

MDAD INVITATION TO QUOTE CHECK LIST		
P.O. NO: 56802	APS: Juliana Manjarres	DATE SUBMITTED: 1/9/2023
CONTRACT NUMBER: RTQ-0004	CONTRACT TITLE: MIA Central Boulevard Signage UPS Replacement	METHOD OF AWARD: In the aggregate
NOTES:		
<p>This project was first awarded to the lowest bidder (DCIM Solutions dba Environments Groups). The award was protested, and the recommendation to deny the protest was approved by the Mayor. When it was time to process the award, the lowest bidder decided to withdraw their bid as they needed more time to provide the bonds. The award to DCIM Solutions was rescinded, and a new award was processed for the second lowest bidder, Power Systems Solutions (PSS). A meeting was held on 1.9.2023 with PSS and the end user to discuss the project schedule and contract requirements.</p> <p>Please note this solicitation was issued last year, therefore, there are the FINAL APPROVED PO PACKET was not required to be uploaded to website. *Sealed bids were received on time*</p> <p>The purchase order has two lines. Line 1 in the amount of \$198,750.00 which was the base bid amount, and line 2 in the amount of \$19,875.00 as allowance account/contingency.</p>		
COMPLETED:	DESCRIPTION:	
<input checked="" type="checkbox"/>	Signed Bid Tally Sheet ( 2nd peer reviewer signature must be attached for any purchase over \$100K )	
<input checked="" type="checkbox"/>	ITQ Solicitation Package to include (Any Addenda and Quotes received from vendors).	
	<input checked="" type="checkbox"/>	Email ITQ to qualified bidders. (Copying Clerk of Board)
	<input checked="" type="checkbox"/>	Provide copy of sign-in sheet of Site visit/Pre-Bid meeting (if applicable).
	<input type="checkbox"/>	Email with approval from end user for Bid Prices over 10%
<input checked="" type="checkbox"/>	Copy of Roadmap (highlight awarded item) <b>FROM INFORMS</b> used to quote.	
<input type="checkbox"/>	Copy of SBE firms certifications attached from BMWS.	
<input checked="" type="checkbox"/>	<b>Division Requisition - No Substitution Request and Justification from respective Division Director. (If no email, always substitution)</b>	
<input checked="" type="checkbox"/>	<b>Email from MDAD Risk Management establishing insurance requirements. (As needed)</b>	
<input type="checkbox"/>	<b>Worksheet from SBD establishing goal for any bid over \$250K. Any bid under \$250K will be a set aside when availability of 2 or more firms are present (As needed)</b>	
<input checked="" type="checkbox"/>	<b>SBD's Cone of Silence Report</b>	
<input type="checkbox"/>	<b>Purchases over \$65k require SEAL BID and FINAL APPROVED PO PACKET requires upload to website portal per FS (refer to instructions )</b>	
<input checked="" type="checkbox"/>	<b>Due diligence (+\$25k) ( check folder for current due diligence that is 6 months or less)</b>	
<input checked="" type="checkbox"/>	Collusion affidavit completed by vendor. \$250k and up (If applicable)	



SPO		
COMPLETED:		DESCRIPTION:
<input type="checkbox"/>		Small Purchase Orders Solicitation Package (Min. 2+ firms)
<input type="checkbox"/>		Copy of Commodity Code's History to show it doesn't exceed \$25,000 per FY
<input type="checkbox"/>		All other backup documentation (if applicable) including SBD compliance reviews, and Emergency Declaration email, P1, P2.
<input type="checkbox"/>		<b>Can only one vendor provide goods or services? Include letter from Manufacturer that vendor is authorized and non compete form is attached.</b>
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Was SBE Bid preference applied?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Was Local preferences applied?
<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Locally HQ?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Veteran?
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Was BAFO applied?





Miami-Dade Aviation Department  
Requisition



Page: 1 of 1

**Business Unit:** AVIAT  
**Requisition:** 0000067323  
**Requisition Name:** Replace UPS System & Step up T  
**Status:** PO(s) Created  
**Requisition Total:** 218,000.00

**OperID:** e18320  
**Entered By:** Jorge Alvarez JR - MDAD  
**Entered Date:** 5/5/22  
**Buyer:**  
**Ship To ID:** 1C30401C  
**Req Requester By :** Alvarez Jr,Jorge A

**Header Comments:** Use Contract RTQ-00004-1 (1)  
Invitation to Quote (ITQ) will require an on-site meeting with all participating vendors to go over the scope of work and to see the location and set up of the existing UPS system and the step up transformer.

Requisition Line Information

Ln	Description	Qty	UOM	Unit Price	Total Line	Line Status	Work Order ID
1	Replace UPS System & Step Up Transformer Dedicated to 6 LED Dynamic Messaging Signs at MIA ITEM#	1.00	UNT	218,000.00	218,000.00	PO Created	10280753-10
<i>Line Comments:</i> <<Use Contract RTQ-00004-1 (1) Invitation to Quote (ITQ) will require an on-site meeting with all participating vendors to go over the scope of work and to see the location and set up of the existing UPS system and the step up transformer.>>							

Distribution

Dist	Fund	Acct	Org	O&M	Location	Project	Activity	Category	SubCat	Amount
1	EA301	942100	AV1499		11	BA034A	BA034A-C	940	9406	218,000.00



Contract ID & Title AV-67323-22-JM - MIA  
 ITQ Closing Date: 08/17/2022 2:00 p.m.  
 Prepared By: Manjarres, Juliana  
 Verified By: Londono, Carolina  
 Contract Amount: \$148,337  
 Contract Set-Aside: No

*del*  
*Anna S. LUT*

Supplier		DCIM Solutions dba Environments Group LLC	Power Systems Solutions LLC
Responsive / Responsible		Yes	Yes
Supplier FEIN		471141438	475379554
SBE Certification Confirmed / Tier		No	Yes - Tier 1
Local Certified Veteran Confirmed		No	No
Local Preference Affirmed		No	YES
Locally Headquartered Affirmed		No	YES
Item Number	Description	Line Total Price	Line Total Price
1	Phase 1	\$ 127,987.20	\$ 139,125.00
2	Phase 2	\$ 20,350.00	\$ 59,625.00
Total		\$ 148,337.20	\$ 198,750.00
SBE Preference (10% or 5%)		NA	\$ 19,875.00
SBE Evaluated Price		NA	\$178,875.00
Locally Headquartered Pref. 5% (Range: \$148,00 - \$170,000)			No BAFO (not within range)
Brand		Galaxy VS	Eaton
Ranking		1	2

THIS TALLY SHEET IS AN INDICATION OF  
 DETERMINATION OF THE LOWEST





**Miami-Dade County**  
**Procurement Management Services**  
**Request To Quote**

111 NW 1<sup>st</sup> Street, Suite 1300, Miami, FL 33128

**CONTRACT NO. RTQ-00004-1(1)**  
**UPS SYSTEMS PURCHASE, MAINTENANCE, AND REPAIR SERVICES**  
**ROADMAP**

**Contract Overview:**

This Request to Qualify (RTQ) will establish a pool of pre-qualified vendors capable of delivering/providing Uninterruptible Power Supply (UPS) Systems, maintenance services, repair services, parts, components, and accessories on an as needed basis for various Miami-Dade County Departments. Entry into the pre-qualification pool is not a contract between the County and any member of the pool, but rather is an acknowledgement that the pool member satisfies the pre-qualification criteria set forth below for membership in the pool. Pre-qualified vendors will be invited to participate in future spot market competitions. Bidders may be pre-qualified in one or all of the following Groups:

- Group 1 – UPS Systems Purchase and Turnkey Solutions
- Group 2 – Maintenance and Repair Services

The pool shall remain open for the term of the RTQ, enabling vendors to qualify at any time after the initial RTQ opening date.

**Contract Term:**

November 1, 2019 – October 31, 2024

Authorized Departments and Associated Allocation:	
Department	Allocation
Aviation	\$ 446,200.00
Corrections and Rehabilitation	\$ 15,000.00
Enterprise Technology Services	\$ 800,000.00
Fire Rescue	\$ 391,000.00
Internal Services	\$ 4,840,000.00
Library	\$ 40,000.00
Police	\$ 150,000.00
Park and Recreation	\$ 6,000.00
Seaport	\$ 320,000.00
Transportation and Public Works	\$ 2,000,000.00
Water and Sewer	\$ 170,000.00
Total: \$ 9,178,200.00	



## **Part #1: Pre-Qualified Vendors**

The vendors listed in the table below met the pre-qualification criteria:

<b>Vendor</b>	<b>Address</b>	<b>Principal</b>	<b>Pre-Qualification Group</b>
<b>Advanced Power Protection Industries, Inc.</b>	5959 South St. Suite 9 Lakewood, CA	David Fievelson	Group 1 and Group 2
<b>DC Group</b>	1977 W. River Road N. Minneapolis, MN 55411	Geoffrey Dopkins	Group 1 and Group 2
<b>DCIM Solutions, LLC d/b/a Critical Environments Group</b>	104 Maple Leaf Ct. Glassboro, NJ 33432	Katherine Freitag	Group 1 and Group 2
<b>On Computer Services, LLC</b>	217 Metro Drive, Terrell, TX 75160	Christian Davis	Group 1 and Group 2
<b>PC Solutions &amp; Integration, Inc.</b>	4937 SW 75 Ave, Miami, FL	David Rudnick	Group 1 and Group 2
<b>Power System Solutions</b>	7320 NW 12 <sup>th</sup> Street, Unit 113, Miami, FL 33126	Roberto Gonzalez	Group 1 and 2
<b>Exponential Power, Inc. d/b/a Nolan Power Group, LLC</b>	N56 W16665 Ridgewood Dr Menomonee Falls, WI 53051	Jacob Walker	Group 1 and Group 2
<b>National Power Corporation</b>	4541 Preslyn Drive Raleigh, NC 27616	Michael Hernandez	Group 1 and Group 2
<b>Gemini Power Systems, Inc.</b>	3360 Scherer Dr. North, Suite E St. Petersburg, FL 33716	William Johnson	Group 1 and Group 2
<b>Graybar Electric Company, Inc.</b>	11250 NW 91 <sup>st</sup> Street Medley, FL 33175	Richard Pepio	Group 1 and Group 2
<b>Network &amp; Communication Services, Inc.</b>	9509 NW 47 <sup>th</sup> Terrace Miami, FL 33178	Dhana Diaz	Group 1
<b>Grupo Inpower LLC</b>	1221 Brickell Avenue Suite 900 Miami, FL	Ennio Bertolini	Group 1 and Group 2
<b>North Star Technical Services</b>	PO Box 221992 Hollywood, FL 33022-1992	Terry Cantrell	Group 1 and Group 2
<b>Eola Power LLC</b>	66 W Flagler Street Suite 1214 Miami, FL 33130	Mateo Arias	Group 2
<b>Critical Power Solutions Group Inc.</b>	7440 SW 50 <sup>th</sup> Terrace #104A, Miami, FL 33155	Alexander Azcurra	Group 1 and Group 2
<b>Maintenance Services 360 LLC.</b>	10664 SW 186th Street Miami, FL 33157	John Bowen	Group 1

## **Event Log**

<b>No.</b>	<b>Date Issued</b>	<b>Description</b>	<b>Agent</b>
4	09/24/2021	Replace Nolan Power Group, LLC with Exponential Power Inc. d/b/a Nolan Power Group LLC (new FEIN)	AJ
3	3/18/2021	Maintenance Services 360 LLC. has been pre-qualified for Group 1 only	JB
2	7/15/2020	Updated contact for Nolan Power Group, LLC	JD
1	05/05/2020	Critical Environments Group is updated to utilize subcontractors	RC







## **Part #2: Contract Information**

### **CONTRACT ROADMAP INSTRUCTIONS**

Each Solicitation shall be consistent with AO No.3-38, "Master Procurement Administrative Order" and the Terms and Conditions outlined within Request to Qualify No. RTQ-00004.

### **Applicable Ordinances and Contract Measures**

- The two percent User Access Program provision applies and will be collected on all purchases.
- The Small Business Enterprise (SBE) Bid Preference and Local Preference Ordinances will be applied at the time of spot market competition. A SBE set-aside also applies for spot market competition up to \$100,000 when there are three or more certified SBE firms available.
- The Living Wage Ordinance does not apply.

Funding sources exempted from any of the above mentioned ordinances need to clearly articulate within the RFQ that the program fees are not applicable.

### **Local Preference Consideration**

The evaluation of competitive solicitations is subject to Section 2-8.5 of the Miami-Dade County Code, which, except where contrary to federal and state law, or any other funding source requirements, provides that preference be given to local businesses. A local business, for the purposes of this Section, shall be defined as a Proposer which meets all of the following:

1. a business that has a valid occupational license, issued by Miami-Dade County at least one year prior to bid or proposal submission, that is appropriate for the goods, services or construction to be purchased;
2. a business that has physical business address located within the limits of Miami-Dade County from which the vendor operates or performs business (Post Office Boxes are not verifiable and shall not be used for the purpose of establishing said physical address.); and
3. a business that contributes to the economic development and well-being of Miami-Dade County in a verifiable and measurable way. This may include but not be limited to the retention and expansion of employment opportunities and the support and increase in the County's tax base. To satisfy this requirement, the vendor shall affirm in writing its compliance with either of the following objective criteria as of the proposal submission date stated in the solicitation:
  - a. vendor has at least ten (10) permanent full time employees, or part time employees equivalent to 10 FTE ("full-time equivalent" employees working 40 hours per week) that live in Miami-Dade County, or at least 25% of its employees that live in Miami-Dade County, or
  - b. vendor contributes to the County's tax base by paying either real property taxes or tangible personal property taxes to Miami-Dade County, or
  - c. some other verifiable and measurable contribution to the economic development and well-being of Miami-Dade County.

When the above circumstances occur, user departments are to send out a best and final offer request to all bidders remaining in consideration.

Please note that the determination of the responsibility and responsiveness of all vendors that are to be included in the best and final process must take place prior to requesting the BAFO. This is to avoid a situation where a violation of the local preference ordinance to conduct a best and final process could take place. Even if low bidder, a non-responsive local vendor should not be included in this process.

Vendors are eligible for Local Preference if affirmed within the RFQ submittal.

### **Small Business Contract Measures**

A Small Business Enterprise (SBE) bid preference applies to this solicitation.

A 10% percent bid preference shall apply to contracts \$1 million or less and 5% percent on contracts greater than \$1 million. A SBE/Micro Business Enterprise must be certified by the Department of Business Development (DBD) for the type of goods and/or services the Enterprise provides in accordance with the applicable Commodity Code(s) for this solicitation. A SBE set-aside also applies for spot market competition up to \$100,000 when there are three or more certified SBE firms available.



The SBE/Micro Business Enterprise must be certified by bid submission deadline, at contract award and for the duration of the contract to remain eligible for the preference.

Departments are responsible for verifying eligibility status based on the RFQ submittal submitted in response to the RFQ. Firms are only eligible for the SBD preference if they are certified in the commodities authorized under Request to Qualify No. RTQ-00004.

**To verify eligibility, please visit the Small Business Development website:**  
<http://www.miamidade.gov/business/business-certification-programs.asp>

### **Insurance Requirements**

All awarded vendors under this contract are responsible for maintaining the required insurance coverage's as outlined within Request to Qualify No. RTQ-00004 for all work that is to be performed under this contract. Should a vendor's insurance policy lapse during the term of this agreement, the vendor will be suspended from the contract until a new valid insurance certificate is approved by Risk Management. Upon approval, the vendor will be reinstated back onto the contract and allowed to work on County premises.

## **Part #3: Instructions for each solicitation**

Request to Qualify No. RFQ-00004-1(1) requires each acquisition to go through a competitive, spot market Request for Quote (RFQ), prior to the award of a Work Order (WO). The RFQ shall be written with sufficient detail to ensure the vendors can adequately assess and provide their best price in response to the RFQ. The method of award shall be based on the lowest price in the aggregate, per-group, or in a per-item basis unless otherwise specified in the RFQ.

### **Pre-qualified Vendor Contact Information**

Departments are to utilize the below vendor contact information for the issuance of all RFQ's. These contacts listed below are authorized to respond to all County requests and are to be included in each RFQ issued against the contract. Failure to utilize the below contacts for the vendors listed, may result in cancellation or rejection of a RFQ solicitation. It is highly recommended that the RFQ's be issued via e-mail for tracking and reporting purposes.

Vendor	Contact Name	Phone #	Mobile #	E-mail Address
<b>Advanced Power Protection Industries, Inc.</b>	David Fievelson	866-975-2774		
		866575-2774	562-650-7209	<a href="mailto:davidf@appind.com">davidf@appind.com</a>
<b>DC Group, Inc.</b>	Geoffrey Dopkins	800-838-7927		
		612-235-3131	612-235-3130	<a href="mailto:Geoffrey.dopkins@dc-group.com">Geoffrey.dopkins@dc-group.com</a>
<b>DCIM Solutions, LLC d/b/a Critical Environments Group</b>	Katherine Freitag	965-360-0601	954-804-5474	<a href="mailto:Kfreitag@criticaleg.com">Kfreitag@criticaleg.com</a>
<b>On Computer Services, LLC</b>	Christian Davis	240-772-1701	301-418-1281	<a href="mailto:christian.davis@unifiedpowerusa.com">christian.davis@unifiedpowerusa.com</a>
<b>PC Solutions &amp; Integration, Inc.</b>	David Rudnick	305-667-0633		
		305-667-0618	305-766-8007	<a href="mailto:david@pcsolutions.us">david@pcsolutions.us</a>
<b>Power System Solutions (SBE)</b>	Roberto Gonzalez	305-676-6465		<a href="mailto:contact@pss-fl.com">contact@pss-fl.com</a>
<b>Exponential Power Inc. d/b/a Nolan Power Group LLC</b>	Charles Pharr	985-801-5073		<a href="mailto:charles.pharr@nolanpower.com">charles.pharr@nolanpower.com</a>
<b>National Power Corp</b>	Michael Hernandez	800-790-1672	954-295-0043	<a href="mailto:michael.hernandez@natpow.com">michael.hernandez@natpow.com</a>
<b>Gemini Power Systems, Inc.</b>	William Johnson	727-563-9770	727-568-9663	<a href="mailto:wjohnson@gps-us.com">wjohnson@gps-us.com</a>



<b>Graybar Electric Company, Inc.</b>	Richard Pepio	786-6268091	305-520-4950	<a href="mailto:dadecounty@graybar.com">dadecounty@graybar.com</a>
<b>Network &amp; Communication Services, Inc. (SBE)</b>	Dhana Diaz	305-436-3913 305-435-3914		<a href="mailto:ddiaz@ncsworldwide.com">ddiaz@ncsworldwide.com</a>
<b>Grupo Inpower LLC dba Inpower (SBE)</b>	Ennio Bertolini	305-995-8208	305-374-6146	<a href="mailto:grupoinpower@gmail.com">grupoinpower@gmail.com</a>
<b>North Star Technical Services</b>	Terry Cantrell	800-842-1671	954-921-5868	<a href="mailto:terry@nstpower.com">terry@nstpower.com</a>
<b>Eola Power LLC</b>	Mateo Arias	305-407-5232		<a href="mailto:marias@eolapower.com">marias@eolapower.com</a>
<b>Critical Power Solutions Groups Inc. (SBE)</b>	Alexander Azcurra	786-663-2943	786-473-5955	<a href="mailto:Alexander.azcurra@cpsgroupinc.net">Alexander.azcurra@cpsgroupinc.net</a>
<b>Maintenance Services 360 LLC.</b>	John Bowen	305-878-6842	305-878-6842	<a href="mailto:johnb@mainserv360.com">johnb@mainserv360.com</a>

### **Prior To Award**

Prior to making an award under this pool, Departments are reminded that:

- All quotations issued under this pre-qualification contract must utilize the current and active “terms and conditions” in place that includes the latest legislative changes. Please refer the following Procurement Management link (<http://www.miamidade.gov/procurement/itb-terms-conditions.asp>) to retrieve the latest version of the General Terms and Conditions and include the latest language in the ITQ.
- Cone of Silence - Pursuant to Section 2-11.1(t) of the County Code, all ITQs are subject to the Cone of Silence. All RTQ's must be provided to the Small Business Development Division (SBD) of the Internal Services Department for placement on the Cone of Silence Report upon advertisement. Once an award recommendation is made, SBD must be notified to remove the competition from the report
- Obtain a signed Collusion Affidavit from the vendor to be recommended for award.
- Check that the recommended vendor is responsible; including checking the Pre-Award Vendor Website at <http://intra.miamidade.gov/procurement/vendor-compliance.asp> Department may want to include a check of the vendor's performance history in BTS. (Go to Vendors Home Page, click on Registered Vendors, locate the vendor, in that vendor's profile, click on the Non.Perf.Hist. button.)
- In your notice to participants of the of the quote results, copy the Clerk of the Board ([clerkbcc@miamidade.gov](mailto:clerkbcc@miamidade.gov)) and include language advising the vendor that the Cone of Silence is lifted.

(sample language - *In accordance with the referenced solicitation, and Section 2-8.4 of the Code of Miami-Dade County, you are hereby notified that the \_\_\_ department, recommends award of this quote to: \_\_\_\_\_. Our provision of this notice also serves to confirm the lifting of the Cone of Silence from this procurement action as dictated by Section 2-11.1(t) of the County Code.*)

- Allow a three business day protest period, beginning the day after the award recommendation is posted with the Clerk and notification is sent to all participants.

### **USER DEPARTMENT RESPONSIBILITY**

It is the responsibility of the user Department Director to ensure compliance with the above-mentioned procedures. Purchases under this contract will be subject to random review or audit by County authorities, including the Internal Services Department, Audit and Management, and the Office of the Inspector General.

### **METHOD OF AWARD**

RFQ's may be awarded to the vendors with the lowest price in the aggregate, per-group, or in a per-item basis. Departments must clearly identify the Method of Award within all RFQ's issued under this contract.



**RECORD RETENTION**

For each purchase order issued under this contract, the user department shall maintain a record of the purchase including: market research performed, all quotes sought, all quotes obtained, required exception forms, any and any other documentation supporting each purchase to ensure compliance and to establish the necessary accountability for audit. The record shall be maintained by the user department in a location (either electronic or paper) easily accessible for review or audit in accordance with the County Records Retention regulations.





**Miami-Dade County  
Procurement Management Services  
Request To Quote**

111 NW 1<sup>st</sup> Street, Suite 1300, Miami, FL 33128

REQUEST TO QUOTE (RTQ) NO.

RTQ CLOSE DATE/TIME:

RTQ TITLE:

CONTRACT NO.

CONTACT PERSON:

CONTACT PHONE/ EMAIL:

ISSUING DEPARTMENT:

## SECTION 1 – GENERAL TERMS AND CONDITIONS

### GENERAL TERMS AND CONDITIONS:

All general terms and conditions of Miami-Dade County Procurement Contracts are posted online. Bidders/Proposers that receive an award through Miami-Dade County's competitive procurement process must anticipate the inclusion of these requirements in the resultant Contract. These standard general terms and conditions are considered non-negotiable subject to the County's final approval.

All applicable terms and conditions pertaining to this solicitation and resultant contract may be viewed online at the Miami-Dade County Procurement Management website by clicking on the below link:

<http://www.miamidade.gov/procurement/library/boilerplate/general-terms-and-conditions-r14-3.pdf>

### NOTICE TO ALL BIDDERS:

The entire RTQ response must be submitted in accordance with all specifications contained in the solicitation electronically via email to the contact person listed above.

## SECTION 2 – SPECIAL TERMS AND CONDITIONS

### 2.1 PURPOSE

The purpose of this Request for Quote (RFQ) is to secure sealed quotes for the **(LIST HERE THE GOODS/SERVICES)** as specified herein. Eligible Bidder(s)/Proposer(s) must be pre-qualified under **INSERT CONTRACT NO.** prior to the RTQ close date. Submittals received from non-eligible Bidders/Proposers will not be permitted.

### 2.2 METHOD OF AWARD

### 2.3 TERM

### 2.4 WARRANTY

### 2.5 DELIVERY TERMS



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## SECTION 3 – TECHNICAL SPECIFICATIONS

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- 3.1 DESCRIPTION OF WORK
- 3.2 GOODS / SERVICES TO BE PROVIDED
- 3.3 REQUIREMENTS







## Manjarres, Juliana (Aviation)

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**From:** Manjarres, Juliana (Aviation)  
**Sent:** Friday, July 1, 2022 3:08 PM  
**To:** davidf@appind.com; Geoffrey.dopkins@dc-group.com; Kfreitag@criticaleg.com; christian.davis@unifiedpowerusa.com; david@pcsolutions.us; contact@pss-fl.com; charles.pharr@nolanpower.com; michael.hernandez@natpow.com; wjohnson@gps-us.com; dadecounty@graybar.com; ddiaz@ncsworldwide.com; grupoinpower@gmail.com; terry@nstpower.com; Alexander.azcurra@cpsgroupinc.net; johnb@mainserv360.com  
**Cc:** Clerk of the Board (COC)  
**Subject:** \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** ITQ No. AV-67323-22-JM MIA Cenral Blvd signange UPS Replacement Final.pdf

Good Afternoon,

Per RTQ-004-1(1) UPS System Maintenance & Repair, your firm has been invited to participate in the following ITQ:

\*\*ITQ No. AV-67323-22-JM, MIA Central Boulevard Signage UPS Replacement\*\*

Respectfully,

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist

Miami-Dade Aviation Department, Procurement & Materials Management Division

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)

[www.iflymia.com](http://www.iflymia.com)

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## INVITATION TO QUOTE (ITQ) Miami-Dade Aviation Department

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

### PART I. ITQ OVERVIEW AND GENERAL TERMS AND CONDITIONS

#### A. Information

<b>This ITQ is issued pursuant to Miami-Dade County Pool of Prequalified Vendors: RTQ-0004-1(1) UPS Systems Maintenance &amp; Repair GROUP 1 Pre-Qualified Vendors</b>
Sealed Quotes must be received by the due date and time, in a sealed envelope, identified on its outside as a quote for the above given ITQ number. Deliver sealed quotes to:  <div style="text-align: center;"> <b>Miami-Dade Aviation Department (MDAD)</b>  <b>Procurement &amp; Materials Management Division</b>  <b>4331 NW 22<sup>nd</sup> Street, Building 3040, Miami, Florida 33122</b>  <b>Attn: Juliana Manjarres</b> </div>
<b>County Department:</b> Miami-Dade Aviation Department (MDAD) 4331 NW 22 <sup>nd</sup> Street, Building 3040, Miami, Florida 33122
<b>Contracting Officer/Department Contact:</b> Juliana Manjarres <span style="float: right;"><b>E-Mail:</b> <a href="mailto:jmanjarres@flymia.com">jmanjarres@flymia.com</a></span>
<b>Method of Award:</b> Award of this contract will be made to the lowest responsive and responsible Bidder: <input checked="" type="checkbox"/> in the aggregate for items 1-2 listed in <b>PART III PRICING FORM</b> this ITQ. If a Bidder fails to submit an offer for all items, its offer may be rejected.

#### B. Instruction to All Bidders

1. Section 1, General Terms and Conditions of Miami-Dade County (County) shall apply to all resultant contracts from this ITQ. This Section is available on demand at the County's Strategic Procurement Division's (SPD) webpage:  
<https://www.miamidade.gov/procurement/library/boilerplate/general-terms-and-conditions-r21-2.pdf>  
  
 General Terms and Conditions of Section 1 are non-negotiable. The following articles in Section 1, General Terms and Conditions, are not applicable to this ITQ:
  - Section 1.6 Contract Extension
  - Section 1.22 Insurance Requirements
2. **Minimum Qualifications**  
 A Bidder or bidder's subcontractor(s) must hold at the time its bid is submitted, a current valid certificate(s)/license(s) from the State of Florida for a Certified Electrical Contractor and a Professional Electrical Engineer, qualifying the Bidder to perform the work contemplated by these Contract Documents. Failure to hold appropriate certificate(s)/license(s) at the time this Bid is submitted shall render the Bid non-responsive.
3. **Pre-Bid Conference and Site Visit (Highly Recommended)**  
 A highly recommended Pre-bid Conference and Site Visit of the designated location shall be held on July 13<sup>th</sup>, at 10:00 a.m., at 4301 NW 22 Street, Building 3030, 1st Floor, Miami, FL 33122. Bidder(s) are advised to carefully examine the requirements and specifications in this solicitation, and to become thoroughly aware regarding all conditions and requirements that may in any manner affect the work to be performed under the contract. No additional allowances will be made because of lack of knowledge of these conditions. It shall be the responsibility of the Bidder(s) to examine the equipment and sites prior to the submittal of their bid.



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4. All questions must be submitted in writing by July 20<sup>th</sup>, 2022, to the attention of the department contact, via e-mail address indicated above, with a copy sent to [Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov). The County will issue responses to inquiries and any changes to the ITQ via written Addenda issued prior to this ITQ due date and time.
5. Pursuant to Section 2-11.1 (t) of the Code of Miami-Dade County, as amended, a “**Cone of Silence**” is imposed upon issuance of this ITQ after advertisement and terminates at the time a written recommendation is issued.
6. Sealed bid submitted by Bidder must include the following documentation:
  - A. Completed **PART III. Pricing Form**
  - B. Completed and signed **PART V. ITQ Submittal Form**
  - C. Completed **Subcontracting Form**

### 7. Definitions

When used in these Contract Documents (defined below), or in related documents, the following terms, shall have the meanings given below:

1. **Addendum:** A modification of the Plans, Specifications or other Contract Documents distributed to prospective Bidders prior to the opening of Bids.
2. **Allowance Account(s):** Account(s) in which stated dollar amount(s) are included in the Contract for the purpose of funding portions of the Work which are unforeseeable at the time of execution of the Contract, or for construction changes, for adjustments of quantities, for unit price work items or for special work deemed desirable by the Owner to be incorporated into the Contract. Performance of Work, if any, under Allowance Account(s) will be authorized by written Work Order(s) issued by the MDAD Project Manager.
3. **Change Order:** A written agreement executed by the Owner, the Contractor and the Contractor's Surety, covering modifications to the Contract, recommended by the MDAD and approved by the consulting engineers.
4. **Contract Documents:** Bid Documents, Change Orders, Payment and Performance Bonds, Work Orders, Approved Schedule, all Contractual Forms, Approved Shop Drawings and Approved Working Drawings.
5. **Consulting Engineers:** HNTB, Consulting Engineers/Supervising Architects to the Miami-Dade Aviation Department.
6. **County:** A political subdivision of the State of Florida, whose governing body is the Board of County Commissioners of Miami-Dade County, Florida.
7. **Critical Path:** Longest sequence of activities in a project's schedule which defines the project completion date and which must be completed on time in order for the project to be completed on schedule.
8. **Days:** Reference made to Days shall mean consecutive calendar days.
9. **Direct Costs:** Direct Costs recoverable by the Contractor as a result of changes in the Work shall be limited to the actual additional costs of labor and materials installed as part of the Work and for the reasonable additional cost of rental for any Special Equipment or Machinery. Labor shall be limited to site labor costs, including Employer's Payroll Burden. Specifically excluded from labor are the costs of general foremen and site office personnel. Materials are limited to permanent materials required by the drawings and specifications and materials approved by the MDAD Project Manager as necessary to install the permanent materials in an efficient and workmanlike manner. Rental for Special Equipment and Machinery, not already mobilized on the airport, shall be an amount equal to the appropriate daily, weekly, or monthly rental rate for such equipment, in



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accordance with the current issue of Associated Equipment Distributor (AED) "Compilation of Nationally Averaged Rental Rates and Model Specifications for Construction Equipment" (notwithstanding the caveats contained therein that such rental rates are not for use by government agencies) for each and every rental period (in days, weeks, or months as applicable) that the Special Equipment or Machinery is in use on the work plus any required mobilization. Payment for Special Equipment and Machinery already mobilized on the airport shall not exceed the monthly rate stated in the AED divided by one hundred and seventy-six (176) to establish a per hour rate that the Special Equipment and Machinery is in use on the work, plus any required re-mobilization. For Special Equipment or Machinery not listed in said document the Contractor shall be paid a rental rate corresponding to the average prevailing rental rate for such equipment or machinery in Miami-Dade County, Florida, subject to approval by the MDAD Project Manager. No additional payment shall be made to the Contractor for fuel, lubricants, fair wear and tear, transportation, insurance or depreciation. Any equipment or machinery not designated by the MDAD Project Manager as Special Equipment and Machinery shall be considered Overhead.

10. **Equal Brand:** The mention of a particular manufacturer's brand name or style number in the specifications does not imply that this particular product is the only one that will be considered for purchase. This reference is intended solely to designate the style, type or quality of merchandise that will be acceptable. Bidders are to list the make and model number should an alternate be offered. In addition, Bidders are to provide product specification sheets for the alternate product. The "equal" equipment/device specification(s) submitted by the Bidder for approval shall meet or exceed the style, quality, and functionally of those listed in this document. The determination as to whether any alternate product is or is not equal shall be made solely by The County and such determination shall be final and binding upon all Bidders. The County may request additional information, samples, and/or request a demonstration of the equipment in order to make such a determination.
11. **Extra Work:** An item of work not provided for in the awarded Contract as previously modified by Change Order or Work Order, but which is found by the MDAD Project Manager to be necessary to complete the work within the intended scope of the Contract.
12. **Indirect Costs:** The total daily compensation for approved compensable delays, which consist of all costs associated with: project bond premiums, project insurance premiums, costs of supervision, coordination, superintendents, general foremen, consultants, schedulers, cost controllers, accountants, office administrative personnel, time keepers, clerks, secretaries, watch persons, small tools, equipment or machinery not designated by the MDAD Project Manager as Special Equipment or Machinery, utilities, rent, telephones, facsimile machines, computers, word processors, printers, plotters, computer software, home office expense, all expendable items, job site and general office expenses, profit, extended jobsite general conditions, interest on monies retained by the Owner, escalated costs of materials and labor, decreased productivity, home office expenses or any cost incurred that may be allocated from the headquarters of the Contractor or any of its subcontractors, loss of any anticipated profits, loss of bonding capacity or capability losses, loss of business opportunities, loss of productivity on this or any other project, loss of interest income on funds not paid, costs to prepare a bid, cost to prepare a quote for a Change in the Work, costs to prepare, negotiate or prosecute claims, costs of legal and accounting work, costs spent to achieve compliance with applicable laws and ordinances, loss of projects not bid upon, loss of productivity or inefficiencies in the execution of the Work.
13. **Liquidated Damages:** The amount that the Contractor accepts, as stipulated in the Contract Documents, that will be deducted from the Contract Sum for each Day of delay due to a Non-excusable Delay.
14. **Miami-Dade Aviation Department (MDAD):** A department of Miami-Dade County government.
15. **Notice To Proceed (NTP):** The written communication issued by the Owner to the Contractor directing the Contractor to begin Contract Work and establishing the date of commencement of the work.
16. **Owner:** Miami-Dade Aviation Department (MDAD).
17. **Phase:** A completion date as defined in this ITQ.



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18. **Performance and Payment Bond:** Bond executed by the Contractor and its Surety, on the attached form, assuring that the Contractor will, in good faith, perform and guarantee the work in full conformity with the terms of the Contract Documents and will promptly pay all persons supplying the Contractor with labor, materials, or supplies, used directly or indirectly by the Contractor in the prosecution of the Work.
19. **Schedule:** The final schedule delivered under the Contract including time and deliverable schedule. Refer to Part II, Section 5.
20. **Subcontractor:** Any individual, firm, partnership, joint venture or corporation supplying the Contractor with labor, materials, supplies and equipment used directly or indirectly by the Contractor in the prosecution of the Work.
21. **Substantial Completion:** Substantial Completion of the Work shall occur when the MDAD Project Manager certifies that the Work is sufficiently complete, in accordance with the Contract Documents, so that the Owner may use the Work for the use for which it is intended or for such other use which the Owner in its sole discretion may determine to be appropriate under the circumstances, and after receipt of the final certificate of occupancy.
22. **Work:** The services required by the Contract Documents, which includes all labor, materials, equipment, and services to be provided by the Contractor to fulfill the Contractor's duties and obligations imposed by the Contract Documents or, if not specifically imposed by the Contract Documents, which can be reasonably assumed as necessary to fulfill the intent of the Contract Documents to provide a complete, fully functional and satisfactory project.



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### PART II. SCOPE OF WORK

#### 1. Background/Purpose

The purpose of this solicitation is to establish a contract for a turnkey installation for replacement of the existing Uninterrupted Power Supply (UPS) and related components. Central Boulevard is the main arterial road serving Miami International Airport (MIA) and consists of eight (8) lanes of traffic divided by a landscaped median. The four (4) lane in-bound roadway contains a one (1) single-sided 60' wide x 8' high overhead digital display and five (5) cantilever roadside DMS displays. These six (6) signs are connected and supported by a dedicated generator back-up system and UPS, in addition to being connected to the 277/480 volt/3-phase conventional power utility service source. The UPS provides power for the digital sign critical loads which require reliable, continuous, disturbance free supply. Please refer to Exhibit A for additional information. Eligible Bidder(s) must be pre-qualified under RTQ-00004-1(1), under Group 1, prior to the RTQ close date. Submittals received from non-eligible Bidders will not be permitted.

#### 2. Detailed Description of Phases and Deliverables

This contract is being solicited for the procurement, delivery, installation, and replacement of the existing UPS, transformer and associated components described herein, or MDAD approved equal, which serve to support the MIA roadway digital signs (Work). The successful Bidder (Contractor) shall obtain approved Purchase Order from MDAD (Notice to Proceed) prior to commencing Work. Please refer to Exhibit A for the complete description of Work and location. As-built drawings and existing equipment literature is to be used for reference only.

The project will consist, at minimum, of the of the following phases for completion:

##### 2.1 Phase 1: Removal of existing equipment and delivery and installation of new UPS equipment and transformer (22 weeks from NTP to installation of new UPS equipment and transformer)

- A. Submit for approval to MDAD within 15 days after award and issuance of the NTP a Progress Schedule reflecting the work to deliver the items in the Pricing Form.
- B. Prepare engineered drawings (signed & sealed by Contractor's Professional Electrical Engineer) for permitting purposes.
- C. Apply for and obtain all required permits prior to commencing work. Contractor shall be responsible for all required inspections, permit extensions, close-out, etc. during the course of work. Copy of approved permit shall be provided to MDAD when obtained and prior to start of work. Copy of final inspection sign-off shall be provided to MDAD at end of project, as a requirement of project close out.
- D. Provide all necessary materials, equipment, vehicles, lifts, ladders, safety equipment, barriers, etc. required to carry out the installation and replacement work per industry best practices.
- E. Provide temporary power to all Central Boulevard roadway digital signs (6) for the duration of the work, to minimize down time to the critical load. (Remove temporary power once installation is completed).
- F. Coordinate all aspects of outage and execution of shutdown with authorized MDAD personnel.
- G. Submit lock-out/tag-out energy control plan for MDAD approval prior to outage.
- H. Submit a Maintenance of Traffic (MOT) plan for temporary traffic control for approval prior to commencement of work. Installation work shall not interfere or disrupt airport operations, vehicular or pedestrian traffic.
- I. Submit a detailed work plan, including schedule for anticipated traffic lane shutdown and MOT to MDAD for approval prior to commencing work and provide 48-hour notice prior to starting installations on-site. All temporary traffic control shall be implemented and managed in accordance with FDOT (Florida Department of Transportation) standard plans.
- J. Provide proper valid identification for all employees and vehicles used for this project. Company ID's shall be worn and displayed on visible location at all times during work shifts. **MDAD issued ID badges will not be necessary since the work site is not within secure areas.**
- K. Contractor shall protect the work area and mark these areas with proper safety barriers that are highly visible (reflect in work plan) when necessary. Barriers shall be removed at the completion of work in each area and not create an impediment or hazard for pedestrian or vehicular traffic.



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- 2.2 Phase 2: Completion of commissioning, punch list and project sign off (2 weeks from installation of new UPS equipment and transformer)
- A. Commissioning of new UPS System
  - B. Submission of all applicable warranties
  - C. Completion of punch list
  - D. Final inspections
  - E. Project sign off

**3. Equipment**

MDAD requires the following equipment:

- One (1) new Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet
- One (1) new 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.

The new UPS shall include the following:

- Communication card
- Batteries to provide 10 minutes of run time at full load (120KW)
- Start-up and 1-year, 24/7 on-site parts and labor warranty
- Line-up and match 3-breaker bypass with interlocking capabilities
- Environmental monitoring probe

The equipment, as described above, shall be supplied and installed by the Contractor. The County acknowledges that, the Contractor is the owner of all right, title and interest in the equipment. Upon installation of the equipment the Contractor will transfer ownership of the equipment to the County; until the transfer of ownership to the County equipment will remain property of the Contractor.

**4. Removal of Existing Equipment**

The Contractor will be responsible for:

- Removal and disposal of existing UPS, bypass, batteries and transformer
- Assist UPS manufacturer's authorized technician with commissioning process

**5. Schedule**

All work shall be scheduled and approved by MDAD prior to commencement.

The Contractor shall submit for approval, within 15 days after award and issuance of the NTP, a Progress Schedule reflecting the work to deliver the items in the Pricing Form. The Progress Schedule submitted for approval shall include the engineer drawings submittal date and review period and sequence of activities for the removal of the existing UPS equipment and transformer and the installation of the new one, including manufacturing times, and any other work required. A revised Schedule shall be submitted showing all progress and any revisions to future work for approval with each application for payment.

The Contractor shall prosecute the Work in accordance with the approved Schedule or most recently approved revision to the Schedule. In the event that progress along the critical path is delayed, the Contractor shall revise their planning to include additional forces, equipment, shifts or hours as necessary to meet the time or times of completion specified in this Contract at no additional cost to the Owner. In addition, the Contractor shall revise their schedule to reflect these recovery actions and submit it to the Owner for review and approval it being understood that such approval will be as to the format and composition of the schedule and not the Contractor's means and methods. Additional costs resulting therefrom will be borne by the Contractor. Delayed progress is defined as:



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- A delay in the start or finish of any activity on the critical path (critical path is defined as the path with the least amount of float) of the approved Schedule or most recently approved revision to the Schedule; or
- A delay in the start or finish of any non-critical activity which consumes more than the available float shown on the approved Schedule or most recently approved revision to the Schedule, thereby making the activity critical and late; or
- A projected completion date shown on a schedule update which is later than the contractual completion date; or
- Any combination of the above.

Failure of the Contractor to comply with the requirements under this section will be grounds for determination that the Contractor is not prosecuting the Work with such diligence as will ensure completion within the Contract Time. Upon such determination, the Owner may terminate the Contractor's right to proceed with the Work, or any separate part thereof, in accordance with the Contract Documents. If in the Contractor's estimation, the cause(s) of delay are beyond the Contractor's control, the Contractor shall adhere to the sections of the Contract Documents related to extensions of time, claims and others as appropriate.

#### 6. Extensions of Time and Clarification of Types of Delays

A. Once a delay has been identified and it has been established through a scheduling analysis that a delay affects the Project's end date or contractually mandated milestone date, the delay must be classified to determine responsibility and to compute damages, if any. Before the Contractor can submit a request for time extension, claim or any request for additional compensation involving or related to time, the Contractor must classify the delay(s) in accordance with the following classifications. These delay classifications shall be used by the Owner and the Contractor in resolving any time-related disputes. Delays fall into three basic categories: non-excusable, excusable, and compensable, as further explained below:

i. Non-excusable delays are those delays to the critical path which were foreseeable at the time of contract award or delays caused by the Contractor due to the Contractor's fault or negligence or his/her own inefficiencies or problems, due to his/her inability to coordinate subcontractors and/or other flaws in his/her planning. In these types of delays the Contractor is not entitled to extra time or compensation and the Owner may be allowed to assess Liquidated Damages or actual damages, depending on the contract provisions.

ii. Excusable delays are those delays to the critical path beyond the Contractor's control and without the active interference of the Owner, such as extreme weather (force majeure), strikes and delays caused by third parties (i.e. not the Contractor or the Owner). Contractors are granted a time extension but no additional compensation for the extended time of performance for excusable delays.

iii. Compensable delays are delays to the critical path caused by active interference or participation of the Owner or Owner's consultant. Examples of compensable delays are failure of the Owner to provide right-of-way, introducing late design changes, late review of shop drawings by the Owner and failure of the Owner to coordinate the work of various prime Contractors. In the case of a compensable delay, the compensation for the extended period of performance may cover the direct cost due as a result of the changes.

iv. Concurrent delays involve two or more delays to the critical path occurring at the same time, either of which, had it occurred alone, would have affected the end date of the Project. In that event, the Contractor's sole remedy is a time extension and relief of Liquidated Damages with no compensation for extended cost for the concurrency delay period.

v. The compensability of concurrent delays depends on the types of delays involved. The following shall determine the effects of concurrent delays on time extensions and compensable costs:

- EXCUSABLE DELAY CONCURRENT WITH A NON-EXCUSABLE DELAY. For excusable delays concurrent with non-excusable delays, the Contractor is entitled to a time extension only. For example, it rains the day footings are to be excavated (excusable delay) but the excavation equipment was down for repairs (non-excusable delays).
- NON-EXCUSABLE DELAY CONCURRENT WITH A COMPENSABLE DELAY. For nonexcusable delays concurrent with compensable delays, the Contractor is entitled to a time extension only. For example, if the Owner introduces a design change for a beam but the Contractor has failed to submit the shop drawings for



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- said beam in a timely manner. This would be an example of a non-excusable delay (late shop drawings) concurrent with a compensable delay (Owner introducing design change).

• EXCUSABLE DELAY CONCURRENT WITH A COMPENSABLE DELAY. For excusable delays concurrent with compensable delays, the Contractor is entitled to a time extension only. For example, the Owner does not provide the necessary right-of-way to begin construction (compensable delay) but the Contractor's forces are on strike (excusable delay).

B. Time Extensions: The Contractor may be granted an extension of time and will not be assessed Liquidated Damages for any portion of the delay in completion of the Work, arising from acts of nature, acts of the public enemy, fires, floods, epidemics, quarantine restrictions, freight embargoes, strikes, labor disputes, or weather more severe than the norm, provided that the aforesaid causes were not foreseeable and did not result from the fault or negligence of the Contractor, and provided further that the Contractor has taken reasonable precautions to prevent further delays owing to such causes, and has given to the MDAD Project Manager immediate verbal notification, with written confirmation within 48 hours, of the cause or causes of delay. Within thirty (30) days after the end of the delay, the Contractor shall furnish MDAD Project Manager with detailed information concerning the circumstances of the delay, the number of days actually delayed, the appropriate Contract Document references, and the measures taken to prevent or minimize the delay. All requests for extension of time shall be submitted in accordance with the Contract Documents. Failure to submit such information will be sufficient cause for denying the delay claims. The Owner will ascertain the facts and the extent of the delay and its findings thereon will be final and conclusive subject to the dispute provisions in the Contract Documents. The extensions of time granted for these reasons shall be considered excusable and shall not be the basis for any additional compensation.

- i. Weather more severe than the norm shall apply only as it affects particular portions of the Work and operations of the Contractor, as determined by the MDAD Project Manager. Weather more severe than the norm is defined as any situation exceeding the mean data as recorded by The National Climatic Data Center, Asheville, North Carolina and published by the National Oceanic and Atmospheric Administration (This data is taken from the table of normals, means, and extremes in the latest version of the "Local Climatological Data, Annual Summary with Comparative Data, Miami, Florida"). For the calculation of delays due to rain, precipitation of 0.01 inches or more a day shall be considered to be a rain day if the rain actually prevented the Contractor from performing work. The effects of weather less severe than the norm may be taken into account in granting time extensions at the Owner's sole discretion.
- ii. An extension of time will not be granted for a delay to the critical path caused by a shortage of materials, except Owner-furnished materials, unless the Contractor furnishes to MDAD documentary proof that he has diligently made every effort to obtain such materials from every known source within reasonable reach of the Work. The Contractor shall also submit proof, in the form of a CPM network analysis data, that the inability to obtain such materials when originally planned, did in fact cause a delay in final completion of the Work which could not be compensated for by revising the sequence of his operations. Only the physical shortage of material will be considered under these provisions as a cause for extension of time. No consideration will be given to any claim that material could not be obtained at a reasonable, practical, or economical cost, unless it is shown to the satisfaction of the MDAD Project Manager that such material could have been obtained only at exorbitant prices, entirely inconsistent with current rates taking into account the quantities involved and the usual practices in obtaining such quantities.

C. Delays Caused by the Owner: If the Contractor's performance of the Work along the critical path is delayed by any condition or action directly caused by the Owner, and which was not foreseeable by the Contractor at the time the Contract was entered into, the Contractor shall, provide notification in accordance with the Contract Documents, of any such delay and of the anticipated results thereof. The Contractor shall cooperate with the Owner and use its best efforts to minimize the impact on the schedule of any such delay.

D. Delays Beyond Contractor's Control Not Caused by Consultant and/ or the Owner: If Contractor's performance of the Work along the critical path is delayed by any conditions beyond the control and without the fault or negligence of Contractor and not caused by the Owner, and which was not foreseeable by Contractor at the time this Contract was entered into, Contractor shall,



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provide immediate verbal notification with written notification in accordance with the Contract Documents, of any such delay and of the anticipated results thereof. Within two (2) calendar days of the termination of any such delay, Contractor shall file a written notice with the MDAD Project Manager specifying the actual duration of the delay. If the Owner determines that the delay was beyond the control and without the fault or negligence of the Contractor and not foreseeable by the Contractor at the time this Contract was entered into, the Owner will determine the duration of the delay and may extend the time of performance of this Contract provided, however, that Contractor shall cooperate with the Owner and use its best efforts to minimize the impact on the schedule of any such delay. These delays shall be considered excusable, and the Contractor shall not be entitled to, and hereby expressly waives recovery of, any damages suffered by reason of the delays contemplated by this paragraph and extension of time shall constitute Contractor's sole remedy for such delays.

E. In addition to the delays in the Work specified in this section, delays in the Work directly caused by an act or omission by an owner of an adjoining property will not be considered an Owner-controlled delay. An owner of an adjoining property is a person, firm, corporation, partnership, or other organization who either owns or occupies, or both, structures or parcels or both, immediately adjacent to the Work Site. Extension of time for those delays will be considered excusable and shall be treated as specified in this Section, provided that:

1. The Contractor has, in accordance with this Section, given to the MDAD Project Manager immediate verbal justification, with written confirmation within forty-eight (48) hours of the delay; and
2. The Contractor establishes, to the satisfaction of the MDAD Project Manager, that:
  - i. The delay was caused directly by an act or omission by the owner of the adjoining property; and
  - ii. The Contractor has taken reasonable precautions and has made substantial effort to minimize the delay.

F. A Work Order will be furnished to the Contractor within a reasonable period of time of a request for extension of time, specifying the number of days allowed, if any, and the new dates for completion of the Work or specified portions of the Work. All requests for time extension shall be in accordance with the Contract Documents.

G. For the proper format to be used in submitting requests or claims for time extensions, refer to applicable sections of the Contract Documents.

H. Extensions of time shall be in accordance with Section 9-3 of the Code of Miami-Dade County, as applicable.

The Contractor shall be responsible for scheduling and coordinating the work of all trades, subcontractors, and suppliers, required to perform any work and to complete such work within the prescribed time. Any inefficiency or loss of productivity in the labor, materials, or special equipment of the Contractor or its subcontractors of any tier, from any cause, shall be the responsibility of the Contractor. No reimbursement of these or any other costs can be requested by or granted to the Contractor or any of its subcontractors of any tier for inefficiency or loss of productivity in labor, materials, or special equipment. Additional costs may only be paid to the Contractor because of additional work added to the Contract scope of work in writing.

**7. Shipping**

Contractor shall coordinate delivery of UPS equipment, mounting accessories, and all equipment related components to the site where the existing UPS is located, at a time determined by MDAD Project Manager. Contractor shall be responsible for transporting new UPS and components to the installation site and safekeeping for the duration of the project. Manuals, warranties and other literature shall be provided to MDAD Project Manager.

UPS equipment, parts and related components shall be delivered/shipped with proper packing and protection to avoid damage during transport. Contractor shall be responsible for any damages incurred during shipment and shall replace any damaged component at no cost to MDAD. The equipment must be delivered and installed the same day.

**8. Installation**

Prior to commencement of Work, Contractor must field verify location and conditions where UPS equipment is designated. Contractor shall confirm location, dimensions, clearances, structural conditions, infrastructure and access for installation equipment with MDAD Project Manager.



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A pre-installation meeting shall take place within seven (7) days after award of the project to discuss the following:

- Observe current field conditions
- Review work scope
- Discuss facility access procedures and requirements
- Discuss work safety procedures
- Discuss project schedule

All work shall be scheduled and approved by MDAD prior to commencement.

### 9. Commissioning

Commissioning process shall utilize a load bank for testing the UPS at 100% load, and:

- Include use of two (2) Fluke 1750 power quality analyzers simultaneously connected at the input and output of the UPS allowing for a comparison of both input and output during the various UPS operations (bypass, on battery, on UPS, etc.) for verification of performance specified
- Provide test report certified by a Florida Licensed Professional Engineer

### 10. Substantial Completion and Final Acceptance

Substantial completion shall be deemed once new UPS system has been fully installed, tested, commissioned and left in proper working manner; warranties submitted; and work site cleaned of all equipment or supplies utilized during installation period. Project will not be accepted by MDAD or closed-out until all work is deemed completed. This includes all installations, testing, commissioning, completion of punch list items and final inspections.

MDAD has the right to reject all defective, damaged or non-conforming products associated with this project and/or work that does not meet high-quality standards. Repair of any damages to site components caused by installations or related activities shall be corrected by Contractor in a timely basis and prior to project close-out. Contractor is responsible for completion of work included in scope until accepted by MDAD.

At the time MDAD Project Manager considers all work to be complete, the Contractor shall submit written certification that:

- i. Work has been inspected for the compliance with the Contract Documents.
- ii. Work has been completed in accordance with the Contract Documents, and that deficiencies that had been identified at the time of substantial completion have been corrected.
- iii. Work is completed and ready for final inspection.

### 11. Payments

Payment for the work required shall be made at the prices listed in Section III Pricing Form which prices and payments shall be full compensation for furnishing all labor, materials and incidentals necessary to complete all the work as specified on this solicitation. For the purposes of progress payments, a lump sum amount may be paid on a percent complete basis at the sole discretion of the MDAD Project Manager.

Payments will be made in accordance with following:

- 1. Phase 1** – Removal of existing equipment and delivery and installation of new UPS equipment and transformer: **70% of the total awarded amount will be paid**
- 2. Phase 2** – Completion of commissioning, punch list and project sign-off: **30% of the total awarded amount will be paid**



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

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ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**12. Allowance Accounts**

A. Certain portions of work which may be required to be performed by the Contractor under this Contract are either unforeseeable or have not yet been designed, and the value of such work, if any, is included in the Contract as a specific line item(s) entitled "Allowance Account(s)".

i. The Allowance Account 1. (Contingency) can be used to reimburse the Contractor for 1) furnishing all labor, materials, equipment and services necessary for modifications or Extra Work required to complete the Project because of unforeseeable conditions and; 2) for performing construction changes required to resolved; oversight in design, MDAD oversight, unforeseen conditions, revised regulations, technological and product development, operational changes, schedule requirements, program interface, emergencies and delays.

B. When work is to be performed under the Allowance Account(s), if any, the work shall be incorporated into all respects of this Contract as awarded.

C. No Work Orders shall be issued against an Allowance Account if such Work Orders in the aggregate exceed the authorized amount of that Allowance Account, provided however that such excess may be authorized by appropriate Change Order.

D. The unexpended amounts under the allowance accounts shall remain with MDAD and the Contractor shall have no claim to the same.

**13. Warranty**

The Contractor shall warrant that the Equipment complies with the requirements of the Contract Documents, including approved drawings and these Specifications. The contractor hereby acknowledges and agrees that the Equipment and all materials supplied shall be new and warranted by the Manufacturer.

The Contractor agrees to repair or replace (parts and labor), at their expense within 24 hours any defect which constitute a breach of warranty, provided the Contractor is notified of such defect within **one year following the date of formal written acceptance of the Equipment**. In the event that the Contractor fails to respond within 24 hours to correct the occurrence (and expediently perform whatever repairs necessary to restore the Equipment into service), MDAD reserves the right to perform (with its own maintenance forces or otherwise) such corrective repair and the Contractor shall reimburse the MDAD whatever expenses incurred by MDAD in performing such corrective repair work.



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

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**PART III. PRICING FORM**

- A. The Bidder's prices per this Section, shall be inclusive of all costs associated with providing the services herein, which shall include at minimum the removal and legal disposal of existing UPS, manufacturing, delivery and installation of new Equipment, prepare engineered drawings (signed & sealed by Professional Engineer) for permitting purposes, apply for and obtain all required permits, electrical work, and commissioning of the UPS, as further described in Section 2.
- B. Mobilization shall consist of the preparatory work and operations for beginning work on the project; costs of bonds and required insurance; costs of operations necessary to move personnel, equipment, supplies, and incidentals to the site; costs of establishment of temporary offices, shops, safety equipment and first aid supplies; and other costs associated with or required by the Contract Documents and any Federal, State, and/or local laws and regulations. No separate cost will be paid for mobilization. All costs related to mobilization shall be considered incidental to and included in the unit cost prices in this section.
- C. The Bidder's prices shall include all engineering, labor, permit(s), materials, tools, and equipment; all other direct and indirect costs necessary to complete the work and to coordinate it with adjacent work; and shall include all overhead and profit.
- D. All handling or storage costs incurred by the Contractor shall be considered incidental to the installation of the equipment and as such will not be considered for additional compensation.

**Phase 1**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
1	1	JOB	<u>PHASE 1</u> pursuant to PART II, SECTION 2.1	\$
Contractor shall provide the below breakdown for information purposes only. The below pricing will not be evaluated to determine the lowest responsive responsible bidder.				
			New Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet.	\$
			New 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.	\$
			Removal of existing UPS and Transformer an Installation of new UPS and Transformer.	\$

**Phase 2**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
2	1	JOB	<u>PHASE 2</u> pursuant to PART II, Section 2.2 Commissioning of new UPS System, Submission of all applicable warranties, Completion of punch list, Final inspections, Project sign off.	\$
<b>Phase 2 TOTAL:</b>				<b>\$</b>

NO Substitutes ☐ Or County Approved Equal ☒ If offering an approved equal provide specifications sheets



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**PART IV. ADDITIONAL TERMS**

**1. Contract Time**

Completion of the Work within the Contract Time is of the essence. The Contract Time for this Work is 170 calendar days from the effective date established in the Notice To Proceed.

**2. Small Business Enterprise (SBE)**

SBE Bid preference ☒ SBE Set Aside ☐

**3. Insurance Requirements**

A. The contractor shall furnish to the MDAD Purchasing or MDAD Risk Management, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation, as required by Chapter 440, Florida Statutes.
- B. Automobile Liability Insurance, covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than:
  - (1) \$5,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor on the AOA.
  - (2) \$1,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor off the AOA.
- C. Commercial General Liability Insurance, on a comprehensive basis, including Contractual Liability, Broad Form Property Damage and Products and Completed Operations, in an amount not less than \$5,000,000 combined single limit per occurrence for bodily injury and property damage. The County must be shown as an additional insured with respect to this coverage.

B. All required insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey or its equivalent, subject to the approval of the MDAD Risk Management Division OR, The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to do Business in Florida", issued by the State of Florida Department of Financial Services

C. Certificates of Insurance must meet the following requirements:

- 1. Certificate must indicate that no modification or change in insurance shall be made without thirty (30) days written advance notice to the certificate holder.
- 2. Signature of agent must be included.
- 3. If Automobile Liability Insurance is required above, insurance must be provided for all of the following vehicles:
  - a) Owned
  - b) Non-owned
  - c) Hired



## INVITATION TO QUOTE (ITQ) Miami-Dade Aviation Department

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4. If General or Public Liability Insurance is required above, Certificate of Insurance must show Miami-Dade County as an additional insured for that coverage.

5. Certificate Holder must read EXACTLY as presented below:

Miami Dade Aviation Department  
Attn.: Risk Management Division  
PO BOX 025504  
Miami, FL 33102

D. Compliance with the requirements in this Section shall not relieve the successful Bidder of its liability and obligation under this, or under any other, section of the Contract. The successful Bidder shall provide to the County the insurance documents within ten (10) business days after notification of recommendation to award. If the certificate submitted does not include the

#### 4. **Performance and Payment Bond**

The Contractor to whom a contingent award is made after a quotation process shall duly execute and deliver to the County a Performance and Payment Bond in an amount that represents 100% of the Contractor's offer price. The Performance and Payment Bond Form supplied by the County shall be the only acceptable form for these bonds. No other form will be accepted. The completed form shall be delivered to the County within the time frame agreed by the vendor and MDAD after formal notice of award. If the vendor fails to deliver the payment and performance bond within this specified time, including granted extensions, the County shall declare the vendor in default of the contractual terms and conditions, and the vendor shall surrender its offer guaranty/bid bond, and the County shall not accept any offer from that vendor for a twelve (12) month period following such default.

The following specifications shall apply to any bond provided:

A. All bonds shall be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

Bond Amount Best Rating  
500,001 to 1,500,000 B V  
1,500,001 to 2,500,000 A VI  
2,500,001 to 5,000,000 A VII  
5,000,001 to 10,000,000 A VIII  
Over 10,000,000 A IX

B. On contract amounts of \$500,000.00 or less, the bond provisions of Section 287.0935, Florida Statutes (2007) shall be in effect and surety companies not otherwise qualifying with this paragraph may optionally qualify by:

- i. The surety company is licensed to do business in the State of Florida;
- ii. The surety company holds a certificate of authority authorizing it to write surety bonds in this state;
- iii. Providing evidence that the surety has twice the minimum surplus and capital required by the Florida Insurance Code at the time the solicitation is issued;
- iv. Certifying that the surety is otherwise in compliance with the Florida Insurance Code; and
- v. Providing a copy of the currently valid Certificate of Authority issued by the United States Department of the Treasury under SS. 31 USC 9304-9308.

Surety insurers shall be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds", published annually. The bond amount shall not exceed the underwriting limitations as shown in this circular.

C. For contracts in excess of 500,000 the provisions of Section B will be adhered to plus the company must have been listed



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for at least three consecutive years or holding a valid Certificate of Authority of at least 1.5 million dollars and on the Treasury List.

D. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.

E. In lieu of a bond, an irrevocable letter of credit or a cash bond in the form of a certified cashier's check made out to the Board of County Commissioners will be acceptable. All interest will accrue to Miami-Dade County during the life of this contract and/or as long as the funds are being held by Miami-Dade County.

F. The attorney-in-fact or other officer who signs a contract bond for a surety company must file with such bond a certified copy of power of attorney authorizing the officer to do so. The contract bond must be counter signed by the surety's resident Florida agent.

**5. Liquidated Damages**

A. The parties to the Contract agree that time, in the completion of the Work, is of the essence. The County and the Contractor recognize and agree that the precise amount of actual damages for delay in the performance and completion of the Work is impossible to determine as of the date of execution of the Contract and that proof of the precise amount will be difficult. Therefore, the Contractor shall be assessed liquidated damages on a daily basis for each day that individual milestones, both interim and cumulative as specified in the Contract Documents, are not timely achieved or that contract time is exceeded due to a non-excusable delay. These liquidated damages shall be assessed, not as a penalty, but as compensation to the County for expenses which are difficult to quantify with any certainty and which were incurred by the County due to the delay. Therefore, in accordance with this section (Liquidated Damages) failure to complete the work within the stipulated phases and/or overall completion indicated preliminary schedule, or the project schedule as approved by MDAD: the Contractor and his sureties will be assessed Liquidated Damages as follows:

1. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled installation duration if the UPS installation is not completed on time, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the UPS is installed and in service.

2. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled project completion date, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the milestone delivery date is met.

B. The amount of liquidated damages assessed shall be an amount, as stipulated above, per day for each calendar day that individual milestones as specified in the Contract are not timely achieved or that the project is delayed due to a non-excusable delay.

C. In the event the Contractor fails to perform any other covenant or condition (other than time-related) of this Contract relating to the Work, the Contractor shall become liable to the County for any actual damages which the County may sustain as a result of such failure on the part of the Contractor. The County reserves the right to retain these amounts from monies due the Contractor.

D. Nothing in this Section shall be construed as limiting the right of the County to terminate the Contract and/or to require the Surety to complete said project and/or to claim damages for the failure of the Contractor to abide by each and every one of the terms of this Contract as set forth and provided for in the Contract Documents.



## INVITATION TO QUOTE (ITQ) Miami-Dade Aviation Department

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### PART V. SUBMITTAL FORM

Bidder's Legal Name (include d/b/a if applicable):

Federal Tax Identification Number:

#### A. SMALL BUSINESS ENTERPRISE CONTRACT MEASURES (if applicable):

A Small Business Enterprise (SBE) must be certified by the Small Business Development Division (SBD) for the type of goods and/or services the Bidder provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information, contact SBD at (305) 375-3111 or access <http://www.miamidade.gov/smallbusiness/certification-programs.asp>. The SBE must be certified by this Solicitation's submission deadline, at Contract award, and for the duration of the Contract to remain eligible for the preference. Firms that graduate from the SBE Program during the Contract may remain on the Contract.

☐ Place a check mark here only if affirming Bidder is a Miami-Dade County Certified Small Business Enterprise.

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), SMALL BUSINESS ENTERPRISE MEASURES SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### B. LOCAL PREFERENCE CERTIFICATION:

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

☐ Place a check mark here only if affirming the Bidder meets requirements for Local Preference. **Failure to complete this certification at this time may render the vendor ineligible for Local Preference.**

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### C. LOCALLY HEADQUARTERED BUSINESS CERTIFICATION:

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "locally headquartered business" is a Local Business as defined above, which has a "principal place of business" in Miami-Dade County. "Principal place of business" means the nerve center or the center of overall direction, control, and coordination of activities of the Bidder. If the Bidder has only one business location, such business location shall be its principal place of business.

☐ Place a check mark here only if affirming the Bidder meets requirements for the Locally Headquartered Preference (LHP). **Failure to affirm this certification at this time may render the vendor ineligible for the LHP.** The address of the Locally Headquartered office is:

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### D. LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE CERTIFICATION:

A Local Certified Veteran's Business Enterprise is a firm that is: (a) a local business pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to [Section 295.187](#) of the Florida Statutes.

☐ Place a check mark here only if affirming the Bidder is a Local Certified Veteran's Business Enterprise. **A copy of the certification must be submitted with the bid.**



## INVITATION TO QUOTE (ITQ)

### Miami-Dade Aviation Department

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IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### E. CONVICTION DISCLOSURE:

Pursuant to Section [2-8.6](#) of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here only if the Bidder has such conviction to disclose to comply with this requirement.

#### F. CONFLICT OF INTEREST DISCLOSURE:

Pursuant to Section [2-11.1 \(c\) and \(d\)](#) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ YES or ☐ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ YES or ☐ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

#### G. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:

The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section [286.011](#) and Chapter [119](#). As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

**By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, by signing below, knowingly and expressly waives all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.**

#### Acknowledgment of Waiver:

Bidder's Authorized Representative's Signature:

Date:



Representative's Name:

Representative's Title:



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

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**H. BIDDER'S CONTACT INFORMATION**

Bidder's Contact Person:

Email Address:

Phone Number (include area code):

**I. ACKNOWLEDGEMENT OF BINDING OFFER**

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature:

Date:

Representative's Name:

Representative's Title:

This ITQ includes the following attachments:

- ☐ Drawings/Pictures/Site Maps
- ☐ Subcontracting Form



# **INVITATION TO QUOTE (ITQ)** **Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
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## **SUBCONTRACTING FORM**

Vendor Name \_\_\_\_\_ FEIN # \_\_\_\_\_

**Complete "A" or "B":**

- A. ☐ No subcontractors or direct suppliers will be utilized pursuant to this solicitation.
- B. ☐ The below listed subcontractors and/or suppliers will be utilized pursuant to this solicitation:

Business Name and Address of First Tier Subcontractor/ Subconsultant	Name of Principal Owner	Scope of Work to be Performed by Subcontractor /Subconsultant	Subcontractor / Subconsultant License (if applicable)
Business Name and Address of First Tier Direct Supplier	Name of Principal Owner	Supplies, Materials, and/or Services to be Provided by Supplier	

And

Below and/or attached is a detailed statement of the firm's policies and procedures for awarding subcontractors:


(Duplicate this form if additional space is needed to provide the required information)

When Subcontracting is allowed and subcontractors will be utilized, the Contractor shall comply with Section 2-8.8 of the Code - Fair Subcontracting Practices: (1) Prior to contract award, the Bidder shall provide a detailed statement of its policies and procedures for awarding subcontracts and (2) As a condition of final payment under a contract, the Contractor shall identify subcontractors used in the work, the amount of each subcontract, and the amount paid and to be paid to each subcontractor via the BMWS at <http://mdcsbd.gob2g.com>.

Pursuant to Section 2-8.1(f) of the Code - Listing of subcontractors required on certain contracts, for all contracts which involve the expenditure of one hundred thousand dollars (\$100,000) or more, the entity contracting with the County must report to the County the race, gender, and ethnic origin of the owners and employees of its first tier subcontractors and suppliers via the BMWS at <http://mdcsbd.gob2g.com>. The race, gender, and ethnic information must be submitted via BMWS as soon as reasonably available and, in any event, prior to final payment under the Contract. The Contractor shall not change or substitute first tier subcontractors or direct suppliers or the portions of the Contract work to be performed or materials to be supplied from those identified except upon written approval of the County.

*I certify that the information contained in this form is to the best of my knowledge true and accurate.*

\_\_\_\_\_  
**Signature of Vendor's Representative**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Print Title**

\_\_\_\_\_  
**Date**



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

**Exhibit A**

**ITQ No. AV-67323-22JM MIA Central Boulevard Signage UPS Replacement**

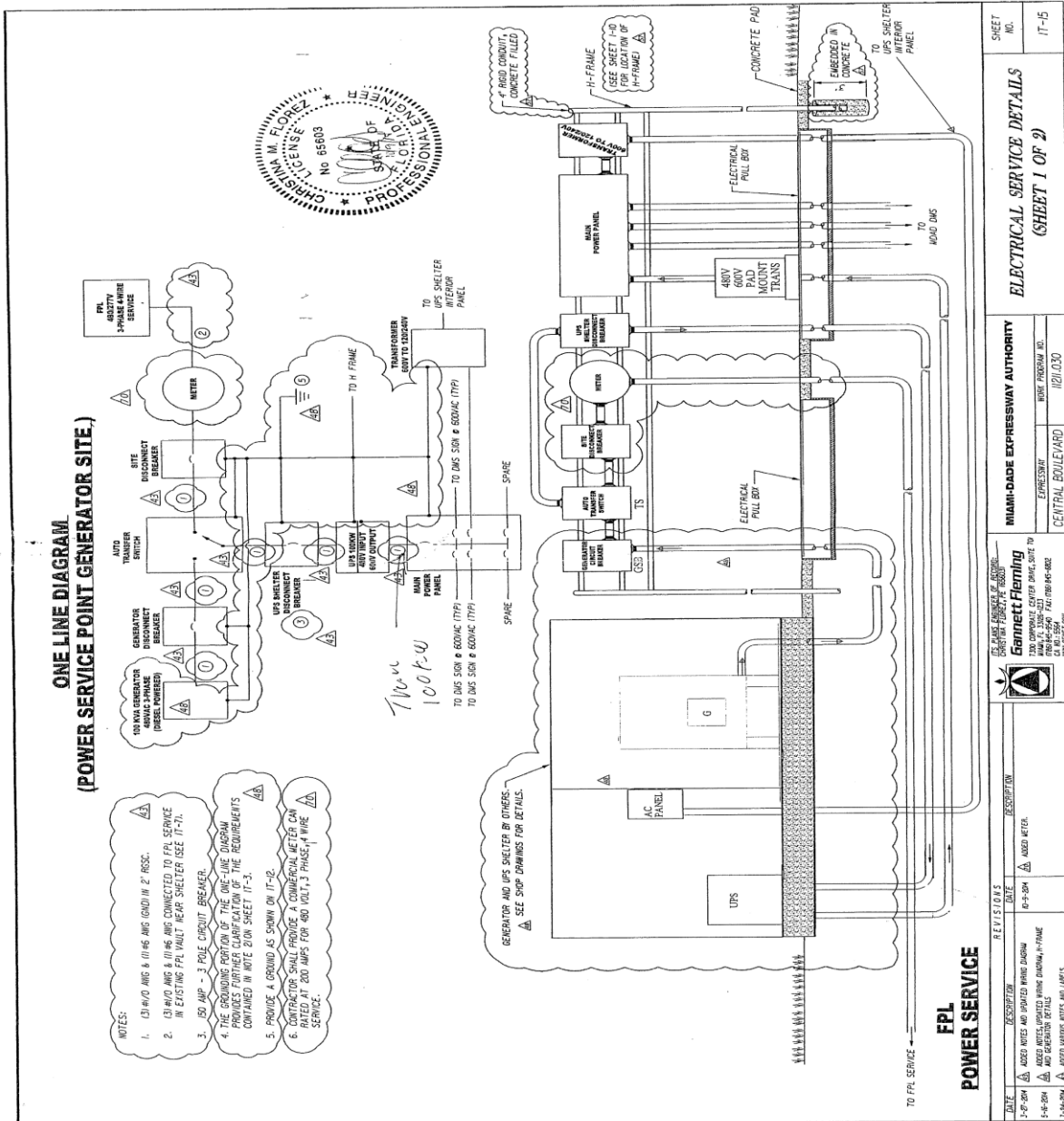


UPS/Generator Building




# INVITATION TO QUOTE (ITQ) Miami-Dade Aviation Department

## Electrical Service Details





SHEET NO.	IT-10	TYPICAL CONCRETE PADS		12. ALAN HANSEN & SONS 12000 130TH AVE. N.E. BELLEVUE, WA 98005	2017 4-1-2017	REVISIONS	DATE	DESCRIPTION
						1 REVISION: INCREASED SPACING FROM 24" TO 36" AND ORIENTED VERT.	4-1-2017	1 REVISION: INCREASED SPACING FROM 24" TO 36" AND ORIENTED VERT.
MINIMUM-ORDER SUPPLEMENTARY AUTHORITY			TYPICAL CONCRETE PADS				12. ALAN HANSEN & SONS 12000 130TH AVE. N.E. BELLEVUE, WA 98005	
EXPRESSWAY			12. ALAN HANSEN & SONS 12000 130TH AVE. N.E. BELLEVUE, WA 98005				2017 4-1-2017	
CENTRAL BOULEVARD			12. ALAN HANSEN & SONS 12000 130TH AVE. N.E. BELLEVUE, WA 98005				2017 4-1-2017	





**ADDENDUM NO. 1**

**DATE: JULY 25, 2025**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. **THE BID CLOSING DATE HAS BEEN EXTENDED THROUGH 2:00 P.M., ON AUGUST 10<sup>TH</sup>, 2022.**

B. The following are the pre-bid questions received and corresponding County responses:

Q1. I would like to recommend that the scope include an additional year of full warranty including annual PMVs to allow the County more time to develop a full-scope service program.

Answer: MDAD will not be extending the warranty period of the new system beyond 1 year since MDAD will assume coverage under its general UPS service contract.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 2**

**DATE: AUGUST 9, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. The Bid closing date for Solicitation No. AV-67323-22-JM, has been extended through 2:00 p.m., on August 17, 2022.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 3**

**DATE: AUGUST 10, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are the pre-bid questions received and corresponding County responses:

Q1. Please find attached our Spec for approval for this project. Please advise if it does not meet your criteria for this scope.

Answer: The equipment proposed in the attached data sheets has been approved by MDAD.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**Miami-Dade Aviation Department (MDAD)**

**ITQ No.: AV-67323-22-JM**

**July 20, 2022**

**Provided for Review and Approval**

Reason: Eaton UPS is specified for project with option for substitutes. Schneider Electric is our substitute option. Please let us know if the below do not fit the scope as intended by the County.

**Schneider Electric**  
**Galaxy VS**

Data Center Grade 3-Phase Uninterruptible Power Supply

**3 × 480 V UPS - Guide Specifications**

**20 kW to 150 kW UPS**

*THIS GUIDE SPECIFICATION IS WRITTEN IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) MASTERFORMAT. THIS SECTION MUST BE CAREFULLY REVIEWED AND EDITED BY THE ARCHITECT OR THE ENGINEER TO MEET THE REQUIREMENTS OF THE PROJECT. COORDINATE THIS SECTION WITH OTHER SPECIFICATION SECTIONS IN THE PROJECT MANUAL AND WITH THE DRAWINGS.*

*WHERE REFERENCE IS MADE THROUGHOUT THIS SECTION TO "PROVIDE", "INSTALL", "SUBMIT", ETC., IT SHALL MEAN THAT THE CONTRACTOR, SUBCONTRACTOR, OR CONTRACTOR OF LOWER TIER SHALL "PROVIDE", "INSTALL", "SUBMIT", ETC., UNLESS OTHERWISE INDICATED.*

*THIS SECTION IS WRITTEN TO INCLUDE THE 2004 MASTERFORMAT AND THE 1995 MASTERFORMAT VERSIONS. WHERE APPLICABLE, THESE ITEMS ARE BRACKETED AND, IN EACH CASE, UNLESS OTHERWISE INDICATED, THE FIRST CHOICE APPLIES TO THE 2004 MASTERFORMAT AND THE SECOND CHOICE APPLIES TO THE 1995 MASTERFORMAT.*





## SECTION [26 33 63] [16611]

## SOLID-STATE UNINTERRUPTIBLE POWER SUPPLY

## Part 1 GENERAL

## 1.1. Related documents

- A. Drawings and general provisions of the Contract, including General Conditions, [Division 01 GENERAL REQUIREMENTS] [Division 1 GENERAL REQUIREMENTS], and other applicable specification sections in the Project Manual apply to the work specified in this Section.

## 1.2. Summary

- A. **Scope:** Provide design and engineering, labor, material, equipment, related services, and supervision required, including, but not limited to, manufacturing, fabrication, erection, and installation for a solid-state uninterruptible power supply (UPS) as required for the complete performance of the work, and as shown on the Drawings and as herein specified.
- B. **Section includes:** This specification describes a three-phase, on-line, continuous operation, solid-state uninterruptible power supply (UPS). The UPS shall operate as an active power control system, working in conjunction with the building electrical system to provide power conditioning and on-line power protection for the critical loads.

## 1.3. References

- A. **General:** The publications listed below form a part of this Specification to the extent referenced. The publications are referred to in the text by the basic designation only. The edition/revision of the referenced publications shall be the latest date as of the date of the Contract Documents, unless otherwise specified.
- B. **Institute of Electrical and Electronics Engineers, Inc. (IEEE):**
  - 1. ANSI/IEEE C62.41, "Recommended Practice for Surge Voltages in Low-Voltage AC Power Circuits" (copyrighted by IEEE, ANSI approved)
- C. **International Organization for Standardization (ISO):**
  - 1. ISO 9001, "Quality Management Systems - Requirements."
  - 2. ISO 14001, "Environmental Management Systems - Requirements with Guidance for Use"
- D. **National Electrical Manufacturers Association (NEMA):**
  - 1. NEMA PE 1, "Uninterruptible Power Systems (UPS) - Specification and Performance Verification"
- E. **National Fire Protection Association (NFPA):**





1. NFPA 70, "National Electrical Code" (copyrighted by NFPA, ANSI approved) - hereafter referred to as NEC
- F. **Underwriters Laboratories, Inc. (UL):**
  1. UL 1778, 5th edition, "Standard for Uninterruptible Power Supply Equipment" (copyrighted by UL, ANSI approved)
  2. UL 891, "Standard for Dead-Front Switchboards" (copyrighted by UL, ANSI approved)
  3. UL 1558, "Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear"
  4. UL 924, "Emergency Lighting and Power Equipment"
  5. CSA 22.2 No 141-15, "Emergency Lighting and Power Equipment"
- G. **International Electrical Commission (IEC):**
  1. IEC 62040-1: 2008 (First Edition) + Am 1: 2013 "General and safety requirements for UPS"
  2. IEC 62040-2: 2016 Category C2, "Electromagnetic compatibility (EMC) requirements"
  3. IEC 62040-3, "Uninterruptible Power Systems - Method of Specifying the Performance and Test Requirements"
- H. **FCC**
  1. FCC part 15 Subpart B Class A.

#### 1.4. Submittals

- A. **Proposal Submittals:**
  1. System bill of materials (level one).
  2. Product technical specifications or equipment brochures.
  3. Product specifications.
  4. System operation diagram.
  5. Installation manual.
  6. Drawings for requested optional accessories.
- B. **Delivery Submittals:**
  1. Installation manual, which includes unpacking and installation of all systems.
  2. Operation manual, which includes start-up and operating instructions.

#### 1.5. Quality assurance

- A. **Qualifications**
  1. **Manufacturer experience:** The manufacturer shall have a minimum of 20 years' experience in the design, manufacture, and testing of UPS systems.
  2. **ISO 9001 Certification:** The manufacturer shall be ISO 9001 & 14001 certified. Certification assures that the vendor's quality control & environmental measures have been certified by an accredited registrar and meet internationally recognized standards.
  3. **Installer Qualifications:** Installer shall be a firm that shall have a minimum of five years of successful installation experience with projects utilizing solid state UPS similar in type and scope to that required for this Project.





**B. Factory testing**

Prior to shipment the manufacturer shall complete a documented test procedure to test functions of the UPS module and batteries (via a discharge test), when supplied by the UPS manufacturer, and warrant compliance with this Section.

**C. Pre-installation conference**

Conduct pre-installation conference in accordance with [Section 01 31 19 PROJECT MEETINGS] [Section 01200 PROJECT MEETINGS]. Prior to commencing the installation, meet at the Project site to review the material selections, installation procedures, and coordination with other trades. Pre-installation conference shall include, but shall not be limited to, the Contractor, the Installer, and any trade that requires coordination with the work. Date and time of the pre-installation conference shall be acceptable to the Owner and the Architect/Engineer.

**D. Source responsibility**

Materials and parts comprising the UPS shall be new, of current manufacture, and shall not have been in prior service, except as required during factory testing. Active electronic devices shall be solid state and shall not exceed the manufacturer's recommended tolerances for temperature or current to ensure maximum reliability. Semiconductor devices shall be sealed. Relays shall be provided with dust covers. The manufacturer shall conduct inspections on incoming parts, modular assemblies, and final products.

**1.6. Delivery, storage, and handling**

- A. Deliver materials to the Project site in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, and lot number, if any.
- B. Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.
- C. Products shall be packaged in a manner to prevent penetration by debris and to allow safe delivery by modes of ground transportation and air transportation where specified.
- D. Prior to shipping, products shall be inspected at the factory for damage.
- E. Equipment shall be protected against extreme temperature and humidity and shall be stored in a conditioned or protected environment.
- F. Equipment containing batteries shall not be stored for a period exceeding three months without powering up the equipment for a period of eight hours to recharge the batteries.

**1.7. Project conditions**

Do not install solid state UPS until space is enclosed and weatherproof, wet work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

**A. Environmental requirements**

- 1. Storage ambient temperature:
  - a. -25 °C to 55 °C (-13 °F to 131 °F) for UPS.
  - b. -15 °C to 40 °C (5 °F to 104 °F) for batteries.
- 2. Operating ambient temperature:
  - a. 0 °C to 40 °C (32 °F to 104 °F) without load derating.





- b. From 40 °C to 50 °C (104 °F to 122 °F) with load derating.
- 3. Operating relative humidity: 0 to 95%, non-condensing.
- 4. Elevation derating according to IEC 62040-3:
  - a. Up to 1000 m (3300 feet): 1.000
  - b. Up to 1500 m (5000 feet): 0.975
  - c. Up to 2000 m (6600 feet): 0.950
  - d. Up to 2500 m (8300 feet): 0.925
  - e. Up to 3000 m (10000 feet): 0.900

#### 1.8. Warranty

- A. **General:** See [Section 01 77 00 - CLOSEOUT PROCEDURES]  
[Section 01770 - CLOSEOUT PROCEDURES].
- B. **Special Warranty:** The Contractor shall warrant the work of this Section to be in accordance with the Contract Documents and free from faults and defects in materials and workmanship for period indicated below. This special warranty shall extend the one-year period of limitations contained in the General Conditions. The special warranty shall be countersigned by the Installer and the manufacturer.
  - 1. **UPS:** The UPS shall be covered by a full parts and labor warranty from the manufacturer for a period of 12 months from date of installation or acceptance by the Owner or 18 months from date of shipment from the manufacturer, whichever occurs first.
  - 2. **Battery:** The battery manufacturer's warranty shall be passed through to the final Owner and shall have a minimum period of one year.
- C. **Additional Owner Rights:** The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

## Part 2 PRODUCT

#### 2.1. Manufacturer

- A. **Schneider Electric:** Galaxy VS. No substitutes will be considered.

OR

- B. **Schneider Electric:** Galaxy VS or approved equal. However, if a brand other than Schneider is proposed, the decision of the Engineer shall be final and a "differentiation report" must be submitted. This report shall address each paragraph of the specification individually and list any difference from what is specified. If there are no differences, a report stating so shall be provided. If, after installation, omitted differences are found, the Contractor shall correct differences to the satisfaction of the Owner and Engineer or unsatisfactory equipment shall be removed and equipment acceptable to the Owner and Engineer shall be installed at no additional cost to the





project. Also, make modifications to the facilities infrastructure as needed to accommodate the substitute, at no additional cost to the project. Examples of modifications include, but are not limited to the following:

1. Structural reinforcement to accommodate heavier equipment.
2. Increased sizes of circuit breakers, raceways, and wiring.
3. Larger back-up generators (including upgraded accessories and wiring) to avoid instability caused by most double conversion UPS systems.
4. Larger HVAC equipment (including duct work and wiring) to accommodate increased heat dissipation of less efficient UPS systems.

## 2.2. System description

### A. General

1. The UPS shall be housed in a freestanding cabinet with casters. Maintenance shall be possible from the front.
2. The UPS shall be in a self-contained cabinet and shall be available in the following models:
  - a. 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, 100 kW, 120 kW, and 150 kW.
  - b. (Optional) the UPS shall offer internal N+1 redundancy by providing an extra power module to ensure redundancy. The following models shall be available: 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, and 100 kW with N+1 redundant power module.
  - c. (Optional) the UPS shall have the possibility of scaling from 50 kW to 150 kW using combinations of 20 kW power modules and/or 50 kW power modules and reconfiguring automatically when new power modules are inserted. Scalable models have halogen-free cables.
3. Live swap of power modules in any operation mode shall be possible.
4. Output power factor: 1.0.
5. Backfeed contactor included.
6. The UPS shall support installation with either 3-wire (L1, L2, L3, PE) WYE or 4-wire (L1, L2, L3, N, PE) WYE. The supply for input and bypass must be solid-grounded WYE transformers. Delta input supply for either input or bypass is not permitted.
7. The UPS shall contain a static bypass switch and a display. The UPS shall be of the double conversion on-line topology with power factor corrected inputs.
  - a. The UPS shall be sized for \_\_\_\_\_ kVA/kW load.
  - b. The UPS battery shall be sized for \_\_\_\_\_ at a power factor of \_\_\_\_\_ for \_\_\_\_\_ minutes.
8. The UPS shall be using a modular design in which power functions, static bypass, and system control are embedded in modules for optimal MTTR.
9. The UPS shall have a short circuit rating of 65 kA RMS.
10. The UPS shall be tested against EMC (electromagnetic compatibility) according to FCC part 15 Subpart B Class A.

### B. System input

1. Nominal input voltage rating: 480 V 3-phase.
2. Input voltage window: 408 V to 552 V.
3. Input frequency range: 40-70 Hz.
4. Input power factor:
  - a. 0.99 at load >50%
  - b. 0.95 at load >25%





5. Total harmonic distortion:
  - a. 50 kW, 100 kW, and 150 kW: < 3%
  - b. 20-40 kW, 60-80 kW, and 120 kW: < 5%
- C. **System output**
  1. Nominal output voltage rating: 480 V 3-phase. 208 V output is available in a system with a maintenance bypass cabinet with output transformer installed.
  2. Output voltage tolerance: +/- 1% for symmetrical loads.
  3. Dynamic load response:
    - a. +/- 5% after 2 ms
    - b. +/- 1% after 50 ms
  4. Output frequency: 50 or 60 Hz.
  5. Output voltage harmonic distortion:
    - a. <1% at 100% linear load
    - b. <5% at 100% non-linear load
  6. Overload capability:
    - a. 150% for 1 minute (normal operation)
    - b. 125% for 10 minutes (normal operation)
    - c. 125% for 1 minute (battery operation)
    - d. 125% continuous (bypass)
    - e. 1000% for 100 ms (bypass)
  7. Output power factor: 1.0
  8. Audible noise at full load:
    - a. 57 dBA at 70% load
    - b. 64 dBA at 100% load

### 2.3. Operation Modes

- A. **Normal:** In normal operation, the UPS supports the load with conditioned power.
- B. **Battery:** If the utility/mains supply fails, the UPS transfers to battery operation and supports the load with conditioned power from the DC source.
- C. **Requested static bypass:** The UPS can be transferred to requested static bypass following a command from the display. During static bypass operation, the load is supplied from the bypass source. If a fault is detected, the UPS will transfer to normal operation or forced static bypass operation. If there is an interruption to the utility/mains power supply during requested static bypass operation, the system will transfer to battery operation.
- D. **Forced static bypass:** The UPS is in forced static bypass following a command from the UPS system or because the user has pressed the inverter OFF button on the UPS. During forced static bypass operation, the load is supplied directly by the bypass source.
- E. **Internal maintenance bypass:** When the internal maintenance bypass breaker (IMB) is closed, the UPS transfers to internal maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed only on power modules, the static bypass switch module, and on the controller box during internal maintenance bypass operation. The internal maintenance bypass breaker IMB can only be used in single systems with no external maintenance bypass breaker.
- F. **External maintenance bypass:** When the maintenance bypass breaker (MBB) is closed in the external maintenance bypass panel/cabinet, the UPS transfers to external maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed on the entire UPS during external maintenance bypass.





- G. **Static bypass standby:** The UPS enters static bypass standby if the UPS is prevented from entering forced static bypass and the other UPS units of the parallel system can support the load. In static bypass standby, the output of the specific UPS is off. The UPS automatically changes to the preferred operation mode when possible. Note: If the other UPS units cannot support the load, the parallel system enters forced static bypass. The UPS in static bypass standby will then transfer to forced static bypass.
- H. **ECO mode:** ECO mode allows the UPS to be configured to use requested static bypass, with the load supplied through the bypass, as the preferred operation mode under predefined circumstances. If a fault is detected (bypass voltage out of tolerance, output voltage out of tolerance, etc.), the UPS will immediately transfer to normal operation or forced static bypass. The main advantage of ECO mode is a reduction in the consumption of electrical power. In case of interruption to the utility/mains supply, the UPS transfers to inverter operation for a continuous supply of the load. The batteries are charged when the UPS is in ECO mode.
- I. **EConversion mode:** EConversion allows the UPS system to supply the active part of the load through the static bypass. The inverter is kept running in parallel with the bypass source and supplies the reactive part of the load. The input power factor of the UPS is, regardless of the load power factor, maintained close to unity as the reactive part of the load is significantly reduced in the UPS input current. In case of an interruption to the utility/mains supply, the inverter immediately maintains the output voltage so that breaks or drops during the transfer from EConversion mode are practically eliminated. The batteries are charged when the UPS is in EConversion mode.

#### 2.4. Components

##### A. Rectifier

- 1. The UPS shall include an active power factor corrected rectifier.
- 2. The input current limiter shall be designed to:
  - a. Fast battery recharge:
    - 1) 80% of the UPS output rating at <40% load
    - 2) 20% of the UPS output rating at 100% load
  - b. Provide regulation with input deviation of up/down to +/-15% of the nominal input voltage.
- 3. The battery charging shall keep the float voltage of
  - a. 436-654 VDC for 32-48 blocks (20 kW, 30 kW, 40 kW, and 80 kW).
  - b. 477-654 VDC for 35-48 blocks (60 kW).
  - c. 545-654 VDC for 40-48 blocks (50 kW, 100 kW, 120 kW, and 150 kW).
- 4. The battery charging voltage shall be compensated against temperature variations (battery temperature compensation) to always maintain optimal battery float charging. Temperature compensation rate shall be 3.3 mV/degree/cell for ambient temperatures > 25 °C and 0mV/°C for ambient temperatures < 25 °C.
- 5. Input power factor shall be 0.98 lagging at 100% load without the use of passive filters. Rectifier shall employ electronic waveform control technology to maintain the current sinusoidal.
- 6. Pulse Width Modulation (PWM) current control shall be used. Digital Signal Processors (DSP) shall be used for all monitoring and control tasks. Analog control shall not be acceptable.

##### B. Inverter

- 1. The inverter shall consist of fast switching IGBTs.
- 2. The inverter shall be a 3-level hybrid inverter.





3. Inverter shall be PWM controlled using DSP logic. Analog control shall not be acceptable.
  4. The inverter modules shall be rated for an output power factor at 1.0.
  5. Nominal output voltage shall be 480 V 3-phase.
- C. **Static bypass switch**
1. The static bypass switch shall consist of fully rated Silicon Controlled Rectifiers (SCRs). Partly rated SCRs with a wraparound contactor shall not be acceptable.
  2. The static bypass switch shall be of modular design with connectors at the rear.
  3. The static bypass switch shall automatically transfer the load to bypass supply without interruption after the logic senses one of the following conditions:
    - a. Inverter overload beyond rating.
    - b. Battery runtime expired and bypass available.
    - c. Inverter inoperable.
    - d. Control system inoperable.
  4. The static bypass switch shall automatically retransfer from bypass to the inverter.
  5. The inverter shall be active (on).
  6. The static bypass switch shall be equipped with a manual means of transferring the load to bypass and back to inverter.
- D. **Battery**
1. **General:** The UPS shall use an open cell, a valve-regulated sealed lead-acid heavy duty industrial battery or Lithium-ion battery, designed for auxiliary power service in a UPS application.
    - a. End of discharge voltage at full load:
      - 1) 307 VDC for 32 blocks (20 kW, 30 kW, 40 kW, and 80 kW UPS).
      - 2) 336 VDC for 35 blocks (60 kW UPS).
      - 3) 384 VDC for 40 blocks (50 kW, 100 kW, 120 kW, and 150 kW UPS).
    - b. Battery charge current limit: The selection shall be made from the display. The battery charge current limit should be software and hardware current limit.
    - c. The battery charging circuit shall remain active when the PFC operates normally.
  2. **Classic battery cabinets:**
    - a. The classic battery cabinet shall feature valve regulated, high-rate discharge, lead-acid batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
    - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
    - c. Non-redundant construction - one battery string per cabinet.
    - d. The classic battery cabinet shall match the UPS cabinet.
    - e. Each classic battery cabinet shall require front access only for installation, service, and maintenance.
    - f. Each classic battery cabinet shall feature a DC-rated circuit breaker. The circuit breaker within the classic battery cabinet shall only provide protection to the battery string within the classic battery cabinet.
  3. **Modular Battery Cabinet:**
    - a. The modular battery cabinet shall feature sealed lead-acid batteries.
    - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
    - c. The modular battery cabinet shall match the UPS cabinet.
    - d. Each modular battery cabinet shall require front access only for service and maintenance.





- e. Each modular battery cabinet shall feature a DC-rated circuit breaker.
- f. The modular battery cabinet shall be installed remotely or adjacent next to the UPS with the use of an optional installation kit.
- g. The modular batteries shall be user swappable by using the DC disconnect device located at the front of the modular battery cabinet.
- h. The modular batteries shall be available in two versions - standard life (3-5 years) or long-life (10 years Eurobat).
- i. Runtime shall be scalable by adding modular battery strings over time.
- j. Redundancy shall be offered by using additional modular battery strings.

4. **Lithium-ion Battery Solution:**

- a. The battery cabinet shall feature lightweight, compact, long-life Lithium-ion batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
- b. Each battery cabinet shall require front access only for installation, service, and maintenance.
- c. Each battery cabinet shall feature a DC rated circuit breaker. The circuit breaker within the battery cabinet shall only provide protection to the battery string within that battery cabinet.

5. **Battery monitoring:**

- a. Battery monitoring shall be provided at system level.
- b. The UPS shall incorporate a battery capacity test that will determine the available runtimes.
- c. The Lithium-ion battery solution shall communicate with the UPS via dry contacts.

2.5. **Mechanical**

- A. The UPS shall be housed in a freestanding cabinet with casters.
- B. Dust filter shall be available in two versions for different dust protection capabilities.
- C. The cable entry shall be from the bottom or rear of the UPS.
- D. The cabling section shall be large enough to accept copper and aluminum cables.
- E. The UPS shall have the following dimensions: 1485x521x847 mm (58.46x20.51x33.35 in) and shall meet an ingress level of minimum IP21.
- F. The UPS shall offer an option of using 2-hole lugs to prevent risk of lug rotation after cable connection.
- G. The UPS shall have a seismic kit option.

2.6. **Display, controls, and alarms**

- A. A color touch screen display shall be located on the front of the UPS.
- B. The following metered data shall be available on the display:
  - 1. Year, month, day, hour, minute, second of occurring events.
  - 2. Input voltage.
  - 3. Input current.
  - 4. Input frequency.
  - 5. Output voltage.
  - 6. Output current.
  - 7. Output frequency.





8. Battery voltage.
9. Battery current.
10. Battery temperature.
- C. The display shall allow the user to display active alarms.
- D. The following controls or programming functions shall be accomplished by use of the display unit.
  1. Silence audible alarm.
  2. Set the alphanumeric display language.
  3. Display and set the date and time.
  4. Enable or disable the automatic restart feature.
  5. Transfer load to and from static bypass.
  6. Test battery condition on demand.
- E. LEDs for indication of operation mode.
- F. Push button user controls:
  1. Inverter ON.
  2. Inverter OFF.
- G. For purposes of remote communications with the UPS, a network management card shall be integrated.

## 2.7. Accessibility

- A. **Software and connectivity**
  1. The Ethernet Web/SNMP Adaptor shall allow one or more network management systems (NMS) to monitor and manage the UPS in TCP/IP network environments. The management information base (MIB) shall be provided in MIB formats. The SNMP interface adaptor shall be connected to the UPS via the RJ45 serial port on the standard communication interface board.
  2. The UPS shall offer a Modbus interface.
  3. The UPS shall be equipped with eight dry contacts (four inputs, four outputs) for user-assignable alarms or remote monitoring.
- B. **Remote UPS monitoring**

Three methods of remote UPS monitoring shall be available:

  1. Smartphone application: With remote monitoring and live system status and remote alarms.
  2. Web monitoring: Remote monitoring shall be available via a web browser such as Internet Explorer.
  3. Simple Network Management Protocol (SNMP): Remote UPS monitoring shall be possible through a standard MIB II compliant platform.
- C. **Software compatibility**

The UPS manufacturer shall have available software to support shutdown and or remote monitoring for the following systems.





## Part 3 EXECUTION

### 3.1. Examination

- A. **Verification of conditions:** Examine areas and conditions under which the work is to be installed, and notify the Contractor in writing, with a copy to the Owner and the Architect/Engineer, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
  - 1. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Installer.

### 3.2. Installation

Preparation and installation shall be in accordance with reviewed product data, final shop drawings, manufacturer's written recommendations, and as indicated on the Drawings.

### 3.3. Manufacturer assisted start-up

A manufacturer assisted UPS start-up shall be available, manufacturer trained service personnel shall perform the following inspections, test procedures, and on-site training:

- A. **Visual Inspection:**
  - 1. Inspect equipment for signs of damage.
  - 2. Verify installation per manufacturer's instructions.
  - 3. Inspect cabinets for foreign objects.
  - 4. Inspect batteries.
- B. **Mechanical Inspection:**
  - 1. Check all UPS, external battery cabinets internal power wiring connections.
  - 2. Check all UPS, external battery cabinets terminal screws, nuts, and/or spade lugs for tightness.
- C. **Electrical Inspection:**
  - 1. Verify correct input and bypass voltage.
  - 2. Verify correct phase rotation of all mains connections.
  - 3. Verify correct UPS control wiring and terminations.
  - 4. Verify voltage of batteries.
  - 5. Verify neutral and ground conductors are properly landed.
- D. **Site Testing:**
  - 1. Ensure proper system start-up.
  - 2. Verify proper firmware control functions.
  - 3. Verify proper firmware bypass operation.
  - 4. Verify proper maintenance bypass switch operation.
  - 5. Verify system set points.
  - 6. Verify proper inverter operation and regulation circuits.
  - 7. Simulate input power failure.
  - 8. Verify proper charger operation.
  - 9. Document, sign, and date all test results.
- E. **On-Site Operational Training:** During the manufacturer assisted start-up, operational training for site personnel shall include LED indicators, start-up and shutdown procedures, maintenance bypass and AC disconnect operation, and alarm information.





### 3.4. Manufacturer field service

- A. **Worldwide service:** The UPS manufacturer shall have a worldwide service organization available, consisting of factory trained field service personnel to perform start-up, preventative maintenance, and service of the UPS system and power equipment. The service organization shall offer 24 hours a day, 7 days a week, 365 days a year service support.

### 3.5 Demonstration

Provide the services of a manufacturer-authorized service representative of the manufacturer to provide start-up service and to demonstrate and train the Owner's personnel.

- B. Test and adjust controls and safety. Replace damaged or inoperable controls and equipment.
- C. Train the Owner's maintenance personnel on procedures and schedules related to start-up and shutdown, troubleshooting, servicing, and preventive maintenance.
- D. Review data in operation manual with the Owner's personnel.

### 3.6 Maintenance

- 3.6.1 Maintenance contracts:** A complete offering of preventative and full-service maintenance contracts for the UPS system and the battery system shall be available. All contract work shall be performed by Schneider Electric trained service personnel.
- 3.6.2** The manufacturer shall, upon request, provide spare parts kits for the UPS module in a timely manner as well as provide access to qualified and trained service personnel to provide preventative maintenance and service on the UPS module when required.
- 3.6.3** The UPS shall be repairable by replacing standard subassemblies requiring no adjustments.
- 3.6.4** The UPS shall be designed to support power module insertion and removal in any mode of operation when performed by a qualified person following safety related work practices. A recognized accreditation laboratory shall certify basic touch compliance to IEC62040 & IEC60950 through all stages of the swap. A recognized accreditation laboratory shall witness arc flash incident energy exposure testing in compliance with UL RP 2986 and verify that the qualified person is not exposed to incident energies exceeding 1.2cal/cm<sup>2</sup> through all stages of the swap.
- 3.6.5** UPS subassemblies shall be accessible from the front. UPS design shall provide maximum reliability and minimum MTTR (mean time to repair). To that end, the UPS shall be equipped with a self-test function to verify correct system operation. The self-test function shall identify the subassembly requiring repair in the event of an alarm condition. The electronic UPS control and monitoring assembly shall therefore be fully microprocessor-based, thus doing away with potentiometer settings. This shall allow:
  - 3.6.5.1** Auto-compensation of component drift.
  - 3.6.5.2** Self-adjustment of replaced subassemblies.
  - 3.6.5.3** Extensive acquisition of information vital for computer-aided diagnostics (local or remote).





**3.6.5.4** Socket connection to interface with computer-aided diagnostics system.

### **3.7 Training**

UPS service training workshop: A UPS service training workshop shall be available from the UPS manufacturer. The service training workshop shall include a combination of lecture and practical instruction with hands-on laboratory sessions. The service training workshop shall include instruction about safety procedures, UPS operational theory, sub-assembly identification and operation, system controls and adjustment, preventative maintenance, and troubleshooting.

**END OF SECTION**





AV-67323-22-JM  
MIA Central Boulevard signage UPS Replacement  
Pre-Bid Conference and Walk-through  
July 13<sup>th</sup>, 2022 – 10:00 a.m.

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Roberto Gonzalez	Power Systems	(305) 775-6386	rgonzalez@ps-fl.com
Mateo Torts	CCT	561-451-5181	mateo@cci.tech
Richard Garcia	MDAD. Signage	305.869.1040	rgarcia@miami-airport.com
Jorge Alvarez	MDAD Signage	305. 869. 1455	j.alvarez@miami-airport.com.
Katherine Freitas	CEG	954-804-8174	kfreitas@cihaales.com
Dennis Fontaine	Universal Signage	954-658-9214	Dennis@fontaine.com



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

**PART III. PRICING FORM**

- A. The Bidder's prices per this Section, shall be inclusive of all costs associated with providing the services herein, which shall include at minimum the removal and legal disposal of existing UPS, manufacturing, delivery and installation of new Equipment, prepare engineered drawings (signed & sealed by Professional Engineer) for permitting purposes, apply for and obtain all required permits, electrical work, and commissioning of the UPS, as further described in Section 2.
- B. Mobilization shall consist of the preparatory work and operations for beginning work on the project; costs of bonds and required insurance; costs of operations necessary to move personnel, equipment, supplies, and incidentals to the site; costs of establishment of temporary offices, shops, safety equipment and first aid supplies; and other costs associated with or required by the Contract Documents and any Federal, State, and/or local laws and regulations. No separate cost will be paid for mobilization. All costs related to mobilization shall be considered incidental to and included in the unit cost prices in this section.
- C. The Bidder's prices shall include all engineering, labor, permit(s), materials, tools, and equipment; all other direct and indirect costs necessary to complete the work and to coordinate it with adjacent work; and shall include all overhead and profit.
- D. All handling or storage costs incurred by the Contractor shall be considered incidental to the installation of the equipment and as such will not be considered for additional compensation.

**Phase 1**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
1	1	JOB	<u>PHASE 1</u> pursuant to PART II, SECTION 2.1	\$ 127,987.20
Contractor shall provide the below breakdown for information purposes only. The below pricing will not be evaluated to determine the lowest responsive responsible bidder.				
New Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet.				\$ 92,842.20
New 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.				\$ 17,105.50
Removal of existing UPS and Transformer an Installation of new UPS and Transformer.				\$ 18,040.00

**Phase 2**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
2	1	JOB	<u>PHASE 2</u> pursuant to PART II, Section 2.2 Commissioning of new UPS System, Submission of all applicable warranties, Completion of punch list, Final inspections, Project sign off.	\$ 20,350.00
<b>Phase 2 TOTAL:</b>				<b>\$ 20,350.00</b>

Project Total: \$148,337.20

NO Substitutes ☐ Or County Approved Equal ☒ If offering an approved equal provide specifications sheets



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

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**PART IV. ADDITIONAL TERMS**

**1. Contract Time**

Completion of the Work within the Contract Time is of the essence. The Contract Time for this Work is 170 calendar days from the effective date established in the Notice To Proceed.

**2. Small Business Enterprise (SBE)**

SBE Bid preference ☒ SBE Set Aside ☐

**3. Insurance Requirements**

A. The contractor shall furnish to the MDAD Purchasing or MDAD Risk Management, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation, as required by Chapter 440, Florida Statutes.
- B. Automobile Liability Insurance, covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than:
  - (1) \$5,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor on the AOA.
  - (2) \$1,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor off the AOA.
- C. Commercial General Liability Insurance, on a comprehensive basis, including Contractual Liability, Broad Form Property Damage and Products and Completed Operations, in an amount not less than \$5,000,000 combined single limit per occurrence for bodily injury and property damage. The County must be shown as an additional insured with respect to this coverage.

B. All required insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey or its equivalent, subject to the approval of the MDAD Risk Management Division OR, The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to do Business in Florida", issued by the State of Florida Department of Financial Services

C. Certificates of Insurance must meet the following requirements:

- 1. Certificate must indicate that no modification or change in insurance shall be made without thirty (30) days written advance notice to the certificate holder.
- 2. Signature of agent must be included.
- 3. If Automobile Liability Insurance is required above, insurance must be provided for all of the following vehicles:
  - a) Owned
  - b) Non-owned
  - c) Hired



**INVITATION TO QUOTE (ITQ)  
Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

4. If General or Public Liability Insurance is required above, Certificate of Insurance must show Miami-Dade County as an additional insured for that coverage.

5. Certificate Holder must read EXACTLY as presented below:

Miami Dade Aviation Department  
Attn.: Risk Management Division  
PO BOX 025504  
Miami, FL 33102

D. Compliance with the requirements in this Section shall not relieve the successful Bidder of its liability and obligation under this, or under any other, section of the Contract. The successful Bidder shall provide to the County the insurance documents within ten (10) business days after notification of recommendation to award. If the certificate submitted does not include the

**4. Performance and Payment Bond**

The Contractor to whom a contingent award is made after a quotation process shall duly execute and deliver to the County a Performance and Payment Bond in an amount that represents 100% of the Contractor's offer price. The Performance and Payment Bond Form supplied by the County shall be the only acceptable form for these bonds. No other form will be accepted. The completed form shall be delivered to the County within the time frame agreed by the vendor and MDAD after formal notice of award. If the vendor fails to deliver the payment and performance bond within this specified time, including granted extensions, the County shall declare the vendor in default of the contractual terms and conditions, and the vendor shall surrender its offer guaranty/bid bond, and the County shall not accept any offer from that vendor for a twelve (12) month period following such default.

The following specifications shall apply to any bond provided:

A. All bonds shall be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

Bond Amount Best Rating  
500,001 to 1,500,000 B V  
1,500,001 to 2,500,000 A VI  
2,500,001 to 5,000,000 A VII  
5,000,001 to 10,000,000 A VIII  
Over 10,000,000 A IX

B. On contract amounts of \$500,000.00 or less, the bond provisions of Section 287.0935, Florida Statutes (2007) shall be in effect and surety companies not otherwise qualifying with this paragraph may optionally qualify by:

- i. The surety company is licensed to do business in the State of Florida;
- ii. The surety company holds a certificate of authority authorizing it to write surety bonds in this state;
- iii. Providing evidence that the surety has twice the minimum surplus and capital required by the Florida Insurance Code at the time the solicitation is issued;
- iv. Certifying that the surety is otherwise in compliance with the Florida Insurance Code; and
- v. Providing a copy of the currently valid Certificate of Authority issued by the United States Department of the Treasury under SS. 31 USC 9304-9308.

Surety insurers shall be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds", published annually. The bond amount shall not exceed the underwriting limitations as shown in this circular.

C. For contracts in excess of 500,000 the provisions of Section B will be adhered to plus the company must have been listed



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**Miami-Dade Aviation Department**

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for at least three consecutive years or holding a valid Certificate of Authority of at least 1.5 million dollars and on the Treasury List.

D. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.

E. In lieu of a bond, an irrevocable letter of credit or a cash bond in the form of a certified cashier's check made out to the Board of County Commissioners will be acceptable. All interest will accrue to Miami-Dade County during the life of this contract and/or as long as the funds are being held by Miami-Dade County.

F. The attorney-in-fact or other officer who signs a contract bond for a surety company must file with such bond a certified copy of power of attorney authorizing the officer to do so. The contract bond must be counter signed by the surety's resident Florida agent.

**5. Liquidated Damages**

A. The parties to the Contract agree that time, in the completion of the Work, is of the essence. The County and the Contractor recognize and agree that the precise amount of actual damages for delay in the performance and completion of the Work is impossible to determine as of the date of execution of the Contract and that proof of the precise amount will be difficult. Therefore, the Contractor shall be assessed liquidated damages on a daily basis for each day that individual milestones, both interim and cumulative as specified in the Contract Documents, are not timely achieved or that contract time is exceeded due to a non-excusable delay. These liquidated damages shall be assessed, not as a penalty, but as compensation to the County for expenses which are difficult to quantify with any certainty and which were incurred by the County due to the delay. Therefore, in accordance with this section (Liquidated Damages) failure to complete the work within the stipulated phases and/or overall completion indicated preliminary schedule, or the project schedule as approved by MDAD: the Contractor and his sureties will be assessed Liquidated Damages as follows:

1. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled installation duration if the UPS installation is not completed on time, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the UPS is installed and in service.

2. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled project completion date, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the milestone delivery date is met.

B. The amount of liquidated damages assessed shall be an amount, as stipulated above, per day for each calendar day that individual milestones as specified in the Contract are not timely achieved or that the project is delayed due to a non-excusable delay.

C. In the event the Contractor fails to perform any other covenant or condition (other than time-related) of this Contract relating to the Work, the Contractor shall become liable to the County for any actual damages which the County may sustain as a result of such failure on the part of the Contractor. The County reserves the right to retain these amounts from monies due the Contractor.

D. Nothing in this Section shall be construed as limiting the right of the County to terminate the Contract and/or to require the Surety to complete said project and/or to claim damages for the failure of the Contractor to abide by each and every one of the terms of this Contract as set forth and provided for in the Contract Documents.



# **INVITATION TO QUOTE (ITQ)** **Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

## **PART V. SUBMITTAL FORM**

Bidder's Legal Name (include d/b/a if applicable):

Federal Tax Identification Number:

DCIM Solutions dba Critical Environments  
Group LLC

47-1141438

### **A. SMALL BUSINESS ENTERPRISE CONTRACT MEASURES (if applicable):**

A Small Business Enterprise (SBE) must be certified by the Small Business Development Division (SBD) for the type of goods and/or services the Bidder provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information, contact SBD at (305) 375-3111 or access <http://www.miamidade.gov/smallbusiness/certification-programs.asp>. The SBE must be certified by this Solicitation's submission deadline, at Contract award, and for the duration of the Contract to remain eligible for the preference. Firms that graduate from the SBE Program during the Contract may remain on the Contract.

☐ Place a check mark here **only** if affirming Bidder is a Miami-Dade County Certified Small Business Enterprise.

**IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), SMALL BUSINESS ENTERPRISE MEASURES SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.**

### **B. LOCAL PREFERENCE CERTIFICATION:**

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

☐ Place a check mark here **only** if affirming the Bidder meets requirements for Local Preference. **Failure to complete this certification at this time may render the vendor ineligible for Local Preference.**

**IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.**

### **C. LOCALLY HEADQUARTERED BUSINESS CERTIFICATION:**

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "locally headquartered business" is a Local Business as defined above, which has a "principal place of business" in Miami-Dade County. "Principal place of business" means the nerve center or the center of overall direction, control, and coordination of activities of the Bidder. If the Bidder has only one business location, such business location shall be its principal place of business.

☐ Place a check mark here **only** if affirming the Bidder meets requirements for the Locally Headquartered Preference (LHP). **Failure to affirm this certification at this time may render the vendor ineligible for the LHP.** The address of the Locally Headquartered office is:

**IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.**

### **D. LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE CERTIFICATION:**

A Local Certified Veteran's Business Enterprise is a firm that is: (a) a local business pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to [Section 295.187](#) of the Florida Statutes.

☐ Place a check mark here **only** if affirming the Bidder is a Local Certified Veteran's Business Enterprise. **A copy of the certification must be submitted with the bid.**



# **INVITATION TO QUOTE (ITQ)** **Miami-Dade Aviation Department**

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IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

**E. CONVICTION DISCLOSURE:**

Pursuant to Section [2-8.6](#) of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here only if the Bidder has such conviction to disclose to comply with this requirement.

**F. CONFLICT OF INTEREST DISCLOSURE:**

Pursuant to Section [2-11.1 \(c\) and \(d\)](#) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ YES or ☒ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ YES or ☐ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

**G. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:**

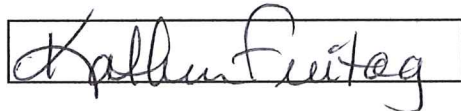
The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section [286.011](#) and Chapter [119](#). As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

**By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, by signing below, knowingly and expressly waives all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.**

**Acknowledgment of Waiver:**

Bidder's Authorized Representative's Signature:

Date:



August 17, 2022

Representative's Name:

Representative's Title:

Katherine Freitag

Sales Specialist



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**H. BIDDER'S CONTACT INFORMATION**

Bidder's Contact Person:

Email Address:

Katherine Freitag

Kfreitag@critialeg.com

Phone Number (include area code):

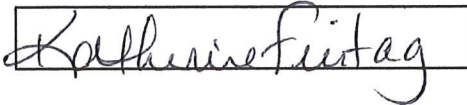
954-804-5474

**I. ACKNOWLEDGEMENT OF BINDING OFFER**

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature:

Date:



August 17, 2022

Representative's Name:

Representative's Title:

Katherine Freitag

Sales Specialist

This ITQ includes the following attachments:

- ☒ Drawings/Pictures/Site Maps
- ☒ Subcontracting Form



# **INVITATION TO QUOTE (ITQ)** **Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
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## **SUBCONTRACTING FORM**

Vendor Name DCIM Solutions dba Critical Environments Group LLC FEIN # 47-1141438

Complete "A" or "B":

- A. ☐ No subcontractors or direct suppliers will be utilized pursuant to this solicitation.
- B. ☒ The below listed subcontractors and/or suppliers will be utilized pursuant to this solicitation:

Business Name and Address of First Tier Subcontractor/ Subconsultant	Name of Principal Owner	Scope of Work to be Performed by Subcontractor /Subconsultant	Subcontractor / Subconsultant License (if applicable)
Universal Electrical Service, Inc.	Dennis Fontaine	Electrical Contractor	see attached Sunbiz info
IngemeI S.A., LLC	Maria Christine Morales	Electrical Engineer	see attached Sunbiz info
Business Name and Address of First Tier Direct Supplier	Name of Principal Owner	Supplies, Materials, and/or Services to be Provided by Supplier	
Schneider Electric, U.S.		UPS, Transformer	
One Boston Pl., 201 Washington St. Suite 700, Boston, MA 02108			

And

Below and/or attached is a detailed statement of the firm's policies and procedures for awarding subcontractors:

(Duplicate this form if additional space is needed to provide the required information)

When Subcontracting is allowed and subcontractors will be utilized, the Contractor shall comply with Section 2-8.8 of the Code - Fair Subcontracting Practices: (1) Prior to contract award, the Bidder shall provide a detailed statement of its policies and procedures for awarding subcontracts and (2) As a condition of final payment under a contract, the Contractor shall identify subcontractors used in the work, the amount of each subcontract, and the amount paid and to be paid to each subcontractor via the BMWS at <http://mdcsbd.gob2g.com>.

Pursuant to Section 2-8.1(f) of the Code - Listing of subcontractors required on certain contracts, for all contracts which involve the expenditure of one hundred thousand dollars (\$100,000) or more, the entity contracting with the County must report to the County the race, gender, and ethnic origin of the owners and employees of its first tier subcontractors and suppliers via the BMWS at <http://mdcsbd.gob2g.com>. The race, gender, and ethnic information must be submitted via BMWS as soon as reasonably available and, in any event, prior to final payment under the Contract. The Contractor shall not change or substitute first tier subcontractors or direct suppliers or the portions of the Contract work to be performed or materials to be supplied from those identified except upon written approval of the County.

*I certify that the information contained in this form is to the best of my knowledge true and accurate.*

  
 Signature of Vendor's Representative

Katherine Freitag  
 Print Name

Sales Specialist  
 Print Title

8/17/22  
 Date





[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

## Detail by Entity Name

Florida Profit Corporation  
UNIVERSAL ELECTRICAL SERVICES, INC.

### Filing Information

<b>Document Number</b>	P99000012481
<b>FEI/EIN Number</b>	65-0897079
<b>Date Filed</b>	02/09/1999
<b>State</b>	FL
<b>Status</b>	ACTIVE

### Principal Address

1540 NW 65TH AVE  
PLANTATION, FL 33313

Changed: 05/02/2007

### Mailing Address

1540 NW 65TH AVE  
PLANTATION, FL 33313

Changed: 05/02/2007

### Registered Agent Name & Address

FONTAINE, DENNIS R  
1540 NW 65TH AVE  
PLANTATION, FL 33313

Address Changed: 02/02/2010

### Officer/Director Detail

#### **Name & Address**

Title PSD

FONTAINE, DENNIS  
11651 NW 18TH COURT  
PLANTATION, FL 33323

Title D

FONTAINE, JAMIE



11651 NW 18TH COURT  
PLANTATION, FL 33323

#### Annual Reports

<b>Report Year</b>	<b>Filed Date</b>
2020	03/27/2020
2021	02/10/2021
2022	03/17/2022

#### Document Images

<a href="#">03/17/2022 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/10/2021 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/27/2020 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/08/2019 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/15/2018 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/27/2017 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/28/2016 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/02/2015 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/12/2014 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/15/2013 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/11/2012 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">01/10/2011 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/02/2010 -- Reg. Agent Change</a>	<a href="#">View image in PDF format</a>
<a href="#">01/15/2010 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">03/23/2009 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/01/2008 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">05/02/2007 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/28/2006 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/19/2005 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/26/2004 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">04/10/2003 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">06/16/2002 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/28/2001 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/24/2000 -- ANNUAL REPORT</a>	<a href="#">View image in PDF format</a>
<a href="#">02/09/1999 -- Domestic Profit</a>	<a href="#">View image in PDF format</a>





[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Search by Entity Name](#) /

## Detail by Entity Name

Florida Limited Liability Company

INGEMEL S.A., LLC

### Filing Information

**Document Number** L00000014110

**FEI/EIN Number** 65-1091671

**Date Filed** 11/07/2000

**State** FL

**Status** ACTIVE

### Principal Address

20871 JOHNSON STREET  
SUITE 115  
PEMBROKE PINES, FL 33029

Changed: 04/29/2005

### Mailing Address

20871 JOHNSON STREET  
SUITE 115  
PEMBROKE PINES, FL 33029

Changed: 04/29/2005

### Registered Agent Name & Address

MORALES, MARIACRISTINA  
20871 JOHNSON STREET  
SUITE 115  
PEMBROKE PINES, FL 33029

Name Changed: 04/28/2004

Address Changed: 04/29/2005

### Authorized Person(s) Detail

#### **Name & Address**

Title President

MORALES, PATRICIA  
20871 JOHNSON STREET, STE. 115  
PEMBROKE PINES, FL 33029



Title MGRM

MORALES, MARIA CRISTINA TREA  
20871 JOHNSON STREET, STE. 115  
PEMBROKE PINES, FL 33029

Title MGRM

MORALES, MARIA CLAUDIA SEC  
20871 JOHNSON STREET, STE. 115  
PEMBROKE PINES, FL 33029

Title MGRM

ARIAS, PEDRO MVPC  
20871 JOHNSON STREET, SUITE 115  
PEMBROKE PINES, FL 33029

**Annual Reports**

<b>Report Year</b>	<b>Filed Date</b>
2020	03/18/2020
2021	03/17/2021
2022	03/16/2022

**Document Images**

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**Critical Environments Group**  
**433 Plaza Real Suite 275**  
**Boca Raton , FL 33432**

**Quote #: 220817KMF0101**

Sales Rep: Katy Freitag  
 Email: [kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)  
 Contact #: 954-360-0601x7013

Project: MD Airport UPS Replacement  
 Client: Miami-Dade Aviation Department  
 Client Contact: Juliana Manjarres  
 Contact Phone:  
 Contact Address: 4331 NW 22nd St. Building 3040  
 Miami, FL 33122  
[jmanjarres@flymia.com](mailto:jmanjarres@flymia.com)

Quote Date: 8/17/2022

Quote Expires: 10/16/2022  
 OPP ID:

	Qty	Description	Unit Price	Extn'd Price
Phase 1	1	Pursuant to Part II, Section 2.1	\$ 127,987.20	\$ 127,987.20
		New Schneider Electric Galaxy VS UPS Unit 120kVA/120KW	\$ 92,842.20	
		Includes UPS, Battery Cabinet, Maintenance Bypass Cabinet, 5X8 Startup Rigging and Removal and Disposal, Freight and rental of Temporary UPS*		
		Square D Transformer 480/600	\$ 17,105.00	
		Removal of Existing UPS and Transformer and Installantion of new UPS and Transformer	\$ 18,040.00	
Phase 2	1	Phase 2 pursuant to Part II Section 2.2	\$ 20,350.00	\$ 20,350.00
		Includes Engineering and Permitting, Insurance Bond**		
		* Utilizing the current tranformer and Generator during the replacement will save the MDAD (\$12,000.00) in rental of the Temp UPS		
		** Removal of Insurance Bond witll decrease price by (\$10,000.00)		
				\$ 148,337.20

Terms: Net 30, Price does not include shipping or taxes unless noted.

Required Completion: 170 days

Signature

Date:

**Intelligent Solutions for Critical Environments**





## TERMS & CONDITIONS

1. **Applicability** – These Terms and Conditions apply to sales of products (hardware and/or software) and /or services by Critical Environments Group LLC (CEG) to its CUSTOMER. CUSTOMER will be deemed to have accepted these Terms and Conditions without additions or modifications by issuing a purchase order to CEG. These Terms and Conditions shall take precedence over any conflicting terms contained in a CUSTOMER Purchase Order or any terms implied under the provisions of the Uniform Commercial Code.

2. **Order and Shipment** – CUSTOMER will order products by sending a complete purchase order to CEG. CEG may accept or reject the purchase order for any reason. All shipments of products by CEG to CUSTOMER will be FOB point of shipment. Insurance coverage, transportation costs and all other expense applicable to shipment from CEG to CUSTOMER's identified point of delivery will be the responsibility of the CUSTOMER. Risk of loss will pass to the CUSTOMER upon delivery of the products to the common carrier or the CUSTOMER's representative at CEG' point of shipment.

3. **Price and Payment** – Prices for products will be set forth in a quotation from CEG. The prices quoted are exclusive of all applicable taxes, duties, licenses, and tariffs levied upon the sale, purchase or delivery of the products which remain the CUSTOMER's obligation. Payment is due thirty (30) days from the date of the invoice, except that COD accounts are due upon delivery. All payments will be made in US currency. CUSTOMER will pay interest in the amount of one and one half percent (1.5%) per month, or the maximum allowed by law whichever is lower, on any outstanding balance unpaid by the due date. In addition, CEG reserves the right to withhold shipment of any part of an order or to require pre-payment for any given shipment if CUSTOMER does not make timely payment.

4. **Returns and Warranty Assistance Service** – CEG will pass through to CUSTOMER and facilitate utilization of manufacturer's product return and warranty policies. In no event will CEG provide product return or warranty coverage beyond that provided by the manufacturer. Products that are accepted for return by CEG are subject to CEG' applicable restocking fee(s).

5. **Disclaimer and Limitation of Liability** – CEG MAKES NO WARRANTIES OF ANY KIND WITH REGARD TO THE PRODUCTS. CEG DISCLAIMS ALL REPRESENTATIONS AND WARRANTIES, EXPRESSED OR IMPLIED, AS TO THE PRODUCTS, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL CEG BE LIABLE FOR ANY LOSS, DAMAGE OR COST FOR BREACH OF WARRANTY. CEG WILL NOT, IN ANY EVENT, BE LIABLE FOR ANY LOSS OF REVENUE, PROFIT, USE OF DATA, INTERRUPTION OF BUSINESS OR FOR SPECIAL, INDIRECT, CONSEQUENTIAL, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THE PRODUCT, OR IN ANY WAY CONNECTED TO THIS AGREEMENT, EVEN IF CEG HAS BEEN ADVISED OF SUCH DAMAGES. THE FOREGOING LIMITATION OF LIABILITY WILL APPLY WHETHER ANY CLAIM IS BASED UPON PRINCIPLES OF CONTRACT, WARRANTY, NEGLIGENCE OR OTHER TORT, BREACH OF ANY STATUTORY DUTY, PRINCIPLES OF INDEMNITY OR CONTRIBUTION, OR OTHERWISE. IN NO EVENT WILL CEG' LIABILITY TO CUSTOMER EXCEED THE PURCHASE PRICE PAID FOR THE PRODUCT THAT IS THE BASIS FOR THE CLAIM.

6. **Cancellation of Order** – Any order placed with and accepted by CEG may be canceled by CUSTOMER only upon written approval of CEG and upon terms that indemnify CEG against all losses related to such order.

7. **Permitting Compliance** – CUSTOMER will obtain all licenses, permits and approvals required by any governmental agency, foreign or domestic, having jurisdiction over the transaction.

8. **General:**

A. These Terms and Conditions will be construed in accordance with the laws of the State of Florida.

B. The failure of either party to insist upon strict performance of any of the provisions of the Terms and Conditions will not be deemed a waiver of any breach or default.

C. If any provision of these Terms and Conditions is unenforceable as a matter of law, all other provisions will remain in effect.

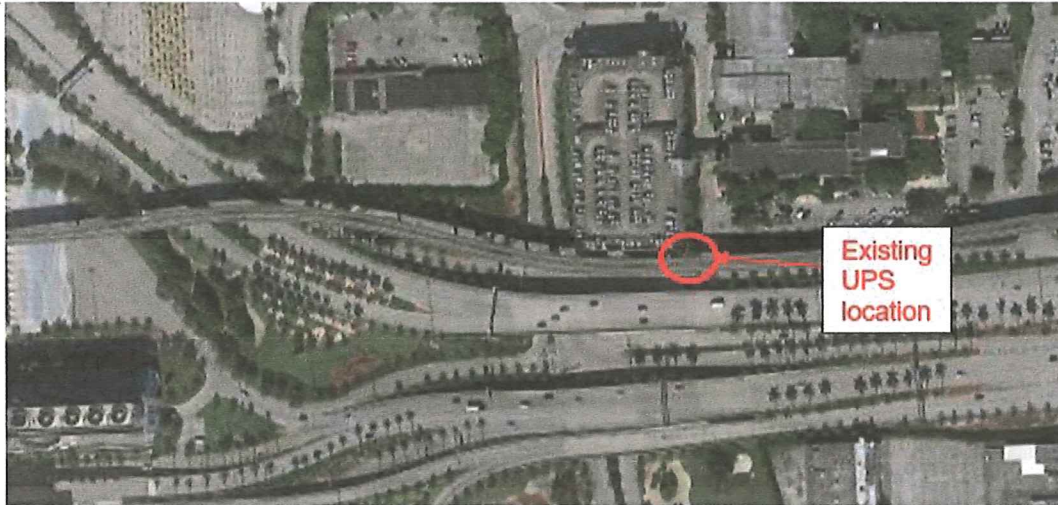
D. CEG will not be liable for any delay or failure of performance whatsoever due to acts of God, earthquakes, shortage of supplies, transportation difficulties, labor disputes, riots, war, fire, epidemics and similar occurrences.

These Terms and Conditions along with the purchase order accepted by CEG constitute the entire agreement between the parties as to the sale of products referenced in the purchase order and supersede all prior or current written or oral statements, representations, negotiations, agreements and understandings to the extent that prior or current agreements modify or are inconsistent herewith.



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

**Exhibit A**  
**ITQ No. AV-67323-22JM MIA Central Boulevard Signage UPS Replacement**

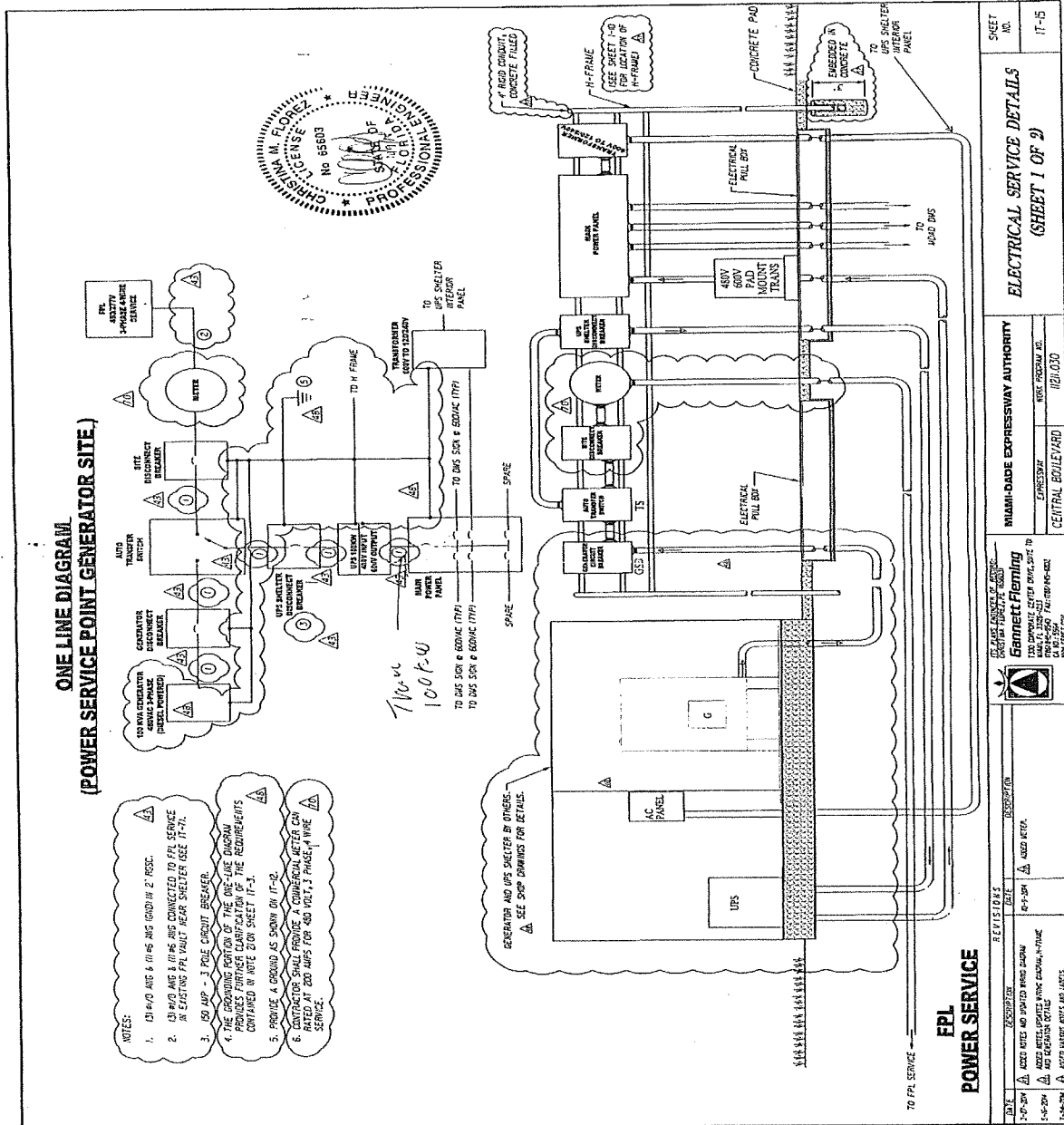


UPS/Generator Building



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

**Electrical Service Details**





[illegible]





**ADDENDUM NO. 1**

**DATE: JULY 25, 2025**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. **THE BID CLOSING DATE HAS BEEN EXTENDED THROUGH 2:00 P.M., ON AUGUST 10<sup>TH</sup>, 2022.**

B. The following are the pre-bid questions received and corresponding County responses:

Q1. I would like to recommend that the scope include an additional year of full warranty including annual PMVs to allow the County more time to develop a full-scope service program.

Answer: MDAD will not be extending the warranty period of the new system beyond 1 year since MDAD will assume coverage under its general UPS service contract.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 2**

**DATE: AUGUST 9, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. The Bid closing date for Solicitation No. AV-67323-22-JM, has been extended through 2:00 p.m., on August 17, 2022.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 3**

**DATE: AUGUST 10, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are the pre-bid questions received and corresponding County responses:

Q1. Please find attached our Spec for approval for this project. Please advise if it does not meet your criteria for this scope.

Answer: The equipment proposed in the attached data sheets has been approved by MDAD.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**Miami-Dade Aviation Department (MDAD)**

**ITQ No.: AV-67323-22-JM**

**July 20, 2022**

**Provided for Review and Approval**

Reason: Eaton UPS is specified for project with option for substitutes. Schneider Electric is our substitute option. Please let us know if the below do not fit the scope as intended by the County.

## **Schneider Electric**

### **Galaxy VS**

Data Center Grade 3-Phase Uninterruptible Power Supply

**3 x 480 V UPS - Guide Specifications**

**20 kW to 150 kW UPS**

*THIS GUIDE SPECIFICATION IS WRITTEN IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) MASTERFORMAT. THIS SECTION MUST BE CAREFULLY REVIEWED AND EDITED BY THE ARCHITECT OR THE ENGINEER TO MEET THE REQUIREMENTS OF THE PROJECT. COORDINATE THIS SECTION WITH OTHER SPECIFICATION SECTIONS IN THE PROJECT MANUAL AND WITH THE DRAWINGS.*

*WHERE REFERENCE IS MADE THROUGHOUT THIS SECTION TO "PROVIDE", "INSTALL", "SUBMIT", ETC., IT SHALL MEAN THAT THE CONTRACTOR, SUBCONTRACTOR, OR CONTRACTOR OF LOWER TIER SHALL "PROVIDE", "INSTALL", "SUBMIT", ETC., UNLESS OTHERWISE INDICATED.*

*THIS SECTION IS WRITTEN TO INCLUDE THE 2004 MASTERFORMAT AND THE 1995 MASTERFORMAT VERSIONS. WHERE APPLICABLE, THESE ITEMS ARE BRACKETED AND, IN EACH CASE, UNLESS OTHERWISE INDICATED, THE FIRST CHOICE APPLIES TO THE 2004 MASTERFORMAT AND THE SECOND CHOICE APPLIES TO THE 1995 MASTERFORMAT.*





## SECTION [26 33 63] [16611]

## SOLID-STATE UNINTERRUPTIBLE POWER SUPPLY

## Part 1 GENERAL

## 1.1. Related documents

- A. Drawings and general provisions of the Contract, including General Conditions, [Division 01 GENERAL REQUIREMENTS] [Division 1 GENERAL REQUIREMENTS], and other applicable specification sections in the Project Manual apply to the work specified in this Section.

## 1.2. Summary

- A. **Scope:** Provide design and engineering, labor, material, equipment, related services, and supervision required, including, but not limited to, manufacturing, fabrication, erection, and installation for a solid-state uninterruptible power supply (UPS) as required for the complete performance of the work, and as shown on the Drawings and as herein specified.
- B. **Section includes:** This specification describes a three-phase, on-line, continuous operation, solid-state uninterruptible power supply (UPS). The UPS shall operate as an active power control system, working in conjunction with the building electrical system to provide power conditioning and on-line power protection for the critical loads.

## 1.3. References

- A. **General:** The publications listed below form a part of this Specification to the extent referenced. The publications are referred to in the text by the basic designation only. The edition/revision of the referenced publications shall be the latest date as of the date of the Contract Documents, unless otherwise specified.
- B. **Institute of Electrical and Electronics Engineers, Inc. (IEEE):**
  - 1. ANSI/IEEE C62.41, "Recommended Practice for Surge Voltages in Low-Voltage AC Power Circuits" (copyrighted by IEEE, ANSI approved)
- C. **International Organization for Standardization (ISO):**
  - 1. ISO 9001, "Quality Management Systems - Requirements."
  - 2. ISO 14001, "Environmental Management Systems - Requirements with Guidance for Use"
- D. **National Electrical Manufacturers Association (NEMA):**
  - 1. NEMA PE 1, "Uninterruptible Power Systems (UPS) - Specification and Performance Verification"
- E. **National Fire Protection Association (NFPA):**





1. NFPA 70, "National Electrical Code" (copyrighted by NFPA, ANSI approved) - hereafter referred to as NEC
- F. **Underwriters Laboratories, Inc. (UL):**
  1. UL 1778, 5th edition, "Standard for Uninterruptible Power Supply Equipment" (copyrighted by UL, ANSI approved)
  2. UL 891, "Standard for Dead-Front Switchboards" (copyrighted by UL, ANSI approved)
  3. UL 1558, "Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear"
  4. UL 924, "Emergency Lighting and Power Equipment"
  5. CSA 22.2 No 141-15, "Emergency Lighting and Power Equipment"
- G. **International Electrical Commission (IEC):**
  1. IEC 62040-1: 2008 (First Edition) + Am 1: 2013 "General and safety requirements for UPS"
  2. IEC 62040-2: 2016 Category C2, "Electromagnetic compatibility (EMC) requirements"
  3. IEC 62040-3, "Uninterruptible Power Systems - Method of Specifying the Performance and Test Requirements"
- H. **FCC**
  1. FCC part 15 Subpart B Class A.

#### 1.4. Submittals

- A. **Proposal Submittals:**
  1. System bill of materials (level one).
  2. Product technical specifications or equipment brochures.
  3. Product specifications.
  4. System operation diagram.
  5. Installation manual.
  6. Drawings for requested optional accessories.
- B. **Delivery Submittals:**
  1. Installation manual, which includes unpacking and installation of all systems.
  2. Operation manual, which includes start-up and operating instructions.

#### 1.5. Quality assurance

- A. **Qualifications**
  1. **Manufacturer experience:** The manufacturer shall have a minimum of 20 years' experience in the design, manufacture, and testing of UPS systems.
  2. **ISO 9001 Certification:** The manufacturer shall be ISO 9001 & 14001 certified. Certification assures that the vendor's quality control & environmental measures have been certified by an accredited registrar and meet internationally recognized standards.
  3. **Installer Qualifications:** Installer shall be a firm that shall have a minimum of five years of successful installation experience with projects utilizing solid state UPS similar in type and scope to that required for this Project.





**B. Factory testing**

Prior to shipment the manufacturer shall complete a documented test procedure to test functions of the UPS module and batteries (via a discharge test), when supplied by the UPS manufacturer, and warrant compliance with this Section.

**C. Pre-installation conference**

Conduct pre-installation conference in accordance with [Section 01 31 19 PROJECT MEETINGS] [Section 01200 PROJECT MEETINGS]. Prior to commencing the installation, meet at the Project site to review the material selections, installation procedures, and coordination with other trades. Pre-installation conference shall include, but shall not be limited to, the Contractor, the Installer, and any trade that requires coordination with the work. Date and time of the pre-installation conference shall be acceptable to the Owner and the Architect/Engineer.

**D. Source responsibility**

Materials and parts comprising the UPS shall be new, of current manufacture, and shall not have been in prior service, except as required during factory testing. Active electronic devices shall be solid state and shall not exceed the manufacturer's recommended tolerances for temperature or current to ensure maximum reliability. Semiconductor devices shall be sealed. Relays shall be provided with dust covers. The manufacturer shall conduct inspections on incoming parts, modular assemblies, and final products.

**1.6. Delivery, storage, and handling**

- A. Deliver materials to the Project site in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, and lot number, if any.
- B. Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.
- C. Products shall be packaged in a manner to prevent penetration by debris and to allow safe delivery by modes of ground transportation and air transportation where specified.
- D. Prior to shipping, products shall be inspected at the factory for damage.
- E. Equipment shall be protected against extreme temperature and humidity and shall be stored in a conditioned or protected environment.
- F. Equipment containing batteries shall not be stored for a period exceeding three months without powering up the equipment for a period of eight hours to recharge the batteries.

**1.7. Project conditions**

Do not install solid state UPS until space is enclosed and weatherproof, wet work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

**A. Environmental requirements**

- 1. Storage ambient temperature:
  - a. -25 °C to 55 °C (-13 °F to 131 °F) for UPS.
  - b. -15 °C to 40 °C (5 °F to 104 °F) for batteries.
- 2. Operating ambient temperature:
  - a. 0 °C to 40 °C (32 °F to 104 °F) without load derating.





- b. From 40 °C to 50 °C (104 °F to 122 °F) with load derating.
- 3. Operating relative humidity: 0 to 95%, non-condensing.
- 4. Elevation derating according to IEC 62040-3:
  - a. Up to 1000 m (3300 feet): 1.000
  - b. Up to 1500 m (5000 feet): 0.975
  - c. Up to 2000 m (6600 feet): 0.950
  - d. Up to 2500 m (8300 feet): 0.925
  - e. Up to 3000 m (10000 feet): 0.900

## 1.8. Warranty

- A. **General:** See [Section 01 77 00 - CLOSEOUT PROCEDURES]  
[Section 01770 - CLOSEOUT PROCEDURES].
- B. **Special Warranty:** The Contractor shall warrant the work of this Section to be in accordance with the Contract Documents and free from faults and defects in materials and workmanship for period indicated below. This special warranty shall extend the one-year period of limitations contained in the General Conditions. The special warranty shall be countersigned by the Installer and the manufacturer.
  - 1. **UPS:** The UPS shall be covered by a full parts and labor warranty from the manufacturer for a period of 12 months from date of installation or acceptance by the Owner or 18 months from date of shipment from the manufacturer, whichever occurs first.
  - 2. **Battery:** The battery manufacturer's warranty shall be passed through to the final Owner and shall have a minimum period of one year.
- C. **Additional Owner Rights:** The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

## Part 2 PRODUCT

### 2.1. Manufacturer

- A. **Schneider Electric:** Galaxy VS. No substitutes will be considered.

OR

- B. **Schneider Electric:** Galaxy VS or approved equal. However, if a brand other than Schneider is proposed, the decision of the Engineer shall be final and a "differentiation report" must be submitted. This report shall address each paragraph of the specification individually and list any difference from what is specified. If there are no differences, a report stating so shall be provided. If, after installation, omitted differences are found, the Contractor shall correct differences to the satisfaction of the Owner and Engineer or unsatisfactory equipment shall be removed and equipment acceptable to the Owner and Engineer shall be installed at no additional cost to the





project. Also, make modifications to the facilities infrastructure as needed to accommodate the substitute, at no additional cost to the project. Examples of modifications include, but are not limited to the following:

1. Structural reinforcement to accommodate heavier equipment.
2. Increased sizes of circuit breakers, raceways, and wiring.
3. Larger back-up generators (including upgraded accessories and wiring) to avoid instability caused by most double conversion UPS systems.
4. Larger HVAC equipment (including duct work and wiring) to accommodate increased heat dissipation of less efficient UPS systems.

## 2.2. System description

### A. General

1. The UPS shall be housed in a freestanding cabinet with casters. Maintenance shall be possible from the front.
2. The UPS shall be in a self-contained cabinet and shall be available in the following models:
  - a. 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, 100 kW, 120 kW, and 150 kW.
  - b. (Optional) the UPS shall offer internal N+1 redundancy by providing an extra power module to ensure redundancy. The following models shall be available: 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, and 100 kW with N+1 redundant power module.
  - c. (Optional) the UPS shall have the possibility of scaling from 50 kW to 150 kW using combinations of 20 kW power modules and/or 50 kW power modules and reconfiguring automatically when new power modules are inserted. Scalable models have halogen-free cables.
3. Live swap of power modules in any operation mode shall be possible.
4. Output power factor: 1.0.
5. Backfeed contactor included.
6. The UPS shall support installation with either 3-wire (L1, L2, L3, PE) WYE or 4-wire (L1, L2, L3, N, PE) WYE. The supply for input and bypass must be solid-grounded WYE transformers. Delta input supply for either input or bypass is not permitted.
7. The UPS shall contain a static bypass switch and a display. The UPS shall be of the double conversion on-line topology with power factor corrected inputs.
  - a. The UPS shall be sized for \_\_\_\_\_ kVA/kW load.
  - b. The UPS battery shall be sized for \_\_\_\_\_ at a power factor of \_\_\_\_\_ for \_\_\_\_\_ minutes.
8. The UPS shall be using a modular design in which power functions, static bypass, and system control are embedded in modules for optimal MTTR.
9. The UPS shall have a short circuit rating of 65 kA RMS.
10. The UPS shall be tested against EMC (electromagnetic compatibility) according to FCC part 15 Subpart B Class A.

### B. System input

1. Nominal input voltage rating: 480 V 3-phase.
2. Input voltage window: 408 V to 552 V.
3. Input frequency range: 40-70 Hz.
4. Input power factor:
  - a. 0.99 at load >50%
  - b. 0.95 at load >25%





5. Total harmonic distortion:
  - a. 50 kW, 100 kW, and 150 kW: < 3%
  - b. 20-40 kW, 60-80 kW, and 120 kW: < 5%
- C. **System output**
  1. Nominal output voltage rating: 480 V 3-phase. 208 V output is available in a system with a maintenance bypass cabinet with output transformer installed.
  2. Output voltage tolerance: +/- 1% for symmetrical loads.
  3. Dynamic load response:
    - a. +/- 5% after 2 ms
    - b. +/- 1% after 50 ms
  4. Output frequency: 50 or 60 Hz.
  5. Output voltage harmonic distortion:
    - a. <1% at 100% linear load
    - b. <5% at 100% non-linear load
  6. Overload capability:
    - a. 150% for 1 minute (normal operation)
    - b. 125% for 10 minutes (normal operation)
    - c. 125% for 1 minute (battery operation)
    - d. 125% continuous (bypass)
    - e. 1000% for 100 ms (bypass)
  7. Output power factor: 1.0
  8. Audible noise at full load:
    - a. 57 dBA at 70% load
    - b. 64 dBA at 100% load

### 2.3. Operation Modes

- A. **Normal:** In normal operation, the UPS supports the load with conditioned power.
- B. **Battery:** If the utility/mains supply fails, the UPS transfers to battery operation and supports the load with conditioned power from the DC source.
- C. **Requested static bypass:** The UPS can be transferred to requested static bypass following a command from the display. During static bypass operation, the load is supplied from the bypass source. If a fault is detected, the UPS will transfer to normal operation or forced static bypass operation. If there is an interruption to the utility/mains power supply during requested static bypass operation, the system will transfer to battery operation.
- D. **Forced static bypass:** The UPS is in forced static bypass following a command from the UPS system or because the user has pressed the inverter OFF button on the UPS. During forced static bypass operation, the load is supplied directly by the bypass source.
- E. **Internal maintenance bypass:** When the internal maintenance bypass breaker (IMB) is closed, the UPS transfers to internal maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed only on power modules, the static bypass switch module, and on the controller box during internal maintenance bypass operation. The internal maintenance bypass breaker IMB can only be used in single systems with no external maintenance bypass breaker.
- F. **External maintenance bypass:** When the maintenance bypass breaker (MBB) is closed in the external maintenance bypass panel/cabinet, the UPS transfers to external maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed on the entire UPS during external maintenance bypass.





- G. **Static bypass standby:** The UPS enters static bypass standby if the UPS is prevented from entering forced static bypass and the other UPS units of the parallel system can support the load. In static bypass standby, the output of the specific UPS is off. The UPS automatically changes to the preferred operation mode when possible. Note: If the other UPS units cannot support the load, the parallel system enters forced static bypass. The UPS in static bypass standby will then transfer to forced static bypass.
- H. **ECO mode:** ECO mode allows the UPS to be configured to use requested static bypass, with the load supplied through the bypass, as the preferred operation mode under predefined circumstances. If a fault is detected (bypass voltage out of tolerance, output voltage out of tolerance, etc.), the UPS will immediately transfer to normal operation or forced static bypass. The main advantage of ECO mode is a reduction in the consumption of electrical power. In case of interruption to the utility/mains supply, the UPS transfers to inverter operation for a continuous supply of the load. The batteries are charged when the UPS is in ECO mode.
- I. **ECONversion mode:** ECONversion allows the UPS system to supply the active part of the load through the static bypass. The inverter is kept running in parallel with the bypass source and supplies the reactive part of the load. The input power factor of the UPS is, regardless of the load power factor, maintained close to unity as the reactive part of the load is significantly reduced in the UPS input current. In case of an interruption to the utility/mains supply, the inverter immediately maintains the output voltage so that breaks or drops during the transfer from ECONversion mode are practically eliminated. The batteries are charged when the UPS is in ECONversion mode.

## 2.4. Components

### A. Rectifier

- 1. The UPS shall include an active power factor corrected rectifier.
- 2. The input current limiter shall be designed to:
  - a. Fast battery recharge:
    - 1) 80% of the UPS output rating at <40% load
    - 2) 20% of the UPS output rating at 100% load
  - b. Provide regulation with input deviation of up/down to +/-15% of the nominal input voltage.
- 3. The battery charging shall keep the float voltage of
  - a. 436-654 VDC for 32-48 blocks (20 kW, 30 kW, 40 kW, and 80 kW).
  - b. 477-654 VDC for 35-48 blocks (60 kW).
  - c. 545-654 VDC for 40-48 blocks (50 kW, 100 kW, 120 kW, and 150 kW).
- 4. The battery charging voltage shall be compensated against temperature variations (battery temperature compensation) to always maintain optimal battery float charging. Temperature compensation rate shall be 3.3 mV/degree/cell for ambient temperatures > 25 °C and 0mV/°C for ambient temperatures < 25 °C.
- 5. Input power factor shall be 0.98 lagging at 100% load without the use of passive filters. Rectifier shall employ electronic waveform control technology to maintain the current sinusoidal.
- 6. Pulse Width Modulation (PWM) current control shall be used. Digital Signal Processors (DSP) shall be used for all monitoring and control tasks. Analog control shall not be acceptable.

### B. Inverter

- 1. The inverter shall consist of fast switching IGBTs.
- 2. The inverter shall be a 3-level hybrid inverter.





3. Inverter shall be PWM controlled using DSP logic. Analog control shall not be acceptable.
4. The inverter modules shall be rated for an output power factor at 1.0.
5. Nominal output voltage shall be 480 V 3-phase.

**C. Static bypass switch**

1. The static bypass switch shall consist of fully rated Silicon Controlled Rectifiers (SCRs). Partly rated SCRs with a wraparound contactor shall not be acceptable.
2. The static bypass switch shall be of modular design with connectors at the rear.
3. The static bypass switch shall automatically transfer the load to bypass supply without interruption after the logic senses one of the following conditions:
  - a. Inverter overload beyond rating.
  - b. Battery runtime expired and bypass available.
  - c. Inverter inoperable.
  - d. Control system inoperable.
4. The static bypass switch shall automatically retransfer from bypass to the inverter.
5. The inverter shall be active (on).
6. The static bypass switch shall be equipped with a manual means of transferring the load to bypass and back to inverter.

**D. Battery**

1. **General:** The UPS shall use an open cell, a valve-regulated sealed lead-acid heavy duty industrial battery or Lithium-ion battery, designed for auxiliary power service in a UPS application.
  - a. End of discharge voltage at full load:
    - 1) 307 VDC for 32 blocks (20 kW, 30 kW, 40 kW, and 80 kW UPS).
    - 2) 336 VDC for 35 blocks (60 kW UPS).
    - 3) 384 VDC for 40 blocks (50 kW, 100 kW, 120 kW, and 150 kW UPS).
  - b. Battery charge current limit: The selection shall be made from the display. The battery charge current limit should be software and hardware current limit.
  - c. The battery charging circuit shall remain active when the PFC operates normally.
2. **Classic battery cabinets:**
  - a. The classic battery cabinet shall feature valve regulated, high-rate discharge, lead-acid batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
  - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
  - c. Non-redundant construction - one battery string per cabinet.
  - d. The classic battery cabinet shall match the UPS cabinet.
  - e. Each classic battery cabinet shall require front access only for installation, service, and maintenance.
  - f. Each classic battery cabinet shall feature a DC-rated circuit breaker. The circuit breaker within the classic battery cabinet shall only provide protection to the battery string within the classic battery cabinet.
3. **Modular Battery Cabinet:**
  - a. The modular battery cabinet shall feature sealed lead-acid batteries.
  - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
  - c. The modular battery cabinet shall match the UPS cabinet.
  - d. Each modular battery cabinet shall require front access only for service and maintenance.





- e. Each modular battery cabinet shall feature a DC-rated circuit breaker.
- f. The modular battery cabinet shall be installed remotely or adjacent next to the UPS with the use of an optional installation kit.
- g. The modular batteries shall be user swappable by using the DC disconnect device located at the front of the modular battery cabinet.
- h. The modular batteries shall be available in two versions - standard life (3-5 years) or long-life (10 years Eurobat).
- i. Runtime shall be scalable by adding modular battery strings over time.
- j. Redundancy shall be offered by using additional modular battery strings.

4. **Lithium-ion Battery Solution:**

- a. The battery cabinet shall feature lightweight, compact, long-life Lithium-ion batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
- b. Each battery cabinet shall require front access only for installation, service, and maintenance.
- c. Each battery cabinet shall feature a DC rated circuit breaker. The circuit breaker within the battery cabinet shall only provide protection to the battery string within that battery cabinet.

5. **Battery monitoring:**

- a. Battery monitoring shall be provided at system level.
- b. The UPS shall incorporate a battery capacity test that will determine the available runtimes.
- c. The Lithium-ion battery solution shall communicate with the UPS via dry contacts.

2.5. **Mechanical**

- A. The UPS shall be housed in a freestanding cabinet with casters.
- B. Dust filter shall be available in two versions for different dust protection capabilities.
- C. The cable entry shall be from the bottom or rear of the UPS.
- D. The cabling section shall be large enough to accept copper and aluminum cables.
- E. The UPS shall have the following dimensions: 1485x521x847 mm (58.46x20.51x33.35 in) and shall meet an ingress level of minimum IP21.
- F. The UPS shall offer an option of using 2-hole lugs to prevent risk of lug rotation after cable connection.
- G. The UPS shall have a seismic kit option.

2.6. **Display, controls, and alarms**

- A. A color touch screen display shall be located on the front of the UPS.
- B. The following metered data shall be available on the display:
  - 1. Year, month, day, hour, minute, second of occurring events.
  - 2. Input voltage.
  - 3. Input current.
  - 4. Input frequency.
  - 5. Output voltage.
  - 6. Output current.
  - 7. Output frequency.





8. Battery voltage.
9. Battery current.
10. Battery temperature.
- C. The display shall allow the user to display active alarms.
- D. The following controls or programming functions shall be accomplished by use of the display unit.
  1. Silence audible alarm.
  2. Set the alphanumeric display language.
  3. Display and set the date and time.
  4. Enable or disable the automatic restart feature.
  5. Transfer load to and from static bypass.
  6. Test battery condition on demand.
- E. LEDs for indication of operation mode.
- F. Push button user controls:
  1. Inverter ON.
  2. Inverter OFF.
- G. For purposes of remote communications with the UPS, a network management card shall be integrated.

## 2.7. Accessibility

- A. **Software and connectivity**
  1. The Ethernet Web/SNMP Adaptor shall allow one or more network management systems (NMS) to monitor and manage the UPS in TCP/IP network environments. The management information base (MIB) shall be provided in MIB formats. The SNMP interface adaptor shall be connected to the UPS via the RJ45 serial port on the standard communication interface board.
  2. The UPS shall offer a Modbus interface.
  3. The UPS shall be equipped with eight dry contacts (four inputs, four outputs) for user-assignable alarms or remote monitoring.
- B. **Remote UPS monitoring**

Three methods of remote UPS monitoring shall be available:

  1. Smartphone application: With remote monitoring and live system status and remote alarms.
  2. Web monitoring: Remote monitoring shall be available via a web browser such as Internet Explorer.
  3. Simple Network Management Protocol (SNMP): Remote UPS monitoring shall be possible through a standard MIB II compliant platform.
- C. **Software compatibility**

The UPS manufacturer shall have available software to support shutdown and or remote monitoring for the following systems.





## Part 3 EXECUTION

### 3.1. Examination

- A. **Verification of conditions:** Examine areas and conditions under which the work is to be installed, and notify the Contractor in writing, with a copy to the Owner and the Architect/Engineer, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
1. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Installer.

### 3.2. Installation

Preparation and installation shall be in accordance with reviewed product data, final shop drawings, manufacturer's written recommendations, and as indicated on the Drawings.

### 3.3. Manufacturer assisted start-up

A manufacturer assisted UPS start-up shall be available, manufacturer trained service personnel shall perform the following inspections, test procedures, and on-site training:

- A. **Visual Inspection:**
1. Inspect equipment for signs of damage.
  2. Verify installation per manufacturer's instructions.
  3. Inspect cabinets for foreign objects.
  4. Inspect batteries.
- B. **Mechanical Inspection:**
1. Check all UPS, external battery cabinets internal power wiring connections.
  2. Check all UPS, external battery cabinets terminal screws, nuts, and/or spade lugs for tightness.
- C. **Electrical Inspection:**
1. Verify correct input and bypass voltage.
  2. Verify correct phase rotation of all mains connections.
  3. Verify correct UPS control wiring and terminations.
  4. Verify voltage of batteries.
  5. Verify neutral and ground conductors are properly landed.
- D. **Site Testing:**
1. Ensure proper system start-up.
  2. Verify proper firmware control functions.
  3. Verify proper firmware bypass operation.
  4. Verify proper maintenance bypass switch operation.
  5. Verify system set points.
  6. Verify proper inverter operation and regulation circuits.
  7. Simulate input power failure.
  8. Verify proper charger operation.
  9. Document, sign, and date all test results.
- E. **On-Site Operational Training:** During the manufacturer assisted start-up, operational training for site personnel shall include LED indicators, start-up and shutdown procedures, maintenance bypass and AC disconnect operation, and alarm information.





### 3.4. Manufacturer field service

- A. **Worldwide service:** The UPS manufacturer shall have a worldwide service organization available, consisting of factory trained field service personnel to perform start-up, preventative maintenance, and service of the UPS system and power equipment. The service organization shall offer 24 hours a day, 7 days a week, 365 days a year service support.

### 3.5 Demonstration

Provide the services of a manufacturer-authorized service representative of the manufacturer to provide start-up service and to demonstrate and train the Owner's personnel.

- B. Test and adjust controls and safety. Replace damaged or inoperable controls and equipment.
- C. Train the Owner's maintenance personnel on procedures and schedules related to start-up and shutdown, troubleshooting, servicing, and preventive maintenance.
- D. Review data in operation manual with the Owner's personnel.

### 3.6 Maintenance

- 3.6.1 **Maintenance contracts:** A complete offering of preventative and full-service maintenance contracts for the UPS system and the battery system shall be available. All contract work shall be performed by Schneider Electric trained service personnel.
- 3.6.2 The manufacturer shall, upon request, provide spare parts kits for the UPS module in a timely manner as well as provide access to qualified and trained service personnel to provide preventative maintenance and service on the UPS module when required.
- 3.6.3 The UPS shall be repairable by replacing standard subassemblies requiring no adjustments.
- 3.6.4 The UPS shall be designed to support power module insertion and removal in any mode of operation when performed by a qualified person following safety related work practices. A recognized accreditation laboratory shall certify basic touch compliance to IEC62040 & IEC60950 through all stages of the swap. A recognized accreditation laboratory shall witness arc flash incident energy exposure testing in compliance with UL RP 2986 and verify that the qualified person is not exposed to incident energies exceeding 1.2cal/cm<sup>2</sup> through all stages of the swap.
- 3.6.5 UPS subassemblies shall be accessible from the front. UPS design shall provide maximum reliability and minimum MTTR (mean time to repair). To that end, the UPS shall be equipped with a self-test function to verify correct system operation. The self-test function shall identify the subassembly requiring repair in the event of an alarm condition. The electronic UPS control and monitoring assembly shall therefore be fully microprocessor-based, thus doing away with potentiometer settings. This shall allow:
- 3.6.5.1 Auto-compensation of component drift.
- 3.6.5.2 Self-adjustment of replaced subassemblies.
- 3.6.5.3 Extensive acquisition of information vital for computer-aided diagnostics (local or remote).





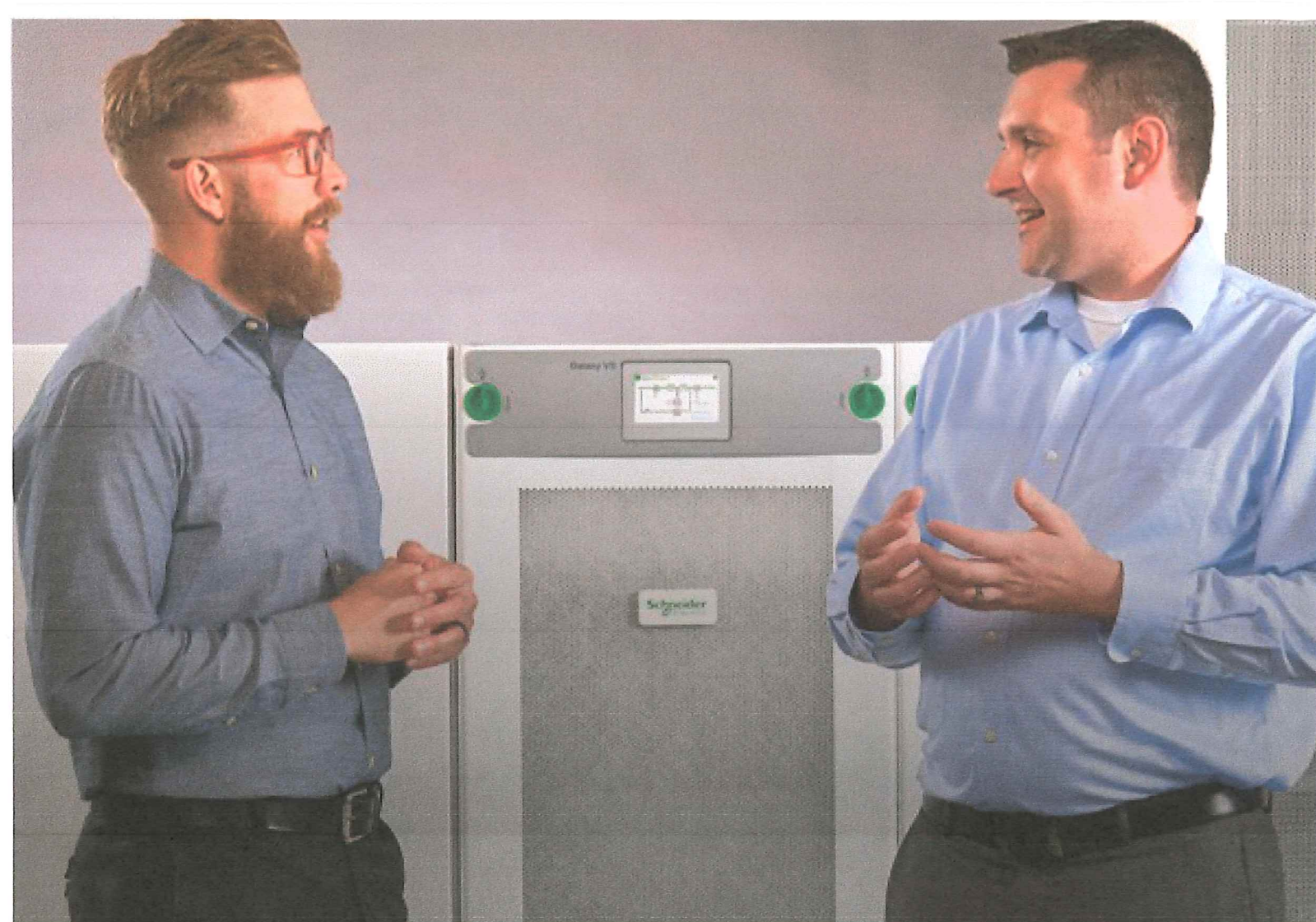
**3.6.5.4** Socket connection to interface with computer-aided diagnostics system.

### **3.7 Training**

UPS service training workshop: A UPS service training workshop shall be available from the UPS manufacturer. The service training workshop shall include a combination of lecture and practical instruction with hands-on laboratory sessions. The service training workshop shall include instruction about safety procedures, UPS operational theory, sub-assembly identification and operation, system controls and adjustment, preventative maintenance, and troubleshooting.

**END OF SECTION**





# Galaxy VS

Increased availability. Reduced operating costs.  
First-class power protection for critical infrastructure.

20 – 150 kW (480 V)

10 – 75 kW (208 V)



[se.com/gvs](http://se.com/gvs)

Life Is On

**Schneider**  
Electric



# Maximize your availability; minimize your total cost of ownership

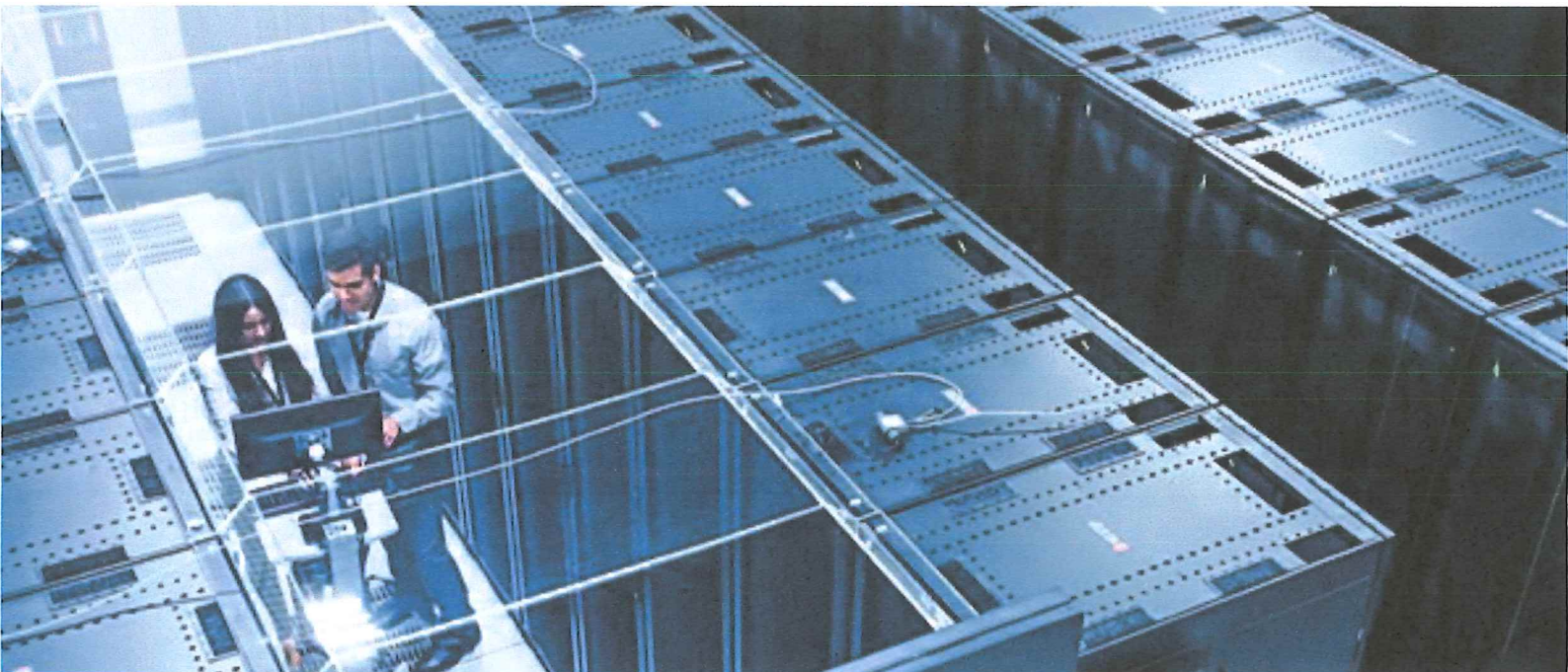
Galaxy VS is a highly efficient, modular, simple-to-deploy 20 – 150 kW (480 V)/10 – 75 kW (208 V) 3-phase uninterruptible power supply (UPS) that delivers top performance to edge, small, and medium data centers, as well as critical infrastructure in commercial and industrial facilities.

You need best-in-class power protection that is as high-performing and innovative as your business. Galaxy VS maximizes your availability while minimizing your total cost of ownership, with highly efficient patented technologies and modular architecture.

Galaxy VS meets your internal redundancy needs with N+1 power modules to ensure your load remains protected. This multiplies by 10 the system's availability without extra footprint.

Battery flexibility is one of the main highlights of Galaxy VS. When you choose Galaxy Lithium-ion battery cabinets, you benefit from a longer battery lifetime and higher temperature tolerance than classic battery solutions. When you choose smart battery modules integrated in the UPS cabinet, Galaxy VS offers optimized footprint and ensures critical loads have highly predictable runtimes and battery redundancy.

The Galaxy VS is EcoStruxure™ connected to give you visibility into the health of your UPS and peace of mind by sending real-time status updates directly to your smartphone. With its robust modular design, superior performance, and scalability and Live Swap options, Galaxy VS is the ideal backbone for your critical infrastructure.



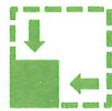




### New patented hybrid technology

Provides up to 97% efficiency in double conversion mode.

Electricity savings in full protection mode at every load level.



### Compact design. Optimized footprint

High-density technology and full-front access make Galaxy VS a footprint saver well-suited for confined spaces.



### Battery flexibility, including Lithium-ion batteries<sup>1</sup>

Increase availability and reduce TCO with long-life, intelligent energy storage.



### 99% efficient in patented ECOversion™ mode

Recover your initial investment within two – three years through energy savings.<sup>2</sup>



### Maximum availability thanks to modular architecture

Critical system components built as modules for faster serviceability and fault tolerance. N+1 redundancy, scalability, and Live Swap options available.



### EcoStruxure IT

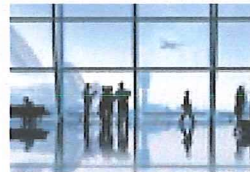
Anytime, anywhere monitoring and service support via smartphone app<sup>3</sup>.

## Well-suited for a wide range of data center and industrial applications



### Information technology and commercial buildings

- Edge, small, and medium data centers
- Computer rooms
- Retail/office space
- Manufacturing facilities



### Transportation

- Marine (DNV, BV)
- Lighting
- Air traffic control
- Security
- Signaling and communication systems



### Healthcare

- Radiology and imaging equipment
- Operating rooms and Intensive Care Units
- Emergency power systems



### Minerals, Metals & Mining

- Furnace process control
- Glass plants
- Emergency lighting



### Oil & gas

- Refining
- Petrochemicals
- Gas processing control
- Well pumps



### Power & Grid

- Thermal plants
- Generator protection
- Hydro turbine control
- Wind farm monitoring



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by design. Learn more:  
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### Galaxy VS also complies with these standards<sup>4</sup>:

- Emergency lighting: UL® 924, CSA® 22.2 NO. 141-15
- TAA-compliant UPS<sup>5</sup>



<sup>1</sup> Contact your local representative for availability.

<sup>2</sup> Model-dependent.

<sup>3</sup> Consult your local representative for more information about configuration requirements, including accessory kits.



# Leading performance

Robust and flexible design, ideal for demanding environments at maximum performance



## Flexibility and performance

- **Unity Power Factor (PF=1)** allows for right-size protection to real IT needs
- Well suited for different applications thanks to high flexibility on power factor and high overload capability
- Seamlessly integrates into the electrical environment, with single and dual mains support included
- Optimized uptime with wide input tolerance window (+/-15%)
- Right-sized batteries with flexible DC bus



## Higher availability: maximum uptime, reduced risk

- One extra power module for **N+1 internal redundancy** keeps your load protected and multiplies system availability by 10 with no extra footprint
- Optimized uptime with wide input tolerance window (+/-15%)
- With **Live Swap\***, it is simple and fast to add, replace, or remove power modules
- N+0 or N+1 module-level redundancy
- N+0 or N+1 system-level redundancy (parallel up to 4 UPSs)



## Reliable power for IT and non-IT environments

- Robust, fault-tolerant design ensures continuous protection in critical circumstances
- Designed to perform in dusty environments with its high-quality air filter and IP20 rating (optional **IP52 kit** available for select models)
- Withstands **104°F operating temperature** without derating (122°F with derating)
- Suited for humid environments thanks to **conformal coating**
- **Seismic certified** (with option kit)
- Maximum short circuit rating: 65 kA
- Exceeds industry standards on electromagnetic protection due to EMC Level C2
- **Faster battery charging** capabilities restore back-up time 2-to-3 times faster compared to industry standards
- Operates at **high elevation** with no derating up to 3000m (5000m with derating)
- Models with **halogen-free** power cables available

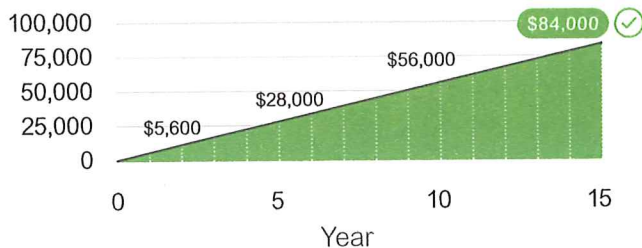
\* model dependent



# Best operational efficiency

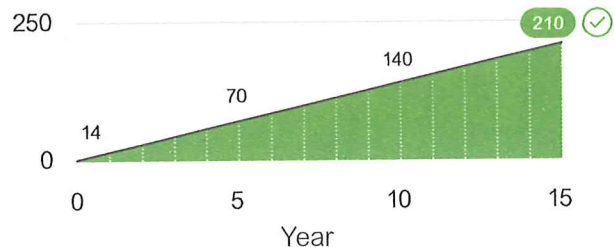
Galaxy VS in EConversion™ mode delivers **99% efficiency**

Utility/Cooling Savings in EConversion  
over 15 years



saving you up to **\$5,600** annually, a **100%** ROI in energy bill savings in **2-3 years\***

Carbon Emissions (Metric Tons) Savings  
in EConversion for 15 years



Equivalent of taking **25 cars** off the road every year!

## Sustainably reduce your energy bill

By using EConversion mode, significant savings are achieved every year on your electricity bill. Compared to a legacy design, the savings are equivalent to the UPS acquisition cost after two – three years, and reduces carbon emissions as much as removing 25 cars from the road annually.



\*Model dependent; based on a market electricity price: \$0.12/kWh  
The annual electricity savings are done by comparing the Galaxy VS 100 kW UPS for external batteries with a 94% efficiency standard UPS.  
Calculate your efficiency savings using the Three Phase UPS Efficiency Comparison Calculator: [schneider-electric.com/upsefficiencycalculator](http://schneider-electric.com/upsefficiencycalculator)

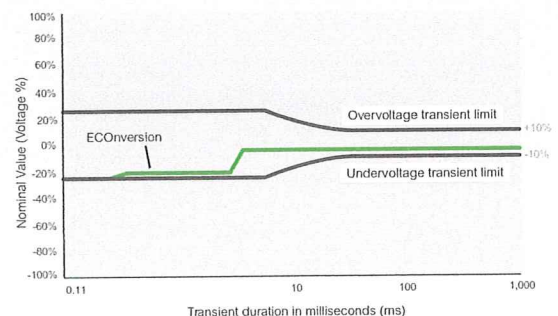
## EConversion: an unbeatable combination of power quality and high efficiency

Enjoy the highest energy savings available today without sacrificing load protection — our patented zero-break transfer design offers peace of mind:

- Certified Class 1 UPS performance per IEC® 62040-3; third-party tested by UL
- World-class efficiency up to 99%
- Zero transfer time to double conversion mode or batteries
- Continuously charged batteries
- Patented input short circuit protection
- Input power factor correction and no harmonics
- Monitor your energy savings with the EConversion Savings Meter, which calculates your savings in kWh and \$

## Patented hybrid technology

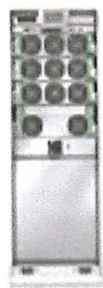
- Up to 97% efficiency in double conversion online mode even at low load levels
- Uses soft-switch method to reduce losses during double-conversion



Galaxy VS EConversion meets Class 1 of IEC® 62040-3: zero-break transfer during power outage.



# Meets your needs in multiple environments



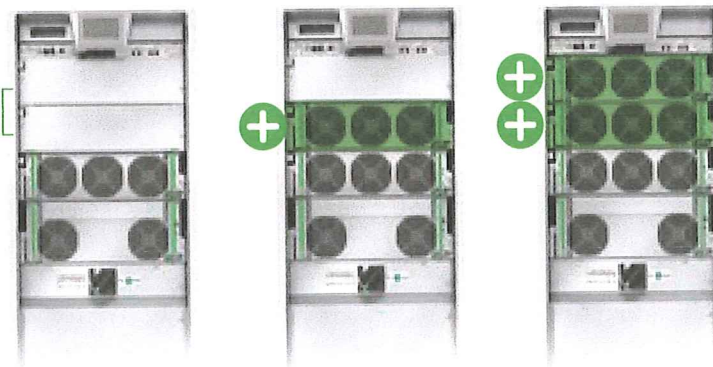
	Galaxy VS for external batteries	Galaxy VS with internal smart battery modules		
208 V	10 – 75 kW	10 kW	10 – 25 kW	10 – 50 kW
480 V	20 – 150 kW	20 kW	20 – 50 kW	20 – 100 kW
N+1 redundancy option*	Yes	No	No	Yes
Scalability option*	Yes	No	No	No
Dimensions	59"H x 20.5"W	59"H x 13.8"W	59"H x 20.5"W	78"H x 20.5"W
Battery type	External. Compatible with Lithium-ion and lead-acid (VRLA)	7Ah (VRLA)	9Ah (VRLA) Standard or long life	9Ah (VRLA) Standard or long life
Battery strings in UPS (maximum)	–	2	4	5
Ingress protection level	IP21 (IP52 options)	IP20	IP20	IP20
Special features:	Large cabling section provides convenient access, connection, and installation. Models with Live Swap capability and scalability available.	Models with Live Swap capability available.	Compatible with external modular battery cabinets (up to 6 battery strings). Models with Live Swap capability available.	Compatible with external modular battery cabinets (up to 9 battery strings). Models with Live Swap capability available.

## Future-proof your data center

Galaxy VS UPS with optional scalability empower you to right-size your power protection to today's load requirement, then change UPS capacity as your load requirements evolve over time.

- Add 20 kW and 50 kW power modules, combined as needed
- Galaxy VS UPS self-detects the addition of a new power module and automatically updates its configuration setting

In addition, Galaxy VS UPS models with third-party verified Live Swap maximize uptime, availability, and power continuity by enabling you to swap out power modules quickly, with no scheduled downtime.



\* See technical specifications table for details



# Faster installation and serviceability

## Quick to install and fits everywhere, thanks to its compact design

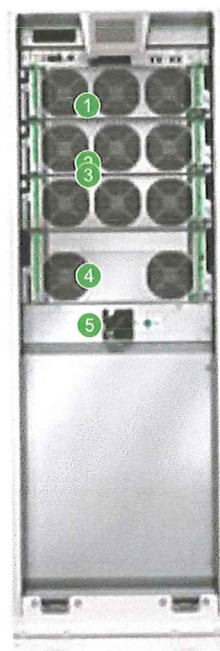
- Lightweight, small footprint, with rolling casters
- Everything you need is included — Network Management Card (NMC), modbus, single and dual mains, air filters, and eight dry contacts
- Precise and reliable battery configuration, thanks to predefined battery parameters
- Set up a simplified 1+1 parallel configuration using the built-in internal maintenance bypass breaker, or use an external maintenance bypass panel to configure parallel installations for capacity or redundancy
- Supports a common battery bank for parallel installations
- Supports installation with NEMA® 2-hole lugs

## Simple to maintain and fast to service, thanks to its modular architecture

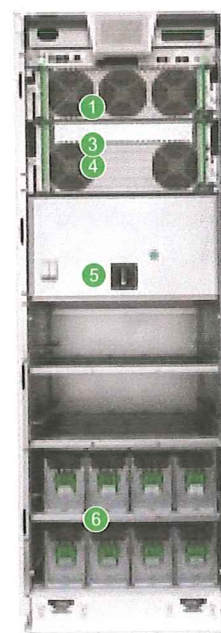
- Fast mean time to repair, thanks to swappable power, static switch, battery, and intelligence modules
- Full-front access for simple and fast connection and service (Galaxy VS for external batteries)
- Reduces risk of human error and load drop, and enhances employee protection:
  - For Galaxy VS UPSs with the Live Swap option, it is simple and fast to add, replace, or remove a power module while the Galaxy VS UPS is online and fully operational, increasing protection for your employees
  - Galaxy VS self-detects the new power module and automatically updates its configuration settings, delivering more uptime and convenience
  - If needed, the easy and intuitive guided maintenance bypass transfer sequence on the display helps you easily transfer to and from maintenance bypass and monitors the system breaker status

## Modular design benefits

- 1 Intelligence module**  
"System brain" contains critical control and signal wire interfaces
- 2 Scalability option**  
Add new power module anytime as your load evolves
- 3 Power modules**  
N+1 redundancy, Live Swap, slide in/slide out modules with rear connectors. Includes fan box for simple replacement. Superb core performances (PF=1, high-density, high-efficiency) and fault-tolerant design
- 4 Static switch module**  
Replaceable without installing an external maintenance bypass solution
- 5 Internal maintenance bypass**  
Simplifies service operations and reduces risk of error
- Smart modular battery strings**  
Integrates smart battery modules in the UPS cabinet, conserving footprint and increasing availability with battery monitoring, additional battery strings, and fast runtime expansion with self-configuring modules



Galaxy VS for external batteries

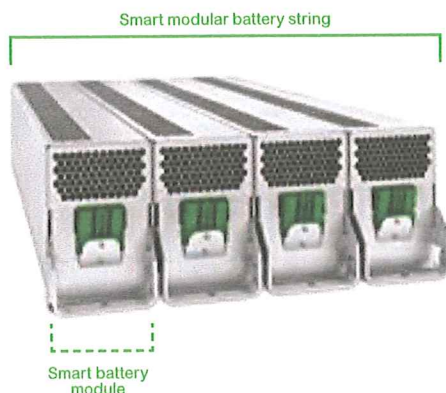


Galaxy VS with internal batteries



# Flexible, intelligent energy storage

Galaxy VS is available with a full range of energy storage options that ensure the best performance in any environment and meet a wide variety of site requirements.



ModBC #1	GVSMODBC6		
#6		✓	23°C CSB 9Ah
#5		✓	27°C CSB 9Ah
#4		✓	27°C CSB 9Ah
#3		✓	26°C CSB 9Ah
#2		✓	28°C CSB 9Ah
#1		✓	27°C CSB 9Ah

## Improved availability, including long-life options

- **Increased availability:** Four smart battery modules form one smart modular battery string. All smart battery modules support the load so no individual battery is a single point of failure
- **Reduced Mean Time To Repair (MTTR):** Replace a smart battery module in just a few minutes

## Accurate anytime replacement

- **Simple:** Push-in and plug; unplug and pull-out
- **Safety first:** Touchproof connectors
- **Self-configuring:** The UPS automatically detects the presence and type of batteries so the battery configuration is updated accurately

## Long-life Galaxy Lithium-ion batteries

As a first mover with a vast installed base, Schneider Electric™ has developed its own Galaxy Lithium-ion battery solution that also delivers these benefits:

- **Double** your battery life compared with any VRLA battery, optimizing TCO and achieving sustainability targets
- Recharge **2 – 3x faster** than VRLA solutions
- High temperature tolerance
- Simplify and speed up installation with our internal power supply
- Enhance battery safety with three levels of battery management system (BMS)

[Click here](#)

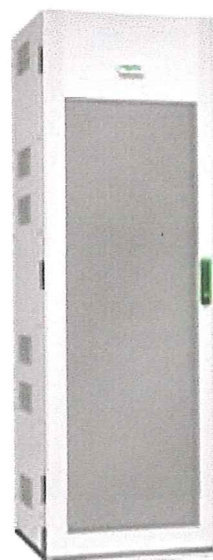
for Lithium-ion / VRLA  
battery comparison

## Battery monitoring included

- **Sensors:** Each smart battery module contains two temperature sensors and a battery identification device for self-configuration
- **Runtime:** The estimate on the display interface updates when smart battery modules are removed or installed
- **Quick status on display:** Use the UPS display to quickly identify and replace an inoperative smart battery module

## Flexible, high-density energy storage

- **Right-sizing:** Easily increase runtime by adding battery modules or installing battery cabinets
- **High density:** Integrate batteries in the UPS to reduce footprint. No need for service clearance between battery rows



## Lithium-ion compared to VRLA batteries

- 60 – 70%**  
less weight
- 2 – 3X**  
expected life
- Higher**  
operating temp. (less cooling)
- 2 – 3X**  
faster recharge



# Visibility and peace of mind

Manage and monitor your Galaxy VS from anywhere, at any time, on any device, thanks to EcoStruxure IT software and services

EcoStruxure leverages advancements in IoT, mobility, sensing, cloud, analytics, and cyber security to deliver Innovation at Every Level. EcoStruxure IT Expert and EcoStruxure Asset Advisor are cloud-based solutions that provide you with data-driven insights to optimize data center resiliency and performance.

When it comes to IT critical equipment monitoring, are you more hands-on or hands-off?



## Visibility anywhere, anytime

**EcoStruxure IT Expert** provides you a hands-on approach with cloud-based monitoring software that synthesizes and analyzes performance and alert data into proactive recommendations and enables wherever-you-go visibility from any device.

Try it now:

<https://ecostruxureit.com/ecostruxure-it-expert/>



## 24/7 remote monitoring and troubleshooting

**EcoStruxure Asset Advisor\*** for secure power and cooling provides you a hands-off approach with 24/7 remote monitoring service by the Schneider Electric Connected Services Hub experts. We monitor and troubleshoot, you relax.

What about planning and modeling?



## Unlock the full potential of your power distribution system

EcoStruxure **Power Monitoring Expert (PME)** for Backup Power Monitoring gives you real time visibility of energy storage availability, enabling analysis of historical data and alarms and creation of proactive maintenance plans.

## Comprehensive on-site services

### Start-up service included with UPS

- Commission the installation in accordance with manufacturer's recommendations. Ensure optimal system performance from Day 1.

### Schneider Electric-certified installation services

- Expert configuration of your equipment for optimal performance and reliability.

### Maintenance services

- Ensure proper care of your mission-critical applications.
- Preventive maintenance and response time upgrades, where available.

### Flexible service plans/on-site extended warranty

- Hassle-free system maintenance.
- Improve uptime at a predictable cost.

### Scale up your power capacity

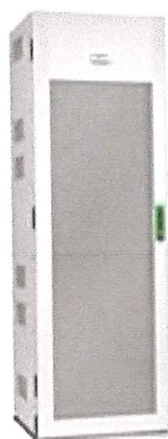
- Power upgrade service available. Model dependent; contact your Schneider Electric representative for details.

\* Contact your local representative for availability.

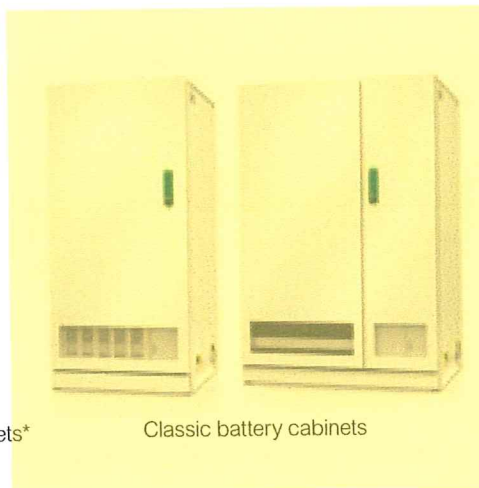


# Options and accessories

Galaxy VS is available with a full range of options and accessories that ensure the best performance in any environment.



Galaxy Lithium-ion battery cabinets\*

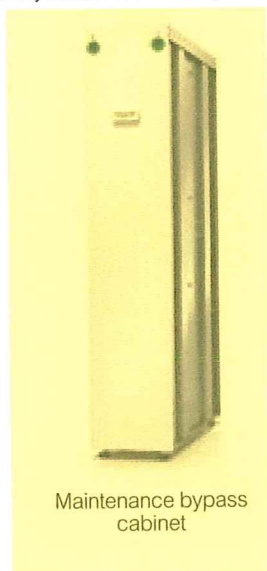


Classic battery cabinets



Modular battery cabinets

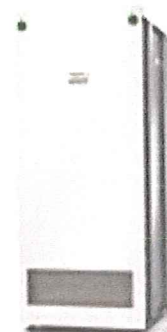
## Batteries



Maintenance bypass cabinet



Wall mount maintenance bypass panel



Maintenance bypass cabinet with transformer

## Maintenance bypasses

## Accessories

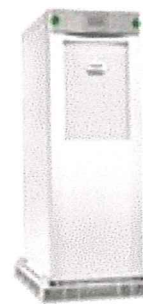
- Seismic kit
- Air filter kit
- Parallel communications kit
- NEMA® 2-hole kit\*\*
- Kirk key
- IP52/NEMA®12 kits\*\*
- Mounting skid for marine or industrial applications
- Smart modular battery string
- Smart modular high capacity battery string
- Smart long-life high capacity battery string
- Galaxy VS Live Swap upgrade kit
- 20 kW UPS with 480 V:400 V transformer (tolerates high peak loads up to 80 kW)



IP52 / NEMA®12 kit for UPS\*\*



IP52 / NEMA®12 kit for battery cabinet\*\*



Mounting skid for marine or industrial applications

\* Contact your local representative for availability.

\*\* Model dependent; contact your local representative for order details.



# Technical specifications

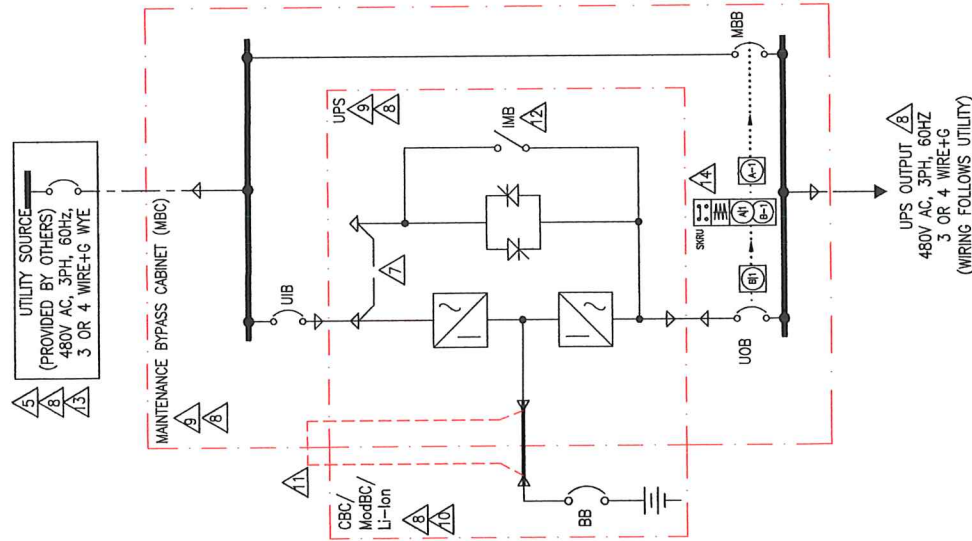
Galaxy VS	480 V	208/220 V
Topology	On-line double conversion	
Nominal power (kW)	20 – 150 kW (parallel up to 600 kW)	10 – 75 kW (parallel up to 300 kW)
<b>Key features</b>		
Scalability option	50 – 150 kW	25 – 75 kW
N+1 redundancy option	20 – 100 kW N+1	10 – 50 kW N+1
Modular elements	Power modules with Live Swap, static switch module, smart battery modules, intelligence module	
Display	Color touch screen, 4.3 inches, status LED, mimic on display	
Communication	Network management card included with ethernet (SNMP) and modbus. 8 dry contacts (4 inputs, 4 outputs)	
Maintenance bypass	Internal maintenance bypass. Optional maintenance bypass panel/cabinet	
Parallel capability	Simplified 1+1 parallel (for redundancy); Up to 4 UPSs in parallel for capacity or redundancy	
<b>Efficiency</b>		
Double conversion mode	Up to 97%	Up to 95.5%
ECO mode	Up to 99%	
ECOversion mode	Up to 99%	
<b>Input</b>		
Nominal input voltage	200/208/220 V, 480 V, 600 V (with maintenance bypass cabinet with transformer)	
Input voltage range (phase to phase)	+/-15%	
Single mains/dual mains	Single mains as standard. Easily converted to dual mains	
Input frequency	40 – 70 Hz	
Input power factor	0.99 for load greater than 50% 0.95 for load greater than 25%	
Maximum short-circuit rating	65 kA	
Backfeed protection	Included	
<b>Output</b>		
Nominal output voltages	200/208/220 V, 480 V, 600 V (with maintenance bypass cabinet with transformer)	
Load power factor	PF=1 (0.7 leading to 0.7 lagging without derating)	
Voltage regulation	+/- 1%	
Frequency	50/60 Hz +/-0.1% free running	
Overload	1 min @ 150%; 10 min @ 125%	
Output THDU on linear load	10 – 150 kW 480V UPS	10 – 75 kW 208 V UPS for external batteries, 10 – 50 kW 208 V UPS with up to 4 internal battery strings: <2% 10 – 50 kW 208 V UPS with up to 5 internal battery strings: <1%
<b>Battery type</b>	VRLA, Li-ion	
Nominal battery voltage, UPS for external batteries	20 – 40 kW, 80 kW: 384 – 576 V DC 50 kW, 100 kW: 480 – 576 V DC 60 kW: 432 – 576 V DC	384 – 480 V DC
Nominal battery voltage, UPS with internal batteries	480 V DC	
Charging power	Charging power in % of output power at 0-40% load: 80% Charging power in % of output power at 100% load: 20%	
<b>Environment</b>		
Acoustic noise, UPS for external batteries	54 dB (70% load) / 61 dB (100% load)	57 dB (70% load) / 65 dB (100% load)
Acoustic noise, UPS with internal batteries	49 – 65dB, depending on load percentage and model	
Dust protection	Air filter included. Conformal coated boards	
Seismic	With optional kit. OSHPD tested	
Environmental	Green Premium Certified, RoHS, Reach	

Specifications can be subject to change.

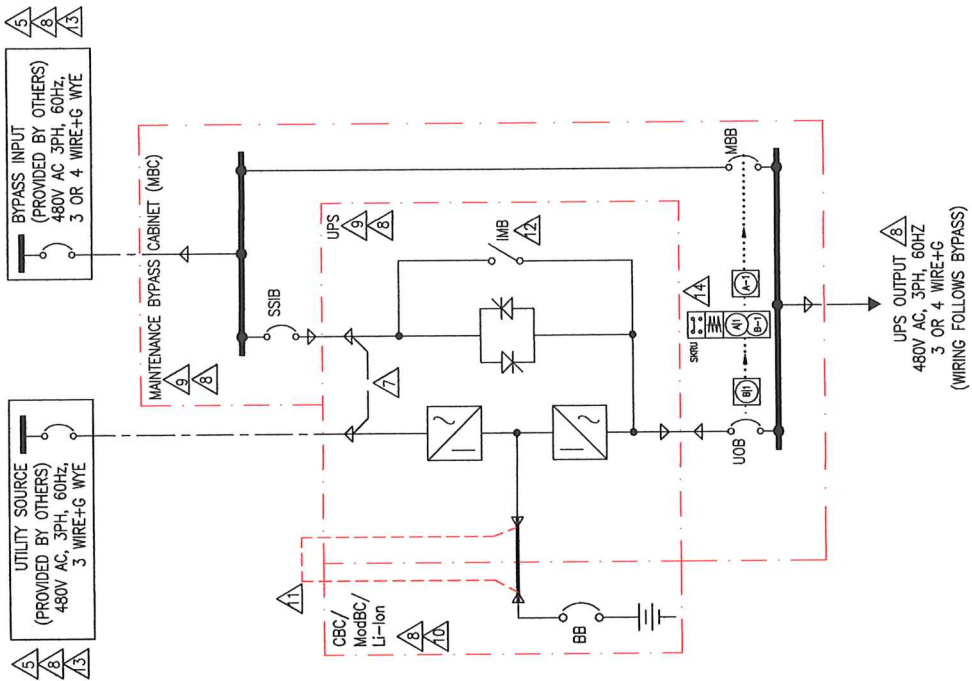


# 1 MODULE UPS BOTTOM ENTRY WITH BATTERY AND MBC

## SINGLE MAINS (ADJACENT BATTERY)

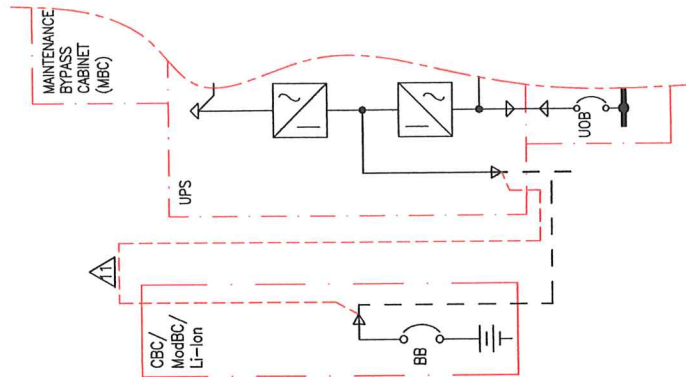


## DUAL MAINS (ADJACENT BATTERY)



## REMOTE BATTERY-TYPICAL

(REST OF CONNECTIONS  
SIMILAR TO ADJACENT BATTERY  
EXCEPT BELOW)



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
  3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
  4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
  5. THE SUPPLY FOR INPUT AND BYPASS MUST BE SOLID-GROUNDED WYE TRANSFORMERS. DELTA INPUTS FOR EITHER INPUT OR BYPASS IS NOT PERMITTED. THE UPS SYSTEM MUST BE INSTALLED AS SEPARATELY DERIVED SYSTEM. LEAKAGE CURRENTS WILL OCCUR IN THE BONDING JUMPER AND THE TECHNICAL/SYSTEM EARTH.
  6. CABLE LUGS ARE PROVIDED BY OTHERS.
  7. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS APPLICATION.
  8. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-10.
  9. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND:  $I_{sc}=65kA$  RMS SYMMETRICAL
  10. ONE CABINET SHOWN. REFER TO SHEET-9 FOR MAXIMUM APPLICABLE NUMBER OF CABINETS FOR VARIOUS RATINGS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
  11. APPLICABLE AND ONLY POSSIBLE CABLE ROUTING FOR LI-LON BATT. CABINET.
  12. THE INTERNAL MAINTENANCE BYPASS BREAKER (IMB) CAN NOT BE USED WITH EXTERNAL MAINTENANCE BYPASS BREAKER.
  13. FOR HRG INSTALLATIONS REFER TO SHEET-10.
  14. KIRK KEY INTERLOCK WITH SKRU SCHEME 39 BETWEEN MBB AND UOB IS OPTIONAL (SKU# GYSOPT004).

### LEGEND:

- AC CABLE (PROVIDED BY OTHERS)
- 500VDC CABLE (PROVIDED BY OTHERS)
- 500V/DC CABLE -FOR CBC- Classic Battery Cabinet /ModBC- Modular Battery Cabinet-PROVIDED BY Schneider Electric)
- DC CABLE -FOR LI-Ion BATTERIES CABLING SHALL BE PROVIDED BY OTHERS

**Schneider Electric**

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TITLE: GALAXY VS  
Input: 480V AC 3PH, 60Hz, SINGLE/DUAL FEED  
Output: 480V AC 3PH, 60Hz, 20-150kW  
SYSTEM ONE LINE DIAGRAM  
PROJECT: DRAWINGS SHEET 5 OF 11

DWG NO: GVSUPS20K150GFS-SD  
REV. 1  
DRAWN BY: BALA  
ENGINEER: C N / J L  
APPROVED BY: P J / S V  
DATE: 28-SEP-20  
1-OCT-20  
1-OCT-20  
ANGLE  
PROJECTION  
N.A.



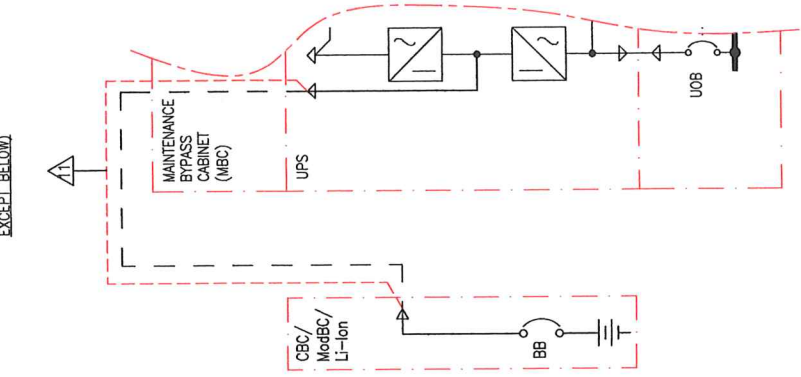
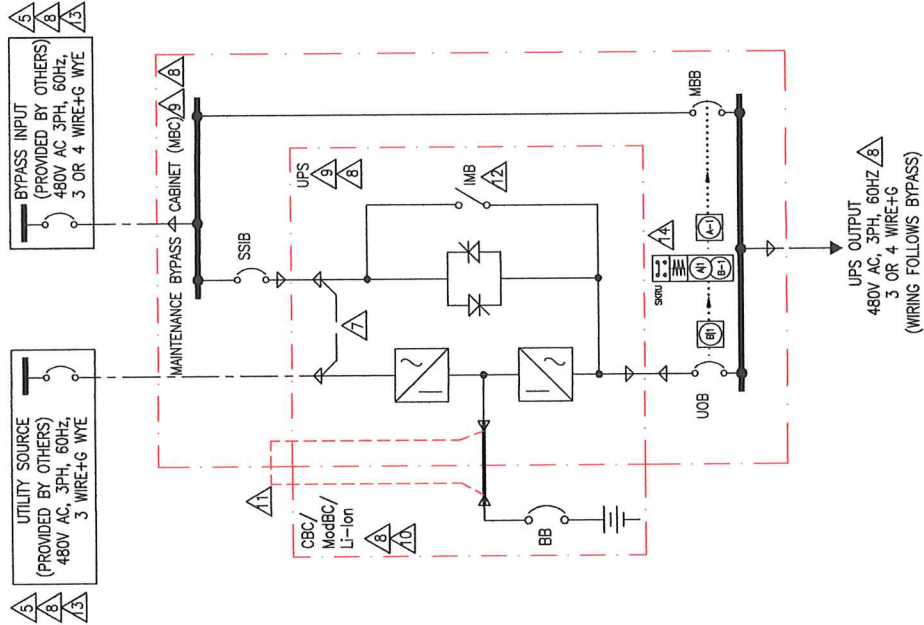
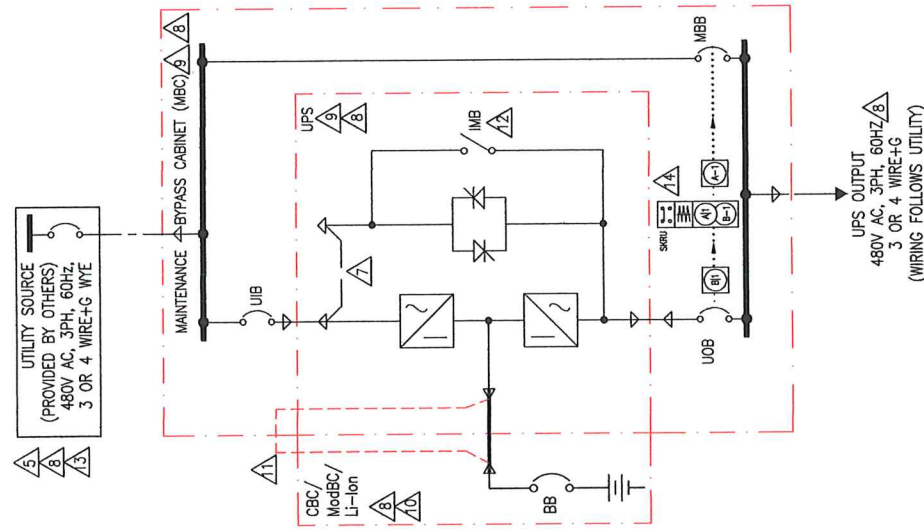
# 1 MODULE UPS TOP ENTRY WITH BATTERY AND MBC (WITHOUT CONDUIT BOX)

## SINGLE MAINS (ADJACENT BATTERY)

## DUAL MAINS (ADJACENT BATTERY)

## REMOTE BATTERY-TYPICAL

(REST OF CONNECTIONS  
SIMILAR TO ADJACENT BATTERY  
EXCEPT BELOW)



- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
  3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
  4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
  5. THE SUPPLY FOR INPUT AND BYPASS MUST BE SOLID-GROUNDED WYE TRANSFORMERS. DELTA INPUTS FOR EITHER INPUT OR BYPASS IS NOT PERMITTED. THE UPS SYSTEM MUST BE INSTALLED AS SEPARATELY DERIVED SYSTEM. LEAKAGE CURRENTS WILL OCCUR IN THE BONDING JUMPER AND THE TECHNICAL/SYSTEM EARTH.
  6. CABLE LUGS ARE PROVIDED BY OTHERS.
  7. BUS LINK APPLICABLE FOR SINGLE MAINS ONLY, TO BE REMOVED FOR DUAL MAINS APPLICATION.
  8. FOR TECHNICAL SPECIFICATIONS, RECOMMENDATIONS AND SKU NUMBERS REFER TO SHEET-10.
  9. MAXIMUM INPUT SHORT-CIRCUIT WITHSTANDING:  $I_{sc} = 65kA$  RMS SYMMETRICAL
  10. ONE CABINET SHOWN. REFER TO SHEET-9 FOR MAXIMUM APPLICABLE NUMBER OF CABINETS FOR VARIOUS RATINGS. FOR RUNTIME DETAILS REFER TO BATTERY CABINET INSTALLATION DRAWINGS OR CONTACT SCHNEIDER ELECTRIC.
  11. APPLICABLE AND ONLY POSSIBLE CABLE ROUTING FOR LI-ION BATT. CABINET.
  12. THE INTERNAL MAINTENANCE BREAKER (IMB) CAN NOT BE USED WITH EXTERNAL MAINTENANCE BYPASS BREAKER.
  13. FOR HRG INSTALLATIONS REFER TO SHEET-10.
  14. KIRK KEY INTERLOCK WITH SKRU SCHEME 39 BETWEEN MBB AND UOB IS OPTIONAL (SKU# GVS0PT004).

### LEGEND:

- AC CABLE (PROVIDED BY OTHERS)
- 500VDC CABLE (PROVIDED BY OTHERS)
- 500V/DC CABLE -FOR CBC- Classic Battery Cabinet /ModBc- Modular Battery Cabinet PROVIDED BY Schneider Electric)
- DC CABLE -FOR LI-ion BATTERIES CABLING SHALL BE PROVIDED BY OTHERS

TITLE: GALAXY VS  
Input: 480V AC 3PH 60Hz DUAL FEED  
Output: 480V AC 3PH 60Hz 20-150kW  
SYSTEM ONE LINE DIAGRAM

**Schneider Electric**

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DWG NO:	GVSUPS20K150GFS-SD	REV.	1
DRAWN BY:	BALA	28-SEP-20	ANGLE
ENGINEER:	C N / J L	1-OCT-20	PROJECTION
APPROVED BY:	P J / S V	1-OCT-20	N . A

PROJECT: DRAWINGS SHEET 6 OF 11



GALAXY VS 20-150KW 480V AC IN/480V AC OUT UPS WITH/WITHOUT MBC (WITHOUT XFMR) SITE PLANNING DATA													
MAINS INPUT (SINGLE MAINS): 480V AC, 60HZ 3PH 3 OR 4 WIRE+G			BYPASS INPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G										
MAINS INPUT (DUAL MAINS): 480V AC, 60HZ 3PH 3 WIRE+G WYE			OUTPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G										
SKU NUMBER	UPS RATING (kW)	APPLICABLE WALLMOUNT MBC SKU NUMBER WITHOUT XFMR	APPLICABLE FLOORMOUNT MBC SKU NUMBER WITHOUT XFMR	NOMINAL MAINS INPUT CURRENT (NO CHARGING) (A)	NOMINAL MAINS INPUT CURRENT (FULL CHARGING) (A)	NOMINAL BYPASS INPUT CURRENT		UPS / SYSTEM OUTPUT CURRENT (A)	NOMINAL BATTERY VOLTAGE (V DC)	BATTERY CURRENT*** (A DC)		RECOMMENDED UPSTREAM PROTECTION (MAKE: SCHNEIDER ELECTRIC) Ir / PART NUMBER ( Ir IS 0.5 AND Ir (x Ir) IS 1.5)	
						PHASE CURRENT (A)	NEUTRAL CURRENT (A)			0FULL LOAD CURRENT & MINIMUM BATTERY VOLTAGE	MAINS INPUT		
GVSUPS20KGS	20			25	30	24	42	24	32-48 BLOCKS: 384-576	54	68	40/ HUF36100U31X	35/ HUF36100U31X
GVSUPS30KGS	30			37	45	36	62	36		81	101	60/ HUF36100U31X	50/ HUF36100U31X
GVSUPS40KGS	40	GVSBFSU60G-WP	GVSBFSU80G	50	60	49	83	48		108	135	80/ HUF36100U31X	70/ HUF36100U31X
GVSUPS50KGS	50			62	74	61	104	60	40-48 BLOCKS: 480-576	108	135	100/ HUF36100U31X	80/ HUF36100U31X
GVSUPS60KGS	60			74	89	73	125	72	35-48 BLOCKS: 420-576	130	162	125/ HUF36150U31X	100/ HUF36100U31X
GVSUPS80KGS	80	GVSBFSU100G-WP		99	119	97	166	96	32-48 BLOCKS: 384-576	173	216	175/ JUF36250U31X	125/ HUF36150U31X
GVSUPS100KGS	100			124	149	121	208	120		216	270	200/ JUF36250U31X	175/ JUF36250U31X
GVSUPS120KGS	120		GVSBFSU150G	149	179	146	208	144	40-48 BLOCKS: 480-576	260	325	250/ JUF36250U31X	200/ JUF36250U31X
GVSUPS150KGS	150	N A		186	223	182	208	180		326	406	300/ JUF36400U31X	250/ JUF36250U31X
GVSUPS50K150GS	**			** 50KW UPS EXPANDABLE TO 60/80/100/120/150KW (REFER TO THE RESPECTIVE ROW BASED ON THE EXPANSION)									300/ JUF36400U31X

~ HARMONIC CURRENTS IN NEUTRAL ARE ONLY CONSIDERED TO BE 1.73X UP TILL 100KW. ABOVE 100KW ONLY RESISTIVE LOAD IS CONSIDERED.

\*\*\* VALUES BASED ON 20/30/40/80KW : 32 BLOCKS, 60KW: 50/100/120/150KW : 40 BLOCKS

GALAXY VS 20-150KW UPS APPLICABLE BATTERY DETAILS															
A															
MAINS INPUT (SINGLE MAINS): 480V AC, 60HZ 3PH 3 OR 4 WIRE+G MAINS INPUT (DUAL MAINS): 480V AC, 60HZ 3PH 3 WIRE+G WYE															
BYPASS INPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G OUTPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G															
SKU NUMBER	UPS RATING (kw)	LI-ION BATTERY CABINET (SKU# LIBSG95EUL/ LIBSG95EUL1PH) (U-LON) A		(ModBC) NUMBER OF APPLICABLE (MIN-MAX) MODULAR BATTERY CABINETS ) (GYSMODB66) (BREAKER-150A 3POLE, JDF36150- MAKE: SCHNEIDER ELECTRIC)	CLASSIC BATTERY CABINET (CBC) (MINIMUM-MAXIMUM NUMBER OF APPLICABLE BATTERY CABINETS)										
		MINIMUM AND MAXIMUM NUMBER OF APPLICABLE BATTERY CABINETS			GYS/CBT/1	GYS/CBT/2	GYS/CBT/3	GYS/CBT/4	GYS/CBT/5	GYS/CBT/6S1	GYS/CBT/7S1				
1 - 4															
GYSUPS20KGS	20			1 - 4	1-2	1-2	1-2	1-2	1-2	1-5	NA	32-48 BLOCKS: 384-576	NOMINAL BATTERY VOLTAGE (V DC) A	FULL LOAD CURRENT & NOMINAL BATTERY VOLTAGE	FULL LOAD CURRENT & NOMINAL BATTERY VOLTAGE
GYSUPS30KGS	30			1 - 4	1-2	1-2	1-2	1-2	1-2	1-5	NA	32-48 BLOCKS: 384-576			
GYSUPS40KGS	40			1 - 4	1-2	1-2	1-2	1-2	1-2	1-2	NA	40-48 BLOCKS: 480-576			
GYSUPS50KGS	50			1 - 4	NA	1-2	1-2	1-2	1-2	1-5	NA	32-48 BLOCKS: 420-576			
GYSUPS60KGS	60			2 - 4	NA	1-2	1-2	1-2	1-2	1-5	NA	32-48 BLOCKS: 384-576			
GYSUPS80KGS	80			2 - 4	NA	NA	NA	NA	1-2	1-5	NA	40-48 BLOCKS: 480-576			
GYSUPS100KGS	100			2 - 4	NA	NA	NA	NA	1-2	1-5	NA	40-48 BLOCKS: 480-576			
GYSUPS120KGS	120			3 - 4	NA	NA	NA	NA	NA	NA	1-5	40-48 BLOCKS: 480-576			
GYSUPS150KGS	150			3 - 4	NA	NA	NA	NA	NA	NA	1-5	40-48 BLOCKS: 480-576			
** 50KW UPS EXPANDABLE TO 60 / 80 / 100 / 120 / 150KW (REFER TO THE RESPECTIVE ROW BASED ON THE EXPANSION)															
GYSUPS50K150GS	**														

BYPASS INPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G

OUTPUT: 480V AC, 60HZ, 3 OR 4 WIRE+G

CLASSIC BATTERY CABINET (CBC) SWITCHGEAR DETAILS	
SKU NUMBER	CIRCUIT BREAKER DETAILS-(MAKE: SCHNEIDER ELECTRIC)
GVS/CBT1/ST	150A, 3P, 500V DC J6L37150081AU0
GVS/CBT2/ST	150A, 3P, 500V DC J6L37150081AU0
GVS/CBT3/ST	250A, 3P, 500V DC J6L37250082AU0
GVS/CBT4/ST	250A, 3P, 500V DC J6L37250082AU0
GVS/CBT5/ST	400A, 3P, 500V DC J6L37040030AU0
GVS/CBT6/ST	
GVS/CBT7/ST	

#### GALAXY VS IN HIGH-RESISTIVE GROUNDINGS (HRG) INSTALLATIONS

- TO INSTALL A GALAXY VS IN 3-WIRE DELTA HIGH RESISTIVE GROUND (HRG) FACILITY, AN INPUT TRANSFORMER IS NEEDED (DELTA/WYE).
- IN ABSENCE OF TRANSFORMER THE GVS-UPS WILL REPORT NEUTRAL-PHASE SHIFT ERRORS THAT CAN NOT BE CLEARED.
- FOR 480 VAC INPUT, 120/208 VAC OUTPUT INSTALLATIONS, PURCHASE THE 208 VAC VERSION OF THE GALAXY VS AND A STEP-DOWN INPUT TRANSFORMER
- FOR EXISTING HRG INSTALLATION, WHERE 480 VAC INPUT GALAXY VS WITH A 120/208 VAC OUTPUT TRANSFORMER, THEN A 480 VAC DELTA TO 480 VAC WYE INPUT TRANSFORMER NEEDS TO BE ADDED.

#### NOTES:

- FOR PARALLEL SYSTEMS, UPSTREAM CIRCUIT BREAKER INSTANTANEOUS OVERRIDE (II) VALUES MUST NOT BE SET HIGHER THAN 1250 A.
- FOR PARALLEL SYSTEM WITH TWO OR MORE UPS'S OF RATING 150KW, A CIRCUIT BREAKER MUST BE INSTALLED ON THE OUTPUT OF EACH UPS. THE INSTANTANEOUS OVERRIDE (II) VALUES OF UNIT OUTPUT BREAKER (UOB) MUST NOT BE SET HIGHER THAN 1250 A.
- FOR SCALABLE UPS GVSUPS50K150GS, ALWAYS SIZE THE UPSTREAM PROTECTION FOR A UPS RATING OF 75 KW.

NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
- FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- FOR RUNTIME DETAILS REFER TO TECHNICAL SPECIFICATIONS/MANUALS OR CONTACT SCHNEIDER ELECTRIC.
- WHEN USING 48 BLOCKS, SPLIT STRING IS MANDATORY.
- FOR DETAILS OF SKU# LIBSMG95EUL-OR -LIBSMG95EUL1PH, REFER TO DRAWING #LIBSMG95EUL1PH-LIBSMG95EUL-GVS-GA.

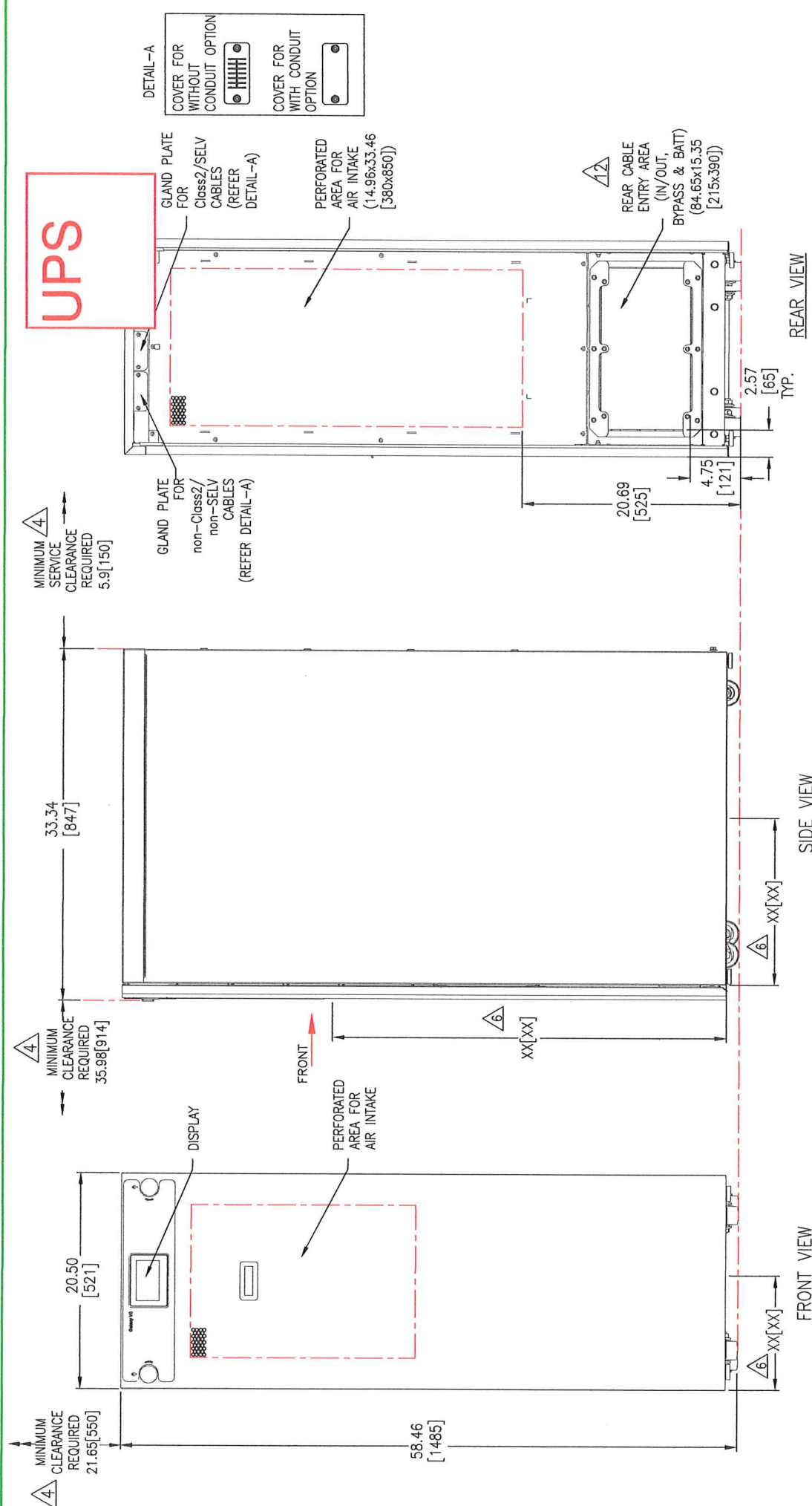
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TITLE: GALAXY VS		DWG NO: GVSUPS20K150GFS-SD		REV. 4
Input: 480V AC 3PH, 50HZ, SINGLE/DELTA	Output: 480V AC 3PH, 50HZ, 20-150KW	DRAWN BY: BALA	01-SEP-21	ANGLE
Output: 480V AC 3PH, 50HZ, 20-150KW	Output: 480V AC 3PH, 50HZ, 20-150KW	ENGINEER: C N J L / C A	02-SEP-21	PROTECTION
Output: 480V AC 3PH, 50HZ, 20-150KW	Output: 480V AC 3PH, 50HZ, 20-150KW	APPROVED BY: P J / S V / C A	02-SEP-21	N.A

PROJECT: DRAWINGS SHEET 100F 11





NOTES:

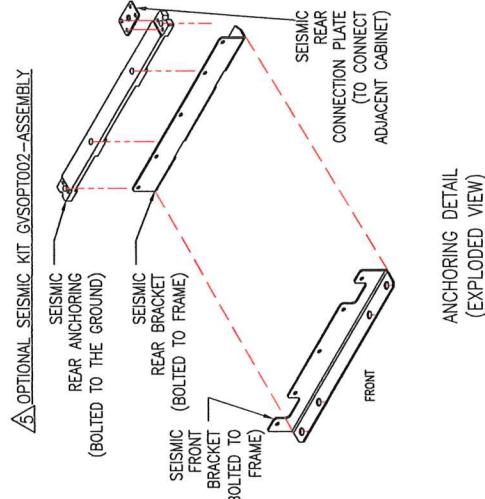
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
4. CLEARANCE DIMENSIONS ARE REQUIRED FOR AIRFLOW AND SERVICE ACCESS ONLY.
5. ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
6. REFER TO SHEET-2 FOR UNIT WEIGHT AND CENTER OF GRAVITY DETAILS OF VARIOUS SKUs.
7. CABLE ENTRY IS FROM BOTTOM/REAR OF THE UNIT.  
FOR ADJACENT BATTERY CABINET CABLE ENTRY IS FROM LEFT. (BATTERY CABINET SHOULD BE MOUNTED LEFT SIDE TO UPS).  
FOR ADJACENT MAINTENANCE BYPASS IT IS FROM THE RIGHT OF UNIT. (MBP SHOULD BE MOUNTED RIGHT SIDE TO UPS).
8. OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C].
9. PROTECTION CLASS: IP21, OPTIONAL PROTECTION CLASS IP22 (SKU#GVSOPT026), REFER TO SHEET-3.
10. COLOR: RAL 9003, GLOSS LEVEL 85%.
11. DOOR IS BOTTOM HINGED WITH HOOKS.  
CAN BE COMPLETELY REMOVABLE.
12. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.

CONTENTS IN THIS DRAWING ARE ALSO VALID FOR CORRESPONDING "TAA" SKUs ENDING WITH "US".  
EXAMPLE : CONTENTS APPLICABLE FOR "GVSUPS20KGS" ARE VALID FOR "TAA" SKU "GVSUPS20KGSUS" ALSO.

Schneider Electric		TITLE: UPS 10-75kW@80V / 20-150kW@80V Input/Output: 208V-3PH-60Hz/208V-3PH-60Hz/ Input/Output: 480V-3PH-60Hz/480V-3PH-60Hz GENERAL ARRANGEMENT	DWG NO: GVSUPS10K75F20K150GS	REV: 1
PROJECT: SUBMITTAL DRAWINGS		SHEET 1 OF 5	DRAWN BY: BALA	THIRD
			ENGINEER: C N / R I	ANGLE
			APPROVED BY: H N / J L	PROJECTION
			04-NOV-20	04-NOV-20
			04-NOV-20	04-NOV-20

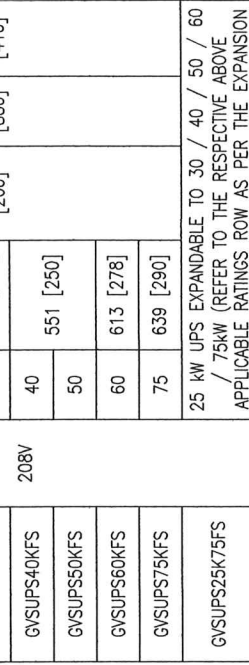


### CENTER OF GRAVITY AND WEIGHT DATA



TRANSPORTATION BRACKET / C  
ANCHORING DETAILS (BASE TOP VIEW)

## TOP & BOTTOM VIEWS



NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.

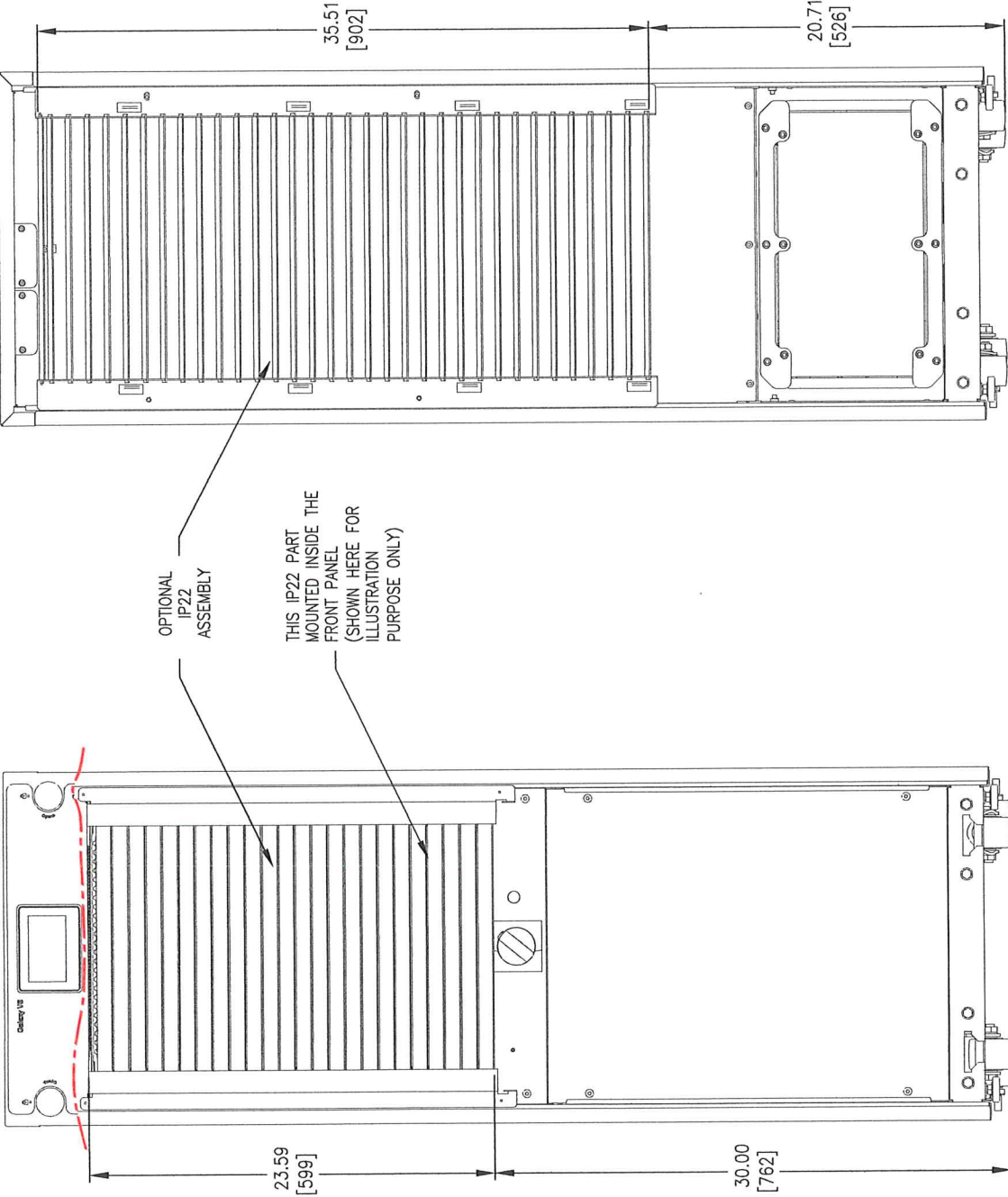
TITLE:

<b>TITLE:</b> UPS 10-75kW/208V / 20-150W@480V Input/Output: 208V-3PH-60Hz/208V-3PH-60Hz/ Input/Output: 480V-3PH-60Hz /480V-3PH-60Hz TOP-BOTTOM & ANCHORING	Galaxy VS		DWG NO: GVSUPS10K75F20K150GS	REV. 1
	DRAWN BY: BALA	9-OCT-20	THIR	
	ENGINEER: C N / R I	9-OCT-20	ANG	
	APPROVED BY: H N / J L	9-OCT-20	PROJECT	
	PROJECT: SUBMITTAL DRAWINGS SHEET 2 OF 5			

Schneider Electric



VIEWS WITH OPTIONAL IP22 (SKU# GVSOPT026)



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.

<b>Schneider Electric</b>	TITLE: Galaxy VS UPS 10-75kW/200V / 20-150kW/480V Input/Output: 208V-3PH-60Hz/208V-3PH-60Hz/ Input/Output: 480V-3PH-60Hz/480V-3PH-60Hz IP22 DETAILS		DWG NO: GVSUPS10K75F20K150GS	REV. 1
	PROJECT: SUBMITTAL DRAWINGS		SHEET 3 OF 5	APPROVED BY: H N / J L
	THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF SCHNEIDER ELECTRIC AND SHALL NOT BE COPIED, REPRODUCED OR USED IN WHOLE OR IN PART, AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM SCHNEIDER ELECTRIC. THIS DRAWING IS BASED UPON LATEST AVAILABLE INFORMATION AND IS SUBJECT TO CHANGE WITHOUT NOTICE.		DRAWN BY: BALA	9-OCT-20
	ENGINEER: C N / R I		9-OCT-20	THIRD ANGLE PROJECTION

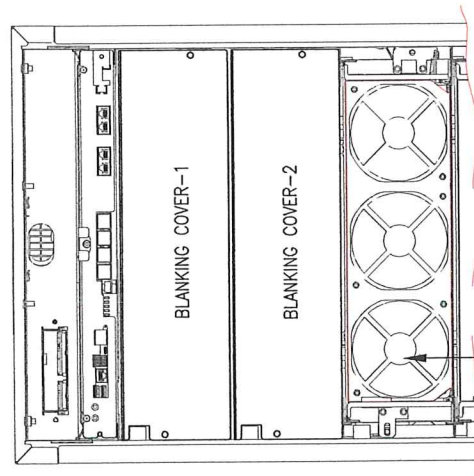


POWER MODULE AND BLANKING COVER DETAILS			
SKU NUMBER	UPS OPERATING VOLTAGE	UPS RATING (kW)	APPLICABLE POWER MODULES APPLICABLE BLANKING COVERS
GVSUPS20KGS	480V	20	1
GVSUPS30KGS		30	
GVSUPS40KGS		40	
GVSUPS50KGS		50	
GVSUPS60KGS		60	
GVSUPS80KGS		80	1 & 2
GVSUPS100KGS		100	
GVSUPS120KGS		120	
GVSUPS150KGS		150	
GVSUPS50K150GS		50 kW UPS EXPANDABLE TO 60 / 80 / 100 / 120 / 150kW (REFER TO THE RESPECTIVE ABOVE APPLICABLE RATINGS ROW AS PER THE EXPANSION	N A
GVSUPS10KFS	208V	10	1
GVSUPS15KFS		15	
GVSUPS20KFS		20	
GVSUPS25KFS		25	
GVSUPS30KFS		30	
GVSUPS40KFS		40	1 & 2
GVSUPS50KFS		50	
GVSUPS60KFS		60	
GVSUPS75KFS		75	
GVSUPS25K75FS		25 kW UPS EXPANDABLE TO 30 / 40 / 50 / 60 / 75kW (REFER TO THE RESPECTIVE ABOVE APPLICABLE RATINGS ROW AS PER THE EXPANSION	N A

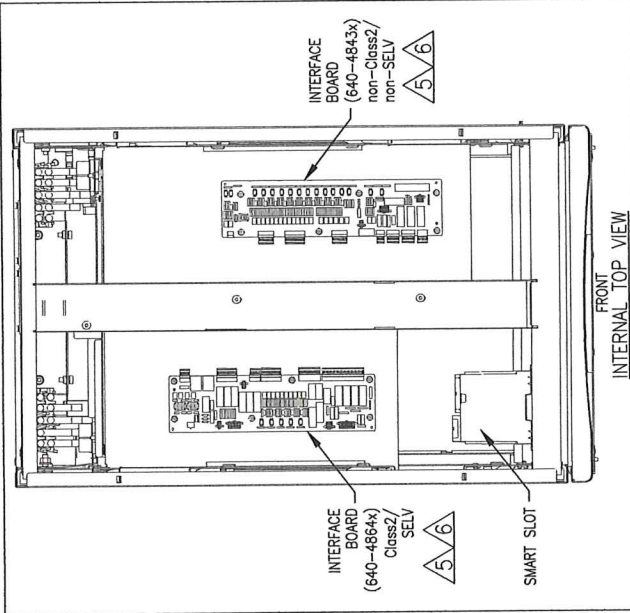
# NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
4. SOME STRUCTURAL DETAILS BEEN OMITTED FOR THE PURPOSE OF CLARITY.
- Δ5. .FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM GVSUPS25K75F50K150GS-WD.
- Δ6. .FOR LATEST BOARD PART NUMBER CONTACT SCHNEIDER ELECTRIC.
- Δ7. .STATIC SWITCH RATING

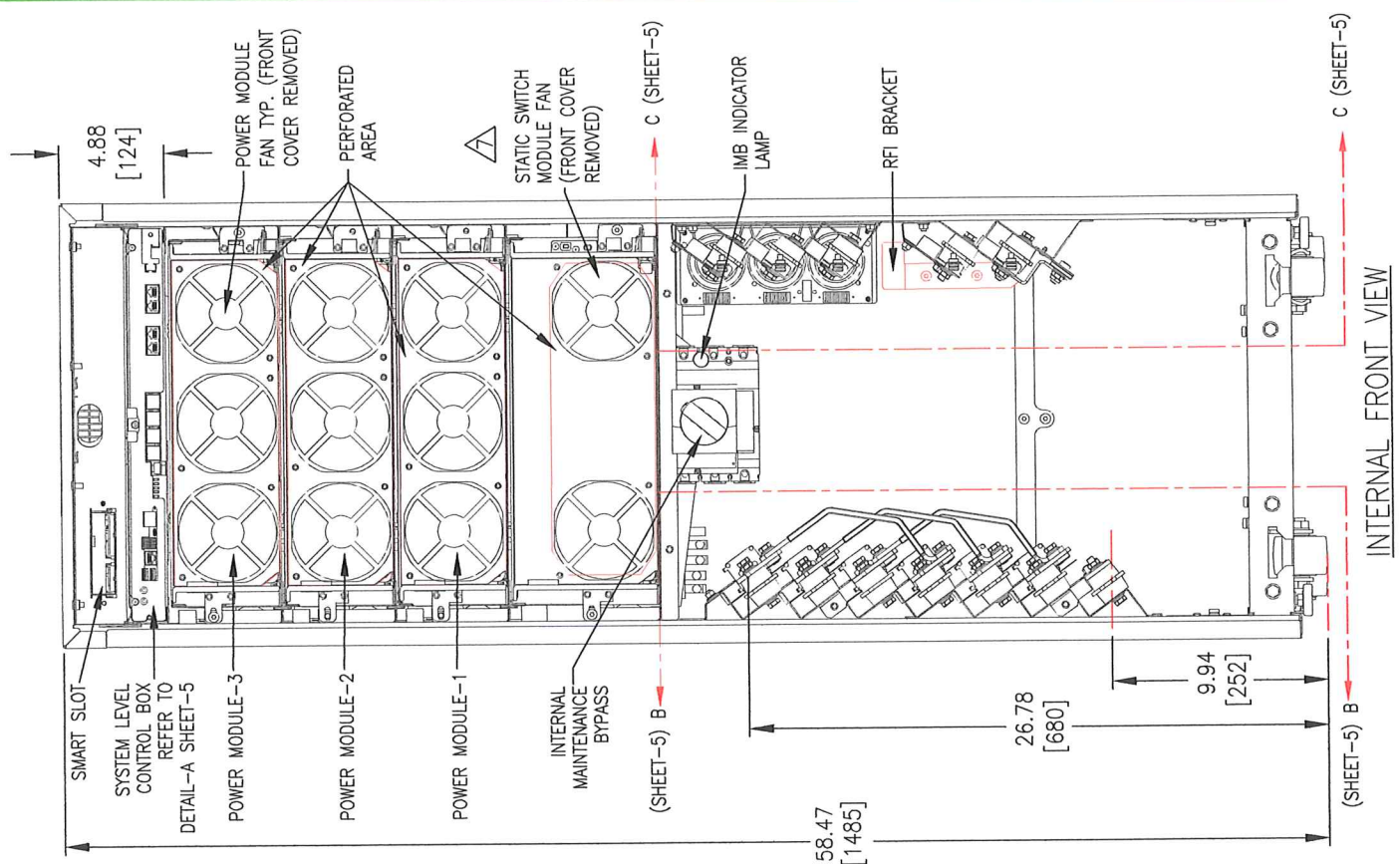
UPS RATING	APPLICABLE STATIC SWITCH RATING
10-50kW @208V	50kW
60 & 75kW @208V	75kW
20-100kW @480V	100kW
120 & 150kW @480V	150kW



PARTIAL INTERNAL FRONT VIEW  
(WITH BLANKING COVER)



INTERNAL TOP VIEW



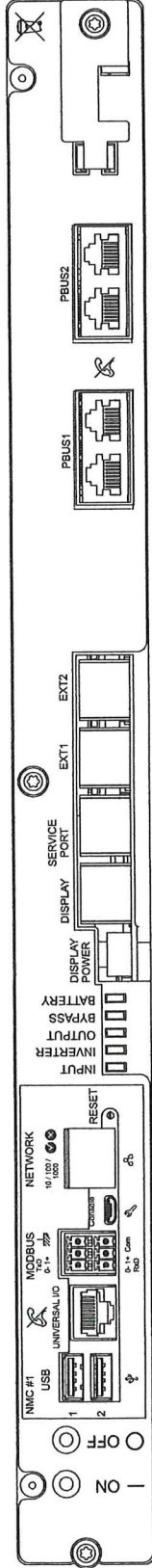
INTERNAL FRONT VIEW

TITLE:	DWG NO:	REV.
UPS 10-75kW/208V / 20-150kW/480V Input/Output: 208V-3PH-60Hz/208V-3PH-60Hz/ 480V-3PH-60Hz/480V-3PH-60Hz ANCHORING DETAILS	GVSUPS10K75F20K150GS	0
PROJECT: SUBMITTAL DRAWINGS	3-DRAWN BY:	THIRD
SHEET 4 OF 5	ENGINEER:	ANGLE
APPROVED BY:	H N / J L	PROJECTION



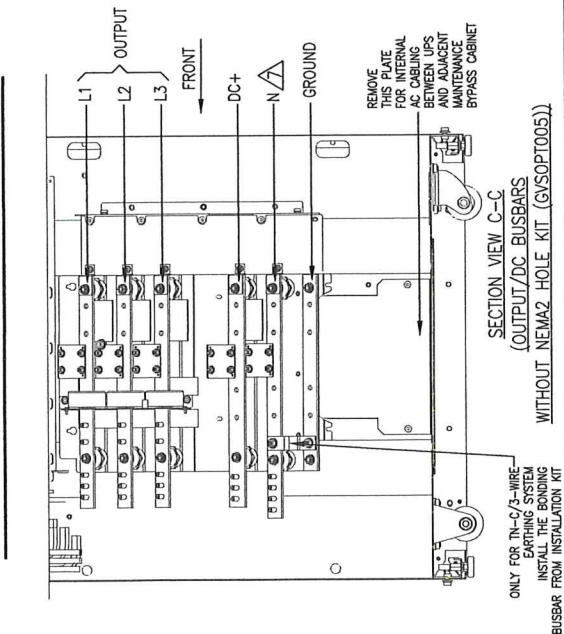
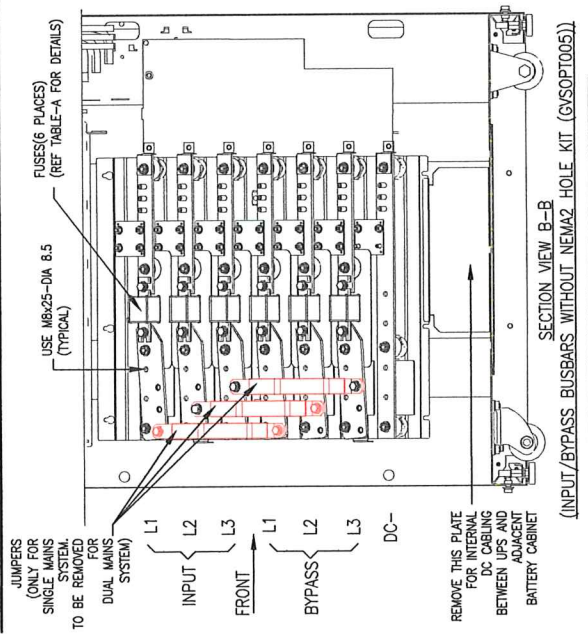
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DETAIL-A (SYSTEM LEVEL CONTROL BOX—ENLARGED VIEW)

WITHOUT NEMA2 HOLE KIT OPTION(SKU#GVSOPT005)



WITH NEMA2 HOLE KIT OPTION(SKU#GVSOPT005)

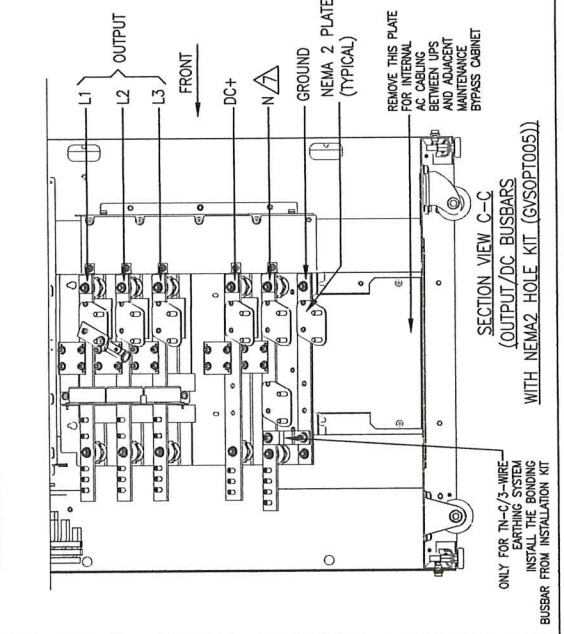
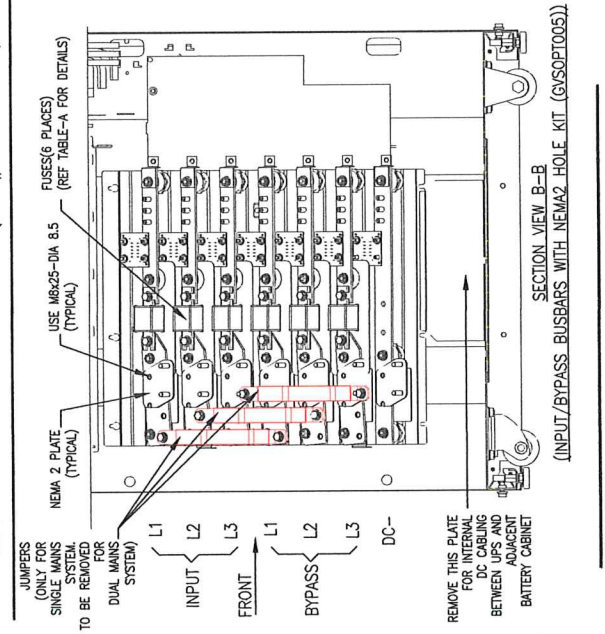


TABLE-A

INPUT/BYPASS FUSE DETAILS				BYPASS FUSE DETAILS	
SKU NUMBER	UPS OPERATING VOLTAGE	UPS RATING (kW)	INPUT FUSE DETAILS		
GVSUPS20KGS	480V	20	315A, 690V (MAKE & MODEL: MERSEN D30191)	315A, 690V (MAKE & MODEL: MERSEN A330188)	
GVSUPS30KGS		30			
GVSUPS40KGS		40			
GVSUPS50KGS		50			
GVSUPS60KGS		60			
GVSUPS80KGS		80			
GVSUPS100KGS	480V	100	550A, 660V (MAKE & MODEL: MERSEN PC30UD69V550A)	50kW UPS EXPANDABLE TO 60/80/100/120/150 REFER TO ABOVE APPLICABLE ROW BASED ON EXPANSION	
GVSUPS120KGS		120			
GVSUPS150KGS	208V	150	315A, 690V (MAKE & MODEL: MERSEN D30191)	315A, 690V (MAKE & MODEL: MERSEN A330188)	
GVSUPS10KFS		10			
GVSUPS15KFS		15			
GVSUPS20KFS		20			
GVSUPS25KFS		25			
GVSUPS30KFS		30			
GVSUPS40KFS	208V	40	550A, 660V (MAKE & MODEL: MERSEN PC30UD69V550A)	25kW UPS EXPANDABLE TO 30/40/50/60/75 REFER TO ABOVE APPLICABLE ROW BASED ON EXPANSION	
GVSUPS50KFS		50			
GVSUPS60KFS		60			
GVSUPS75KFS	208V	75	550A, 660V (MAKE & MODEL: MERSEN PC30UD69V550A)	25kW UPS EXPANDABLE TO 30/40/50/60/75 REFER TO ABOVE APPLICABLE ROW BASED ON EXPANSION	
GVSUPS25K75FS		75			

NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
- Δ5. FOR INTERFACE DETAILS REFER TO SYSTEM WIRING DIAGRAM:—  
GVSUPS25K75F50K150GS-WD.
6. THE SYSTEM IS DESIGNED TO SUPPORT MAXIMUM 300 kcmil CABLES.
- Δ7. CONNECT THE NEUTRAL CABLES. CONNECT BATTERY MIDPOINT (IF PRESENT IN BATTERY SOLUTION).

Colony VS  
UPS 10-75kW/60Hz / 20-150kW/480V  
Input/Output: 208V-3PH-60Hz/208V-3PH-60Hz  
Input/Output: 480V-3PH-60Hz/480V-3PH-60Hz  
INTERNAL DETAILS

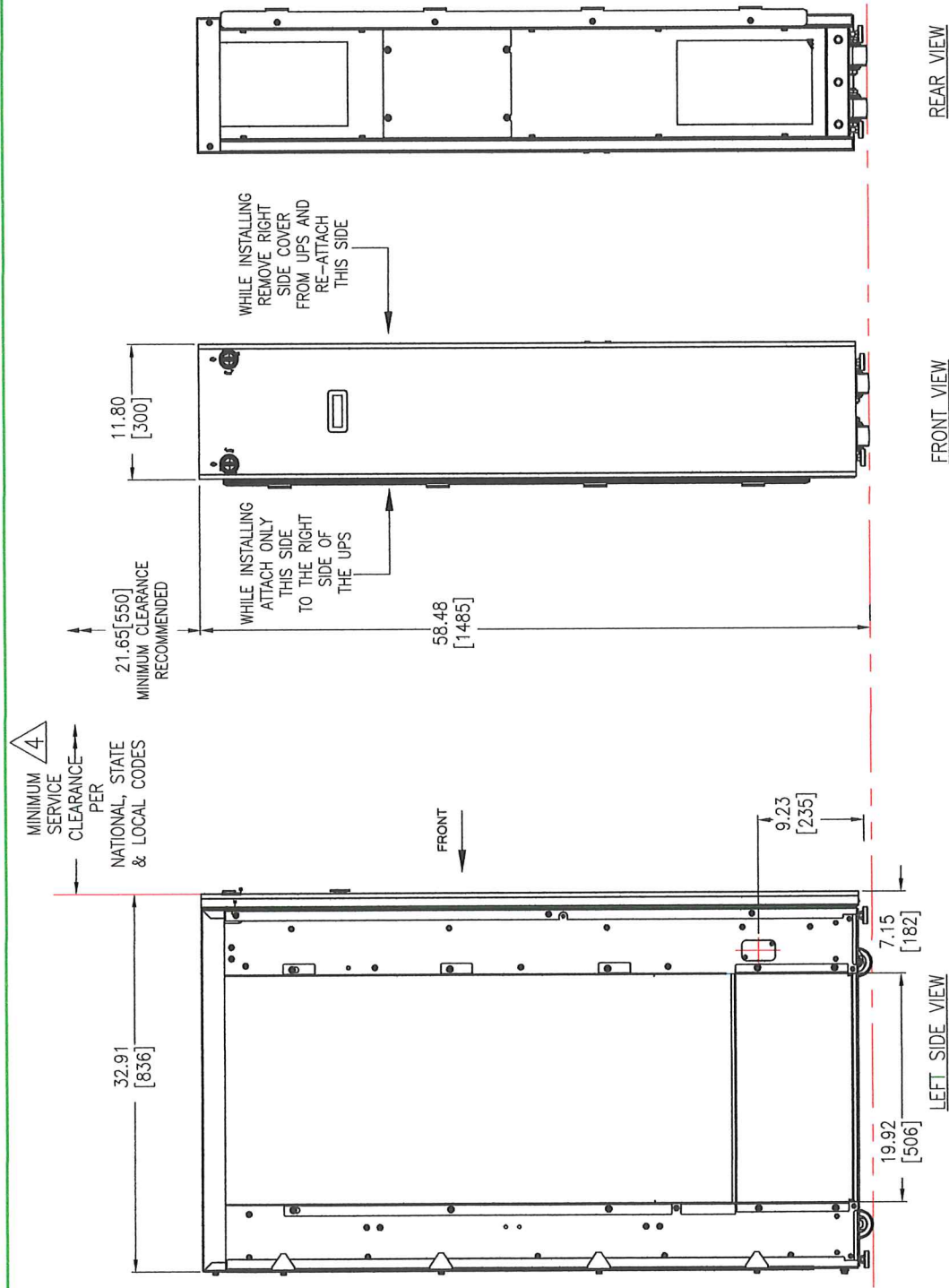
TITLE: GVSUPS10K75F20K150GS  
DRAWN BY: BALA  
ENGINEER: C N / R I  
PROJECT: SUBMITTAL DRAWINGS  
SHEET 5 OF 5  
APPROVED BY: H N / J L

REV. 1  
THIRD  
ANGLE  
PROJECTION

Schneider Electric

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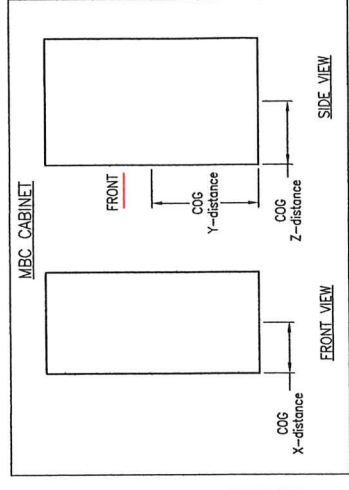




- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. FRONT ACCESS REQUIRED FOR SERVICE.
  5. MINIMUM REQUIRED FRONT CLEARANCE IS 38.58[980]. REAR CLEARANCE REQUIRED IS 5.91[150].
  6. ALL DIMENSIONS EXCLUDES SCREW PROJECTIONS OUTSIDE THE ENCLOSURE.
  7. CABLE ENTRY IS FROM TOP OR BOTTOM OF THE UNIT.
  8. WEIGHT OF THE UNIT IS 264 LBS [120 kg].
  9. OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C].
  10. PROTECTION CLASS: IP20.
  11. COLOR: RAL 9003 WHITE.
  12. WHILE INSTALLING WITH UPS, REMOVE RIGHT SIDE COVER OF THE UPS UNIT AND ATTACH THE MBC UNIT TO THE RIGHT SIDE OF THE UPS UNIT. RE-ATTACH RIGHT SIDE COVER OF THE UPS TO THE LEFT SIDE OF THE MBC UNIT.

CENTER OF GRAVITY DETAILS

RATING	Center of Gravity in Inches [mm]		
	X-Distance	Y-Distance	Z-Distance
100-150kW	5.91 [150]	29.13 [740]	13.78 [350]



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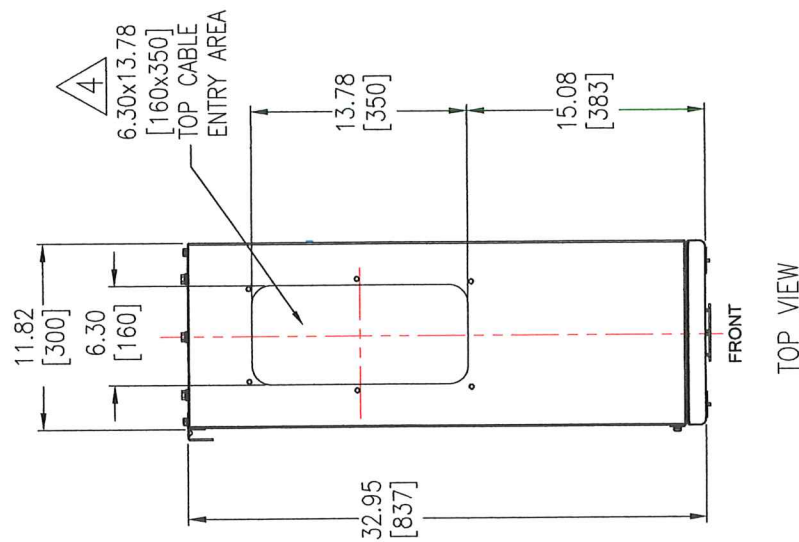
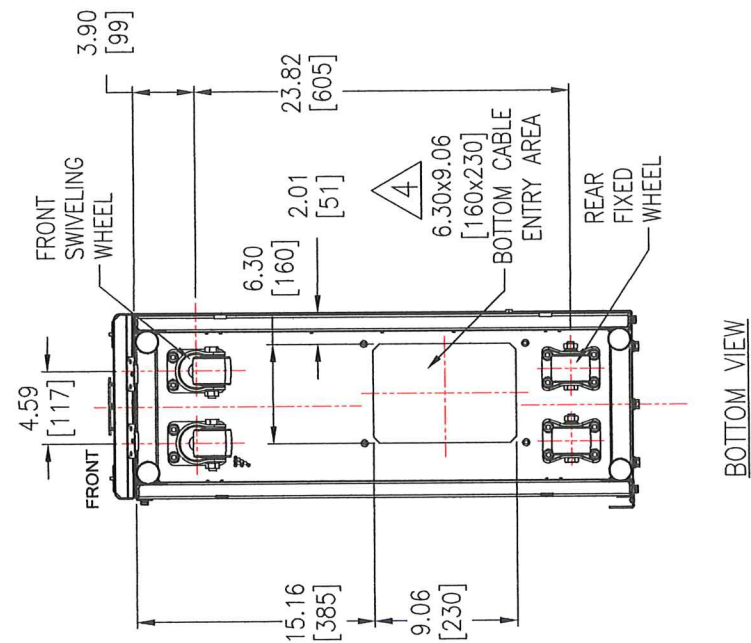
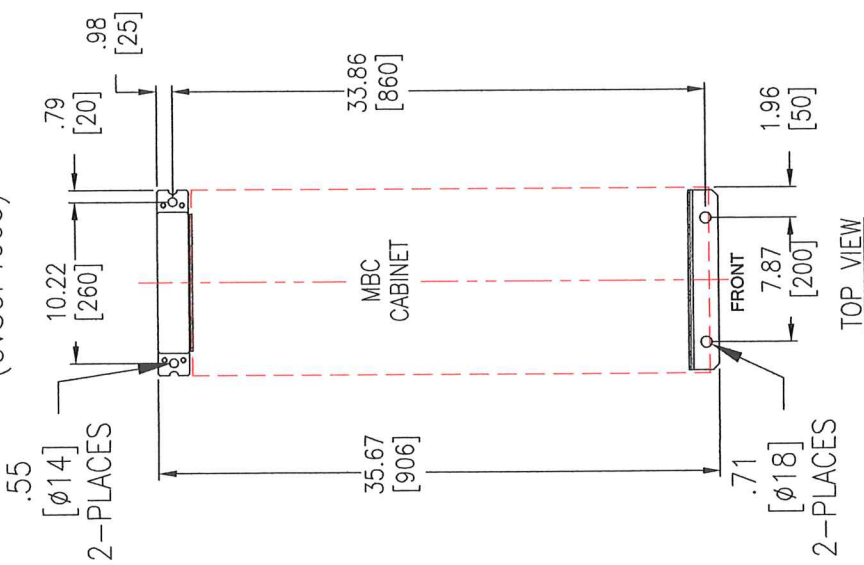
Schneider Electric

TITLE: Galaxy VS  
MAINTENANCE BYPASS CABINET 75kW/150kW  
Input: 208V/480V, 3PH, 60Hz  
Output: 208V/480V, 3PH OR 3PHN, 60Hz  
GENERAL ARRANGEMENT  
PROJECT: SUBMITTAL DRAWINGS SHEET 1 OF 4

DWG NO: GVSBU150G  
REV. 0  
DRAWN BY: K.NAGENDRA  
ENGINEER: JACHEN UN  
APPROVED BY: JACHEN L/RENE I  
FIRS  
ANGL  
PROJECT



5 OPTIONAL SEISMIC KIT  
(GVSOPT003)



- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. DRILL/PUNCH HOLES IN PLATE. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
  5. FIXATION OF ANCHORING BRACKETS IS OPTIONAL IN NON-SEISMIC LOCATIONS.

**TITLE:** Galaxy VS  
MAINTENANCE BYPASS CABINET 75kW/150kW  
Input: 208V/480V, 3PH, 60Hz  
Output: 208V/480V, 3PH OR 3PH+N, 60Hz  
TOP-BOTTOM VIEWS & ANCHORING

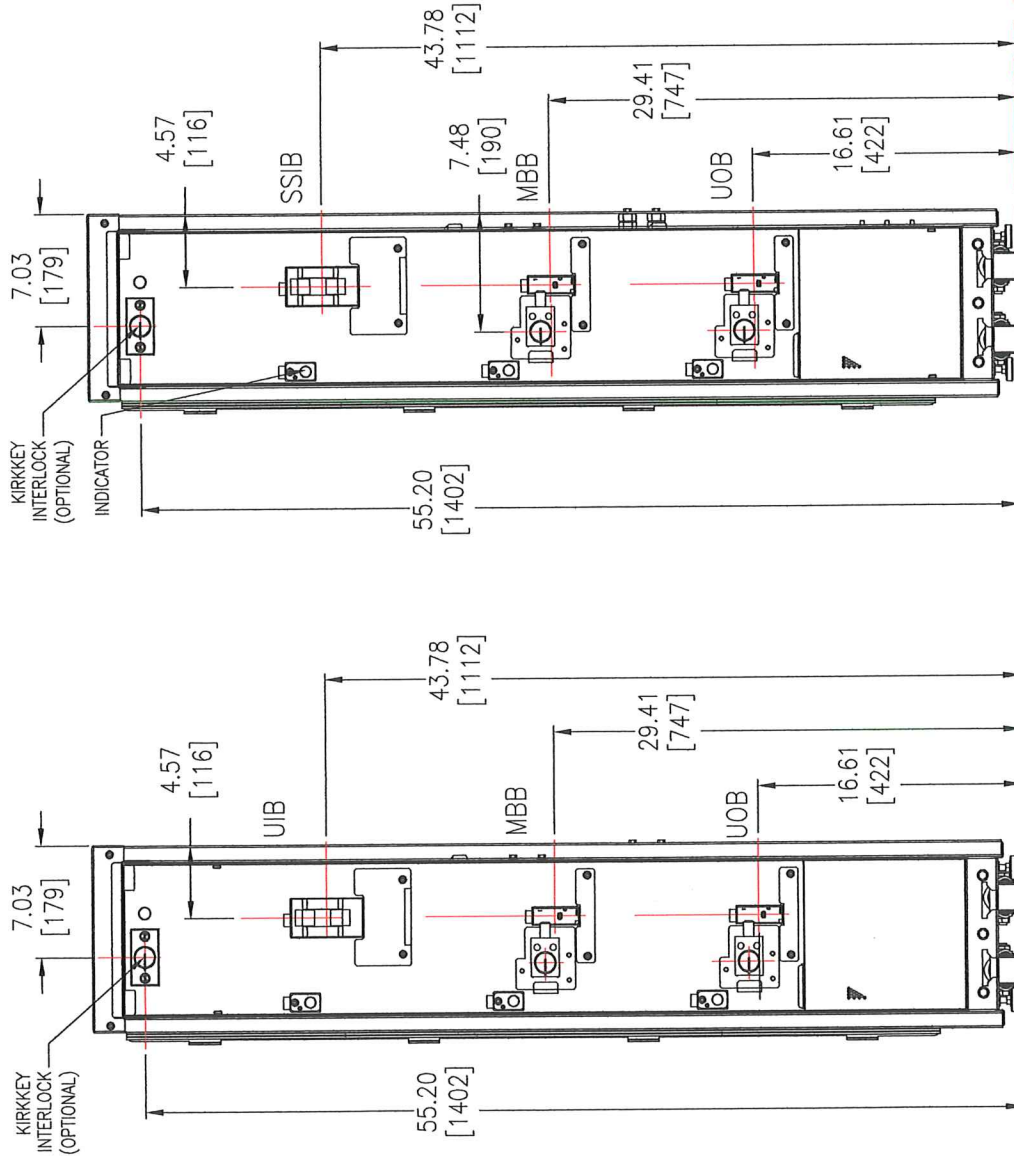
**Schneider Electric**

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DWG NO: GVBPSU150G	REV: 0
DRAWN BY: K.NAGENDRA	FIRST ANGLE
ENGINEER: JACHEN LIN	
APPROVED BY: JACHEN L FENE I	PROJECTION

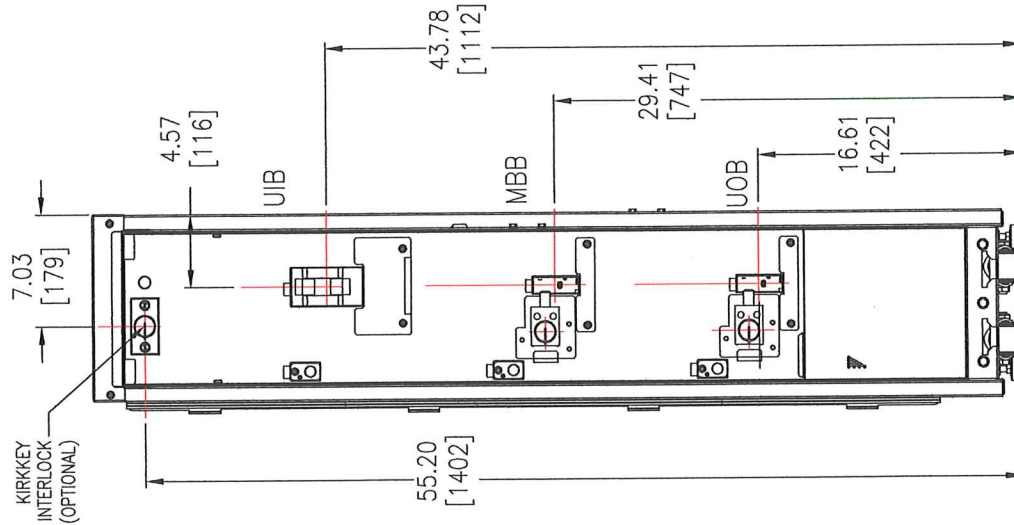


# MBC FOR DUAL MAINS SYSTEM

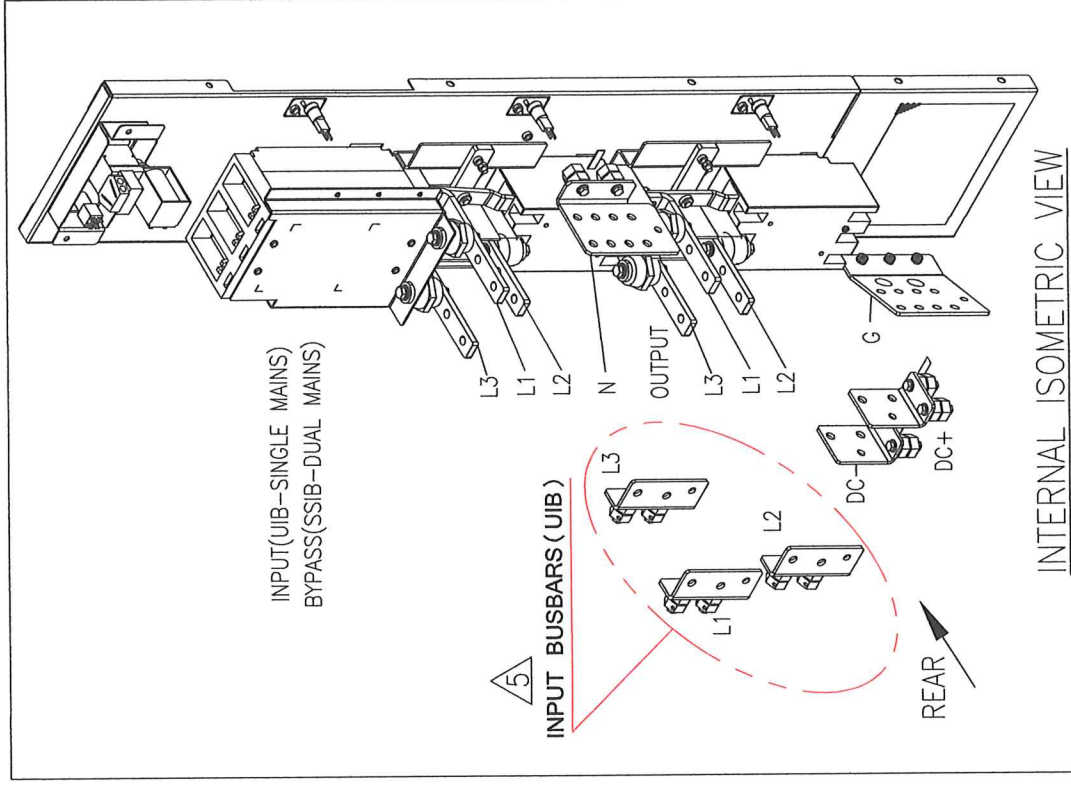


FRONT VIEW  
(DOOR REMOVED)

# MBC FOR SINGLE MAINS SYSTEM



FRONT VIEW  
(DOOR REMOVED)



INTERNAL ISOMETRIC VIEW

208V SYSTEM BREAKER DETAILS

UPS Rating	Breaker Type	
	UIB/SSIB	MBB/UOB
50		
60	LIF36400CU31X	JIF36250CU31X
75		

480V SYSTEM BREAKER DETAILS

UPS Rating	Breaker Type	
	UIB/SSIB	MBB/UOB
100		
120	LIF36400CU31X	JIF36250CU31X
150		

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. SOME STRUCTURAL DETAILS HAVE BEEN OMITTED FOR THE PURPOSE OF CLARITY.
  5. INPUT BUSBARS REQUIRED ONLY FOR DUAL MAINS TOP ENTRY CONFIGURATION. SHALL BE REMOVED TO GET MORE CABLE ROUTING SPACE FOR ALL OTHER CONFIGURATIONS.

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**Schneider Electric**

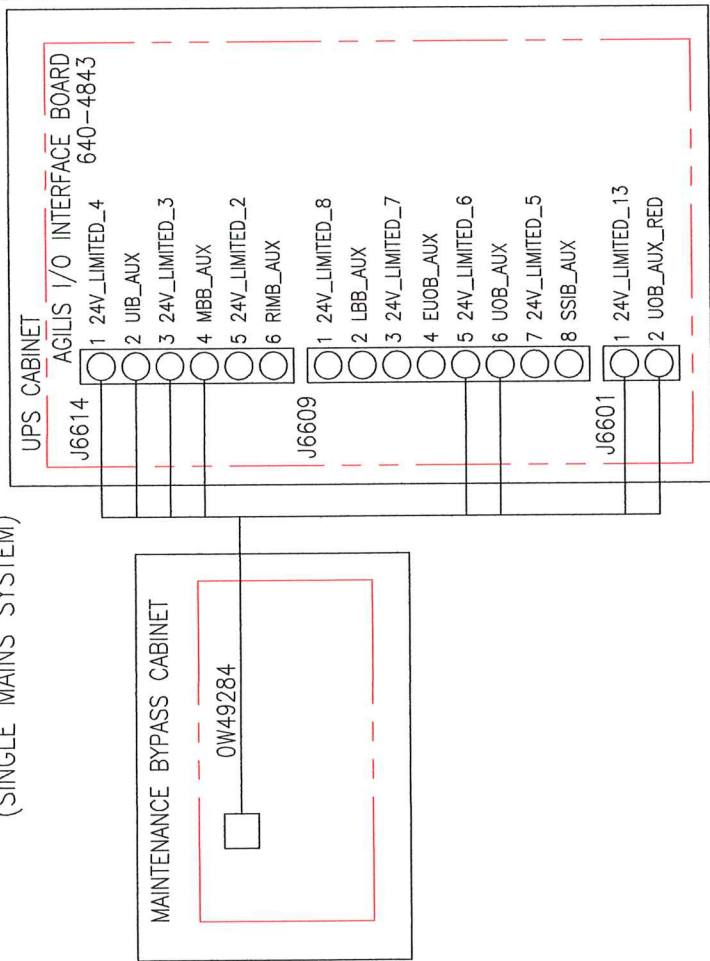
TITLE: Galaxy VS  
MAINTENANCE BYPASS CABINET 75kW/150kW  
Input: 208V/480V, 3PH, 60Hz  
Output: 208V/480V, 3PH or 3PHH, 60Hz  
INTERNAL VIEWS-1

PROJECT: SUBMITTAL DRAWINGS SHEET 3 OF 4 APPROVED BY: JACHEN L/RENE I 11-JAN-19

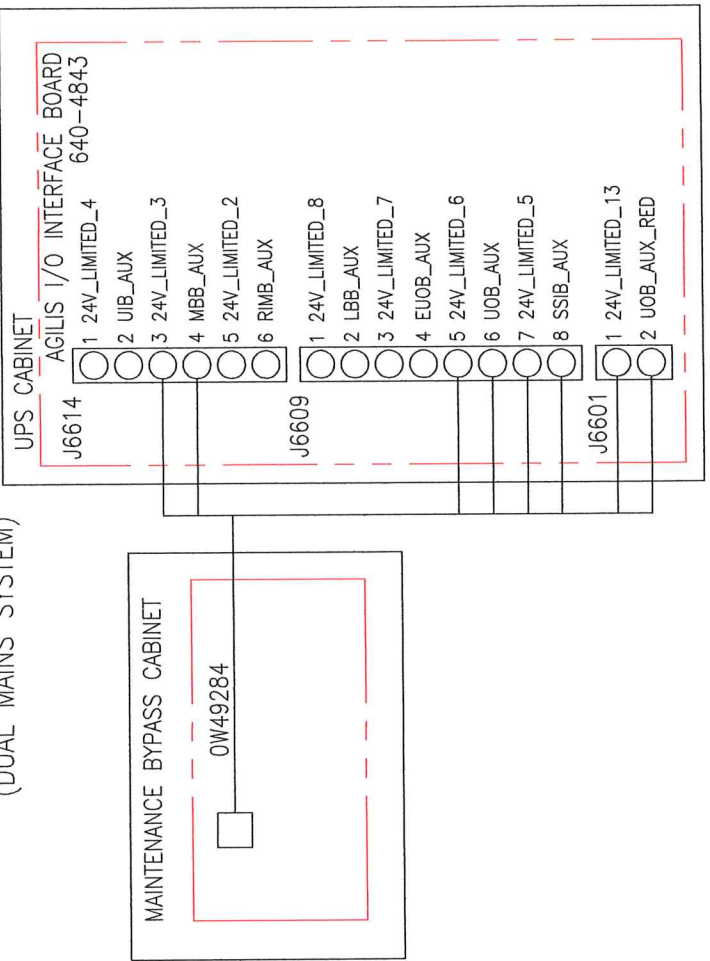
DWG NO: GVSBPUSU150G	REV: 0
DRAWN BY: K.NAGENDRA	11-JAN-19
ENGINEER: JACHEN LIN	11-JAN-19
APPROVED BY: JACHEN L/RENE I	11-JAN-19
	FIRST ANGLE PROJECTION



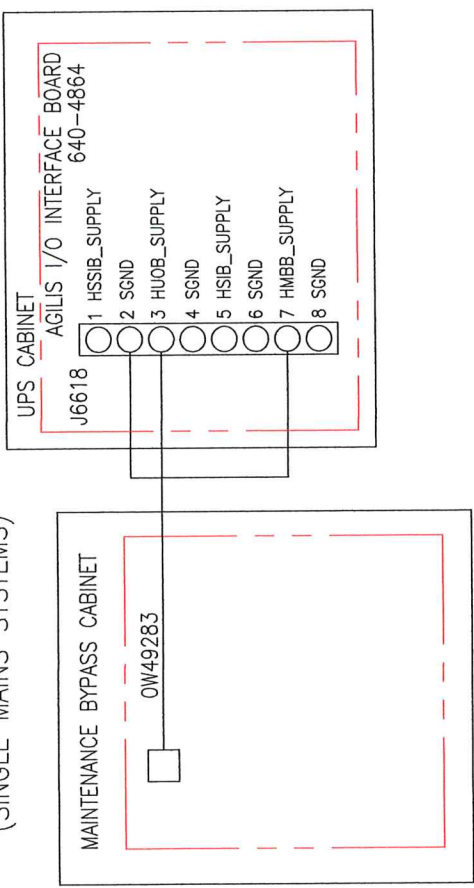
CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE  
(SINGLE MAINS SYSTEM)



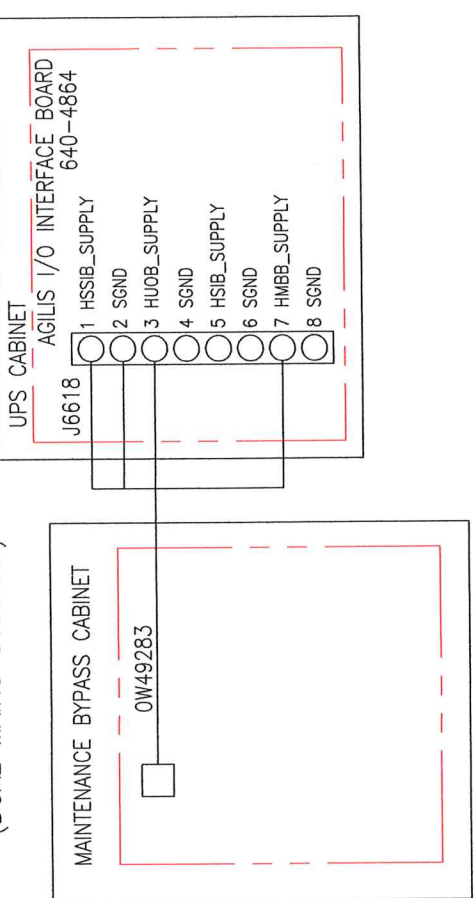
CONNECTION NON-CLASS 2/NON-SELV SIGNAL CABLE  
(DUAL MAINS SYSTEM)



CONNECTION CLASS 2/NON-SELV SIGNAL CABLE  
(SINGLE MAINS SYSTEMS)



CONNECTION CLASS 2/NON-SELV SIGNAL CABLE  
(DUAL MAINS SYSTEMS)



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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TITLE: **Colony VS. MAINTENANCE BYPASS CABINET**  
Input: 208V/180V, 3PH, 60Hz  
Output: 208V/180V, 3PH, 60Hz  
INTERFACE DETAILS

PROJECT: SUBMITTAL DRAWINGS SHEET 4 OF 4

DWG NO: **GVSBP5U150G**

REV. **0**

DRAWN BY:	K.NAGENDRA	11-JAN-19	FIRST
ENGINEER:	JACHEN LIN	11-JAN-19	ANGLE
APPROVED BY:	JACHEN L/RENE I	11-JAN-19	PROTECTION



# Battery Cabinet

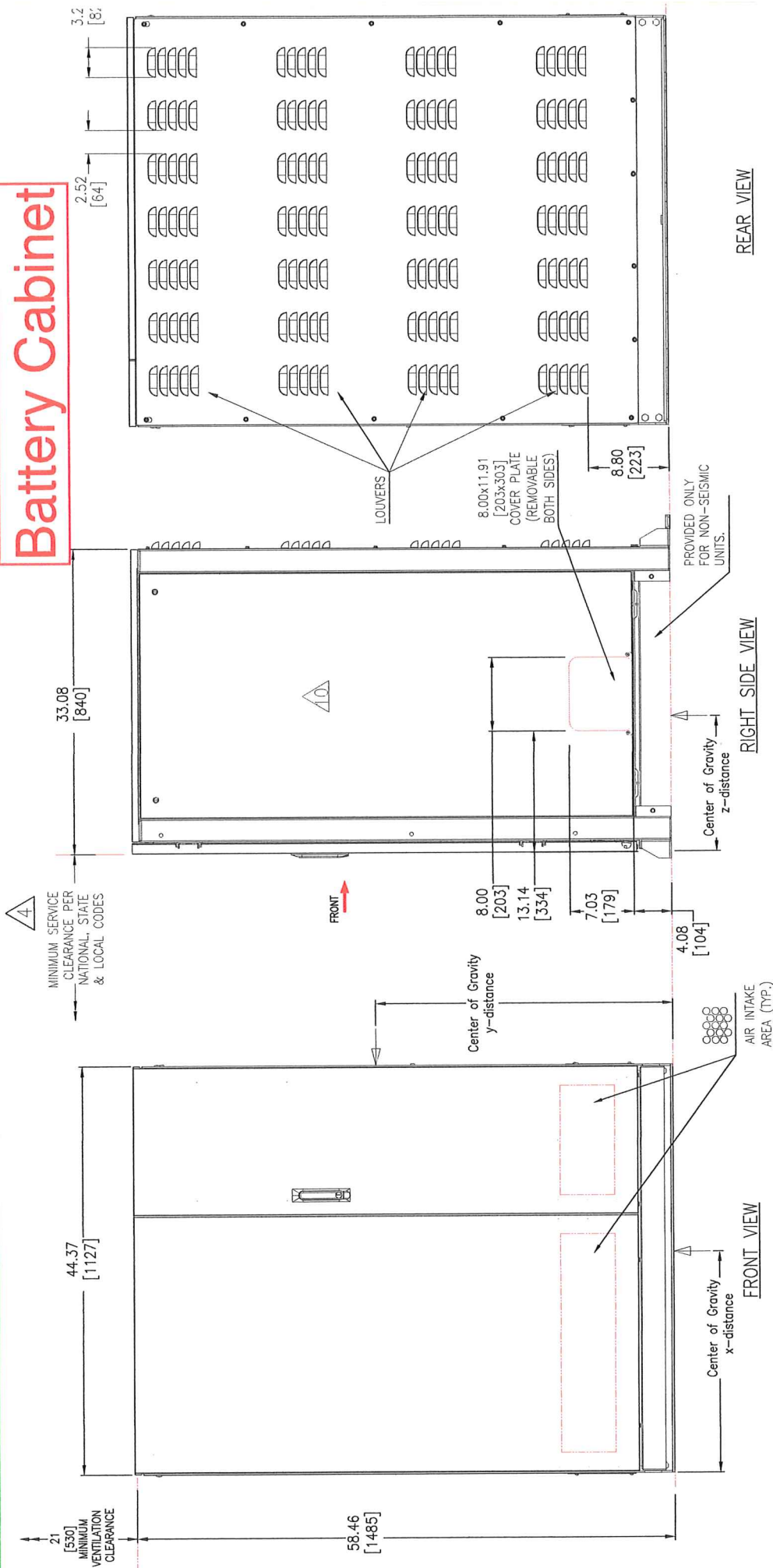


TABLE -1

SKU	Center of Gravity in Inches [mm]			Weight lbs [kg]
	X-Distance	Y-Distance	Z-Distance	
GVSCBT6ST	19.56 [497]	28.94 [735]	17.04 [433]	3828 [1736]
GVSCBT7ST	19.56 [497]	28.94 [735]	17.04 [433]	

- NOTES:
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  - REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  - ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  - ONLY FRONT ACCESS REQUIRED FOR SERVICE. MINIMUM RECOMMENDED FRONT CLEARANCE IS 36.0 [914].
  - CABLE ENTRY IS FROM TOP OR BOTTOM OF THE UNIT.
  - FOR CENTER OF GRAVITY AND WEIGHT DETAILS REFER TO TABLE-1.
  - OPERATING TEMPERATURE: 32°F TO 104°F [0°C TO 40°C], RECOMMENDED TEMPERATURE AT 77°F[25°C].
  - DOOR OPENS 110°.
  - COLOR: RAL 9003, GLOSS LEVEL 85%.
  - ALL CABINETS SHIPPED WITH SIDE PANELS.
  - FOR ADJACENT BATTERY CABINET. INSTALL ON THE LEFT SIDE OF THE UPS CABINET.

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TITLE: GALAXY VS. BATTERY CABINET UL TYPE-6ST/7ST, 40 BATTERIES  
Input: 480Vdc, 3PH, 60Hz  
Output: 480Vdc, 3PH, 60Hz  
GENERAL ARRANGEMENT

DWG NO: GVSCBT6ST-7ST

REV. 0

THIR

13-AUG-19

PRASANNA.T

05-NOV-19

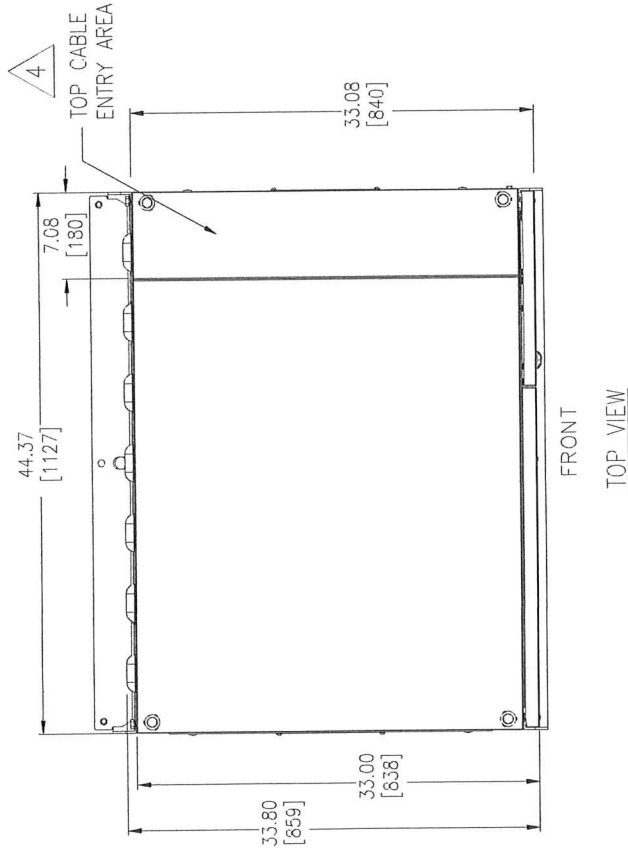
PRASANNA.T

05-NOV-19

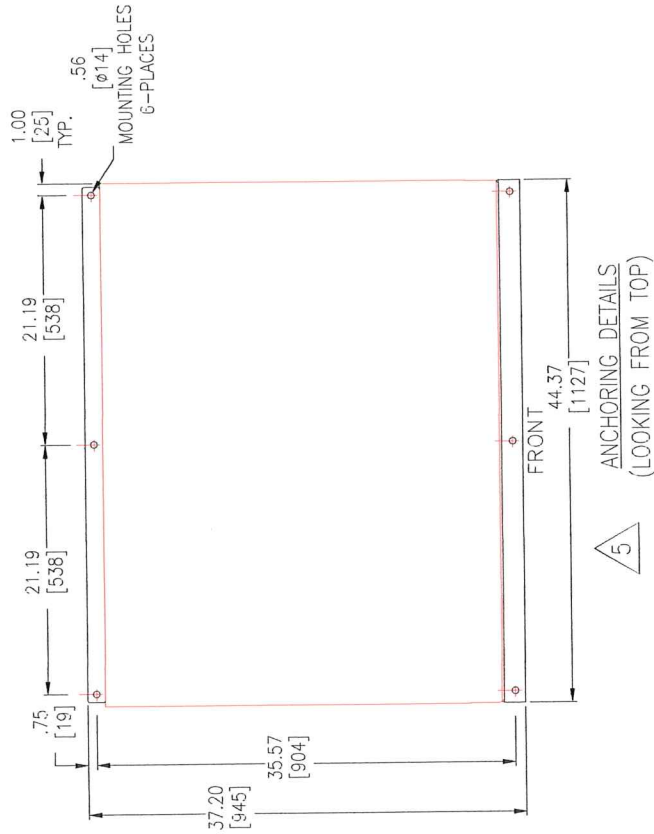
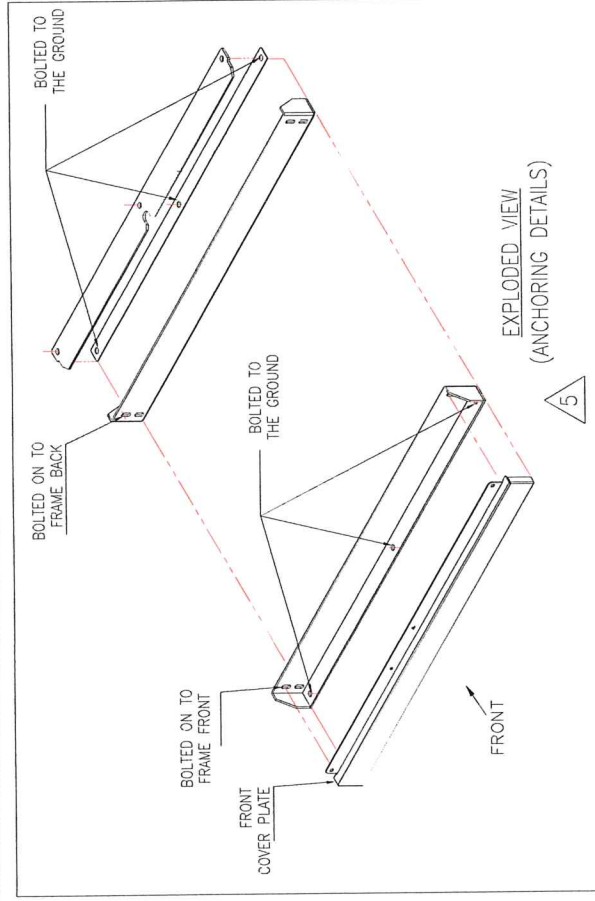
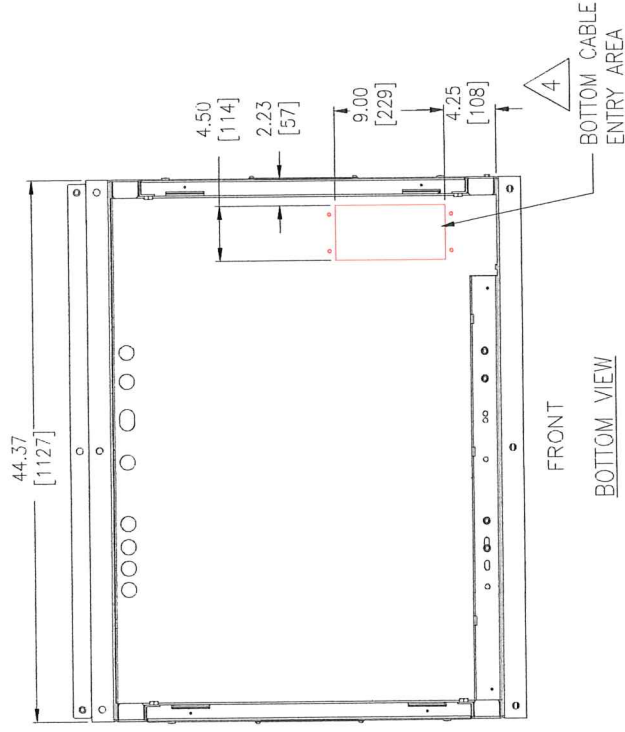
PROJECT



# TOP ENTRY CONDUIT LOCATION



# BOTTOM ENTRY CONDUIT LOCATION



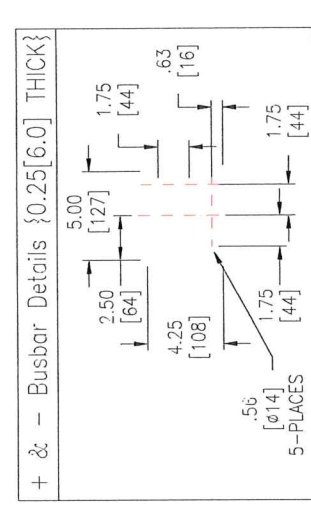
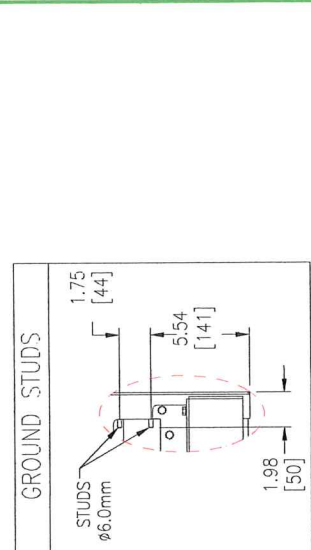
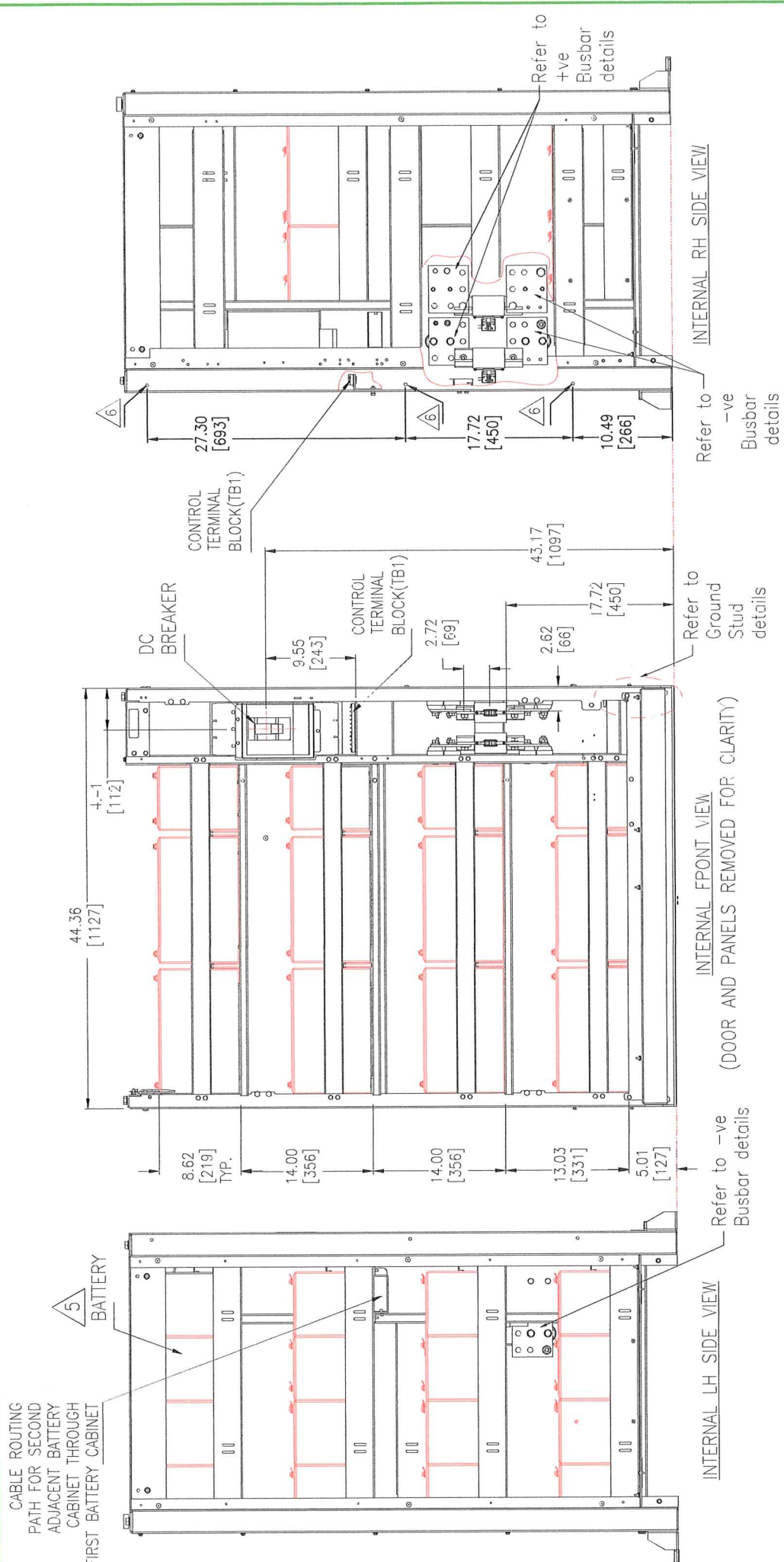
- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES [MILLIMETERS].
  4. DRILL/PUNCH HOLES IN PLATE AS PER REQUIREMENT.
  5. REMOVE PLATE FROM CABINET BEFORE DRILLING/PUNCHING.
- △5. APPLIES TO SKU'S GVSCBT2ST AND GVSCBT3ST ONLY.

TITLE:	GALAXY VS BATTERY CABINET UL TYPE-6ST-7ST 40 BATTERIES	DWG NO:	GVSCBT6ST-7ST	REV:	0
Input:	480VAC, 3PH, 60Hz	Drawn By:	K.NAGENDRA	13-AUG-19	THIRD
Output:	480VAC, 3PH, 60Hz	Engineer:	PRASANNAT	05-NOV-19	ANGLE
PROJECT: DRAWINGS	SHEET 2 OF 13	APPROVED BY:	PRASANNAT	05-NOV-19	PROJECTION

**Schneider Electric**

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**TORQUE SPECIFICATIONS**

M6	5.0Nm (3.60lb-ft)
M8	17.5Nm (12.91lb-ft)
M10	30.0Nm (22.0lb-ft)
M12	50.0Nm (36.87lb-ft)

- NOTES:**
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS).
  4. FOR BATTERY INTERFACE DETAILS REFER TO UPS INSTALLATION MANUAL.
  5. BATTERY ARRANGEMENT SHOWN ABOVE IS TYPICAL.
  6. FOR ADJACENT BATTERY CABINET FRAME CONNECTION TO UPS: REMOVE LEFT SIDE PANEL AND PLATE FROM UPS. REMOVE KNOCKOUTS (THREE PLACES) ON RIGHT FRONT SIDE OF BATTERY CABINET FRAME. PLACE BATTERY CABINET NEXT TO UPS. LINE UP HOLES AND SECURE WITH M6 HARDWARE INCLUDED WITH BATTERY CABINET.

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**TITLE:** GALAXY VS. BATTERY CABINET UI TYPE-6ST/7ST 40 BATTERIES Input: 480Vdc, 3PH, 60Hz Output: 480Vdc, 3PH, 60Hz INTERNAL VIEW

**DWG NO:** GVSCBT6ST-7ST

**DRAWN BY:** K NAGENDRA

**ENGINEER:** PRASANNAT

**APPROVED BY:** PRASANNAT

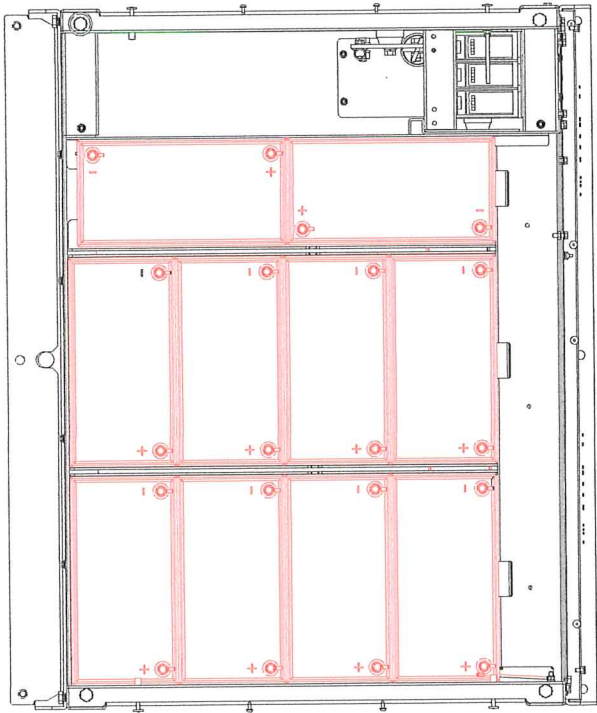
**PROJECT:** DRAWINGS

**SHEET:** 3 OF 13

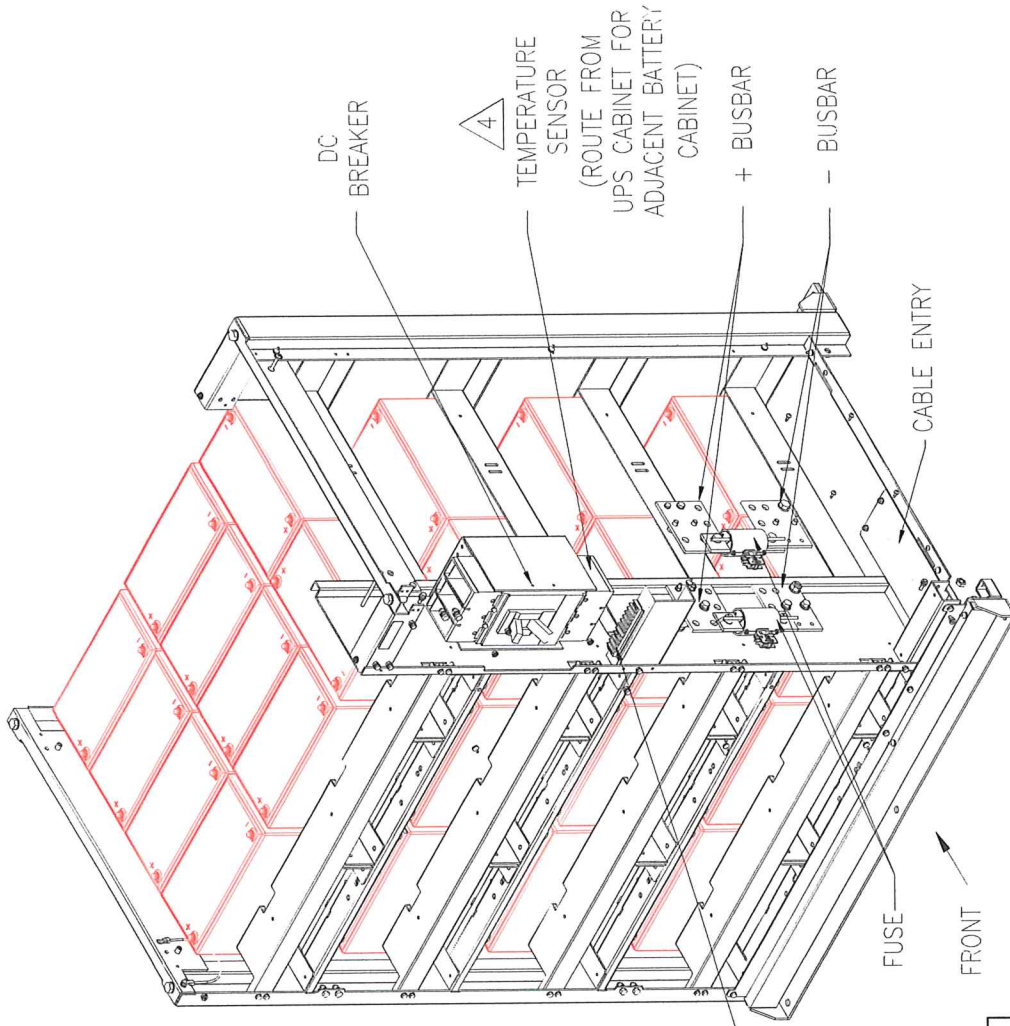
**REV:** 0

**THIRD ANGLE PROJECTION**





SECTIONAL VIEW A-A  
TOP VIEW  
(BATTERY SHOWN FOR REFERENCE)



INTERNAL ISOMETRIC VIEW  
(FRAME CUT AND SHOWN FOR CONVENIENCE)

SKU	DC BREAKER RATING	FUSE RATING	NUMBER OF BATTERIES
GVSCBT6ST	250A	300A	40
GVSCBT7ST	400A	400A	40

- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. FOR CONNECTION DETAILS REFER TO UPS INSTALLATION MANUAL.
  4. THE TEMPERATURE SENSOR IS SUPPLIED IN THE UPS CABINET.  
FOR ADJACENT BATTERY CABINET, CONNECT IN THE UPS, ROUTE AND MOUNT SENSOR WHERE SHOWN IN THE BATTERY CABINET.  
FOR REMOTE BATTERY CABINET, CONNECT TO TERMINAL BLOCK IN BATTERY CABINET. CONNECTION FROM BATTERY TO UPS NOT PROVIDED. REFER TO SHEET-6 FOR CONNECTION DETAILS.
  5. REMOVABLE PAD-LOCK PROVIDED FOR DC BREAKER.

DWG NO:	GVSCBT6ST-7ST	REV:	0
DRAWN BY:	K.NAGENDRA	13-AUG-19	THIR
ENGINEER:	PRASANNA	05-NOV-19	ANGL
APPROVED BY:	PRASANNA	05-NOV-19	PROJECT

**Schneider Electric**

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Classic Battery Cabinets																	
BATTERY RUNTIMES (minutes) at Full Load (calculated)				1 x GVSCBT6ST 44" / 1127mm Wide 40 Batteries			1 x GVSCBT7ST 44" / 1127mm Wide 40 Batteries			2 x GVSCBT6ST 2 x 44" / 1127mm Wide 40 Batteries			2 x GVSCBT7ST 2 x 44" / 1127mm Wide 40 Batteries				
				----NA----			----NA----			Add GVSOPT028 Cable kit for the 2nd cabinet in a group			Add GVSOPT028 Cable kit for the 2nd cabinet in a group				
				PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1		
GALAXY VS (1 PM)	480V	20kW	GVSUPS20KGS	137.0	118.0	104.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
		30kW	GVSUPS30KGS	83.0	72.0	63.0									309.0	270.0	240.0
		40kW	GVSUPS40KGS	58.0	50.0	43.0									193.0	168.0	148.0
		50kW	GVSUPS50KGS	43.0	37.0	32.0									137.0	119.0	104.0
GALAXY VS (2 PM)	480V	60kW	GVSUPS60KGS	34.0	29.0	25.0	104.0	90.0	79.0	83.0	72.0	63.0	N/A	N/A			
		80kW	GVSUPS80KGS	23.0	20.0	17.0	58.0	50.0	43.0	58.0	50.0	43.0					
		100kW	GVSUPS100KGS	17.0	14.0	12.0	43.0	37.0	32.0	43.0	37.0	32.0					
		120kW	GVSUPS120KGS	N/A			13.0	11.0	9.3	N/A					34.0	29.5	25.5
GALAXY VS (3 PM)	480V	150kW	GVSUPS150KGS	N/A			9.0	7.5	6.4	N/A			25.5	21.5	18.5		
		10kW	GVSUPS10KFS	311.0	270.0	240.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
		15kW	GVSUPS15KFS	193.0	167.0	149.0									667.0	583.0	523.0
		20kW	GVSUPS20KFS	137.0	118.0	104.0									428.0	374.0	334.0
25kW	GVSUPS25KFS	104.0	90.0	79.0	309.0	270.0									240.0		
GALAXY VS (2 PM)	208V	30kW	GVSUPS30KFS	83.0	72.0	63.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
		40kW	GVSUPS40KFS	58.0	50.0	43.0									240.0	209.0	184.0
		50kW	GVSUPS50KFS	43.0	37.0	32.0									193.0	168.0	148.0
		60kW	GVSUPS60KFS	34.0	29.0	25.5									137.0	119.0	104.0
GALAXY VS (3 PM)	208V	75kW	GVSUPS75KFS	N/A			25.5	21.5	18.5	N/A			83.0	71.5	56.0		
														63.0	54.0	47.0	

- NOTES:
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. REFER TO BATTERY INSTALLATION MANUAL FOR CABLING DETAILS.



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TITLE: GALAXY VS BATTERY CABINET UL TYPE-6ST&7ST 40 BATTERIES Input: 480Vdc, 3PH, 60Hz Output: 480Vdc, 3PH, 60Hz RUNTIME DATA-1 & SPECIFICATION

PROJECT: DRAWINGS SHEET 5 OF 13

DWG NO: GVSCBT6ST-7ST

REV. 1

DRAWN BY: K NAGENDRA

ENGINEER: PRASANNAT

APPROVED BY: PRASANNAT

26-MAR-20

26-MAR-20

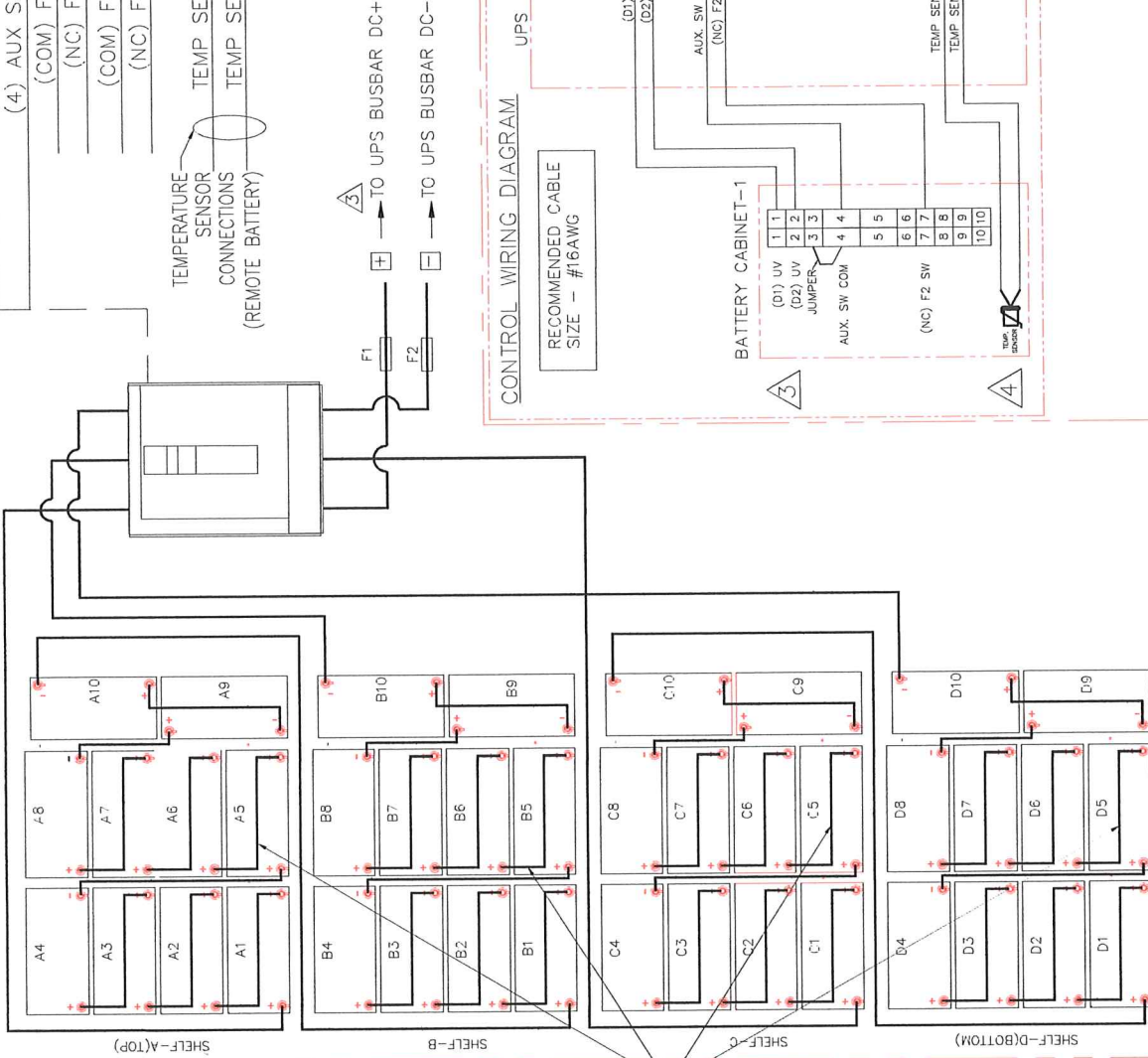
26-MAR-20

THIRD ANGLE PROJECTION



1	(D1) UV
2	(D2) UV
3	JUMPER
4	(1) AUX SW COM
5	(4) AUX SW NO
6	(COM) F1 SW
7	(NC) F1 SW
8	(COM) F2 SW
9	(NC) F2 SW
10	TEMP SENSOR
11	TEMP SENSOR

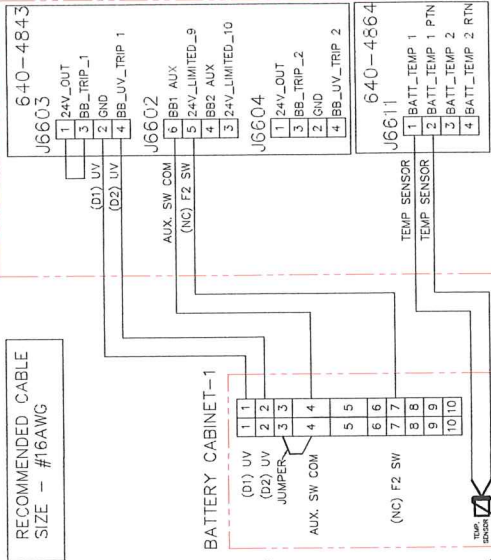
TEMPERATURE  
SENSOR  
CONNECTIONS  
(REMOTE BATTERY)



CONTROL WIRING DIAGRAM

RECOMMENDED CABLE  
SIZE - #16AWG

UPS

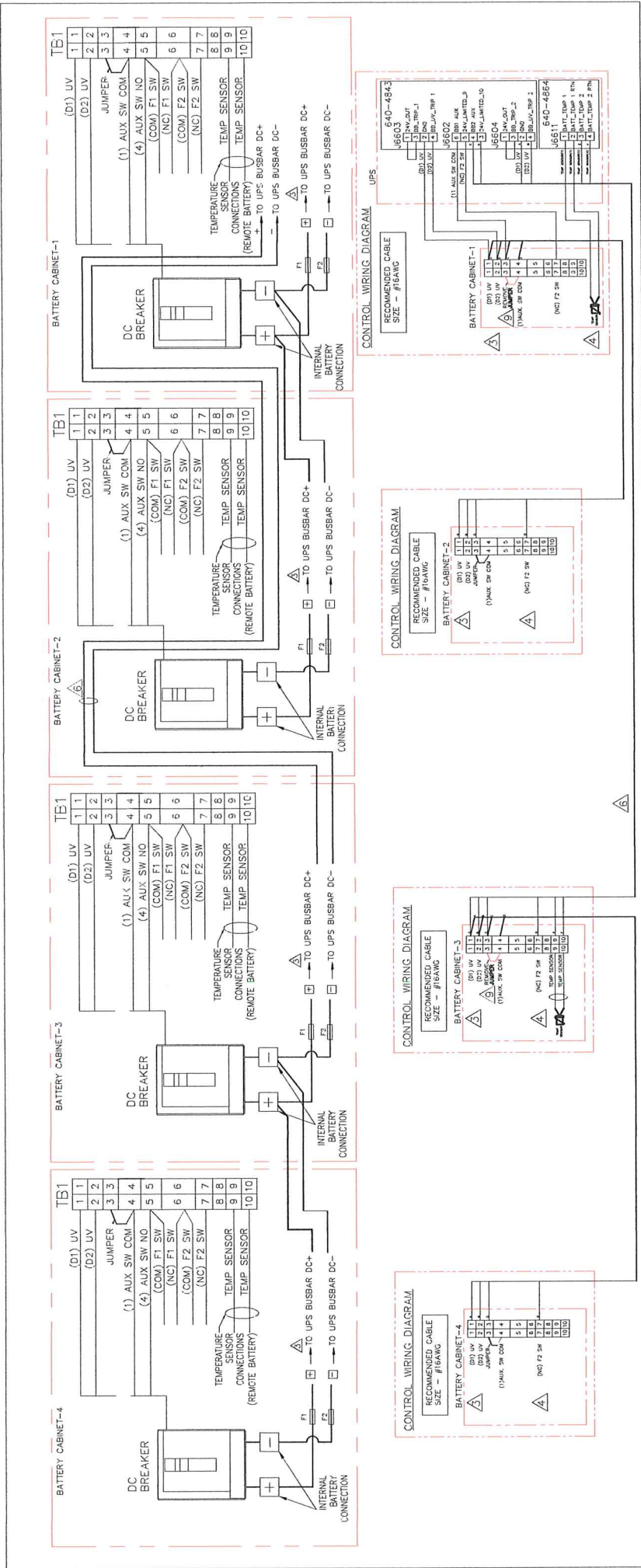


- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. POWER AND CONTROL CABLES ARE PROVIDED. FOR USE ONLY WITH ADJACENT BATTERY CABINET.
  4. INSTALLATION ON LEFT SIDE OF UPS CABINET.
  5. TEMPERATURE SENSOR 0M-1160 IS SUPPLIED IN THE UPS CABINET.
  6. STRING DISCONNECT CABLES ARE REMOVED FROM EACH SHELF PRIOR TO SHIPMENT. RE-CONNECT PRIOR TO CABINET INSTALLATION.
- TORQUE CABLES TO BATTERY MANUFACTURER'S SPECIFICATION.



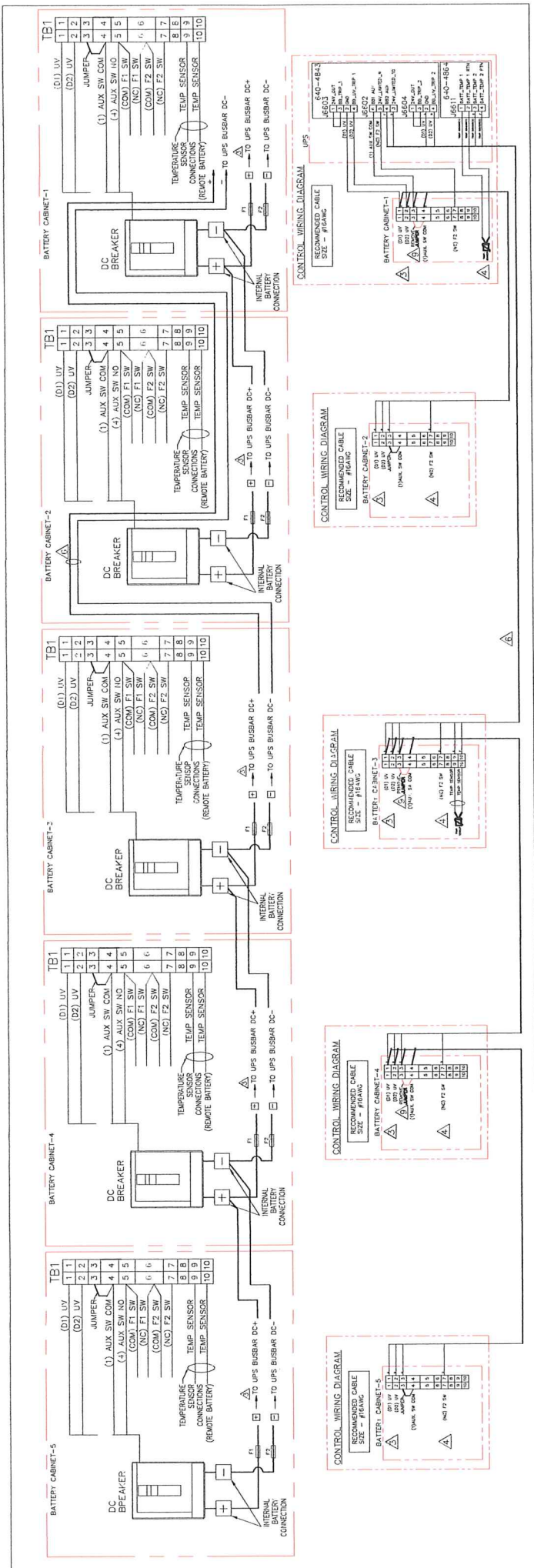






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1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
  3. POWER AND CONTROL CABLES ARE PROVIDED, FOR USE ONLY WITH ADJACENT BATTERY CABINET.
  4. INSTALLATION ON LEFT SIDE OF UPS CABINET.
  5. TEMPERATURE SENSOR OM-1160 IS SUPPLIED IN THE UPS CABINET.
  6. STRING DISCONNECT CABLES ARE REMOVED FROM EACH SHELF PRIOR TO SHIPMENT. RE-CONNECT PRIOR TO CABINET INSTALLATION.
  7. TORQUE CABLES TO BATTERY MANUFACTURER'S SPECIFICATION.
  8. ADJACENT BATTERY CABINET-3 INSTALLATION REQUIRES OPTIONAL CABLE KIT "GVSOPT028" FOR CONNECTION TO UPS. DISCARD PRE-INSTALLED POWER AND COMMUNICATION CABLES. ADDITIONAL TEMPERATURE SENSOR OM-1160 REQUIRED.
  9. BATTERY CABINET-1 AND BATTERY CABINET-3 EACH CONNECT DIRECTLY TO THE UPS CABINET.
  10. NO DAISY CHAIN CONNECTIONS BETWEEN BATTERY CABINETS.
  11. REMOTE BATTERY CABLES PROVIDED BY OTHERS.
  12. REMOVE THIS JUMPER FOR FOUR BATTERY CABINETS CONFIGURATION





# NOTES:

1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.
3. POWER AND CONTROL CABLES ARE PROVIDED, FOR USE ONLY WITH ADJACENT BATTERY CABINET.
4. INSTALLATION ON LEFT SIDE OF UPS CABINET.
5. TEMPERATURE SENSOR OM-1160 IS SUPPLIED IN THE UPS CABINET.
6. STRING DISCONNECT CABLES ARE REMOVED FROM EACH SHELF PRIOR TO SHIPMENT. RE-CONNECT PRIOR TO CABINET INSTALLATION.
7. TORQUE CABLES TO BATTERY MANUFACTURER'S SPECIFICATION.
8. ADJACENT BATTERY CABINET-3 INSTALLATION REQUIRES OPTIONAL CABLE KIT "GVSOPT028" FOR CONNECTION TO UPS. DISCARD PRE-INSTALLED POWER AND COMMUNICATION CABLES. ADDITIONAL TEMPERATURE SENSOR CABLE KIT "GVSOPT028" REQUIRED.
9. BATTERY CABINET-1 AND BATTERY CABINET-3 EACH CONNECT DIRECTLY TO THE UPS CABINET.
10. NO DAISY CHAIN CONNECTIONS BETWEEN BATTERY CABINETS.
11. REMOTE BATTERY CABLES PROVIDED BY OTHERS.
12. REMOVE THIS JUMPER FOR FIVE BATTERY CABINETS CONFIGURATION.

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**TITLE:** GALAXY VS. BATTERY CABINET W/ TYPE-657A/7ST 40 BATTERIES

**INPUT:** 480Vdc, 3PH, 60Hz

**OUTPUT:** 480Vdc, 3PH, 60Hz

**CABLEING DETAILS-5**

**DWG NO:** GVSCBT6ST-7ST

**REV. 1**

**DRAWN BY:** K.NAGENDRA

**ENGINEER:** PRASANNA.T

**APPROVED BY:** PRASANNA.T

**PROJECT:** DRAWINGS

**SHEET 11 OF 13**

**DATE:** 26-MAR-20

**ANGLE:** 26-MAR-20

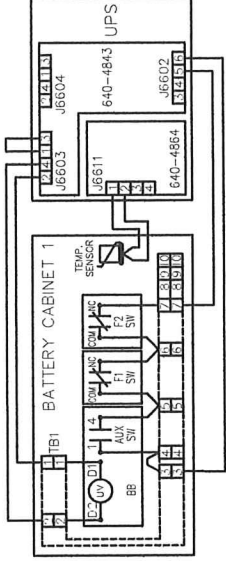
**PROJECTION:** 26-MAR-20



CONTROL WIRING CONFIGURATION FOR ONE BATTERY CABINET

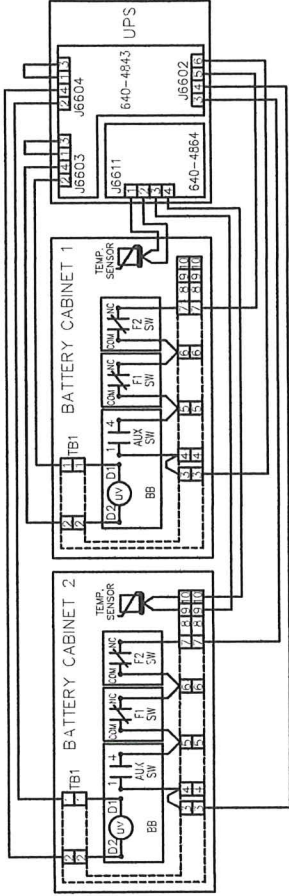
BATTERY CABINET 1	UPS	
	TO UPS	
TB1-3 & TB1-4 JUMPER=ON	-	J6602-3
	-	J6602-4
	TB1-7	J6602-5
	TB1-3	J6602-6
	TB1-1	J6603-2
	TB1-2	J6603-4
TEMP SENSOR	-	J6604-2
	-	J6604-4
	-	J6611-1
	-	J6611-2
TEMP SENSOR	-	J6611-3
	-	J6611-4
	-	J6611-5

640-4843



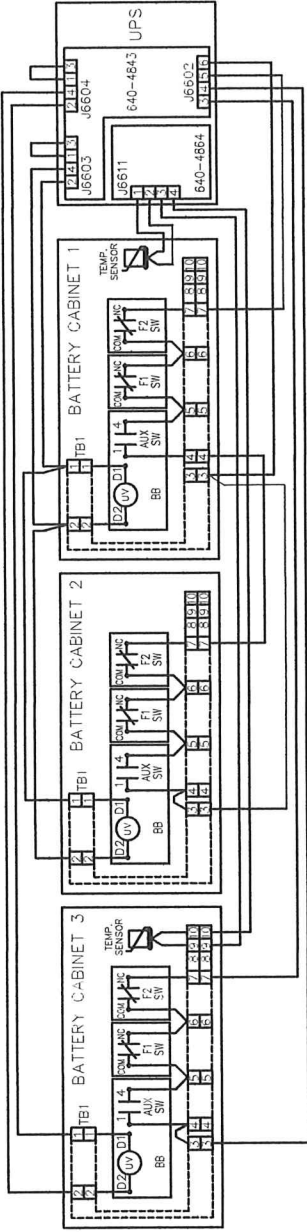
CONTROL WIRING CONFIGURATION FOR TWO BATTERY CABINETS

BATTERY CABINET 2	UPS	
	TO UPS	
TB1-3 & TB1-4 JUMPER=ON	TB1-7	J6602-3
	TB1-3	J6602-4
	-	J6602-5
	TB1-1	J6602-6
	TB1-2	J6603-2
	-	J6603-4
TEMP SENSOR	-	J6604-2
	-	J6604-4
	-	J6611-1
	-	J6611-2
OPTIONAL TEMP SENSOR	-	J6611-3
	-	J6611-4
	-	J6611-5



CONTROL WIRING CONFIGURATION FOR THREE BATTERY CABINETS

BATTERY CABINET 3	UPS	
	TO UPS	
TB1-3 & TB1-4 JUMPER=ON	TB1-7	J6602-3
	TB1-3	J6602-4
	-	J6602-5
	TB1-1	J6602-6
	TB1-2	J6603-2
	-	J6603-4
TEMP SENSOR	-	J6604-2
	-	J6604-4
	-	J6611-1
	-	J6611-2
OPTIONAL TEMP SENSOR	-	J6611-3
	-	J6611-4
	-	J6611-5



- NOTES:
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  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

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TITLE: GALAXY VS. BATTERY CABINET W/ TYPE-6ST/7ST 40 BATTERIES  
Input: 480Vdc, 3ph, 60Hz  
Output: 480Vdc, 3ph, 60Hz  
CONTROL CABLING DETAILS-1

DWG NO: GVSCBT6ST-7ST

REV. 0

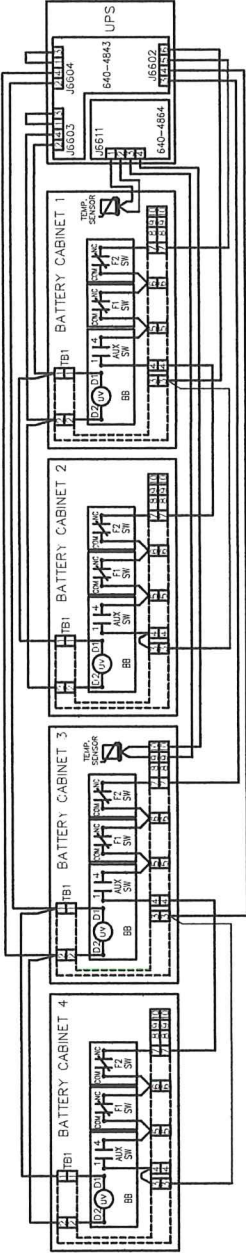
THIRD ANGLE PROJECTION

DRAWN BY: K.NAGENDRA  
ENGINEER: PRASANNA T  
APPROVED BY: PRASANNA T  
05-AUG-19  
05-NOV-19  
05-NOV-19



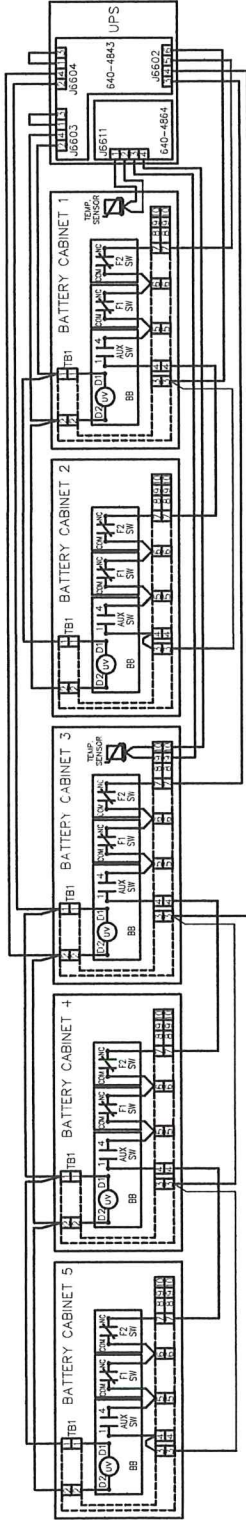
CONTROL WIRING CONFIGURATION FOR FOUR BATTERY CABINETS

BATTERY CABINET 4 TO BATTERY CABINET 3	BATTERY CABINET 3 TO UPS	BATTERY CABINET 2 TO BATTERY CABINET 1	BATTERY CABINET 1 TO UPS	UPS
—	TB1-7	—	—	J6602-3
TB1-3	TB1-3	—	—	J6602-4
—	—	—	—	TB1-7
—	—	—	—	J6602-5
—	—	—	—	TB1-3
—	—	—	—	J6602-6
—	—	—	—	TB1-1
—	—	—	—	J6603-2
—	—	—	—	JUMPER ON
—	—	—	—	J6603-4
—	—	—	—	J6603-1&3
—	—	—	—	J6604-2
—	—	—	—	J6604-1&3
—	—	—	—	J6604-4
—	—	—	—	J6611-1
—	—	—	—	TEMP SENSOR
—	—	—	—	J6611-2
—	—	—	—	TEMP SENSOR
—	—	—	—	J6611-3
—	—	—	—	J6611-4
—	—	—	—	TB1-4
—	—	—	—	—
—	—	—	—	—



CONTROL WIRING CONFIGURATION FOR FIVE BATTERY CABINETS

BATTERY CABINET 5 TO BATTERY CABINET 4	BATTERY CABINET 4 TO UPS	BATTERY CABINET 3 TO UPS	BATTERY CABINET 2 TO BATTERY CABINET 1	BATTERY CABINET 1 TO UPS
—	TB1-7	—	—	J6602-3
TB1-3	TB1-3	—	—	J6602-4
—	—	—	—	TB1-7
—	—	—	—	J6602-5
—	—	—	—	TB1-3
—	—	—	—	J6602-6
—	—	—	—	TB1-1
—	—	—	—	J6603-2
—	—	—	—	JUMPER ON
—	—	—	—	J6603-4
—	—	—	—	J6603-1&3
—	—	—	—	J6604-2
—	—	—	—	J6604-1&3
—	—	—	—	J6604-4
—	—	—	—	J6611-1
—	—	—	—	TEMP SENSOR
—	—	—	—	J6611-2
—	—	—	—	TEMP SENSOR
—	—	—	—	J6611-3
—	—	—	—	J6611-4
—	—	—	—	TB1-4
—	—	—	—	—
—	—	—	—	—



- NOTES:
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
  2. REFER TO PRODUCT DOCUMENTATION FOR ADDITIONAL DETAILS PRIOR TO INSTALLATION AND SITE PREPARATION WORK.

**Schneider Electric**

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**REV. 0**

**DWG NO: GVSCBT6ST-7ST**

**TITLE:** GALAXY VS. BATTERY CABINET UL TYPE-6ST/7ST 40 BATTERIES

**INPUT:** 480VAC, 3PH, 50HZ

**OUTPUT:** 480VAC, 3PH, 50HZ

**CONTROL CABLES:** DETAILS-2

**PROJECT:** DRAWINGS

**SHEET:** 13 OF 13

**APPROVED BY:** PRASANNAT

**ENGINEER:** PRASANNAT

**DRAWN BY:** K.NAGENDRA

**DATE:** 13-AUG-19

**ANGLE:** 05-NOV-19

**PROJECTION:** 05-NOV-19



Classic Battery Cabinets												
3CBT6ST			1 x GVSCBT7ST			2 x GVSCBT6ST			2 x GVSCBT7ST			
7mm Wide			44" / 1127mm Wide			2 x 44" / 1127mm Wide			2 x 44" / 1127mm Wide			
Batteries			40 Batteries			40 Batteries			40 Batteries			
NA----			----NA----			Add GVSOPT028 Cable kit for the 2nd cabinet in a group			Add GVSOPT028 Cable kit for the 2nd cabinet in a group			
0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 1	PF 0.8	PF 0.9	PF 0.8	PF 0.9	PF 1
18.0	104.0				309.0	270.0	240.0					
2.0	63.0				193.0	168.0	148.0					
0.0	43.0				137.0	119.0	104.0					
7.0	32.0				104.0	90.0	79.0					
9.0	25.0				83.0	72.0	63.0					
0.0	17.0				58.0	50.0	43.0					
4.0	12.0				43.0	37.0	32.0					
N/A			N/A			N/A			N/A			
		13.0	11.0	9.3						34.0	29.5	25.5
		9.0	7.5	6.4						25.5	21.5	18.5
70.0	240.0				667.0	583.0	523.0					
37.0	149.0				428.0	374.0	334.0					
18.0	104.0				309.0	270.0	240.0					
0.0	79.0				240.0	209.0	184.0					
2.0	63.0				193.0	168.0	148.0					
0.0	43.0				137.0	119.0	104.0					
7.0	32.0				104.0	90.0	79.0					
N/A			N/A			N/A			N/A			
		34.0	29.0	25.5						83.0	71.5	56.0
		25.5	21.5	18.5						63.0	54.0	47.0

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TITLE: GALAXY VS. BATTERY CABINET UI TYPE-6ST/7ST 40 BATTERIES  
 Input: 480Vdc, 3PH, 50Hz  
 Output: 480Vdc, 3PH, 50Hz  
 RUNTIME DATA-1 & SPECIFICATION

PROJECT: DRAWINGS | SHEET 5 OF 13

DWG NO: GVSCBT6ST-7ST

REV. 1

DRAWN BY: K NAGENDRA  
 ENGINEER: PRASANNA  
 APPROVED BY: PRASANNA

26-MAR-20  
 26-MAR-20  
 26-MAR-20

THIRD ANGLE PROJECTION





Pre-Award Supplier/Vendor Compliance Checklist	
Supplier/Vendor Name:	DCIM Solutions dba/ Critical Environments Group LLC
Fictitious Name:	
FEIN:	592866646
Contract/Bid/Pool No.:	AV-67323-22-JM Central Blvd. Signage Replacement
Is Supplier/Vendor Registration Application Current?	
<b>NOTE:</b> If vendor is a <b>Bidder</b> , reach out to VOSS to assist with vendor conversion to <b>Supplier</b> .	<b>Suppliers</b>
	<b>Navigation:</b> Finance/Supply Chain (FSCM > Supplier Administration > Maintain Supplier > Maintain Supplier
Confirm Supplier/Vendor Registration Status	SUPPLIER SUMMARY: <b>-STATUS</b> <b>-OPEN FOR ORDERING</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Confirm Supplier/Vendor DBA Status <i>(if applicable)</i>	Address Tab: <b>-Payment/Withholding Alt Names</b> <b>-Payment Alternate Name (expand)</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Confirm Supplier/Vendor Mail Code Status	Address/Contact Tabs: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Does Supplier/Vendor Appear on the Following:	
<a href="#">SBD Certified Firms</a>	Identifying Information Tab: <i>(Interface from B2G)</i> <b>-Additional Reporting Elements</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Debarred Contractors</a>	Identifying Information Tab: <b>-Government Classification</b> <b>-Government Sources</b> <b>-Certification Source (DEBARRED)</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Non Performance History</a>	Identifying Information Tab: <b>-Government Classification</b> <b>-Government Sources</b> <b>-Certification Source (TBD)</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Delinquent Contractor Report</a> <i>(not a link)</i>	<b>Navigation:</b> Menu (Top Right Corner)>Navigator>Finance/Supply Chain (FSCM)>Miami-Dade County>Account Receivable> Extensions>Delinquent Contractor RepFinal <i>(not a link)</i> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
	Affidavits Tab:



<a href="#">Completed Affidavits</a>	Affidavits Tab: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	
<b>NOTE: Print Screen of all Affidavits (1-13) and include as part of Compliance Package.</b>		
<a href="#">Local Business and Property Taxes</a>	Identifying Information Tab: <b>-Government Classification</b> <b>-Government Sources</b> <b>Certification Source (LBT)</b> <b>NOTE: Partial information, INFOFMS doesn't provide status (arrests) nor Property Taxes</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<b>NOTE: Pursuant to Section 2-8.1(c), any property or business taxes due to the County must be paid, as a condition of contract award/pool inclusion. Print Screen of taxes due and inform Supplier/Vendor. Advise Manager, who will consult with CPO for determination of Supplier/Vendor responsibility. Supplier/Vendor affirming Local or Locally Headquartered Preference must have LBT or provide exemption.</b>		
<a href="#">State of Florida Corporations (Sun Biz)</a>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	
<a href="#">Compliance Report and/or Workforce Violations (SBD)</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Florida Convicted Vendor List</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Suspended Contractors</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Florida Suspended Contractors</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Scrutinized Companies - 287.135.FS</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Scrutinized Companies that Boycott Israel - 215.4725.FS</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">System for Award Management (SAM)</a>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	
<a href="#">Google Search</a>	Yes <input type="checkbox"/> No <input type="checkbox"/> Comments: N/A	
<b>NOTE: Only Supplier/Vendors being considered for award or establishment of Pool requiring BCC</b>		
<a href="#">Department of Justice</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Local Certified Veteran Business Enterprise</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<a href="#">Find E-Verify Participant Employers</a>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:	
<a href="#">OSHA Enforcement Inspections</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:	
<b>NOTE: Applicable to Construction Contracts, Master Developer and Design-Build Agreements.</b>		
<b>Prepared By:</b> Juliana Manjarres	<b>Date:</b> 8.19.2022	





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

## INFORMS

Supplier Administration

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom

SetID MDC  
Supplier ID 0000006247  
Supplier Short Name DCIM SOLUT DCIM SOLUT-001  
Supplier Name DCIM SOLUTIONS LLC  
Order DCIM SOLUT-001  
104 MAPLE LEAF CT.  
GLASSBORO, NJ 33432  
Remit To DCIM SOLUT-001  
PO BOX 28199  
NEW YORK, NY 10087-8199  
Status Approved Approval History  
Persistence Regular  
Classification Outside Party  
HCM Class  
Open for Ordering Yes  
Withholding Yes  
VAT No  
Last Modified By E34783  
Last modified date 09/22/2021 10:26AM  
Created By DANIELS  
Created Date/time 05/07/2018 12:00AM  
Last Activity Date 07/20/2022

Save Return to Search Notify Add Update/Display Include History

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom

Supplier Administration

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom

SetID MDC  
Supplier ID 0000006247  
Short Supplier Name DCIM SOLUT-001  
Supplier DCIM SOLUTIONS LLC

Supplier Address Search

Supplier Address

Address ID 1  
Description 01 PURCHASE ORDER ADDRESS

Details

Effective Date 01/01/1901 Effective Status Active

Country USA United States  
Address 1 104 MAPLE LEAF CT.  
Address 2  
Address 3:  
City GLASSBORO  
County  
State NJ New Jersey  
Postal 33432  
Email ID KFREITAG@CRITICALEG.COM

Payment/Withholding Alt Names

Phone Information

Type	Location	Prefix	Telephone	Extension
Business Phone				

Save Return to Search Notify Add Update/Display Include History

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom





# Vendor Compliance Contract No. AV-67323-22-JM DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

## SBD Certified Firms

Supplier | Miami-Dade County | Business | <https://mdcsbd.gob2g.com/FrontEnd/SearchCertifiedDirectory.asp?XID=9608&TN=mdcsbd>

Show directory information and regulations

**Search Parameters** [Edit Parameters](#) [Clear Parameters](#)

CERTIFICATIONS: Airport Concessionaire Disadvantaged Business Enterprise (ACDBE), Disadvantaged Business Enterprise (DBE), Local Developing Business (LDB), Small Business Enterprise - Architectural & Engineering (SBE-A&E), Small Business Enterprise - Construction (SBE-Con), Small Business Enterprise - Goods & Services (SBE-G&S)

BUSINESS NAME/DBA: DCIM

**Search Results** 0 firms with 0 certifications found

Your search parameters did not return any matches. Click [Edit Parameters](#), modify the information in the fields above and click [Search Again](#).

## Debarred Contractors

Supplier | Miami-Dade County | Business | Business Development Reports | contractor-debarment.pdf

<https://www.miamidade.gov/smallbusiness/library/reports/contractor-debarment.pdf>

of 3

Page view | Read aloud | Add text | Draw DCM 0/0

Debarred Contractors List (Last update: 7/01/2022)						
Debarred Entity and/or Individuals (abc order)	Address	Initiating Dept. and Contact Person	Cause of Debarment	Effect of Debarment	Length of Debarment	Contractor's Certificate of Competency or License Number; or Qualifier, when applicable
Aaron Construction Group, Inc.	10020 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	9/12/19 - 9/12/29	n/a
Bingo Alejandro Estepa Yanguas (Individual, former officer of Aaron Construction Group, Inc.)	10020 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County indefinitely.	9/12/19 - Indefinite	n/a
Berter Estepa (Individual, former officer of Aaron Construction Group, Inc.)	10020 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County indefinitely.	9/12/19 - Indefinite	n/a
Association of Community Organizations for Reform Now (ACORN)	2409 Canal St, 4th floor New Orleans, LA 70119	U.S. Congress (Office of Management & Budget, 200-395-3080)	Section 563 of the Continuing Appropriation Resolution, 2010, Division B of Public Law 111-58	Excluded from Contracting w/ Miami-Dade County indefinitely.	10/07/2009 - Indefinite	n/a
Biscayne Housing Group, LLC	25 Se 2nd Ave, Miami, FL 33131-1508	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	1/5/2021 - 1/5/2031	n/a
Michael Cox (Individual, former partner of Biscayne Housing Group, LLC)	828 NW 9th Ave Miami, FL 33136	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	1/5/2021 - 1/5/2031	n/a
Geneshi DeRamus (Individual, former partner of Biscayne Housing Group, LLC)	45 Alvarado Ave STE 45 Coral Gables, FL 33134	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a five (5) year period.	04/30/2019-04/30/2023	n/a
BBK Construction Services, Inc.	970 W McNeil Rd # 210, Fort Lauderdale, FL 33309	Internal Services Department (ISD Director, 305-375-1135)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	7/8/2021 - 7/8/2031	n/a
Michael Ruypan (Individual, owner of BBK Construction Services, Inc.)	4411 Ne 30 Ave, Lighthouse Point, FL 33064	Internal Services Department (ISD Director, 305-375-1135)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	7/8/2021 - 7/8/2031	n/a
Cardile Development Group	2950 SW 27th Avenue 200 Miami, FL 33133	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	1/5/2021 - 1/5/2031	n/a
Lloyd Baggio (Individual, former partner of Cardile Development Group)	3314 Devon Ct, Miami, FL 33133	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	1/5/2021 - 1/5/2031	n/a
Matthew Green (Individual, former partner of Cardile Development Group)	240 Art Way Miami Beach, FL 33141	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	1/5/2021 - 1/5/2031	n/a

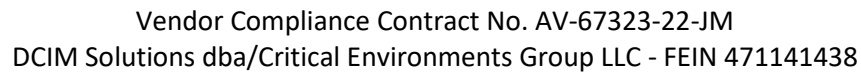
Model entities are illustrative. The report is developed by Small Business Development (SBD), a division of the Internal Services Department. For any questions, please contact SBD at (305) 375-1131.

1

Debarred Contractors List (Last update: 7/01/2022)						
Debarred Entity and/or Individuals (abc order)	Address	Initiating Dept. and Contact Person	Cause of Debarment	Effect of Debarment	Length of Debarment	Contractor's Certificate of Competency or License Number; or Qualifier, when applicable
Design Management and Builders Corporation	5514 NW 72ND AVE, Miami, Florida, 33166	Public Housing and Community Development Department (PHCD Director, (786) 605-1100)	Violation of Section 10-30	Excluded from Contracting w/ Miami-Dade County for a ten (10) year period.	9/12/2021-9/12/2031	n/a

11:52 AM 8/19/2022





Supplier | Miami-Dade County | Business | Miami-Dade County - Procurement | Registered Vendor Details New.aspx?Fein=471141438&Suffix=01&VendorNumber=58925

## miamidade.gov

BID Tracking System (Juliana Manjarres online)

[Application](#) > [Contracts](#) > [Vendors](#) > [Queries](#) > [Reports](#) > [Others](#) > [Contact Us Log Off](#)

Registered Vendor - Vendor Non-Performance and Violation History

**Business Information**

Business Name:

Doing Business As:

FEIN:  Suffix:

**Violation History**

#	Violation Name	Violation Date	Officer	Department	Status	Del Edit
Name	Date (mm/dd/yyyy)	Code Enforcement Officer	Department			
Status	Comments					
<input checked="" type="radio"/> Open <input type="radio"/> Cure						
<input type="button" value="Save"/> <input type="button" value="Clear"/>						

**Non-Performance History Status**

☐ Vendor Non-Performance History [VPFH web site](#)

☐ Vendor is in arrears with Miami-Dade County

**Non-Performance History List**

Bid #	Non-Performance (mm/dd/yyyy)	Prov.	Termination (mm/dd/yyyy)	Comments
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Save"/> <input type="button" value="Clear"/>				

**Comments**

**Miami-Dade County**

## Delinquent Contractor RegFinal

[New Window](#) | [Help](#) | [Personalize Page](#)

---

**Delinquent Contractor RegFinal**

Business Unit  Company Name  Contact Person  FEIN  Search

No matching values were found.

Business Unit	Company Name	Principal Name	Company Address	Company FEIN	Item ID	Original Amount	Current Balance	Dept. User Name	Dept. Email	Dept. Phone Number	As Of Date
1											





# Vendor Compliance Contract No. AV-67323-22-JM

## DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Delinquent Contractor RegFinal

Supplier Administration

Delinquent Contractor RegFinal

Business Unit  Company Name  Contact Person  FEIN

Company Name

CRITICAL THINKING, LLC

Business Unit	Company Name	Principal Name	Company Address	Company FEIN	Item ID	Original Amount	Current Balance	Dept. User Name	Dept. Email	Dept. Phone Number	As Of Date
1											

Notify

## INFORMS Affidavits

Supplier

Supplier Administration

Finance / Supply Chain (F SCM)

Summary Identifying Information Address Contacts Location Affidavits Additional Information Custom

Affidavit

SetID MDC

Supplier ID 0000006247 Short Supplier Name DCIM SOLUT-001 Supplier DCIM SOLUTIONS LLC

**1. MIAMI-DADE COUNTY OWNERSHIP DISCLOSURE AFFIDAVIT**  
(Sec. 2-8.1 of the Miami-Dade County Code)

Firms registered to do business with Miami-Dade County, shall require the person contracting or transacting such business with the County to disclose under oath his or her full legal name, and business address. Such contract or transaction shall also require the disclosure under oath of the full legal name and business address of all individuals having any interest (legal, equitable, beneficial or otherwise) in the contract other than subcontractors, material men, suppliers, laborers or lenders. Post office box addresses shall not be accepted hereunder. If the contract or business transaction is with a corporation the foregoing information shall be provided for each officer and director and each stockholder holding, directly or indirectly, five (5) percent or more of the outstanding stock in the corporation. If the contract or business transaction is with a partnership, the foregoing information shall be provided for each partner. If the contract or business transaction is with a trust, the foregoing information shall be provided for the trustee and each beneficiary of the trust. The foregoing disclosure requirements shall not apply to contracts with publicly-traded corporations, or to contracts with the United States or any department or agency thereof, the State or any political subdivision or agency thereof, or any municipality of self-State.

**If no officer, director or stockholder owns (5%) or more of stock, you may leave that section empty.**

Select Principals or Owners or Other Corporation to enter details.

Principals Owners Other Corporations

+Add new Principal

Full Legal Name	Title	Address	Edit
1 Ernest Cunningham	President	104 Maple Leaf Ct. Glassboro NJ, 08028	<input type="button" value="Edit"/>

**2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE AFFIDAVIT**  
(County Ordinance no. 90-133, amending Section 2-8-1(d)(2) of the Miami-Dade County Code)

The following information is for compliance with all items in the aforementioned Section:

1. Does your firm have a collective bargaining agreement with its employees?

☐ Yes ☒ No

2. Does your firm provide paid health benefits for its employees?

☒ Yes ☐ No





# Vendor Compliance Contract No. AV-67323-22-JM

## DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Supplier

Miami-Dade County | Business | +

https://efsprd.miamidade.gov/psc/EF592PRD/EMPLOYEE/ERP/c/NUL\_FRAMEWORK\_PT\_AGSTARTPAGE\_NULGBL?CONTEXTIDPARAMS=TEMPLATE\_ID%3aPTPPNAV/COL&scname=EP\_SUPPLIER\_ADMINISTRATION&PanelCollapsible=Y&PTP...

MIAMI-DADE COUNTY

informatics

Finance / Supply Chain (FSCM)

Supplier Administration

Home Search Chat Menu

3. Provide a current breakdown (number of persons) in your firm's work force indicating race, national origin and gender.

	Number of Employees	
	Males	Females
White Employee	8	4
Black Employee		
Hispanic Employee	1	
Asian Pacific Employee		
Native American Employee		
Other Employee		
Total Employee	9	4

3. MIAMI-DADE COUNTY EMPLOYMENT DRUG-FREE WORKPLACE CERTIFICATION

(Section 2-8.1.2(b) of the Miami-Dade County Code)

All persons and entities that contract with Miami-Dade County are required to certify that they will maintain a drug-free workplace and such persons and entities are required to provide notice to employees and to impose sanctions for drug violations occurring in the workplace.

In compliance with Ordinance No. 92-15 of the Code of Miami-Dade County, the above-named firm is providing a drug-free workplace. A written statement to each employee shall inform the employee about:

I

1. Danger of drug abuse in the workplace.

2. The firm's policy of maintaining a drug-free environment at all workplaces.

3. Availability of drug counseling, rehabilitation and employee assistance programs.

4. Penalties that may be imposed upon employees for drug abuse violations.

The firm shall also require an employee to sign a statement, as a condition of employment that the employee will abide by the terms of the drug-free workplace policy and notify the employer of any criminal drug conviction occurring no later than five (5) days after receiving notice of such conviction and impose appropriate personnel action against the employee up to and including termination. Firms may also comply with the County's Drug-free Workplace Certification where a person or entity is required to have a drug-free workplace policy by another local, state or federal agency, or maintains such a policy of its own accord and such policy meet's the intent of the ordinance.

☒ I, confirm to Affidavit-3

4. MIAMI-DADE COUNTY DISABILITY AND NON-DISCRIMINATION AFFIDAVIT

(Resolution R-182-00 amending Resolution R-385-95)

(Section 2-8.1.5 of the Miami-Dade County Code)

Firms transacting business with Miami-Dade County shall provide an affirmation indication compliance with all requirements of the Americans with Disabilities Act (A D A )

I

☒ I, state that this firm, is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor shall comply with all applicable requirements of the laws including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (A D A ), Pub. L. 101-336, 104 Stat 327, 42 U.S.C Sections 225 and 611 including Titles I, II, III, IV and V.

The Rehabilitation Act of 1973, 29 U.S.C Section 794.

The Federal Transit Act, as amended, 49 U.S.C. Section 1612.

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631.

☒ I, hereby affirm that I am in compliance with the below sections:

Section 2-8.1.5 of the Code of Miami-Dade County, which requires that firms that have annual gross revenues in excess of five (5) million dollars have an affirmative action plan and procurement policy. Firms that have a Board of Directors that are representative of the population make-up of the nation may be exempt.

5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE AFFIDAVIT

(Section 10.38 of the Miami-Dade County Code)

Firms wishing to do business with Miami-Dade County must certify that its contractors, subcontractors, officers, principals, stockholders, or affiliates are not debarred by the County before submitting a bid.

II

☒ I, confirm that none of this firms agents, officers, principals, stockholders, subcontractors or their affiliates are debarred by Miami-Dade County.

6. MIAMI-DADE COUNTY VENDOR OBLIGATION TO COUNTY AFFIDAVIT

(Section 2-8.1 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that all delinquent and currently due fees, taxes and parking tickets have been paid and no individual or entity in arrears under a contract, promissory note or document with the County shall be allowed to receive any new business.

☒ I, confirm that all delinquent and current due fees or taxes including, but not limited to, real and personal property taxes, convention and tourist development taxes, utility taxes, and Local Business Tax Receipt collected in the normal course by the Miami-Dade County Tax Collector and County issued parking tickets for vehicles registered in the name of the above firm, have been paid.

7. MIAMI-DADE COUNTY CODE OF BUSINESS ETHICS AFFIDAVIT

(Article 1, Section 2-8.1(i) of the Code of Miami-Dade County)

A firm seeking to transact business with Miami-Dade County must certify that it has adopted a Code of Business Ethics (Code) which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County. The Code shall apply to all business that firm/contractor transacts with the County and shall, at a minimum, require the firm/contractor to comply with all applicable governmental rules and regulations.





# Vendor Compliance Contract No. AV-67323-22-JM

## DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Supplier

Miami-Dade County | Business |

+

https://efspdm.miamidade.gov/pssc/EF592PRD/EMPLOYEE/ERP/c/NUL\_FRAMEWORK\_PT\_AGSTARTPAGE\_NULGBLCONTEXTIDPARAMS=TEMPLATE\_ID%3aPTPNNAVCOL&cname=EP\_SUPPLIER\_ADMINISTRATION&PanelCollapsible=Y&PTP...

MIAMI-DADE COUNTY

informs

Finance / Supply Chain (FSCM)

Supplier Administration

☐

I **certify** that this firm has adopted a Code which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County, and that such Code shall apply to all business that this firm/contractor transacts with the County and shall, at a minimum, require this firm/contractor to comply with all applicable governmental rules and regulations.

**8. MIAMI-DADE COUNTY FAMILY LEAVE AFFIDAVIT**  
(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.

Firms with less than the number of employees indicated above are exempt from this requirement.

☐

I, **confirm** that if applicable, this firm complies with Article V of Chapter 11 of the County Code, which requires that firms contracting business with Miami-Dade County which have more than fifty (50) employees each working day during each of twenty (20) or more work weeks un the current or preceding calendar year are required to certify that they provide family leave to their employees.

**9. MIAMI-DADE COUNTY LIVING WAGE AFFIDAVIT**  
(Section 2-8.9 of the Miami-Dade County Code)

All applicable contractors/employers entering into a contract with the County shall agree to pay the prevailing living wage required by this section of the County Code.

☐

I, **confirm** that if applicable, this firm complies with Section 2-8.9 of the County Code, which requires that all applicable contractors/employers entering into a contract with Miami-Dade County shall pay the prevailing living wage required by the section of the County Code.

**10. MIAMI-DADE COUNTY DOMESTIC LEAVE AND REPORTING AFFIDAVIT**  
(Article 8, Section 11A-60 – 11A-67 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that it is in compliance with the Domestic Leave Ordinance.

☐

I, **confirm** that if applicable, this firm complies with the Domestic Leave Ordinance. This ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during the current or preceding calendar year.

**11. MIAMI-DADE COUNTY E-VERIFY AFFIDAVIT**  
Obligation for State Funded Contracts

Executive Order 11-116, which supersedes Executive Order 11-02, directs all agencies under the direction of the Governor to verify the employment eligibility of all new agency employees through the U.S. Department of Homeland Security's E-Verify system. Further, agencies are directed to include as a condition of all contracts for the provision of goods or services to the state in excess of nominal value, an express requirement that contractors utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the contractor during the contract term, and an express requirement that contractors include in such subcontracts the requirement that subcontractors performing work or providing services pursuant to the state contract utilize the E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

In accordance with Executive Order 11-116, Miami-Dade County requires all vendors doing business with the County who are awarded state-funded contracts to verify employee eligibility using the E-Verify system. It is the responsibility of the awarded vendor to insure compliance with E-verify requirements (as applicable). To enroll in E-Verify, employers should visit the E-Verify website (<http://www.uscis.gov/e-verify>) and follow the instructions. The employer must, as usual, retain the I-9 Forms for inspection.

☐

I, **confirm** to E-Verify Affidavit

**12. MIAMI-DADE COUNTY PAY PARITY AFFIDAVIT**  
(Resolution R-1072-17)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

☐

I, **hereby affirm** that this firm pledges to pay men and women equal wages for equal work, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements of

☐

1. The Equal Pay Act of 1963, as amended (29 U.S.C. 206(d));

☐

2. Section 448.07 of the Florida Statutes;

☐

3. Chapter 11A of the Code of Miami-Dade County (§ 11A-1 et. seq.);

☐

4. Chapter 22 of the Code of Miami-Dade County (§ 22-1 et seq.);

☐

5. Chapter 8A, Article XIX, of the Code of Miami-Dade County (§ 8A-400 et seq.); and

☐

6. Any other laws prohibiting wage rate discrimination based on sex.

**13. MIAMI-DADE COUNTY SUSPECTED WORKERS' COMPENSATION FRAUD AFFIDAVIT**  
(Resolution No. R-919-18)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

☐

I, **hereby affirm** that this firm pledges to provide written notice and disclosures to all workers, on how to report any suspected workers' compensation fraud to the State of Florida Bureau of Workers' Compensation Fraud, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements.

**AFFIRMATION**

I, being duly sworn, do attest under penalty of perjury that the entity is in compliance with all requirements outlined in these Miami-Dade County Vendor Affidavits.

I agree, and it is my intent, to sign this record/document by pressing the "I Affirm" button and by electronically submitting this record/document to Miami-Dade County. I understand that my signing and submitting this record/document in this fashion is the legal equivalent of having placed my handwritten signature on the submitted record/document and this affirmation. I understand and agree that by electronically signing and submitting this record/document in this fashion I am affirming to the truth of the information contained therein.

I also attest that I will comply with and keep current all statements sworn to in the above affidavits and registration application. I will notify the Miami-Dade County, Vendor Services Section immediately if any of the statements attested here to are no longer valid.

Person Name: Katherine Freitag

Title: Service Sales Specialist

Date: 05/02/2018

I Affirm

Save

Return to Search

Notify

Add

Update/Display

Include History

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom

11:24 AM  
6/16/2022





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

## Local Business and Property Taxes

The screenshot shows the Miami-Dade County Business Tax Search interface. The search bar contains the text "DCIM". Below the search bar, the results section displays a message from BTExpress™ stating "No accounts matched your search." and provides a list of tips for improving search results. The tips include: making sure names and streets are spelled correctly, leaving off words like drive, road, avenue, etc., trying other owners' names, watching out for multiple spellings, and removing special characters. The page also includes a navigation menu with links to Vehicle Registration, Property Tax, Business Tax, and Tourist Tax, and a footer with copyright information for Grant Street Group.

Supplier | Miami-Dade County | Business | Miami-Dade County | Procurement | Business Tax Search - TaxSys - M | +

https://miamidade.county-taxes.com/public/search/business\_tax/search\_query=DCIM

Search all services we offer...

MIAMI-DADE COUNTY

Vehicle Registration | Property Tax | Business Tax | Tourist Tax

**Business Tax Search**

DCIM

Search

**BTExpress™**  
Apply for your Business Tax account.  
No accounts matched your search. Try using different or fewer search terms. The following tips may also help:

- Make sure you spell names, streets, etc., correctly.
- Try leaving off words like drive, road, avenue, etc., that are often abbreviated. For example, search for "123 Main" instead of "123 Main Street."
- Try other owners' names; some properties are in one spouse's name, and some are in both names.
- Watch out for terms that have multiple spellings, like First Street and 1st St.
- If you used quotation marks, try again without them: "John Smith" won't find properties owned by "Smith, John," but simply typing John Smith will find both.
- Remove special characters, such as () \ " ^

[Help](#) [Terms of Service](#) [Reports](#) [Contact Us](#) [Tax Collector Home](#) [Debit Filter Notice](#)

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The screenshot shows the Miami-Dade County Business Tax Search interface. The search bar contains the text "Critical+Environments". Below the search bar, the results section displays a message from BTExpress™ stating "No accounts matched your search." and provides a list of tips for improving search results. The tips include: making sure names and streets are spelled correctly, leaving off words like drive, road, avenue, etc., trying other owners' names, watching out for multiple spellings, and removing special characters. The page also includes a navigation menu with links to Vehicle Registration, Property Tax, Business Tax, and Tourist Tax, and a footer with copyright information for Grant Street Group.

Supplier | Miami-Dade County | Business | Miami-Dade County | Procurement | Business Tax Search - TaxSys - M | +

https://miamidade.county-taxes.com/public/search/business\_tax/search\_query=Critical+Environments

Search all services we offer...

MIAMI-DADE COUNTY

Vehicle Registration | Property Tax | Business Tax | Tourist Tax

**Business Tax Search**

Critical+Environments

Search

**BTExpress™**  
Apply for your Business Tax account.  
No accounts matched your search. Try using different or fewer search terms. The following tips may also help:

- Make sure you spell names, streets, etc., correctly.
- Try leaving off words like drive, road, avenue, etc., that are often abbreviated. For example, search for "123 Main" instead of "123 Main Street."
- Try other owners' names; some properties are in one spouse's name, and some are in both names.
- Watch out for terms that have multiple spellings, like First Street and 1st St.
- If you used quotation marks, try again without them: "John Smith" won't find properties owned by "Smith, John," but simply typing John Smith will find both.
- Remove special characters, such as () \ " ^

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Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

## Sun Biz

Supplier | Miami-Dade County | Business | Miami-Dade County, Procurement | Detail by Entity Name

https://search.sunbiz.org/Inquiry/CorporationSearch/SearchResultDetail?InquiryType=EntityName&directionType=Initial&searchNameOrder=DCIMSOLUTIONS%20,17000068938&aggregateId=fal-117000068938-a7d7a2a-5740-4d20...

**Sunbiz.org** DIVISION of CORPORATIONS  
an official State of Florida website

Department of State / Division of Corporations / Search Records / Search by Entity Name

Previous On List | Next On List | Return to List

DCIM solutions

Events | No Name History

**Detail by Entity Name**

Florida Limited Liability Company  
DCIM SOLUTIONS LLC

**Filing Information**

Document Number	L17000068938
FEI/EIN Number	47-1141438
Date Filed	03/27/2017
Effective Date	04/01/2017
State	FL
Status	ACTIVE
Last Event	LC STMT OF RAIR CHG
Event Date Filed	12/19/2018
Event Effective Date	NONE

**Principal Address**

104 MAPLE LEAF COURT  
GLASSBORO, NJ 08028

**Mailing Address**

104 MAPLE LEAF COURT  
GLASSBORO, NJ 08028

**Registered Agent Name & Address**

CAPITOL CORPORATE SERVICES, INC.  
515 E PARK AVE 2ND FL  
TALLAHASSEE, FL 32301

Name Changed: 12/19/2018  
Address Changed: 12/19/2018

**Authorized Person(s) Detail**

**Name & Address**

Title MGR

11:56 AM  
8/19/2022

## Compliance Report and/or Workforce Violations

Supplier | Miami-Dade County | Business | Miami-Dade County, Procurement | Violations Web

https://cognoswww.miamidade.gov/mdc/bi/?perspective=authoring&id=IA1C4C29FF77484CA8DAB582343DA742

**Compliance Report of Open and Closed Small Business, Wage and/or Workforce Violations in the last three (3) years**

ISD - Small Business Development  
111 NW 1st Street 18th Floor  
Miami, FL 33128  
305-375-3111

Select Firm Name:

FIRM\_NAME

DACA ENVIRONMENTAL, INC.  
DADE ELECTRIC SERVICE, INC.  
DAN MURRAY PAINTING, INC.  
DANZ CONTRACTING, LLC  
DASH DOOR AND CLOSURE SERVICE, INC.  
DATO ELECTRIC, INC.  
DAVID ALLEN COMPANY  
DAVID MANCINI & SONS, INC.  
DECON ENVIRONMENTAL & ENGINEERING, INC.  
DELKA INNOVO GROUP, INC.  
DELTA-TIVE SECURITY, LLC  
DESIGN REFRIGERATION AND AIR CONDITIONING COMPANY, INC.  
DETAILS CITY CONSTRUCTION, INC.  
DIKE LANDSCAPE, LLC  
DL RENOVATIONS CORP.  
DONCO, INC.  
DOUGLAS H. HIGGINS, INC.  
DRAGON RECREATION SERVICES, INC.  
DUCT DESIGN CORPORATION  
DYNALECTRIC COMPANY

Cancel | < Back | Next > | Finish


11:58 AM  
8/19/2022








## Florida Convicted Vendor List

← → ↺ 🏠 🔒 https://www.dms.myflorida.com/business\_operations/state\_purchasing/state\_agency\_resources/vendor\_registration\_and\_vendor\_list... A 📌 ⚙️ 👤



DMS.CUSTOMER.SATISFACTION.SURVEY | SITE.MAP | CONTACT.DMS | MYFLORIDAHOME



Business Operations | Workforce Operations | Agency Administration | Other Programs | About Us | Opportunities at DMS

Search 🔍

☐ Search Current Location Only

State Purchasing

State Contracts and Agreements

MyFloridaMarketPlace

Public Procurement

Professional Development

Office of Supplier Diversity

Approved Drone Manufacturers

State Agency Resources

Vendor Resources

Insurance Contracts

Florida Emergency Networks

Contact Us

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Convicted Vendor List

### Convicted Vendor List

The Department of Management Services maintains a "list of the names and addresses of those who have been disqualified from the public contracting and purchasing process" under [section 287.133, Florida Statutes](#).

*There are currently no vendors on this list.*


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8:26 AM 8/16/2022

## Suspended Contractors

Supplier x Miami-Dade County | Business | Miami-Dade County | Procurement | Violations Web | Miami-Dade County - Building | +

← → ↺ 🔒 egovsys.miamidade.gov:1608/wws/serv/ggovr/BNZAW955/DIA/INPUTNAME=CRITICAL



Home | Product Control | Contractors | Building Officials | Contact us | miamidade.gov

Error during processing.

Read error message below and click reset to go back to Selection Menu.

NAME NOT ON FILE

Reset

8000 Contractor Login and Contract Search | 8000 Home Care | State License Search Menu

Home | Public Site | About | Privacy Policy | Privacy | Disclaimer

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11:58 AM 8/16/2022



## Florida Suspended Contractors

Florida Department of Management Services

Business Operations Workforce Operations Agency Administration Other Programs About Us Opportunities at DMS

Search Search

Search Current Location Only

State Purchasing

State Contracts and Agreements

MyFloridaMarketPlace

Public Procurement

Professional Development

Office of Supplier Diversity

Approved Drone Manufacturers

State Agency Resources

Vendor Resources

Insurance Contracts

Florida Emergency Networks

Contact Us

State Purchasing Website Feedback

### Suspended Vendor List

The Department of Management Services maintains a list of vendors that have been removed from the Vendor List pursuant to [section 287.1351, Florida Statutes](#).

Vendor Name/Address	Agency of Origin	Effective Date	Notice of Default
Building Maintenance of America, LLC d/b/a Florida Building Maintenance 333 North Falkenburg Road #A117 Tampa, FL 33619	DMS	07/02/14	<a href="#">Notice of Default - Building Maintenance of America, LLC d/b/a Florida Building Maintenance</a> (757.81 KB)
Club Tex, Inc. 2025 Broadway, Suite #15G New York, NY 10023	DOC	01/24/19	<a href="#">Notice of Default - Club Tex, Inc.</a> (111.75 KB)
Correctional Consultants, LLC P.O. Box 515 Chattahoochee, FL 32324	DOC	12/10/19	<a href="#">Notice of Default - Correctional Consultants, LLC</a> (85.95 KB)
iColor Printing and Mailing, Inc. 22873 Lockness Avenue Torrance, CA 90501	DEP	02/20/12	<a href="#">Notice of Default - iColor Printing and Mailing, Inc.</a> (320.17 KB)
Visual Image Design Firm, LLC 6845 Narcoossee Road, Suite 59 Orlando, FL 32822	DOH	06/25/15	<a href="#">Notice of Default - Visual Image Design Firm, LLC</a> (1.78 MB)

Updated 12/10/19

## Scrutinized Companies – 287.135.FS

3 of 6

CNOOC Curtis Funding No.1 Pty Ltd	Iran	Australia	October 17, 2017	Yes
CNOOC Energy Technology & Services Ltd	Iran	China	June 15, 2021	Yes
CNOOC Finance Limited	Iran	China	September 24, 2013	Yes
CNOOC Nexen Finance	Iran	Canada	October 17, 2017	Yes
CNPC Capital Company Limited	Sudan & Iran	China	June 14, 2017	Yes
CNPC General Capital Ltd	Sudan & Iran	China	June 26, 2012	Yes
CNPC Global Capital Limited	Sudan & Iran	China	December 15, 2020	Yes
CNPC HK Overseas Capital Ltd	Sudan & Iran	China	June 16, 2011	Yes

June 22, 2022  
Page 3

Prohibited Investments (Scrutinized Companies)	Scrutinized Country	Country of Incorporation	Initial Appearance on Scrutinized List	Full Divestment
COSL Finance (BVI) Limited	Iran	China	September 24, 2013	Yes
COSL Singapore Capital Ltd	Iran	Singapore	December 4, 2018	Yes
Daqing Huake Group Co Ltd	Sudan	China	March 25, 2008	Yes
Egypt Kuwait Holding Co. SAE	Sudan	Kuwait	January 13, 2009	Yes
Energy House Holding Company	Sudan	Kuwait	July 28, 2009	Yes
Engen Botswana	Sudan & Iran	Botswana	March 24, 2015	Yes





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Scrutinized Companies that Boycott Israel – 215-4725-FS

Table 9: Scrutinized Companies that Boycott Israel  
*New companies on the list are shaded and in bold. (No companies added this quarter.)*

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Betsah Invest SA	Luxembourg	August 2, 2016
Betsah SA	Luxembourg	August 2, 2016
Cactus SA	Luxembourg	August 2, 2016
Co-operative Group Limited	United Kingdom	September 26, 2017
Guloguz Dis Deposu Ticaret Ve Pazarlama Ltd	Turkey	August 2, 2016
Unilever PLC (Ben & Jerry's parent company)	United Kingdom	July 29, 2021
Hindustan Unilever Ltd	India	July 29, 2021
PT Unilever Indonesia Tbk	Indonesia	July 29, 2021
Unilever Bangladesh Ltd	Bangladesh	July 29, 2021
Unilever Capital Corp (Unilever PLC bond issuance)	United States	July 29, 2021
Unilever Caribbean Ltd	Trinidad and Tobago	July 29, 2021
Unilever Consumer Care Ltd	Bangladesh	July 29, 2021
Unilever Côte d'Ivoire	Ivory Coast	July 29, 2021
Unilever Finance Netherlands BV (Unilever PLC bond issuance)	Netherlands	July 29, 2021
Unilever Ghana Ltd	Ghana	July 29, 2021

June 22, 2022  
Page 2

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Unilever Nigeria Plc	Nigeria	July 29, 2021
Unilever Pakistan Foods Ltd.	Pakistan	July 29, 2021

System for Award Management (SAM)

Supplier | Miami-Dade County | Business | Performance & Reports | SAM.gov | Entity

Entity Validation Delays Show Details  
Jul 5, 2022

Planned Maintenance Schedule Show Details  
Apr 3, 2022

See All Alerts

**SAM.GOV**

Requests Notifications Workspace Sign Out

Home Search Data Bank Data Services Help

Download Follow

**Entity Registration**

Core Data

Business Information

Entity Types

Financial Information

Points of Contact

Assertions

Reps and Certs

Exclusions

Responsibility / Qualification

**DCIM SOLUTIONS, LLC**

Unique Entity ID: P4JTAHWBX8E8

Registration Status: Active Registration

Expiration Date: Mar 31, 2023

CAGE/NCAGE: 868M3

Purpose of Registration: All Awards

Physical Address: 104 Maple Leaf Crt, Glassboro, New Jersey 08028-2644, United States

Mailing Address: 104 Maple Leaf Crt, Glassboro, New Jersey 08028-2644, United States

Version: Current Record

**BUSINESS INFORMATION**

Doing Business As: Critical Environments Group

Division Name: (blank)

URL: www.criticalcog.com

Division Number: (blank)

State / Country of Incorporation: Texas, United States

Congressional District: New Jersey 01

Registration Dates





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

## Department of Justice

The screenshot shows a web browser window with the URL <https://search.justice.gov/search?query=DCIM+Solutions&op=Search&affiliate=justice>. The page displays the Department of Justice logo and a search bar. Below the search bar, the results for "DCIM Solutions" are shown, including links to various reports and documents such as "LIBYA 2020 HUMAN RIGHTS REPORT", "Department to Combat Illegal Migration (DCIM)", "COI Report - Libya - June 2020", "Amnesty International Report 2020/21", "Microsoft Word - libya", and "2018 Trafficking in Persons Report".

The screenshot shows a web browser window with the URL [https://search.justice.gov/search?affiliate=justice&ort\\_by=8&query=critical+environments&commit=Search](https://search.justice.gov/search?affiliate=justice&ort_by=8&query=critical+environments&commit=Search). The page displays the Department of Justice logo and a search bar. Below the search bar, the results for "critical environments" are shown, including links to various reports and documents such as "Police-Community Relations Toolkit: Guide to Critical Issues in Policing", "Organizational Chart | DOJ | Department of Justice", "Team Telecom Recommends FCC Grant Google and Meta Licenses for Undersea Cable | OPA | Department of Justice", "2022 Department of Justice COVID-19 Workplace Safety Plan", "Program - The 2022 Symposium has concluded. Please join us for next year's event.", "FY 2022 President's Budget Request", "Justice IT Service Offerings - Cybersecurity Services", "Police-Community Relations Toolkit: Guide to Critical Issues in Policing", and "Juvenile Justice".






Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Local Certified Veteran Business Enterprise

Supplier x Miami-Dade County | Business | Performance & Reports x OSD x +

https://osd.dms.myflorida.com/directories/results?directory%5Bcommodity\_code%5D=&directory%5Bcommodity\_description%5D=&directory%5Bcounty%5D=&directory%5Bdesignation%5D=&directory%5Bvendor\_name%5D=DCIM

 **MANAGEMENT SERVICES**  
Office of Supplier Diversity

**Search Results** [Excel](#) [Back to Certified Directory](#)

Show 10 entries Search:

Name	Contact	Address	City	State	Phone
No data available in table					

Showing 0 to 0 of 0 entries [Previous](#) [Next](#)

DMS Home | OSD Home | Certified Vendor Directory



E-Verify

Supplier x Miami-Dade County | Business | Performance & Reports x How To Find Participating Employers x +

https://www.e-verify.gov/about-e-verify/e-verify-data/how-to-find-participating-employers?business-name=DCIM&field\_account\_status\_value=All&items\_per\_page=10

Select Industry Type(s)

Hiring Site Locations (by state)

Select State(s)

Account Status

- Any -

Items per page

10

[SEARCH](#) [RESET](#)

Employer	Doing Business As	Account Status	Date Enrolled	Date Terminated	Workforce Size	Number of Hiring Sites	Hiring Site Locations (by state)
DCIM Solutions LLC	Critical Environments Group	Open	07/19/2019		10 to 19	1	NJ

Showing 1 to 1 of 1 entries. [CSV](#)

**ENROLLING IN E-Verify IS EASY! WANT TO LEARN MORE?**

[E-Verify ENROLLMENT](#)

Last Updated Date: 04/01/2022

Was this page helpful?

☐ Yes ☐ No

[Submit](#)

Windows taskbar showing various application icons and the system clock at 12:52 PM 8/19/2022.





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

OSHA

Supplier | Miami-Dade County | Business | Performance & Reports | Establishment Search Page | OSHA

https://www.osha.gov/pls/mis/establishment.html?\_message=2&establishment=DCIM&state=all&office=all&officetype=all&sitezip=&startmonth=08&startday=19&startyear=2017&endmonth=08&endday=19&endyear=2022...

UNITED STATES DEPARTMENT OF LABOR

Occupational Safety and Health Administration

CONTACT US | FAQ | A TO Z INDEX | ENGLISH | ESPAÑOL

OSHA | STANDARDS | ENFORCEMENT | TOPICS | HELP AND RESOURCES | NEWS | SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Note** Please read important information below regarding interpreting search results before using.

Search By:

**Your search did not return any results.**

Establishment: DCIM  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OR and WA)

State: All States | Fed & State

OSHA Office: All Offices

Site Zip Code:

Case Status: ☒ All ☐ Closed ☐ Open

Violation Status: ☒ All ☐ With Violations ☐ Without Violations

Inspection Date

Start Date: August | 19 | 2017

End Date: August | 19 | 2022

Submit | Reset

Can't find it?  
Wildcard use %  
Basic Establishment Search Instructions  
Advanced Search Syntax

Supplier | Miami-Dade County | Business | Performance & Reports | Establishment Search Page | OSHA

https://www.osha.gov/pls/mis/establishment.html?\_message=2&establishment=critical%20environments&state=all&office=all&officetype=all&sitezip=&startmonth=08&startday=19&startyear=2017&endmonth=08&endday=19&endyear=2022...

UNITED STATES DEPARTMENT OF LABOR

Occupational Safety and Health Administration

CONTACT US | FAQ | A TO Z INDEX | ENGLISH | ESPAÑOL

OSHA | STANDARDS | ENFORCEMENT | TOPICS | HELP AND RESOURCES | NEWS | SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Note** Please read important information below regarding interpreting search results before using.

Search By:

**Your search did not return any results.**

Establishment: critical environments  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OR and WA)

State: All States | Fed & State

OSHA Office: All Offices

Site Zip Code:

Case Status: ☒ All ☐ Closed ☐ Open

Violation Status: ☒ All ☐ With Violations ☐ Without Violations

Inspection Date

Start Date: August | 19 | 2017

End Date: August | 19 | 2022


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Basic Establishment Search Instructions  
Advanced Search Syntax



**Notice of Cease and Desist – Michael McClain**

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

 Department of Business & Professional Regulation

HOME CONTACT US MY ACCOUNT

4:17:00 PM 8/26/2022

**ONLINE SERVICES**

- Apply for a License
- Verify a Licensee
- View Food & Lodging Inspections
- File a Complaint
- Continuing Education Course Search
- View Application Status
- Find Exam Information
- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search

**Search Results**

Displayed is a listing of public complaints against persons or businesses that, at the time of the complaint, were not licensed by the Department of Business and Professional Regulation. Public complaints against a licensed person or business can be found by using our [Licensee Search](#).

If you would like to file a new complaint please visit our [File a Complaint](#) page.

In addition, extract files are available on our [Instant Public Records](#) page.

Data shown is current through 8/25/2022

Complaint Number	Respondent Name	County	City	State	Profession
2012020604	MCCLAIN, MELVIN EUGENE	Duval	ATLANTIC BEACH	FL	CLTB/ECLB
2021009408	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor
2021033614	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor

Total records: 3 Total pages: 1  
Page 1 of 1

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2601 Blair Stone Road, Tallahassee FL 32399 :: Email: [Customer Contact Center](#) :: Customer Contact Center: 850.487.1395

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. \*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The email provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our [Chapter 455](#) page to determine if you are affected by this change.

**Unlicensed Details** [Print](#)

Respondent Name	MCCLAIN, MICHAEL			Profession	Certified Electrical Contractor
County	Out of State			Complaint Number	2021009408
Street Number	104	Complaint Class	Unlicensed Activity		
Address Line1	MAPLE LEAF COURT	Entered Date	03/02/2021		
Address Line2	DBA: DCIM SOLUTIONS, LLC	Disposition Date	04/07/2021		
Address Line3	AKA : CRITICAL ENVIRONMENTS GROUP	Complaint Disposition	Violation found - corrected		
City	GLASSBORO				
State	NJ				
Zip	08028				

[Close Window](#)

Complaint Number	Respondent Name	County	City	State	Profession
2012020604	MCCLAIN, MELVIN EUGENE	Duval	ATLANTIC BEACH	FL	CLTB/ECLB
2021009408	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor
2021033614	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor

Total records: 3 Total pages: 1  
Page 1 of 1

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Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Unlicensed Details

Print

Respondent Name **MCCLAIN, MICHAEL**

County **Out of State** Profession **Certified Electrical Contractor**

Street Number **104** Complaint Number **2021033614**

Address Line1 **MAPLE LEAF COURT** Complaint Class **Repeat Unlicensed**

Address Line2 **DBA: DCIM SOLUTIONS, LLC** Entered Date **07/22/2021**

Address Line3 **AKA : CRITICAL ENVIRONMENTS GROUP** Disposition Date **12/20/2021**

City **GLASSBORO** Complaint Disposition **Closed after legal review**

State **NJ**

Zip **08028**

Close Window

Find Exam Information

Unlicensed Activity Search

AB&T Delinquent Invoice & Activity List Search

Complaint Number	Respondent Name	County	City	State	Profession
2012020604	MCCLAIN, MELVIN EUGENE	Duval	ATLANTIC BEACH	FL	CILB/ECLB
2021009408	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor
2021033614	MCCLAIN, MICHAEL	Out of State	GLASSBORO	NJ	Certified Electrical Contractor

Total records: 3 Total pages: 1

Page 1 of 1

Now Search

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## Manjarres, Juliana (Aviation)

---

**From:** Garcia, Richard (Aviation)  
**Sent:** Wednesday, August 24, 2022 3:36 PM  
**To:** Manjarres, Juliana (Aviation)  
**Cc:** Alvarez, Jorge (Aviation); Clerk of the Board (COC)  
**Subject:** Re: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** image002.jpg; image011.jpg; image002.jpg; image012.png; image002.jpg; image013.png; image002.jpg; image012.png; image002.jpg; image011.jpg; image014.jpg; image011.jpg; image015.jpg; image011.jpg; image016.png; image017.png; image018.png; image019.jpg; Notice of Intent to Award AV-67323-22-JM.docx

Thank you, Juliana. Looks we're ready to award this project. Please proceed.

**Richard G. Garcia, Chief**  
**Miami-Dade Aviation Department**  
[305-869-1040](tel:305-869-1040) Phone  
[305-323-0300](tel:305-323-0300) Cell  
[rgarcia@miami-airport.com](mailto:rgarcia@miami-airport.com)

On Aug 24, 2022, at 3:31 PM, Manjarres, Juliana (Aviation) <JManjarres@flymia.com> wrote:

Good Afternoon George,

I hope you are doing well. Please find attached the draft Notice of Intent to Award which contains the numbers you requested below.

I will forward a copy of the final letter once it has been sent to the vendor.

Please let me know if you have any questions.

Thank you.

**Juliana Manjarres, CPSM**  
Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Alvarez, Jorge (Aviation) <JALVAREZ@FlyMIA.com>  
**Sent:** Tuesday, August 23, 2022 10:52 AM  
**To:** Garcia, Richard (Aviation) <RGarcia@FlyMIA.com>; Manjarres, Juliana (Aviation) <JManjarres@FlyMIA.com>  
**Cc:** Clerk of the Board (COC) <Clerk.Board@miamidade.gov>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Please let me know what the final amount is including the contingency fund so that I can update the requisition (before you approve in system) so that it matches your final/correct amount.

Jorge Alvarez, Jr.  
Aviation Signage Manager  
Miami-Dade Aviation Department  
P.O. Box 025504  
Miami, FL 33102-5504  
T 305-869-1455  
C 786-501-6573

---

**From:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Sent:** Tuesday, August 23, 2022 10:45 AM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Juliana,  
Please proceed with award process.  
Thank you.

**Richard G. Garcia, R.A.**, Chief  
**Miami-Dade Aviation Department**  
305-869-1040 Phone  
305-323-0300 Cell  
[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)  
[miami-airport.com](http://miami-airport.com)

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Sent:** Tuesday, August 23, 2022 9:54 AM  
**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

**Juliana Manjarres, CPSM**  
Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504



Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Manjarres, Juliana (Aviation)  
**Sent:** Tuesday, August 23, 2022 9:50 AM  
**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

George, Hopefully this one works.

[https://miamiairport0-my.sharepoint.com/:b:/g/personal/jmanjarres\\_miami-airport\\_com/Eb4EMIMR2Z9KkNQjUAs3vIsBjk0P-iYzrsd3adxZ0mhUeQ?e=fJ6eRi](https://miamiairport0-my.sharepoint.com/:b:/g/personal/jmanjarres_miami-airport_com/Eb4EMIMR2Z9KkNQjUAs3vIsBjk0P-iYzrsd3adxZ0mhUeQ?e=fJ6eRi)

Thank you.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Manjarres, Juliana (Aviation)  
**Sent:** Tuesday, August 23, 2022 9:40 AM  
**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Hello Richard,

Please use this link instead.

[https://miamiairport0-my.sharepoint.com/:f:/g/personal/jmanjarres\\_miami-airport\\_com/EqvBVuNOXjZDrNoKmyd3t9MBigD07aSYIP4LcsKgoKAouw?e=sJGnQH](https://miamiairport0-my.sharepoint.com/:f:/g/personal/jmanjarres_miami-airport_com/EqvBVuNOXjZDrNoKmyd3t9MBigD07aSYIP4LcsKgoKAouw?e=sJGnQH)



Thank you.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Manjarres, Juliana (Aviation)

**Sent:** Tuesday, August 23, 2022 8:20 AM

**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Alvarez, Jorge (Aviation)

<[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Happy Tuesday Richard!

I hope this email finds you well. Please find attached a copy of the lowest bid (file being sent via Share Drive below) with MDAD's approved equal per Addendum No. 3, received in response to the subject mentioned solicitation. Please review and provide your approval to proceed to award.

[CEG Bid.pdf](#)

Please let me know if you have any questions.

Thank you.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>

**Sent:** Thursday, August 18, 2022 5:19 PM



**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Thank you.

**Richard G. Garcia, R.A., Chief**  
**Miami-Dade Aviation Department**  
305-869-1040 Phone  
305-323-0300 Cell  
[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)  
[miami-airport.com](http://miami-airport.com)

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Thursday, August 18, 2022 5:14 PM

**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>

**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon Richard,

The bid closed yesterday. I anticipate finalizing the tally tomorrow at which point I can forward it to you for review.

Respectfully,

**Juliana Manjarres, CPSM, Airport Purchasing Specialist**  
**Miami-Dade Aviation Department**

---

**From:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>

**Sent:** Thursday, August 18, 2022 5:01 PM

**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Juliana,

Did you received bids on the Ups replacement project?

**Richard G. Garcia, R.A., Chief**  
**Miami-Dade Aviation Department**  
305-869-1040 Phone  
305-323-0300 Cell  
[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)  
[miami-airport.com](http://miami-airport.com)

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Wednesday, August 10, 2022 8:54 AM

**To:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>

**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*



Thank you, Richard.

Please find attached a copy of Addendum No. 2 and Addendum No. 3 for your file. The closing date has been extended to August 17<sup>th</sup>, 2022.

Have a great afternoon.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist  
**Miami-Dade Aviation Department**

---

**From:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Sent:** Tuesday, August 9, 2022 12:05 PM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>; Novela, Sylvia (Aviation) <[SNovela@FlyMIA.com](mailto:SNovela@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>  
**Subject:** FW: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Juliana,  
Please see below for determination of substitute product.  
ACCEPTED.

**Richard G. Garcia, R.A.**, Chief  
**Miami-Dade Aviation Department**  
305-869-1040 Phone  
305-323-0300 Cell  
[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)  
[miami-airport.com](http://miami-airport.com)

---

**From:** Smith, Wesley D. (Aviation) <[WSmith@FlyMIA.com](mailto:WSmith@FlyMIA.com)>  
**Sent:** Tuesday, August 9, 2022 10:59 AM  
**To:** Podley, Stephen (Aviation) <[SPODLEY@FlyMIA.com](mailto:SPODLEY@FlyMIA.com)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>  
**Cc:** Oliva, Manuel (Aviation) <[MOliva@FlyMIA.com](mailto:MOliva@FlyMIA.com)>; Paan, Juan (Aviation) <[JPaan@FlyMIA.com](mailto:JPaan@FlyMIA.com)>  
**Subject:** RE: \*\*ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Morning,

Richard, according to the reviewed documents, the system technical specifications listed read as an “apples to apples” comparison, other than a change in brand.  
Unless there’s additional engineering-level input available from Facilities Management, the change wouldn’t affect our purview, at the sign level.

v/r  
Wesley

**Wesley D Smith**, Sr. Airport Telecommunications Technician  
Information Systems/Telecommunications  
**Miami-Dade Aviation Department**



Office 305-876-7455

[wsmith@flymia.com](mailto:wsmith@flymia.com)

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## Manjarres, Juliana (Aviation)

---

**From:** Manjarres, Juliana (Aviation)  
**Sent:** Thursday, August 25, 2022 3:18 PM  
**To:** davidf@appind.com; Geoffrey.dopkins@dc-group.com; Kfreitag@criticaleg.com; christian.davis@unifiedpowerusa.com; david@pcsolutions.us; contact@pss-fl.com; charles.pharr@nolanpower.com; michael.hernandez@natpow.com; wjohnson@gps-us.com; dadecounty@graybar.com; ddiaz@ncsworldwide.com; grupoinpower@gmail.com; terry@nstpower.com; Alexander.azcurra@cpsgroupinc.net; johnb@mainserv360.com  
**Cc:** Clerk of the Board (COC); Garcia, Richard (Aviation); Alvarez, Jorge (Aviation)  
**Subject:** \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** AV-67323-22-JM Tally.pdf; Non-Collusion Affidavit .pdf; Surety Payment Bond.pdf; Surety Performance Bond.pdf; AV-67323-22-JM Notice of Intent to Award .pdf

Good Afternoon,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist  
**Miami-Dade Aviation Department**  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
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January 9, 2023

Katherine Freitag  
DCIM Solutions dba/ Critical Environments Group LLC  
104 Maple Leaf Ct.  
Glassboro, NJ 33432

Re: Recommendation for Award for ITQ No. AV-67323-22-JM  
MIA Central Boulevard Signage UPS Replacement

Dear Katherine Freitag,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Invitation to Quote (ITQ) based on the bid submitted on Wednesday August 17<sup>th</sup>, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **\$163,170.92**. This includes your base bid amount of **\$148,337.20**, and a **Contingency** amount of **\$14,833.72**. The contract term is 170 calendar days. The award is contingent upon the following:

1. Per Part IV Section 3 of the ITQ, the Contractor must submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, and Commercial General Liability.
2. Per Part IV Section 4 of the ITQ, the Contractor will be required to furnish Performance and Payment Bond (Attachment 1) attached to this letter, in accordance with the provisions of the Bid Documents. The amount of bond shall be for the Total Maximum Contract Amount **\$163,170.92**.
3. Contractor must sign and submit Non-Collusion Affidavit (Attachment 2) attached to this award letter.
4. VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)  
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the



Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the ITQ project specification. They must be submitted to the Aviation Department within **5 business** days of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or email: [jmanjarres@flymia.com](mailto:jmanjarres@flymia.com)

Thank you,

---

Juliana Manjarres  
Airport Purchasing Specialist



## Office of the Mayor

**DATE:** November 21, 2022

**TO:** Daniella Levine Cava  
Mayor

**FROM:** Jimmy Morales  
Chief Operations Officer

**SUBJECT:** Recommendation to Deny Informal Protest AV-67323-22 – Log #321340

**Action Requested:**

- ☐ Mayor Signature   ☐ Deputy Mayor Signature   ☐ Informational Only
- ☐ Response to Mayor Assignment Log No: \_\_\_\_\_ External Affairs Approval: \_\_\_\_\_
- ☐ Response to Directive No: \_\_\_\_\_ External Affairs Approval: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

Edits/Comments	Initials	Date

**Chief Operating Officer Approval for Mayoral Signature (Only if Action Requested):**

☐ Mayor Stamp   ☐ Mayor Signature

  
Jimmy Morales, Chief Operating Officer

Date: 11/21/2022



# Memorandum



**Date:** November 16, 2022  
**To:** Daniella Levine Cava  
Mayor

**From:** Ralph Cutié  
Aviation Director

**Subject:** Recommendation to Deny Informal Protest Under Contract No. AV-67323-22-JM, MIA Central Boulevard Signage UPS Replacement

## Recommendation

It is recommended that the County Mayor deny the informal bid protest received under *Contract No. AV-67323-22-JM, MIA Central Boulevard Signage UPS Replacement*.

## Background

On July 1, 2022, the County issued solicitation No. AV-67323-22-JM, to establish a contract for MIA Central Boulevard Signage UPS Replacement, which was issued pursuant to Miami-Dade County Pool of Prequalified Vendors No. RTQ-0004-1(1) for UPS Systems Maintenance & Repair GROUP 1. Review of the bids submitted confirmed DCIM Solutions dba Environments Group LLC (DCIM) to be the lowest, responsive, and responsible bidder. A recommendation awarding the contract to DCIM was issued on August 25, 2022.

On August 30, 2022, Power Systems Solutions, LLC, (Power Systems Solutions) filed a protest in accordance with Implementing Order 3-21, Bid Protest Procedures (I.O. 3-21). Based on the \$163,170.92 value of this contract, the bid protest submitted by Power Systems Solutions is considered an Informal Protest. Pursuant to I.O. 3-21, the Miami-Dade Aviation Department (MDAD) provided an opportunity to settle the protest by mutual agreement.

On September 16, 2022, a Zoom meeting was held with Power Systems Solutions, MDAD's Procurement and Materials Management staff and Assistant County Attorney, Dave Murray in order to provide the firm an opportunity to resolve the protest. During the meeting, Power Systems Solutions claimed that the firm being recommended for award (DCIM) did not have any type of contracting license or certification with the State of Florida, which would disqualify them from participating as a Proposer for this bid. Additionally, Power Systems Solutions, contended that DCIM was issued a cease-and-desist letter by the Department of Business and Professional Regulations (DBPR) for acting in the capacity of a contractor without the proper license. On October 4, 2022, a second Zoom meeting took place with Power Systems Solutions and MDAD's Procurement and Materials Management staff to present the findings.

A responsibility review was conducted, and County staff verified that DCIM, through their respective sub-contractors, can fulfill the licensing requirements as allowed in the solicitation document. Copies of the required licenses, from their sub-contractors, were obtained from DBPR's website and validated (refer to Exhibit A, Subcontractor Licenses). Additionally, DCIM provided supporting documentation evidencing the cease-and-desist case that was filed against their firm had been reviewed and a determination was made by DBPR to close the case (refer to Exhibit B, Department of Business & Professional Regulation Letter). The aforementioned documents were submitted to the Assistant County Attorney who provided an informal response stating the requirements of the solicitation document have been met (refer to Exhibit C, County Attorney Informal Response).



Based on the facts presented above and after a careful and thorough review of the claims raised by Power Systems Solutions a determination has been made to deny this informal protest. It is recommended that the original recommendation to award to DCIM be upheld.

Approved:   
Daniella Levine Cava, Mayor

Date: 12/5/2022

C: Dave Murray, Assistant County Attorney, County Attorney's Office  
James Boyle, Procurement Contracting Officer, Strategic Procurement Department  
Clerk of the Board  
File

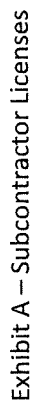
Attachments: Exhibit A Subcontractor Licenses  
Exhibit B Department of Business & Professional Regulation Letter  
Exhibit C County Attorney Informal Response  
Solicitation No. AV-67323-22-JM  
Award Recommendation AV-67323-22-JM  
Informal Protest from Power Systems Solutions, LLC  
DCIM Vendor Compliance Report



# Exhibit A

## Subcontractor Licenses





DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Universal Electrical Service, Inc. - Electrical Contractor

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

Florida  
**dbpr**  
Department of Business  
& Professional Regulation

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- [Unlicensed Activity Search](#)
- [AB&T Delinquent Invoice & Activity List Search](#)

## LICENSEE DETAILS

### Licensee Information

Name: FONTAINE, DENNIS RAYMOND (Primary Name)  
 Main Address: UNIVERSAL ELECTRICAL SERVICES INC (DBA Name)  
 1540 NW 65TH AVENUE  
 PLANTATION Florida 33313  
 County: BROWARD

### License Information

License Type: Certified Electrical Contractor  
 Rank: Cert Electrical  
 License Number: EC13002093  
 Status: Current/Active  
 Licensure Date: 09/01/2004  
 Expires: 08/31/2024

### Special Qualifications

Qualification Effective

### Alternate Names

[View Related License Information](#)

[View License Complaint](#)

2601 Blue Stone Road, Tallahassee FL 32399 :: Email: Customer Contact Center :: Customer Contact Center: 850.487.1395

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. Pursuant to Section 445.27(4), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The email provided may be used for official communication with the licensee. However, email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our Chapter 455 page to determine if you are affected by this change.

7:12:38 AM 8/26/2022



DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Ingemel S.A., LLC - Electrical Engineer

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Florida  
**dbpr**  
Department of Business  
& Professional Regulation

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[AB&T Delinquent Invoice & Activity List Search](#)

LICENSEE DETAILS

Licensee Information

Name: **MORALES, PATRICIA (Primary Name)**  
Main Address: **1580 SANDPIPER CIRCLE  
WESTON Florida 33327**  
County: **BROWARD**

License Information

License Type: **Professional Engineer**  
Rank: **Prof Engineer**  
License Number: **63818**  
Status: **Current Active**  
License Date: **02/06/2006**  
Expires: **02/28/2023**

Special Qualifications

**Mechanical**      Qualification Effective: **02/23/2004**

Alternate Names

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**Florida**  
**Department of Business**  
**& Professional Regulation**

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4:09:35 PM 8/26/2022

## ONLINE SERVICES

## LICENSEE DETAILS

### Licensee Information

## Apply for a License

### Verify a Licensee

View Food &amp; Lodging Inspections

## File a Complaint

Continuing Education Course  
Search[View Application Status](#)

Find Exam Information:

### Unlicensed Activity Search

AB&T Delinquent Invoice & Activity  
List Search

Name: ARIAS, PEDRO M. (Primary Name)  
Main Address: 1580 SANDPIPER CR  
WESTON Florida 33327  
County: BROWARD

### License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	63813
Status:	Current,Active
License Date:	02/06/2006
Expires:	02/28/2023

**Special Qualifications**

**Electrical & Computer** 02/19/2004

### Alternate Names

[View Related License Information](#)

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Exhibit A – Subcontractor Licenses

DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

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FLORIDA BOARD OF PROFESSIONAL ENGINEERS

Commitment to protecting the interest of public health and safety by properly regulating the practice of engineering

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FOR A COMPREHENSIVE LIST, CLICK THE LINKS BELOW:

Professional engineers are not licensed by discipline in the state of Florida, so the list provided will not contain their area of practice.

The professional engineer list does contain actual addresses. The lists for registered interns do not contain email addresses.

ENGINEERING INTERNS

ENGINEERING INTERNS (EXCEL)

PROFESSIONAL ENGINEERS

PROFESSIONAL ENGINEERS (PDF)

SPECIAL INSPECTOR

SPECIAL INSPECTOR (EXCEL)

TO SEARCH FOR AN INDIVIDUAL ENGINEER OR ENGINEERING FIRM, CLICK BELOW:

Search for a licensee at [enflboard.com](http://enflboard.com)

For more information, please call (850) 521-0500 and ask for public records or email [publicrecords@fbpe.org](mailto:publicrecords@fbpe.org)

0901	Professional Engineer	PE	63812	KENNARD, KEVIN DEAN SR	ironcitykidr@aol.com	(989)743-4980
0901	Professional Engineer	PE	63813	ARIAS, PEDRO M	pedroa@ingemel.com	(954)217-4092
0901	Professional Engineer	PE	63814	BOHORQUEZ, FRANCISCO J	francisco.bohorquez@aes.com	(813)494-2672
0901	Professional Engineer	PE	63815	DIGGS, ANDRA GENE II	andradigg2@live.com	(407)758-6396
0901	Professional Engineer	PE	63816	KING, ISABEL	isabelking123@gmail.com	(813)701-6393
0901	Professional Engineer	PE	63817	ROMANO, DAVID GUSTAVO	dromano1027@gmail.com	(305)525-4058
0901	Professional Engineer	PE	63818	MORALES, PATRICIA	pmorales@ingemel.com	(954)318-2264
0901	Professional Engineer	PE	63819	PENROD, JOHN K	jkpenrod76@gmail.com	(703)463-9485

3190 E. CRONK ROAD

1580 SANDPIPER CR

6673 10TH AVE N

1801 MORNINGSIDE DRIVE

1748 33RD ST 1748 33RD STREET

6331 LAKE CHAMPLAIN TERRACE

1580 SANDPIPER CIRCLE

PSC 80 BOX 16305



# Exhibit B

Department of Business & Professional  
Regulation Letter



Julie I. Brown, Secretary

Ron DeSantis, Governor

December 21, 2021

Michael McClain  
104 Maple Leaf Court  
Glassboro, NJ 08028

RE: DBPR v. MICHAEL McCLAIN  
Case Number: 2021-033614

Dear Michael McClain:

The complaint that was filed against you has been reviewed by this office and a determination was made to close the case. Please be aware that the case has been closed without prejudice to reopen it in the event that additional evidence is received, or it is determined, upon further review, that the initial decision to close the case was in error.

The Department of Business and Professional Regulation takes unlicensed activity violations seriously. Unlicensed activity occurs when an individual either performs or offers to perform services that require a state license, and the individual does not hold the required license. To protect the health, safety and welfare of the public, licensees are held to very high standards. Fairly regulating licensees and prosecuting unlicensed activity is of paramount importance to the Department.

If you have questions about which services require licensure, additional information can be found at the Department's website:

Construction Contracting

[http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense\\_Construction.html](http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense_Construction.html)

Electrical Contracting

[http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense\\_Electrical.html](http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense_Electrical.html)

Mold Assessors & Remediators

[http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense\\_Mold.html](http://www.myfloridalicense.com/DBPR/pro/division/Servicesthatrequirealicense_Mold.html)

Thank you for your cooperation in this matter.

Sincerely,

/s/Maureen White  
Maureen White  
Chief Attorney  
850.488.0062  
Maureen.White@myfloridalicense.com



# Exhibit C

## County Attorney Informal Response



## Gorrita, Cristina (Aviation)

---

**From:** Murray, David M. (Aviation)  
**Sent:** Monday, September 26, 2022 11:56 AM  
**To:** Novela, Sylvia (Aviation)  
**Subject:** Re: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Sylvia,

Where the contract expressly requires that the installation be performed by a licensed contractor, we do not believe that the law precludes a supplier or vendor from contracting for a solution. Also, to my understanding, the DBPR complaints forwarded by the complaining bidder were not sustained, though you may want to confirm that.

Dave

---

**From:** Novela, Sylvia (Aviation) <SNovela@FlyMIA.com>  
**Sent:** Friday, September 23, 2022 4:28 PM  
**To:** Murray, David M. (Aviation) <dmmurray@FlyMIA.com>  
**Subject:** FW: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Hi Dave, can you provide the response to vendor from our call last Friday. The end user really needs to move forward so we'd like to move on from the vendor and understand whether he will be able to proceed with a protest or not so we can execute the Po.

Thanks, Sylvia

---

**From:** Manjarres, Juliana (Aviation) <JManjarres@FlyMIA.com>  
**Sent:** Friday, September 23, 2022 12:07 PM  
**To:** Novela, Sylvia (Aviation) <SNovela@FlyMIA.com>  
**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Importance:** High

Good Afternoon Sylvia – I would like to know if you have received a response from Dave regarding the protest we received for AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement.

Thank you.

**Juliana Manjarres, CPSM**  
Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

**Connect With Us on:**





---

**From:** Novela, Sylvia (Aviation) <[SNovela@FlyMIA.com](mailto:SNovela@FlyMIA.com)>  
**Sent:** Wednesday, September 7, 2022 12:16 PM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Subject:** FW: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

---

**From:** Murray, David M. (Aviation) <[dmmurray@FlyMIA.com](mailto:dmmurray@FlyMIA.com)>  
**Sent:** Tuesday, August 30, 2022 2:37 PM  
**To:** Novela, Sylvia (Aviation) <[SNovela@FlyMIA.com](mailto:SNovela@FlyMIA.com)>  
**Subject:** Fw: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Sylvia,

Can anyone look up the projects which were the subject of the cease and desist letter attached?

Dave

---

**From:** [contact@pss-fl.com](mailto:contact@pss-fl.com) <[contact@pss-fl.com](mailto:contact@pss-fl.com)>  
**Sent:** Tuesday, August 30, 2022 2:35 PM  
**To:** [contact@pss-fl.com](mailto:contact@pss-fl.com) <[contact@pss-fl.com](mailto:contact@pss-fl.com)>; Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>; [Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com) <[Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Murray, David M. (Aviation) <[dmmurray@FlyMIA.com](mailto:dmmurray@FlyMIA.com)>; Murray, David M. (Aviation) <[dmmurray@FlyMIA.com](mailto:dmmurray@FlyMIA.com)>  
**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

Good Afternoon,

Please be advised that we have filed our intent to formally protest this Award recommendation with the clerk of board based on the fact that the recommended company does not have any type of Contracting license, furthermore on April of 2021 they were issued the attached cease and desist letter for this same practice of acting in the capacity of a contractor without being certified or registered which is against Florida Law per F.S. 489.531 (1)(A).

We also bring to your attention that having a subcontractor with a valid License does not exempt the primary from having the required Licenses by Law.



In addition, we have filed all of the pertinent documents with the clerk of the boards, County Attorney and mailed copies to all participants per Sections 2-8.3 and 2-8.4 of the Code of Miami Dade County as amended and as established in implementing order NO. 3-21 and per Section 1.13 Bid protest of the General Terms and conditions.

Best Regards,

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Thursday, August 25, 2022 3:18 PM

**To:** [davidf@appind.com](mailto:davidf@appind.com); [Geoffrey.dopkins@dc-group.com](mailto:Geoffrey.dopkins@dc-group.com); [Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com); [christian.davis@unifiedpowerusa.com](mailto:christian.davis@unifiedpowerusa.com); [david@pcsolutions.us](mailto:david@pcsolutions.us); [contact@pss-fl.com](mailto:contact@pss-fl.com); [charles.pharr@nolanpower.com](mailto:charles.pharr@nolanpower.com); [michael.hernandez@natpow.com](mailto:michael.hernandez@natpow.com); [wjohnson@gps-us.com](mailto:wjohnson@gps-us.com); [dadecounty@graybar.com](mailto:dadecounty@graybar.com); [ddiaz@ncsworldwide.com](mailto:ddiaz@ncsworldwide.com); [grupoinpower@gmail.com](mailto:grupoinpower@gmail.com); [terry@nstpower.com](mailto:terry@nstpower.com); [Alexander.azcurra@cpsgroupinc.net](mailto:Alexander.azcurra@cpsgroupinc.net); [johnb@mainerv360.com](mailto:johnb@mainerv360.com)

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM, Airport Purchasing Specialist**

**Miami-Dade Aviation Department**

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)

[www.iflymia.com](http://www.iflymia.com)

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**Solicitation No. AV-67323-22-JM**





**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**PART I. ITQ OVERVIEW AND GENERAL TERMS AND CONDITIONS**

**A. Information**

<b>This ITQ is issued pursuant to Miami-Dade County Pool of Prequalified Vendors:  RTQ-0004-1(1) UPS Systems Maintenance &amp; Repair GROUP 1 Pre-Qualified Vendors</b>
Sealed Quotes must be received by the due date and time, in a sealed envelope, identified on its outside as a quote for the above given ITQ number. Deliver sealed quotes to:  <div align="center"> <b>Miami-Dade Aviation Department (MDAD)</b>  <b>Procurement &amp; Materials Management Division</b>  <b>4331 NW 22<sup>nd</sup> Street, Building 3040, Miami, Florida 33122</b>  <b>Attn: Juliana Manjarres</b> </div>
<b>County Department:</b> Miami-Dade Aviation Department (MDAD) 4331 NW 22 <sup>nd</sup> Street, Building 3040, Miami, Florida 33122
<b>Contracting Officer/Department Contact:</b> Juliana Manjarres <span style="float: right;"><b>E-Mail:</b> <a href="mailto:jmanjarres@flymia.com">jmanjarres@flymia.com</a></span>
<b>Method of Award:</b> Award of this contract will be made to the lowest responsive and responsible Bidder: <input checked="" type="checkbox"/> in the aggregate for items 1-2 listed in <b>PART III PRICING FORM</b> this ITQ. If a Bidder fails to submit an offer for all items, its offer may be rejected.

**B. Instruction to All Bidders**

- Section 1, General Terms and Conditions of Miami-Dade County (County) shall apply to all resultant contracts from this ITQ. This Section is available on demand at the County's Strategic Procurement Division's (SPD) webpage:  
<https://www.miamidade.gov/procurement/library/boilerplate/general-terms-and-conditions-r21-2.pdf>  
  
 General Terms and Conditions of Section 1 are non-negotiable. The following articles in Section 1, General Terms and Conditions, are not applicable to this ITQ:
  - Section 1.6 Contract Extension
  - Section 1.22 Insurance Requirements
- Minimum Qualifications**  
 A Bidder or bidder's subcontractor(s) must hold at the time its bid is submitted, a current valid certificate(s)/license(s) from the State of Florida for a Certified Electrical Contractor and a Professional Electrical Engineer, qualifying the Bidder to perform the work contemplated by these Contract Documents. Failure to hold appropriate certificate(s)/license(s) at the time this Bid is submitted shall render the Bid non-responsive.
- Pre-Bid Conference and Site Visit (Highly Recommended)**  
 A highly recommended Pre-bid Conference and Site Visit of the designated location shall be held on July 13<sup>th</sup>, at 10:00 a.m., at 4301 NW 22 Street, Building 3030, 1st Floor, Miami, FL 33122. Bidder(s) are advised to carefully examine the requirements and specifications in this solicitation, and to become thoroughly aware regarding all conditions and requirements that may in any manner affect the work to be performed under the contract. No additional allowances will be made because of lack of knowledge of these conditions. It shall be the responsibility of the Bidder(s) to examine the equipment and sites prior to the submittal of their bid.



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

4. All questions must be submitted in writing by July 20<sup>th</sup>, 2022, to the attention of the department contact, via e-mail address indicated above, with a copy sent to [Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov). The County will issue responses to inquiries and any changes to the ITQ via written Addenda issued prior to this ITQ due date and time.
5. Pursuant to Section 2-11.1 (t) of the Code of Miami-Dade County, as amended, a "**Cone of Silence**" is imposed upon issuance of this ITQ after advertisement and terminates at the time a written recommendation is issued.
6. Sealed bid submitted by Bidder must include the following documentation:
  - A. Completed **PART III. Pricing Form**
  - B. Completed and signed **PART V. ITQ Submittal Form**
  - C. Completed **Subcontracting Form**

**7. Definitions**

When used in these Contract Documents (defined below), or in related documents, the following terms, shall have the meanings given below:

1. **Addendum:** A modification of the Plans, Specifications or other Contract Documents distributed to prospective Bidders prior to the opening of Bids.
2. **Allowance Account(s):** Account(s) in which stated dollar amount(s) are included in the Contract for the purpose of funding portions of the Work which are unforeseeable at the time of execution of the Contract, or for construction changes, for adjustments of quantities, for unit price work items or for special work deemed desirable by the Owner to be incorporated into the Contract. Performance of Work, if any, under Allowance Account(s) will be authorized by written Work Order(s) issued by the MDAD Project Manager.
3. **Change Order:** A written agreement executed by the Owner, the Contractor and the Contractor's Surety, covering modifications to the Contract, recommended by the MDAD and approved by the consulting engineers.
4. **Contract Documents:** Bid Documents, Change Orders, Payment and Performance Bonds, Work Orders, Approved Schedule, all Contractual Forms, Approved Shop Drawings and Approved Working Drawings.
5. **Consulting Engineers:** HNTB, Consulting Engineers/Supervising Architects to the Miami-Dade Aviation Department.
6. **County:** A political subdivision of the State of Florida, whose governing body is the Board of County Commissioners of Miami-Dade County, Florida.
7. **Critical Path:** Longest sequence of activities in a project's schedule which defines the project completion date and which must be completed on time in order for the project to be completed on schedule.
8. **Days:** Reference made to Days shall mean consecutive calendar days.
9. **Direct Costs:** Direct Costs recoverable by the Contractor as a result of changes in the Work shall be limited to the actual additional costs of labor and materials installed as part of the Work and for the reasonable additional cost of rental for any Special Equipment or Machinery. Labor shall be limited to site labor costs, including Employer's Payroll Burden. Specifically excluded from labor are the costs of general foremen and site office personnel. Materials are limited to permanent materials required by the drawings and specifications and materials approved by the MDAD Project Manager as necessary to install the permanent materials in an efficient and workmanlike manner. Rental for Special Equipment and Machinery, not already mobilized on the airport, shall be an amount equal to the appropriate daily, weekly, or monthly rental rate for such equipment, in



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accordance with the current issue of Associated Equipment Distributor (AED) "Compilation of Nationally Averaged Rental Rates and Model Specifications for Construction Equipment" (notwithstanding the caveats contained therein that such rental rates are not for use by government agencies) for each and every rental period (in days, weeks, or months as applicable) that the Special Equipment or Machinery is in use on the work plus any required mobilization. Payment for Special Equipment and Machinery already mobilized on the airport shall not exceed the monthly rate stated in the AED divided by one hundred and seventy-six (176) to establish a per hour rate that the Special Equipment and Machinery is in use on the work, plus any required re-mobilization. For Special Equipment or Machinery not listed in said document the Contractor shall be paid a rental rate corresponding to the average prevailing rental rate for such equipment or machinery in Miami-Dade County, Florida, subject to approval by the MDAD Project Manager. No additional payment shall be made to the Contractor for fuel, lubricants, fair wear and tear, transportation, insurance or depreciation. Any equipment or machinery not designated by the MDAD Project Manager as Special Equipment and Machinery shall be considered Overhead.

10. **Equal Brand:** The mention of a particular manufacturer's brand name or style number in the specifications does not imply that this particular product is the only one that will be considered for purchase. This reference is intended solely to designate the style, type or quality of merchandise that will be acceptable. Bidders are to list the make and model number should an alternate be offered. In addition, Bidders are to provide product specification sheets for the alternate product. The "equal" equipment/device specification(s) submitted by the Bidder for approval shall meet or exceed the style, quality, and functionally of those listed in this document. The determination as to whether any alternate product is or is not equal shall be made solely by The County and such determination shall be final and binding upon all Bidders. The County may request additional information, samples, and/or request a demonstration of the equipment in order to make such a determination.
11. **Extra Work:** An item of work not provided for in the awarded Contract as previously modified by Change Order or Work Order, but which is found by the MDAD Project Manager to be necessary to complete the work within the intended scope of the Contract.
12. **Indirect Costs:** The total daily compensation for approved compensable delays, which consist of all costs associated with: project bond premiums, project insurance premiums, costs of supervision, coordination, superintendents, general foremen, consultants, schedulers, cost controllers, accountants, office administrative personnel, time keepers, clerks, secretaries, watch persons, small tools, equipment or machinery not designated by the MDAD Project Manager as Special Equipment or Machinery, utilities, rent, telephones, facsimile machines, computers, word processors, printers, plotters, computer software, home office expense, all expendable items, job site and general office expenses, profit, extended jobsite general conditions, interest on monies retained by the Owner, escalated costs of materials and labor, decreased productivity, home office expenses or any cost incurred that may be allocated from the headquarters of the Contractor or any of its subcontractors, loss of any anticipated profits, loss of bonding capacity or capability losses, loss of business opportunities, loss of productivity on this or any other project, loss of interest income on funds not paid, costs to prepare a bid, cost to prepare a quote for a Change in the Work, costs to prepare, negotiate or prosecute claims, costs of legal and accounting work, costs spent to achieve compliance with applicable laws and ordinances, loss of projects not bid upon, loss of productivity or inefficiencies in the execution of the Work.
13. **Liquidated Damages:** The amount that the Contractor accepts, as stipulated in the Contract Documents, that will be deducted from the Contract Sum for each Day of delay due to a Non-excusable Delay.
14. **Miami-Dade Aviation Department (MDAD):** A department of Miami-Dade County government.
15. **Notice To Proceed (NTP):** The written communication issued by the Owner to the Contractor directing the Contractor to begin Contract Work and establishing the date of commencement of the work.
16. **Owner:** Miami-Dade Aviation Department (MDAD).
17. **Phase:** A completion date as defined in this ITQ.





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18. **Performance and Payment Bond:** Bond executed by the Contractor and its Surety, on the attached form, assuring that the Contractor will, in good faith, perform and guarantee the work in full conformity with the terms of the Contract Documents and will promptly pay all persons supplying the Contractor with labor, materials, or supplies, used directly or indirectly by the Contractor in the prosecution of the Work.
19. **Schedule:** The final schedule delivered under the Contract including time and deliverable schedule. Refer to Part II, Section 5.
20. **Subcontractor:** Any individual, firm, partnership, joint venture or corporation supplying the Contractor with labor, materials, supplies and equipment used directly or indirectly by the Contractor in the prosecution of the Work.
21. **Substantial Completion:** Substantial Completion of the Work shall occur when the MDAD Project Manager certifies that the Work is sufficiently complete, in accordance with the Contract Documents, so that the Owner may use the Work for the use for which it is intended or for such other use which the Owner in its sole discretion may determine to be appropriate under the circumstances, and after receipt of the final certificate of occupancy.
22. **Work:** The services required by the Contract Documents, which includes all labor, materials, equipment, and services to be provided by the Contractor to fulfill the Contractor's duties and obligations imposed by the Contract Documents or, if not specifically imposed by the Contract Documents, which can be reasonably assumed as necessary to fulfill the intent of the Contract Documents to provide a complete, fully functional and satisfactory project.



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**PART II. SCOPE OF WORK**

**1. Background/Purpose**

The purpose of this solicitation is to establish a contract for a turnkey installation for replacement of the existing Uninterrupted Power Supply (UPS) and related components. Central Boulevard is the main arterial road serving Miami International Airport (MIA) and consists of eight (8) lanes of traffic divided by a landscaped median. The four (4) lane in-bound roadway contains a one (1) single-sided 60' wide x 8' high overhead digital display and five (5) cantilever roadside DMS displays. These six (6) signs are connected and supported by a dedicated generator back-up system and UPS, in addition to being connected to the 277/480 volt/3-phase conventional power utility service source. The UPS provides power for the digital sign critical loads which require reliable, continuous, disturbance free supply. Please refer to Exhibit A for additional information. Eligible Bidder(s) must be pre-qualified under RTQ-00004-1(1), under Group 1, prior to the RTQ close date. Submittals received from non-eligible Bidders will not be permitted.

**2. Detailed Description of Phases and Deliverables**

This contract is being solicited for the procurement, delivery, installation, and replacement of the existing UPS, transformer and associated components described herein, or MDAD approved equal, which serve to support the MIA roadway digital signs (Work). The successful Bidder (Contractor) shall obtain approved Purchase Order from MDAD (Notice to Proceed) prior to commencing Work. Please refer to Exhibit A for the complete description of Work and location. As-built drawings and existing equipment literature is to be used for reference only.

The project will consist, at minimum, of the of the following phases for completion:

**2.1 Phase 1:** Removal of existing equipment and delivery and installation of new UPS equipment and transformer (22 weeks from NTP to installation of new UPS equipment and transformer)

- A. Submit for approval to MDAD within 15 days after award and issuance of the NTP a Progress Schedule reflecting the work to deliver the items in the Pricing Form.
- B. Prepare engineered drawings (signed & sealed by Contractor's Professional Electrical Engineer) for permitting purposes.
- C. Apply for and obtain all required permits prior to commencing work. Contractor shall be responsible for all required inspections, permit extensions, close-out, etc. during the course of work. Copy of approved permit shall be provided to MDAD when obtained and prior to start of work. Copy of final inspection sign-off shall be provided to MDAD at end of project, as a requirement of project close out.
- D. Provide all necessary materials, equipment, vehicles, lifts, ladders, safety equipment, barriers, etc. required to carry out the installation and replacement work per industry best practices.
- E. Provide temporary power to all Central Boulevard roadway digital signs (6) for the duration of the work, to minimize down time to the critical load. (Remove temporary power once installation is completed).
- F. Coordinate all aspects of outage and execution of shutdown with authorized MDAD personnel.
- G. Submit lock-out/tag-out energy control plan for MDAD approval prior to outage.
- H. Submit a Maintenance of Traffic (MOT) plan for temporary traffic control for approval prior to commencement of work. Installation work shall not interfere or disrupt airport operations, vehicular or pedestrian traffic.
- I. Submit a detailed work plan, including schedule for anticipated traffic lane shutdown and MOT to MDAD for approval prior to commencing work and provide 48-hour notice prior to starting installations on-site. All temporary traffic control shall be implemented and managed in accordance with FDOT (Florida Department of Transportation) standard plans.
- J. Provide proper valid identification for all employees and vehicles used for this project. Company ID's shall be worn and displayed on visible location at all times during work shifts. **MDAD issued ID badges will not be necessary since the work site is not within secure areas.**
- K. Contractor shall protect the work area and mark these areas with proper safety barriers that are highly visible (reflect in work plan) when necessary. Barriers shall be removed at the completion of work in each area and not create an impediment or hazard for pedestrian or vehicular traffic.



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- 2.2 Phase 2: Completion of commissioning, punch list and project sign off (2 weeks from installation of new UPS equipment and transformer)
- Commissioning of new UPS System
  - Submission of all applicable warranties
  - Completion of punch list
  - Final inspections
  - Project sign off

3. **Equipment**

MDAD requires the following equipment:

- One (1) new Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet
- One (1) new 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.

The new UPS shall include the following:

- Communication card
- Batteries to provide 10 minutes of run time at full load (120KW)
- Start-up and 1-year, 24/7 on-site parts and labor warranty
- Line-up and match 3-breaker bypass with interlocking capabilities
- Environmental monitoring probe

The equipment, as described above, shall be supplied and installed by the Contractor. The County acknowledges that, the Contractor is the owner of all right, title and interest in the equipment. Upon installation of the equipment the Contractor will transfer ownership of the equipment to the County; until the transfer of ownership to the County equipment will remain property of the Contractor.

4. **Removal of Existing Equipment**

The Contractor will be responsible for:

- Removal and disposal of existing UPS, bypass, batteries and transformer
- Assist UPS manufacturer's authorized technician with commissioning process

5. **Schedule**

All work shall be scheduled and approved by MDAD prior to commencement.

The Contractor shall submit for approval, within 15 days after award and issuance of the NTP, a Progress Schedule reflecting the work to deliver the items in the Pricing Form. The Progress Schedule submitted for approval shall include the engineer drawings submittal date and review period and sequence of activities for the removal of the existing UPS equipment and transformer and the installation of the new one, including manufacturing times, and any other work required. A revised Schedule shall be submitted showing all progress and any revisions to future work for approval with each application for payment.

The Contractor shall prosecute the Work in accordance with the approved Schedule or most recently approved revision to the Schedule. In the event that progress along the critical path is delayed, the Contractor shall revise their planning to include additional forces, equipment, shifts or hours as necessary to meet the time or times of completion specified in this Contract at no additional cost to the Owner. In addition, the Contractor shall revise their schedule to reflect these recovery actions and submit it to the Owner for review and approval it being understood that such approval will be as to the format and composition of the schedule and not the Contractor's means and methods. Additional costs resulting therefrom will be borne by the Contractor. Delayed progress is defined as:



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- A delay in the start or finish of any activity on the critical path (critical path is defined as the path with the least amount of float) of the approved Schedule or most recently approved revision to the Schedule; or
- A delay in the start or finish of any non-critical activity which consumes more than the available float shown on the approved Schedule or most recently approved revision to the Schedule, thereby making the activity critical and late; or
- A projected completion date shown on a schedule update which is later than the contractual completion date; or
- Any combination of the above.

Failure of the Contractor to comply with the requirements under this section will be grounds for determination that the Contractor is not prosecuting the Work with such diligence as will ensure completion within the Contract Time. Upon such determination, the Owner may terminate the Contractor's right to proceed with the Work, or any separate part thereof, in accordance with the Contract Documents. If in the Contractor's estimation, the cause(s) of delay are beyond the Contractor's control, the Contractor shall adhere to the sections of the Contract Documents related to extensions of time, claims and others as appropriate.

**6. Extensions of Time and Clarification of Types of Delays**

A. Once a delay has been identified and it has been established through a scheduling analysis that a delay affects the Project's end date or contractually mandated milestone date, the delay must be classified to determine responsibility and to compute damages, if any. Before the Contractor can submit a request for time extension, claim or any request for additional compensation involving or related to time, the Contractor must classify the delay(s) in accordance with the following classifications. These delay classifications shall be used by the Owner and the Contractor in resolving any time-related disputes. Delays fall into three basic categories: non-excusable, excusable, and compensable, as further explained below:

i. Non-excusable delays are those delays to the critical path which were foreseeable at the time of contract award or delays caused by the Contractor due to the Contractor's fault or negligence or his/her own inefficiencies or problems, due to his/her inability to coordinate subcontractors and/or other flaws in his/her planning. In these types of delays the Contractor is not entitled to extra time or compensation and the Owner may be allowed to assess Liquidated Damages or actual damages, depending on the contract provisions.

ii. Excusable delays are those delays to the critical path beyond the Contractor's control and without the active interference of the Owner, such as extreme weather (force majeure), strikes and delays caused by third parties (i.e. not the Contractor or the Owner). Contractors are granted a time extension but no additional compensation for the extended time of performance for excusable delays.

iii. Compensable delays are delays to the critical path caused by active interference or participation of the Owner or Owner's consultant. Examples of compensable delays are failure of the Owner to provide right-of-way, introducing late design changes, late review of shop drawings by the Owner and failure of the Owner to coordinate the work of various prime Contractors. In the case of a compensable delay, the compensation for the extended period of performance may cover the direct cost due as a result of the changes.

iv. Concurrent delays involve two or more delays to the critical path occurring at the same time, either of which, had it occurred alone, would have affected the end date of the Project. In that event, the Contractor's sole remedy is a time extension and relief of Liquidated Damages with no compensation for extended cost for the concurrency delay period.

v. The compensability of concurrent delays depends on the types of delays involved. The following shall determine the effects of concurrent delays on time extensions and compensable costs:

- EXCUSABLE DELAY CONCURRENT WITH A NON-EXCUSABLE DELAY. For excusable delays concurrent with non-excusable delays, the Contractor is entitled to a time extension only. For example, it rains the day footings are to be excavated (excusable delay) but the excavation equipment was down for repairs (non-excusable delays).
- NON-EXCUSABLE DELAY CONCURRENT WITH A COMPENSABLE DELAY. For nonexcusable delays concurrent with compensable delays, the Contractor is entitled to a time extension only. For example, if the Owner introduces a design change for a beam but the Contractor has failed to submit the shop drawings for



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said beam in a timely manner. This would be an example of a non-excusable delay (late shop drawings) concurrent with a compensable delay (Owner introducing design change).

- EXCUSABLE DELAY CONCURRENT WITH A COMPENSABLE DELAY. For excusable delays concurrent with compensable delays, the Contractor is entitled to a time extension only. For example, the Owner does not provide the necessary right-of-way to begin construction (compensable delay) but the Contractor's forces are on strike (excusable delay).

B. Time Extensions: The Contractor may be granted an extension of time and will not be assessed Liquidated Damages for any portion of the delay in completion of the Work, arising from acts of nature, acts of the public enemy, fires, floods, epidemics, quarantine restrictions, freight embargoes, strikes, labor disputes, or weather more severe than the norm, provided that the aforesaid causes were not foreseeable and did not result from the fault or negligence of the Contractor, and provided further that the Contractor has taken reasonable precautions to prevent further delays owing to such causes, and has given to the MDAD Project Manager immediate verbal notification, with written confirmation within 48 hours, of the cause or causes of delay. Within thirty (30) days after the end of the delay, the Contractor shall furnish MDAD Project Manager with detailed information concerning the circumstances of the delay, the number of days actually delayed, the appropriate Contract Document references, and the measures taken to prevent or minimize the delay. All requests for extension of time shall be submitted in accordance with the Contract Documents. Failure to submit such information will be sufficient cause for denying the delay claims. The Owner will ascertain the facts and the extent of the delay and its findings thereon will be final and conclusive subject to the dispute provisions in the Contract Documents. The extensions of time granted for these reasons shall be considered excusable and shall not be the basis for any additional compensation.

i. Weather more severe than the norm shall apply only as it affects particular portions of the Work and operations of the Contractor, as determined by the MDAD Project Manager. Weather more severe than the norm is defined as any situation exceeding the mean data as recorded by The National Climatic Data Center, Asheville, North Carolina and published by the National Oceanic and Atmospheric Administration (This data is taken from the table of normals, means, and extremes in the latest version of the "Local Climatological Data, Annual Summary with Comparative Data, Miami, Florida"). For the calculation of delays due to rain, precipitation of 0.01 inches or more a day shall be considered to be a rain day if the rain actually prevented the Contractor from performing work. The effects of weather less severe than the norm may be taken into account in granting time extensions at the Owner's sole discretion.

ii. An extension of time will not be granted for a delay to the critical path caused by a shortage of materials, except Owner-furnished materials, unless the Contractor furnishes to MDAD documentary proof that he has diligently made every effort to obtain such materials from every known source within reasonable reach of the Work. The Contractor shall also submit proof, in the form of a CPM network analysis data, that the inability to obtain such materials when originally planned, did in fact cause a delay in final completion of the Work which could not be compensated for by revising the sequence of his operations. Only the physical shortage of material will be considered under these provisions as a cause for extension of time. No consideration will be given to any claim that material could not be obtained at a reasonable, practical, or economical cost, unless it is shown to the satisfaction of the MDAD Project Manager that such material could have been obtained only at exorbitant prices, entirely inconsistent with current rates taking into account the quantities involved and the usual practices in obtaining such quantities.

C. Delays Caused by the Owner: If the Contractor's performance of the Work along the critical path is delayed by any condition or action directly caused by the Owner, and which was not foreseeable by the Contractor at the time the Contract was entered into, the Contractor shall, provide notification in accordance with the Contract Documents, of any such delay and of the anticipated results thereof. The Contractor shall cooperate with the Owner and use its best efforts to minimize the impact on the schedule of any such delay.

D. Delays Beyond Contractor's Control Not Caused by Consultant and/ or the Owner: If Contractor's performance of the Work along the critical path is delayed by any conditions beyond the control and without the fault or negligence of Contractor and not caused by the Owner, and which was not foreseeable by Contractor at the time this Contract was entered into, Contractor shall,



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provide immediate verbal notification with written notification in accordance with the Contract Documents, of any such delay and of the anticipated results thereof. Within two (2) calendar days of the termination of any such delay, Contractor shall file a written notice with the MDAD Project Manager specifying the actual duration of the delay. If the Owner determines that the delay was beyond the control and without the fault or negligence of the Contractor and not foreseeable by the Contractor at the time this Contract was entered into, the Owner will determine the duration of the delay and may extend the time of performance of this Contract provided, however, that Contractor shall cooperate with the Owner and use its best efforts to minimize the impact on the schedule of any such delay. These delays shall be considered excusable, and the Contractor shall not be entitled to, and hereby expressly waives recovery of, any damages suffered by reason of the delays contemplated by this paragraph and extension of time shall constitute Contractor's sole remedy for such delays.

E. In addition to the delays in the Work specified in this section, delays in the Work directly caused by an act or omission by an owner of an adjoining property will not be considered an Owner-controlled delay. An owner of an adjoining property is a person, firm, corporation, partnership, or other organization who either owns or occupies, or both, structures or parcels or both, immediately adjacent to the Work Site. Extension of time for those delays will be considered excusable and shall be treated as specified in this Section, provided that:

1. The Contractor has, in accordance with this Section, given to the MDAD Project Manager immediate verbal justification, with written confirmation within forty-eight (48) hours of the delay; and
2. The Contractor establishes, to the satisfaction of the MDAD Project Manager, that:
  - i. The delay was caused directly by an act or omission by the owner of the adjoining property; and
  - ii. The Contractor has taken reasonable precautions and has made substantial effort to minimize the delay.

F. A Work Order will be furnished to the Contractor within a reasonable period of time of a request for extension of time, specifying the number of days allowed, if any, and the new dates for completion of the Work or specified portions of the Work. All requests for time extension shall be in accordance with the Contract Documents.

G. For the proper format to be used in submitting requests or claims for time extensions, refer to applicable sections of the Contract Documents.

H. Extensions of time shall be in accordance with Section 9-3 of the Code of Miami-Dade County, as applicable.

The Contractor shall be responsible for scheduling and coordinating the work of all trades, subcontractors, and suppliers, required to perform any work and to complete such work within the prescribed time. Any inefficiency or loss of productivity in the labor, materials, or special equipment of the Contractor or its subcontractors of any tier, from any cause, shall be the responsibility of the Contractor. No reimbursement of these or any other costs can be requested by or granted to the Contractor or any of its subcontractors of any tier for inefficiency or loss of productivity in labor, materials, or special equipment. Additional costs may only be paid to the Contractor because of additional work added to the Contract scope of work in writing.

**7. Shipping**

Contractor shall coordinate delivery of UPS equipment, mounting accessories, and all equipment related components to the site where the existing UPS is located, at a time determined by MDAD Project Manager. Contractor shall be responsible for transporting new UPS and components to the installation site and safekeeping for the duration of the project. Manuals, warranties and other literature shall be provided to MDAD Project Manager.

UPS equipment, parts and related components shall be delivered/shipped with proper packing and protection to avoid damage during transport. Contractor shall be responsible for any damages incurred during shipment and shall replace any damaged component at no cost to MDAD. The equipment must be delivered and installed the same day.

**8. Installation**

Prior to commencement of Work, Contractor must field verify location and conditions where UPS equipment is designated. Contractor shall confirm location, dimensions, clearances, structural conditions, infrastructure and access for installation equipment with MDAD Project Manager.



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A pre-installation meeting shall take place within seven (7) days after award of the project to discuss the following:

- Observe current field conditions
- Review work scope
- Discuss facility access procedures and requirements
- Discuss work safety procedures
- Discuss project schedule

All work shall be scheduled and approved by MDAD prior to commencement.

**9. Commissioning**

Commissioning process shall utilize a load bank for testing the UPS at 100% load, and:

- Include use of two (2) Fluke 1750 power quality analyzers simultaneously connected at the input and output of the UPS allowing for a comparison of both input and output during the various UPS operations (bypass, on battery, on UPS, etc.) for verification of performance specified
- Provide test report certified by a Florida Licensed Professional Engineer

**10. Substantial Completion and Final Acceptance**

Substantial completion shall be deemed once new UPS system has been fully installed, tested, commissioned and left in proper working manner; warranties submitted; and work site cleaned of all equipment or supplies utilized during installation period. Project will not be accepted by MDAD or closed-out until all work is deemed completed. This includes all installations, testing, commissioning, completion of punch list items and final inspections.

MDAD has the right to reject all defective, damaged or non-conforming products associated with this project and/or work that does not meet high-quality standards. Repair of any damages to site components caused by installations or related activities shall be corrected by Contractor in a timely basis and prior to project close-out. Contractor is responsible for completion of work included in scope until accepted by MDAD.

At the time MDAD Project Manager considers all work to be complete, the Contractor shall submit written certification that:

- i. Work has been inspected for the compliance with the Contract Documents.
- ii. Work has been completed in accordance with the Contract Documents, and that deficiencies that had been identified at the time of substantial completion have been corrected.
- iii. Work is completed and ready for final inspection.

**11. Payments**

Payment for the work required shall be made at the prices listed in Section III Pricing Form which prices and payments shall be full compensation for furnishing all labor, materials and incidentals necessary to complete all the work as specified on this solicitation. For the purposes of progress payments, a lump sum amount may be paid on a percent complete basis at the sole discretion of the MDAD Project Manager.

Payments will be made in accordance with following:

**1. Phase 1** – Removal of existing equipment and delivery and installation of new UPS equipment and transformer: **70% of the total awarded amount will be paid**

**2. Phase 2** – Completion of commissioning, punch list and project sign-off: **30% of the total awarded amount will be paid**



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**12. Allowance Accounts**

A. Certain portions of work which may be required to be performed by the Contractor under this Contract are either unforeseeable or have not yet been designed, and the value of such work, if any, is included in the Contract as a specific line item(s) entitled "Allowance Account(s)".

i. The Allowance Account 1. (Contingency) can be used to reimburse the Contractor for 1) furnishing all labor, materials, equipment and services necessary for modifications or Extra Work required to complete the Project because of unforeseeable conditions and; 2) for performing construction changes required to resolved; oversight in design, MDAD oversight, unforeseen conditions, revised regulations, technological and product development, operational changes, schedule requirements, program interface, emergencies and delays.

B. When work is to be performed under the Allowance Account(s), if any, the work shall be incorporated into all respects of this Contract as awarded.

C. No Work Orders shall be issued against an Allowance Account if such Work Orders in the aggregate exceed the authorized amount of that Allowance Account, provided however that such excess may be authorized by appropriate Change Order.

D. The unexpended amounts under the allowance accounts shall remain with MDAD and the Contractor shall have no claim to the same.

**13. Warranty**

The Contractor shall warrant that the Equipment complies with the requirements of the Contract Documents, including approved drawings and these Specifications. The contractor hereby acknowledges and agrees that the Equipment and all materials supplied shall be new and warranted by the Manufacturer.

The Contractor agrees to repair or replace (parts and labor), at their expense within 24 hours any defect which constitute a breach of warranty, provided the Contractor is notified of such defect within **one year following the date of formal written acceptance of the Equipment**. In the event that the Contractor fails to respond within 24 hours to correct the occurrence (and expediently perform whatever repairs necessary to restore the Equipment into service), MDAD reserves the right to perform (with its own maintenance forces or otherwise) such corrective repair and the Contractor shall reimburse the MDAD whatever expenses incurred by MDAD in performing such corrective repair work.



**INVITATION TO QUOTE (ITQ)  
Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**PART III. PRICING FORM**

- A. The Bidder's prices per this Section, shall be inclusive of all costs associated with providing the services herein, which shall include at minimum the removal and legal disposal of existing UPS, manufacturing, delivery and installation of new Equipment, prepare engineered drawings (signed & sealed by Professional Engineer) for permitting purposes, apply for and obtain all required permits, electrical work, and commissioning of the UPS, as further described in Section 2.
- B. Mobilization shall consist of the preparatory work and operations for beginning work on the project; costs of bonds and required insurance; costs of operations necessary to move personnel, equipment, supplies, and incidentals to the site; costs of establishment of temporary offices, shops, safety equipment and first aid supplies; and other costs associated with or required by the Contract Documents and any Federal, State, and/or local laws and regulations. No separate cost will be paid for mobilization. All costs related to mobilization shall be considered incidental to and included in the unit cost prices in this section.
- C. The Bidder's prices shall include all engineering, labor, permit(s), materials, tools, and equipment; all other direct and indirect costs necessary to complete the work and to coordinate it with adjacent work; and shall include all overhead and profit.
- D. All handling or storage costs incurred by the Contractor shall be considered incidental to the installation of the equipment and as such will not be considered for additional compensation.

**Phase 1**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
1	1	JOB	<u>PHASE 1</u> pursuant to PART II, SECTION 2.1	\$
Contractor shall provide the below breakdown for information purposes only. The below pricing will not be evaluated to determine the lowest responsive responsible bidder.				
New Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet.				\$
New 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.				\$
Removal of existing UPS and Transformer an Installation of new UPS and Transformer.				\$

**Phase 2**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
2	1	JOB	<u>PHASE 2</u> pursuant to PART II, Section 2.2 Commissioning of new UPS System, Submission of all applicable warranties, Completion of punch list, Final inspections, Project sign off.	\$
<b>Phase 2 TOTAL:</b>				<b>\$</b>

NO Substitutes ☐ Or County Approved Equal ☒ If offering an approved equal provide specifications sheets





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**Miami-Dade Aviation Department**

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**PART IV. ADDITIONAL TERMS**

**1. Contract Time**

Completion of the Work within the Contract Time is of the essence. The Contract Time for this Work is 170 calendar days from the effective date established in the Notice To Proceed.

**2. Small Business Enterprise (SBE)**

SBE Bid preference ☒ SBE Set Aside ☐

**3. Insurance Requirements**

A. The contractor shall furnish to the MDAD Purchasing or MDAD Risk Management, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation, as required by Chapter 440, Florida Statutes.
- B. Automobile Liability Insurance, covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than:
  - (1) \$5,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor on the AOA.
  - (2) \$1,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor off the AOA.
- C. Commercial General Liability Insurance, on a comprehensive basis, including Contractual Liability, Broad Form Property Damage and Products and Completed Operations, in an amount not less than \$5,000,000 combined single limit per occurrence for bodily injury and property damage. The County must be shown as an additional insured with respect to this coverage.

B. All required insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey or its equivalent, subject to the approval of the MDAD Risk Management Division OR, The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to do Business in Florida", issued by the State of Florida Department of Financial Services

C. Certificates of Insurance must meet the following requirements:

- 1. Certificate must indicate that no modification or change in insurance shall be made without thirty (30) days written advance notice to the certificate holder.
- 2. Signature of agent must be included.
- 3. If Automobile Liability Insurance is required above, insurance must be provided for all of the following vehicles:
  - a) Owned
  - b) Non-owned
  - c) Hired





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4. If General or Public Liability Insurance is required above, Certificate of Insurance must show Miami-Dade County as an additional insured for that coverage.

5. Certificate Holder must read EXACTLY as presented below:

Miami Dade Aviation Department  
Attn.: Risk Management Division  
PO BOX 025504  
Miami, FL 33102

D. Compliance with the requirements in this Section shall not relieve the successful Bidder of its liability and obligation under this, or under any other, section of the Contract. The successful Bidder shall provide to the County the insurance documents within ten (10) business days after notification of recommendation to award. If the certificate submitted does not include the

**4. Performance and Payment Bond**

The Contractor to whom a contingent award is made after a quotation process shall duly execute and deliver to the County a Performance and Payment Bond in an amount that represents 100% of the Contractor's offer price. The Performance and Payment Bond Form supplied by the County shall be the only acceptable form for these bonds. No other form will be accepted. The completed form shall be delivered to the County within the time frame agreed by the vendor and MDAD after formal notice of award. If the vendor fails to deliver the payment and performance bond within this specified time, including granted extensions, the County shall declare the vendor in default of the contractual terms and conditions, and the vendor shall surrender its offer guaranty/bid bond, and the County shall not accept any offer from that vendor for a twelve (12) month period following such default.

The following specifications shall apply to any bond provided:

A. All bonds shall be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

Bond Amount Best Rating  
500,001 to 1,500,000 B V  
1,500,001 to 2,500,000 A VI  
2,500,001 to 5,000,000 A VII  
5,000,001 to 10,000,000 A VIII  
Over 10,000,000 A IX

B. On contract amounts of \$500,000.00 or less, the bond provisions of Section 287.0935, Florida Statutes (2007) shall be in effect and surety companies not otherwise qualifying with this paragraph may optionally qualify by:

- i. The surety company is licensed to do business in the State of Florida;
- ii. The surety company holds a certificate of authority authorizing it to write surety bonds in this state;
- iii. Providing evidence that the surety has twice the minimum surplus and capital required by the Florida Insurance Code at the time the solicitation is issued;
- iv. Certifying that the surety is otherwise in compliance with the Florida Insurance Code; and
- v. Providing a copy of the currently valid Certificate of Authority issued by the United States Department of the Treasury under SS. 31 USC 9304-9308.

Surety insurers shall be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds", published annually. The bond amount shall not exceed the underwriting limitations as shown in this circular.

C. For contracts in excess of 500,000 the provisions of Section B will be adhered to plus the company must have been listed



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for at least three consecutive years or holding a valid Certificate of Authority of at least 1.5 million dollars and on the Treasury List.

D. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.

E. In lieu of a bond, an irrevocable letter of credit or a cash bond in the form of a certified cashier's check made out to the Board of County Commissioners will be acceptable. All interest will accrue to Miami-Dade County during the life of this contract and/or as long as the funds are being held by Miami-Dade County.

F. The attorney-in-fact or other officer who signs a contract bond for a surety company must file with such bond a certified copy of power of attorney authorizing the officer to do so. The contract bond must be counter signed by the surety's resident Florida agent.

**5. Liquidated Damages**

A. The parties to the Contract agree that time, in the completion of the Work, is of the essence. The County and the Contractor recognize and agree that the precise amount of actual damages for delay in the performance and completion of the Work is impossible to determine as of the date of execution of the Contract and that proof of the precise amount will be difficult. Therefore, the Contractor shall be assessed liquidated damages on a daily basis for each day that individual milestones, both interim and cumulative as specified in the Contract Documents, are not timely achieved or that contract time is exceeded due to a non-excusable delay. These liquidated damages shall be assessed, not as a penalty, but as compensation to the County for expenses which are difficult to quantify with any certainty and which were incurred by the County due to the delay. Therefore, in accordance with this section (Liquidated Damages) failure to complete the work within the stipulated phases and/or overall completion indicated preliminary schedule, or the project schedule as approved by MDAD: the Contractor and his sureties will be assessed Liquidated Damages as follows:

1. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled installation duration if the UPS installation is not completed on time, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the UPS is installed and in service.

2. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled project completion date, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the milestone delivery date is met.

B. The amount of liquidated damages assessed shall be an amount, as stipulated above, per day for each calendar day that individual milestones as specified in the Contract are not timely achieved or that the project is delayed due to a non-excusable delay.

C. In the event the Contractor fails to perform any other covenant or condition (other than time-related) of this Contract relating to the Work, the Contractor shall become liable to the County for any actual damages which the County may sustain as a result of such failure on the part of the Contractor. The County reserves the right to retain these amounts from monies due the Contractor.

D. Nothing in this Section shall be construed as limiting the right of the County to terminate the Contract and/or to require the Surety to complete said project and/or to claim damages for the failure of the Contractor to abide by each and every one of the terms of this Contract as set forth and provided for in the Contract Documents.





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**PART V. SUBMITTAL FORM**

Bidder's Legal Name (include d/b/a if applicable):

Federal Tax Identification Number:

**A. SMALL BUSINESS ENTERPRISE CONTRACT MEASURES (if applicable):**

A Small Business Enterprise (SBE) must be certified by the Small Business Development Division (SBD) for the type of goods and/or services the Bidder provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information, contact SBD at (305) 375-3111 or access <http://www.miamidade.gov/smallbusiness/certification-programs.asp>. The SBE must be certified by this Solicitation's submission deadline, at Contract award, and for the duration of the Contract to remain eligible for the preference. Firms that graduate from the SBE Program during the Contract may remain on the Contract.

☐ Place a check mark here only if affirming Bidder is a Miami-Dade County Certified Small Business Enterprise.

IN ACCORDANCE WITH CFR 200.319 (b), SMALL BUSINESS ENTERPRISE MEASURES SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

**B. LOCAL PREFERENCE CERTIFICATION:**

For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

☐ Place a check mark here only if affirming the Bidder meets requirements for Local Preference. **Failure to complete this certification at this time may render the vendor ineligible for Local Preference.**

IN ACCORDANCE WITH CFR 200.319 (b), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

**C. LOCALLY HEADQUARTERED BUSINESS CERTIFICATION:**

For the purpose of this certification, and pursuant to Section 2-8.5 of the Code of Miami-Dade County, a "locally headquartered business" is a Local Business as defined above, which has a "principal place of business" in Miami-Dade County. "Principal place of business" means the nerve center or the center of overall direction, control, and coordination of activities of the Bidder. If the Bidder has only one business location, such business location shall be its principal place of business.

☐ Place a check mark here only if affirming the Bidder meets requirements for the Locally Headquartered Preference (LHP). **Failure to affirm this certification at this time may render the vendor ineligible for the LHP.** The address of the Locally Headquartered office is:

IN ACCORDANCE WITH CFR 200.319 (b), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

**D. LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE CERTIFICATION:**

A Local Certified Veteran's Business Enterprise is a firm that is: (a) a local business pursuant to Section 2-8.5 of the Code of Miami-Dade County, and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to Section 295.187 of the Florida Statutes.

☐ Place a check mark here only if affirming the Bidder is a Local Certified Veteran's Business Enterprise. **A copy of the certification must be submitted with the bid.**





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IN ACCORDANCE WITH CFR 200.319 (b), LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

**E. CONVICTION DISCLOSURE:**

Pursuant to Section 2-8.6 of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here only if the Bidder has such conviction to disclose to comply with this requirement.

**F. CONFLICT OF INTEREST DISCLOSURE:**

Pursuant to Section 2-11.1 (c) and (d) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ YES or ☐ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ YES or ☐ NO

If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.

**G. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:**

The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section 286.011 and Chapter 119. As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, by signing below, knowingly and expressly waives all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.

**Acknowledgment of Waiver:**

Bidder's Authorized Representative's Signature:

Date:

Representative's Name:

Representative's Title:





**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

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**H. BIDDER'S CONTACT INFORMATION**

Bidder's Contact Person:

Email Address:

Phone Number (include area code):

**I. ACKNOWLEDGEMENT OF BINDING OFFER**

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature:

Date:

Representative's Name:

Representative's Title:

This ITQ includes the following attachments:

- ☐ Drawings/Pictures/Site Maps
- ☐ Subcontracting Form





**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
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**SUBCONTRACTING FORM**

Vendor Name \_\_\_\_\_ FEIN # \_\_\_\_\_

Complete "A" or "B":

- A. ☐ No subcontractors or direct suppliers will be utilized pursuant to this solicitation.
- B. ☐ The below listed subcontractors and/or suppliers will be utilized pursuant to this solicitation:

Business Name and Address of First Tier Subcontractor/ Subconsultant	Name of Principal Owner	Scope of Work to be Performed by Subcontractor /Subconsultant	Subcontractor / Subconsultant License (if applicable)
Business Name and Address of First Tier Direct Supplier	Name of Principal Owner	Supplies, Materials, and/or Services to be Provided by Supplier	

And

Below and/or attached is a detailed statement of the firm's policies and procedures for awarding subcontractors:


(Duplicate this form if additional space is needed to provide the required information)

When Subcontracting is allowed and subcontractors will be utilized, the Contractor shall comply with Section 2-8.8 of the Code - Fair Subcontracting Practices: (1) Prior to contract award, the Bidder shall provide a detailed statement of its policies and procedures for awarding subcontracts and (2) As a condition of final payment under a contract, the Contractor shall identify subcontractors used in the work, the amount of each subcontract, and the amount paid and to be paid to each subcontractor via the BMWS at <http://mdcsbd.gob2g.com>.

Pursuant to Section 2-8.1(f) of the Code - Listing of subcontractors required on certain contracts, for all contracts which involve the expenditure of one hundred thousand dollars (\$100,000) or more, the entity contracting with the County must report to the County the race, gender, and ethnic origin of the owners and employees of its first tier subcontractors and suppliers via the BMWS at <http://mdcsbd.gob2g.com>. The race, gender, and ethnic information must be submitted via BMWS as soon as reasonably available and, in any event, prior to final payment under the Contract. The Contractor shall not change or substitute first tier subcontractors or direct suppliers or the portions of the Contract work to be performed or materials to be supplied from those identified except upon written approval of the County.

*I certify that the information contained in this form is to the best of my knowledge true and accurate.*

\_\_\_\_\_  
**Signature of Vendor's Representative**

\_\_\_\_\_  
**Print Name**

\_\_\_\_\_  
**Print Title**

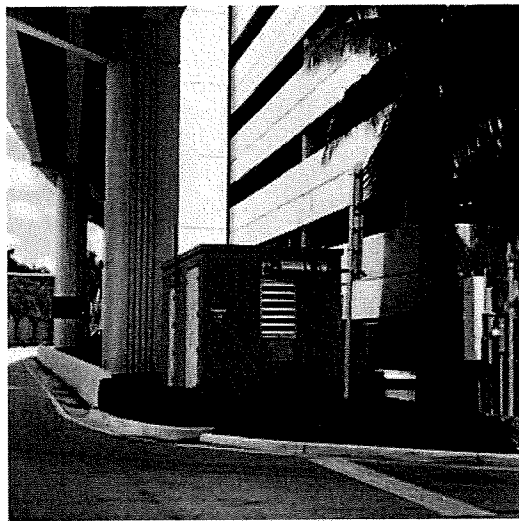
\_\_\_\_\_  
**Date**



INVITATION TO QUOTE (ITQ)  
Miami-Dade Aviation Department

Exhibit A

ITQ No. AV-67323-22JM MIA Central Boulevard Signage UPS Replacement



UPS/Generator Building







[illegible]





**ADDENDUM NO. 1**

**DATE: JULY 25, 2025**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. **THE BID CLOSING DATE HAS BEEN EXTENDED THROUGH 2:00 P.M., ON AUGUST 10<sup>TH</sup>, 2022.**

B. The following are the pre-bid questions received and corresponding County responses:

Q1. I would like to recommend that the scope include an additional year of full warranty including annual PMVs to allow the County more time to develop a full-scope service program.

Answer: MDAD will not be extending the warranty period of the new system beyond 1 year since MDAD will assume coverage under its general UPS service contract.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 2**

**DATE: AUGUST 9, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are changes to the solicitation.

1. The Bid closing date for Solicitation No. AV-67323-22-JM, has been extended through 2:00 p.m., on August 17, 2022.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





**ADDENDUM NO. 3**

**DATE: AUGUST 10, 2022**

**TO: ALL PROSPECTIVE BIDDERS**

**SUBJECT: Solicitation No. AV-67323-22-JM**

**TITLE: MIA Central Boulevard Signage UPS Replacement**

This Addendum becomes a part of the subject solicitation.

A. The following are the pre-bid questions received and corresponding County responses:

Q1. Please find attached our Spec for approval for this project. Please advise if it does not meet your criteria for this scope.

Answer: The equipment proposed in the attached data sheets has been approved by MDAD.

**All other information remains the same.**

Miami-Dade County,

Juliana Manjarres  
Aviation Purchasing Specialist

c: Clerk of the Board





Miami-Dade Aviation Department (MDAD)

ITQ No.: AV-67323-22-JM

July 20, 2022

Provided for Review and Approval

Reason: Eaton UPS is specified for project with option for substitutes. Schneider Electric is our substitute option. Please let us know if the below do not fit the scope as intended by the County.

**Schneider Electric**  
**Galaxy VS**

Data Center Grade 3-Phase Uninterruptible Power Supply

**3 x 480 V UPS - Guide Specifications**

**20 kW to 150 kW UPS**

*THIS GUIDE SPECIFICATION IS WRITTEN IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS INSTITUTE (CSI) MASTERFORMAT. THIS SECTION MUST BE CAREFULLY REVIEWED AND EDITED BY THE ARCHITECT OR THE ENGINEER TO MEET THE REQUIREMENTS OF THE PROJECT. COORDINATE THIS SECTION WITH OTHER SPECIFICATION SECTIONS IN THE PROJECT MANUAL AND WITH THE DRAWINGS.*

*WHERE REFERENCE IS MADE THROUGHOUT THIS SECTION TO "PROVIDE", "INSTALL", "SUBMIT", ETC., IT SHALL MEAN THAT THE CONTRACTOR, SUBCONTRACTOR, OR CONTRACTOR OF LOWER TIER SHALL "PROVIDE", "INSTALL", "SUBMIT", ETC., UNLESS OTHERWISE INDICATED.*

*THIS SECTION IS WRITTEN TO INCLUDE THE 2004 MASTERFORMAT AND THE 1995 MASTERFORMAT VERSIONS. WHERE APPLICABLE, THESE ITEMS ARE BRACKETED AND, IN EACH CASE, UNLESS OTHERWISE INDICATED, THE FIRST CHOICE APPLIES TO THE 2004 MASTERFORMAT AND THE SECOND CHOICE APPLIES TO THE 1995 MASTERFORMAT.*





SECTION [26 33 63] [16611]

**SOLID-STATE UNINTERRUPTIBLE POWER SUPPLY**

**Part 1 GENERAL**

**1.1. Related documents**

- A. Drawings and general provisions of the Contract, including General Conditions, [Division 01 GENERAL REQUIREMENTS] [Division 1 GENERAL REQUIREMENTS], and other applicable specification sections in the Project Manual apply to the work specified in this Section.

**1.2. Summary**

- A. **Scope:** Provide design and engineering, labor, material, equipment, related services, and supervision required, including, but not limited to, manufacturing, fabrication, erection, and installation for a solid-state uninterruptible power supply (UPS) as required for the complete performance of the work, and as shown on the Drawings and as herein specified.
- B. **Section includes:** This specification describes a three-phase, on-line, continuous operation, solid-state uninterruptible power supply (UPS). The UPS shall operate as an active power control system, working in conjunction with the building electrical system to provide power conditioning and on-line power protection for the critical loads.

**1.3. References**

- A. **General:** The publications listed below form a part of this Specification to the extent referenced. The publications are referred to in the text by the basic designation only. The edition/revision of the referenced publications shall be the latest date as of the date of the Contract Documents, unless otherwise specified.
- B. **Institute of Electrical and Electronics Engineers, Inc. (IEEE):**
  - 1. ANSI/IEEE C62.41, "Recommended Practice for Surge Voltages in Low-Voltage AC Power Circuits" (copyrighted by IEEE, ANSI approved)
- C. **International Organization for Standardization (ISO):**
  - 1. ISO 9001, "Quality Management Systems - Requirements."
  - 2. ISO 14001, "Environmental Management Systems - Requirements with Guidance for Use"
- D. **National Electrical Manufacturers Association (NEMA):**
  - 1. NEMA PE 1, "Uninterruptible Power Systems (UPS) - Specification and Performance Verification"
- E. **National Fire Protection Association (NFPA):**





1. NFPA 70, "National Electrical Code" (copyrighted by NFPA, ANSI approved) - hereafter referred to as NEC
- F. **Underwriters Laboratories, Inc. (UL):**
  1. UL 1778, 5th edition, "Standard for Uninterruptible Power Supply Equipment" (copyrighted by UL, ANSI approved)
  2. UL 891, "Standard for Dead-Front Switchboards" (copyrighted by UL, ANSI approved)
  3. UL 1558, "Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear"
  4. UL 924, "Emergency Lighting and Power Equipment"
  5. CSA 22.2 No 141-15, "Emergency Lighting and Power Equipment"
- G. **International Electrical Commission (IEC):**
  1. IEC 62040-1: 2008 (First Edition) + Am 1: 2013 "General and safety requirements for UPS"
  2. IEC 62040-2: 2016 Category C2, "Electromagnetic compatibility (EMC) requirements"
  3. IEC 62040-3, "Uninterruptible Power Systems - Method of Specifying the Performance and Test Requirements"
- H. **FCC**
  1. FCC part 15 Subpart B Class A.

#### 1.4. Submittals

- A. **Proposal Submittals:**
  1. System bill of materials (level one).
  2. Product technical specifications or equipment brochures.
  3. Product specifications.
  4. System operation diagram.
  5. Installation manual.
  6. Drawings for requested optional accessories.
- B. **Delivery Submittals:**
  1. Installation manual, which includes unpacking and installation of all systems.
  2. Operation manual, which includes start-up and operating instructions.

#### 1.5. Quality assurance

- A. **Qualifications**
  1. **Manufacturer experience:** The manufacturer shall have a minimum of 20 years' experience in the design, manufacture, and testing of UPS systems.
  2. **ISO 9001 Certification:** The manufacturer shall be ISO 9001 & 14001 certified. Certification assures that the vendor's quality control & environmental measures have been certified by an accredited registrar and meet internationally recognized standards.
  3. **Installer Qualifications:** Installer shall be a firm that shall have a minimum of five years of successful installation experience with projects utilizing solid state UPS similar in type and scope to that required for this Project.





**B. Factory testing**

Prior to shipment the manufacturer shall complete a documented test procedure to test functions of the UPS module and batteries (via a discharge test), when supplied by the UPS manufacturer, and warrant compliance with this Section.

**C. Pre-installation conference**

Conduct pre-installation conference in accordance with [Section 01 31 19 PROJECT MEETINGS] [Section 01200 PROJECT MEETINGS]. Prior to commencing the installation, meet at the Project site to review the material selections, installation procedures, and coordination with other trades. Pre-installation conference shall include, but shall not be limited to, the Contractor, the Installer, and any trade that requires coordination with the work. Date and time of the pre-installation conference shall be acceptable to the Owner and the Architect/Engineer.

**D. Source responsibility**

Materials and parts comprising the UPS shall be new, of current manufacture, and shall not have been in prior service, except as required during factory testing. Active electronic devices shall be solid state and shall not exceed the manufacturer's recommended tolerances for temperature or current to ensure maximum reliability. Semiconductor devices shall be sealed. Relays shall be provided with dust covers. The manufacturer shall conduct inspections on incoming parts, modular assemblies, and final products.

**1.6. Delivery, storage, and handling**

- A. Deliver materials to the Project site in supplier's or manufacturer's original wrappings and containers, labeled with supplier's or manufacturer's name, material or product brand name, and lot number, if any.
- B. Store materials in their original, undamaged packages and containers, inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.
- C. Products shall be packaged in a manner to prevent penetration by debris and to allow safe delivery by modes of ground transportation and air transportation where specified.
- D. Prior to shipping, products shall be inspected at the factory for damage.
- E. Equipment shall be protected against extreme temperature and humidity and shall be stored in a conditioned or protected environment.
- F. Equipment containing batteries shall not be stored for a period exceeding three months without powering up the equipment for a period of eight hours to recharge the batteries.

**1.7. Project conditions**

Do not install solid state UPS until space is enclosed and weatherproof, wet work in space is completed and nominally dry, work above ceilings is complete, and ambient temperature and humidity conditions are and will be continuously maintained at values near those indicated for final occupancy.

**A. Environmental requirements**

- 1. Storage ambient temperature:
  - a. -25 °C to 55 °C (-13 °F to 131 °F) for UPS.
  - b. -15 °C to 40 °C (5 °F to 104 °F) for batteries.
- 2. Operating ambient temperature:
  - a. 0 °C to 40 °C (32 °F to 104 °F) without load derating.





- b. From 40 °C to 50 °C (104 °F to 122 °F) with load derating.
- 3. Operating relative humidity: 0 to 95%, non-condensing.
- 4. Elevation derating according to IEC 62040-3:
  - a. Up to 1000 m (3300 feet): 1.000
  - b. Up to 1500 m (5000 feet): 0.975
  - c. Up to 2000 m (6600 feet): 0.950
  - d. Up to 2500 m (8300 feet): 0.925
  - e. Up to 3000 m (10000 feet): 0.900

#### 1.8. Warranty

- A. **General:** See [Section 01 77 00 - CLOSEOUT PROCEDURES]  
[Section 01770 - CLOSEOUT PROCEDURES].
- B. **Special Warranty:** The Contractor shall warrant the work of this Section to be in accordance with the Contract Documents and free from faults and defects in materials and workmanship for period indicated below. This special warranty shall extend the one-year period of limitations contained in the General Conditions. The special warranty shall be countersigned by the Installer and the manufacturer.
  - 1. **UPS:** The UPS shall be covered by a full parts and labor warranty from the manufacturer for a period of 12 months from date of installation or acceptance by the Owner or 18 months from date of shipment from the manufacturer, whichever occurs first.
  - 2. **Battery:** The battery manufacturer's warranty shall be passed through to the final Owner and shall have a minimum period of one year.
- C. **Additional Owner Rights:** The warranty shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to and run concurrent with other warranties made by the Contractor under requirements of the Contract Documents.

## Part 2 PRODUCT

### 2.1. Manufacturer

- A. **Schneider Electric:** Galaxy VS. No substitutes will be considered.

OR

- B. **Schneider Electric:** Galaxy VS or approved equal. However, if a brand other than Schneider is proposed, the decision of the Engineer shall be final and a "differentiation report" must be submitted. This report shall address each paragraph of the specification individually and list any difference from what is specified. If there are no differences, a report stating so shall be provided. If, after installation, omitted differences are found, the Contractor shall correct differences to the satisfaction of the Owner and Engineer or unsatisfactory equipment shall be removed and equipment acceptable to the Owner and Engineer shall be installed at no additional cost to the





project. Also, make modifications to the facilities infrastructure as needed to accommodate the substitute, at no additional cost to the project. Examples of modifications include, but are not limited to the following:

1. Structural reinforcement to accommodate heavier equipment.
2. Increased sizes of circuit breakers, raceways, and wiring.
3. Larger back-up generators (including upgraded accessories and wiring) to avoid instability caused by most double conversion UPS systems.
4. Larger HVAC equipment (including duct work and wiring) to accommodate increased heat dissipation of less efficient UPS systems.

## 2.2. System description

### A. General

1. The UPS shall be housed in a freestanding cabinet with casters. Maintenance shall be possible from the front.
2. The UPS shall be in a self-contained cabinet and shall be available in the following models:
  - a. 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, 100 kW, 120 kW, and 150 kW.
  - b. (Optional) the UPS shall offer internal N+1 redundancy by providing an extra power module to ensure redundancy. The following models shall be available: 20 kW, 30 kW, 40 kW, 50 kW, 60 kW, 80 kW, and 100 kW with N+1 redundant power module.
  - c. (Optional) the UPS shall have the possibility of scaling from 50 kW to 150 kW using combinations of 20 kW power modules and/or 50 kW power modules and reconfiguring automatically when new power modules are inserted. Scalable models have halogen-free cables.
3. Live swap of power modules in any operation mode shall be possible.
4. Output power factor: 1.0.
5. Backfeed contactor included.
6. The UPS shall support installation with either 3-wire (L1, L2, L3, PE) WYE or 4-wire (L1, L2, L3, N, PE) WYE. The supply for input and bypass must be solid-grounded WYE transformers. Delta input supply for either input or bypass is not permitted.
7. The UPS shall contain a static bypass switch and a display. The UPS shall be of the double conversion on-line topology with power factor corrected inputs.
  - a. The UPS shall be sized for \_\_\_\_\_ kVA/kW load.
  - b. The UPS battery shall be sized for \_\_\_\_\_ at a power factor of \_\_\_\_\_ for \_\_\_\_\_ minutes.
8. The UPS shall be using a modular design in which power functions, static bypass, and system control are embedded in modules for optimal MTTR.
9. The UPS shall have a short circuit rating of 65 kA RMS.
10. The UPS shall be tested against EMC (electromagnetic compatibility) according to FCC part 15 Subpart B Class A.

### B. System input

1. Nominal input voltage rating: 480 V 3-phase.
2. Input voltage window: 408 V to 552 V.
3. Input frequency range: 40-70 Hz.
4. Input power factor:
  - a. 0.99 at load >50%
  - b. 0.95 at load >25%





5. Total harmonic distortion:
  - a. 50 kW, 100 kW, and 150 kW: < 3%
  - b. 20-40 kW, 60-80 kW, and 120 kW: < 5%
- C. **System output**
  1. Nominal output voltage rating: 480 V 3-phase. 208 V output is available in a system with a maintenance bypass cabinet with output transformer installed.
  2. Output voltage tolerance: +/- 1% for symmetrical loads.
  3. Dynamic load response:
    - a. +/- 5% after 2 ms
    - b. +/- 1% after 50 ms
  4. Output frequency: 50 or 60 Hz.
  5. Output voltage harmonic distortion:
    - a. <1% at 100% linear load
    - b. <5% at 100% non-linear load
  6. Overload capability:
    - a. 150% for 1 minute (normal operation)
    - b. 125% for 10 minutes (normal operation)
    - c. 125% for 1 minute (battery operation)
    - d. 125% continuous (bypass)
    - e. 1000% for 100 ms (bypass)
  7. Output power factor: 1.0
  8. Audible noise at full load:
    - a. 57 dBA at 70% load
    - b. 64 dBA at 100% load

### 2.3. Operation Modes

- A. **Normal:** In normal operation, the UPS supports the load with conditioned power.
- B. **Battery:** If the utility/mains supply fails, the UPS transfers to battery operation and supports the load with conditioned power from the DC source.
- C. **Requested static bypass:** The UPS can be transferred to requested static bypass following a command from the display. During static bypass operation, the load is supplied from the bypass source. If a fault is detected, the UPS will transfer to normal operation or forced static bypass operation. If there is an interruption to the utility/mains power supply during requested static bypass operation, the system will transfer to battery operation.
- D. **Forced static bypass:** The UPS is in forced static bypass following a command from the UPS system or because the user has pressed the inverter OFF button on the UPS. During forced static bypass operation, the load is supplied directly by the bypass source.
- E. **Internal maintenance bypass:** When the internal maintenance bypass breaker (IMB) is closed, the UPS transfers to internal maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed only on power modules, the static bypass switch module, and on the controller box during internal maintenance bypass operation. The internal maintenance bypass breaker IMB can only be used in single systems with no external maintenance bypass breaker.
- F. **External maintenance bypass:** When the maintenance bypass breaker (MBB) is closed in the external maintenance bypass panel/cabinet, the UPS transfers to external maintenance bypass operation. The load is supplied with unconditioned power from the bypass source. Service can be performed on the entire UPS during external maintenance bypass.





- G. **Static bypass standby:** The UPS enters static bypass standby if the UPS is prevented from entering forced static bypass and the other UPS units of the parallel system can support the load. In static bypass standby, the output of the specific UPS is off. The UPS automatically changes to the preferred operation mode when possible. Note: If the other UPS units cannot support the load, the parallel system enters forced static bypass. The UPS in static bypass standby will then transfer to forced static bypass.
- H. **ECO mode:** ECO mode allows the UPS to be configured to use requested static bypass, with the load supplied through the bypass, as the preferred operation mode under predefined circumstances. If a fault is detected (bypass voltage out of tolerance, output voltage out of tolerance, etc.), the UPS will immediately transfer to normal operation or forced static bypass. The main advantage of ECO mode is a reduction in the consumption of electrical power. In case of interruption to the utility/mains supply, the UPS transfers to inverter operation for a continuous supply of the load. The batteries are charged when the UPS is in ECO mode.
- I. **ECONversion mode:** ECONversion allows the UPS system to supply the active part of the load through the static bypass. The inverter is kept running in parallel with the bypass source and supplies the reactive part of the load. The input power factor of the UPS is, regardless of the load power factor, maintained close to unity as the reactive part of the load is significantly reduced in the UPS input current. In case of an interruption to the utility/mains supply, the inverter immediately maintains the output voltage so that breaks or drops during the transfer from ECONversion mode are practically eliminated. The batteries are charged when the UPS is in ECONversion mode.

## 2.4. Components

### A. Rectifier

- 1. The UPS shall include an active power factor corrected rectifier.
- 2. The input current limiter shall be designed to:
  - a. Fast battery recharge:
    - 1) 80% of the UPS output rating at <40% load
    - 2) 20% of the UPS output rating at 100% load
  - b. Provide regulation with input deviation of up/down to +/-15% of the nominal input voltage.
- 3. The battery charging shall keep the float voltage of
  - a. 436-654 VDC for 32-48 blocks (20 kW, 30 kW, 40 kW, and 80 kW).
  - b. 477-654 VDC for 35-48 blocks (60 kW).
  - c. 545-654 VDC for 40-48 blocks (50 kW, 100 kW, 120 kW, and 150 kW).
- 4. The battery charging voltage shall be compensated against temperature variations (battery temperature compensation) to always maintain optimal battery float charging. Temperature compensation rate shall be 3.3 mV/degree/cell for ambient temperatures > 25 °C and 0mV/°C for ambient temperatures < 25 °C.
- 5. Input power factor shall be 0.98 lagging at 100% load without the use of passive filters. Rectifier shall employ electronic waveform control technology to maintain the current sinusoidal.
- 6. Pulse Width Modulation (PWM) current control shall be used. Digital Signal Processors (DSP) shall be used for all monitoring and control tasks. Analog control shall not be acceptable.

### B. Inverter

- 1. The inverter shall consist of fast switching IGBTs.
- 2. The inverter shall be a 3-level hybrid inverter.





3. Inverter shall be PWM controlled using DSP logic. Analog control shall not be acceptable.
4. The inverter modules shall be rated for an output power factor at 1.0.
5. Nominal output voltage shall be 480 V 3-phase.
- C. **Static bypass switch**
  1. The static bypass switch shall consist of fully rated Silicon Controlled Rectifiers (SCRs). Partly rated SCRs with a wraparound contactor shall not be acceptable.
  2. The static bypass switch shall be of modular design with connectors at the rear.
  3. The static bypass switch shall automatically transfer the load to bypass supply without interruption after the logic senses one of the following conditions:
    - a. Inverter overload beyond rating.
    - b. Battery runtime expired and bypass available.
    - c. Inverter inoperable.
    - d. Control system inoperable.
  4. The static bypass switch shall automatically retransfer from bypass to the inverter.
  5. The inverter shall be active (on).
  6. The static bypass switch shall be equipped with a manual means of transferring the load to bypass and back to inverter.
- D. **Battery**
  1. **General:** The UPS shall use an open cell, a valve-regulated sealed lead-acid heavy duty industrial battery or Lithium-ion battery, designed for auxiliary power service in a UPS application.
    - a. End of discharge voltage at full load:
      - 1) 307 VDC for 32 blocks (20 kW, 30 kW, 40 kW, and 80 kW UPS).
      - 2) 336 VDC for 35 blocks (60 kW UPS).
      - 3) 384 VDC for 40 blocks (50 kW, 100 kW, 120 kW, and 150 kW UPS).
    - b. Battery charge current limit: The selection shall be made from the display. The battery charge current limit should be software and hardware current limit.
    - c. The battery charging circuit shall remain active when the PFC operates normally.
  2. **Classic battery cabinets:**
    - a. The classic battery cabinet shall feature valve regulated, high-rate discharge, lead-acid batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
    - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
    - c. Non-redundant construction - one battery string per cabinet.
    - d. The classic battery cabinet shall match the UPS cabinet.
    - e. Each classic battery cabinet shall require front access only for installation, service, and maintenance.
    - f. Each classic battery cabinet shall feature a DC-rated circuit breaker. The circuit breaker within the classic battery cabinet shall only provide protection to the battery string within the classic battery cabinet.
  3. **Modular Battery Cabinet:**
    - a. The modular battery cabinet shall feature sealed lead-acid batteries.
    - b. Battery voltage shall be battery temperature compensated as outlined in the rectifier section above.
    - c. The modular battery cabinet shall match the UPS cabinet.
    - d. Each modular battery cabinet shall require front access only for service and maintenance.





- e. Each modular battery cabinet shall feature a DC-rated circuit breaker.
  - f. The modular battery cabinet shall be installed remotely or adjacent next to the UPS with the use of an optional installation kit.
  - g. The modular batteries shall be user swappable by using the DC disconnect device located at the front of the modular battery cabinet.
  - h. The modular batteries shall be available in two versions - standard life (3-5 years) or long-life (10 years Eurobat).
  - i. Runtime shall be scalable by adding modular battery strings over time.
  - j. Redundancy shall be offered by using additional modular battery strings.
4. **Lithium-ion Battery Solution:**
- a. The battery cabinet shall feature lightweight, compact, long-life Lithium-ion batteries which provide energy to support the load during a momentary loss of input power to the rectifier.
  - b. Each battery cabinet shall require front access only for installation, service, and maintenance.
  - c. Each battery cabinet shall feature a DC rated circuit breaker. The circuit breaker within the battery cabinet shall only provide protection to the battery string within that battery cabinet.
5. **Battery monitoring:**
- a. Battery monitoring shall be provided at system level.
  - b. The UPS shall incorporate a battery capacity test that will determine the available runtimes.
  - c. The Lithium-ion battery solution shall communicate with the UPS via dry contacts.

## 2.5. Mechanical

- A. The UPS shall be housed in a freestanding cabinet with casters.
- B. Dust filter shall be available in two versions for different dust protection capabilities.
- C. The cable entry shall be from the bottom or rear of the UPS.
- D. The cabling section shall be large enough to accept copper and aluminum cables.
- E. The UPS shall have the following dimensions: 1485x521x847 mm (58.46x20.51x33.35 in) and shall meet an ingress level of minimum IP21.
- F. The UPS shall offer an option of using 2-hole lugs to prevent risk of lug rotation after cable connection.
- G. The UPS shall have a seismic kit option.

## 2.6. Display, controls, and alarms

- A. A color touch screen display shall be located on the front of the UPS.
- B. The following metered data shall be available on the display:
  - 1. Year, month, day, hour, minute, second of occurring events.
  - 2. Input voltage.
  - 3. Input current.
  - 4. Input frequency.
  - 5. Output voltage.
  - 6. Output current.
  - 7. Output frequency.





8. Battery voltage.
9. Battery current.
10. Battery temperature.
- C. The display shall allow the user to display active alarms.
- D. The following controls or programming functions shall be accomplished by use of the display unit.
  1. Silence audible alarm.
  2. Set the alphanumeric display language.
  3. Display and set the date and time.
  4. Enable or disable the automatic restart feature.
  5. Transfer load to and from static bypass.
  6. Test battery condition on demand.
- E. LEDs for indication of operation mode.
- F. Push button user controls:
  1. Inverter ON.
  2. Inverter OFF.
- G. For purposes of remote communications with the UPS, a network management card shall be integrated.

## 2.7. Accessibility

- A. **Software and connectivity**
  1. The Ethernet Web/SNMP Adaptor shall allow one or more network management systems (NMS) to monitor and manage the UPS in TCP/IP network environments. The management information base (MIB) shall be provided in MIB formats. The SNMP interface adaptor shall be connected to the UPS via the RJ45 serial port on the standard communication interface board.
  2. The UPS shall offer a Modbus interface.
  3. The UPS shall be equipped with eight dry contacts (four inputs, four outputs) for user-assignable alarms or remote monitoring.
- B. **Remote UPS monitoring**

Three methods of remote UPS monitoring shall be available:

  1. Smartphone application: With remote monitoring and live system status and remote alarms.
  2. Web monitoring: Remote monitoring shall be available via a web browser such as Internet Explorer.
  3. Simple Network Management Protocol (SNMP): Remote UPS monitoring shall be possible through a standard MIB II compliant platform.
- C. **Software compatibility**

The UPS manufacturer shall have available software to support shutdown and or remote monitoring for the following systems.





## Part 3 EXECUTION

### 3.1. Examination

- A. **Verification of conditions:** Examine areas and conditions under which the work is to be installed, and notify the Contractor in writing, with a copy to the Owner and the Architect/Engineer, of any conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected.
1. Beginning of the work shall indicate acceptance of the areas and conditions as satisfactory by the Installer.

### 3.2. Installation

Preparation and installation shall be in accordance with reviewed product data, final shop drawings, manufacturer's written recommendations, and as indicated on the Drawings.

### 3.3. Manufacturer assisted start-up

A manufacturer assisted UPS start-up shall be available, manufacturer trained service personnel shall perform the following inspections, test procedures, and on-site training:

- A. **Visual Inspection:**
1. Inspect equipment for signs of damage.
  2. Verify installation per manufacturer's instructions.
  3. Inspect cabinets for foreign objects.
  4. Inspect batteries.
- B. **Mechanical Inspection:**
1. Check all UPS, external battery cabinets internal power wiring connections.
  2. Check all UPS, external battery cabinets terminal screws, nuts, and/or spade lugs for tightness.
- C. **Electrical Inspection:**
1. Verify correct input and bypass voltage.
  2. Verify correct phase rotation of all mains connections.
  3. Verify correct UPS control wiring and terminations.
  4. Verify voltage of batteries.
  5. Verify neutral and ground conductors are properly landed.
- D. **Site Testing:**
1. Ensure proper system start-up.
  2. Verify proper firmware control functions.
  3. Verify proper firmware bypass operation.
  4. Verify proper maintenance bypass switch operation.
  5. Verify system set points.
  6. Verify proper inverter operation and regulation circuits.
  7. Simulate input power failure.
  8. Verify proper charger operation.
  9. Document, sign, and date all test results.
- E. **On-Site Operational Training:** During the manufacturer assisted start-up, operational training for site personnel shall include LED indicators, start-up and shutdown procedures, maintenance bypass and AC disconnect operation, and alarm information.





### 3.4. Manufacturer field service

- A. **Worldwide service:** The UPS manufacturer shall have a worldwide service organization available, consisting of factory trained field service personnel to perform start-up, preventative maintenance, and service of the UPS system and power equipment. The service organization shall offer 24 hours a day, 7 days a week, 365 days a year service support.

### 3.5 Demonstration

Provide the services of a manufacturer-authorized service representative of the manufacturer to provide start-up service and to demonstrate and train the Owner's personnel.

- B. Test and adjust controls and safety. Replace damaged or inoperable controls and equipment.
- C. Train the Owner's maintenance personnel on procedures and schedules related to start-up and shutdown, troubleshooting, servicing, and preventive maintenance.
- D. Review data in operation manual with the Owner's personnel.

### 3.6 Maintenance

- 3.6.1 **Maintenance contracts:** A complete offering of preventative and full-service maintenance contracts for the UPS system and the battery system shall be available. All contract work shall be performed by Schneider Electric trained service personnel.
- 3.6.2 The manufacturer shall, upon request, provide spare parts kits for the UPS module in a timely manner as well as provide access to qualified and trained service personnel to provide preventative maintenance and service on the UPS module when required.
- 3.6.3 The UPS shall be repairable by replacing standard subassemblies requiring no adjustments.
- 3.6.4 The UPS shall be designed to support power module insertion and removal in any mode of operation when performed by a qualified person following safety related work practices. A recognized accreditation laboratory shall certify basic touch compliance to IEC62040 & IEC60950 through all stages of the swap. A recognized accreditation laboratory shall witness arc flash incident energy exposure testing in compliance with UL RP 2986 and verify that the qualified person is not exposed to incident energies exceeding 1.2cal/cm<sup>2</sup> through all stages of the swap.
- 3.6.5 UPS subassemblies shall be accessible from the front. UPS design shall provide maximum reliability and minimum MTTR (mean time to repair). To that end, the UPS shall be equipped with a self-test function to verify correct system operation. The self-test function shall identify the subassembly requiring repair in the event of an alarm condition. The electronic UPS control and monitoring assembly shall therefore be fully microprocessor-based, thus doing away with potentiometer settings. This shall allow:
  - 3.6.5.1 Auto-compensation of component drift.
  - 3.6.5.2 Self-adjustment of replaced subassemblies.
  - 3.6.5.3 Extensive acquisition of information vital for computer-aided diagnostics (local or remote).





3.6.5.4 Socket connection to interface with computer-aided diagnostics system.

### 3.7 Training

UPS service training workshop: A UPS service training workshop shall be available from the UPS manufacturer. The service training workshop shall include a combination of lecture and practical instruction with hands-on laboratory sessions. The service training workshop shall include instruction about safety procedures, UPS operational theory, sub-assembly identification and operation, system controls and adjustment, preventative maintenance, and troubleshooting.

END OF SECTION



# Award Recommendation

AV-67323-22-JM





Miami Dade Aviation Department  
P O Box 025504  
Miami, Florida 33102-5504

August 25, 2022

Katherine Freitag  
DCIM Solutions dba/ Critical Environments Group LLC  
104 Maple Leaf Ct.  
Glassboro, NJ 33432

Re: Recommendation for Award for ITQ No. AV-67323-22-JM  
MIA Central Boulevard Signage UPS Replacement

Dear Katherine Freitag,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Invitation to Quote (ITQ) based on the bid submitted on Wednesday August 17<sup>th</sup>, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **\$163,170.92**. This includes your base bid amount of **\$148,337.20**, and a **Contingency** amount of **\$14,833.72**. The contract term is 170 calendar days. The award is contingent upon the following:

1. Per Part IV Section 3 of the ITQ, the Contractor must submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, and Commercial General Liability.
2. Per Part IV Section 4 of the ITQ, the Contractor will be required to furnish Performance and Payment Bond (Attachment 1) attached to this letter, in accordance with the provisions of the Bid Documents. The amount of bond shall be for the Total Maximum Contract Amount **\$163,170.92**.
3. Contractor must sign and submit Non-Collusion Affidavit (Attachment 2) attached to this award letter.
4. **VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)**  
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the





Miami Dade Aviation Department  
P O Box 025504  
Miami, Florida 33102-5504

Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the ITQ project specification. They must be submitted to the Aviation Department within **5 business days** of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or email: [jmanjarres@flymia.com](mailto:jmanjarres@flymia.com)

Thank you,

Juliana Manjarres  
Airport Purchasing Specialist



# Informal Protest from Power Systems Solutions, LLC





POWER  
SYSTEM  
SOLUTIONS

Power System Solutions, LLC  
7320 NW 12<sup>th</sup> ST, UNIT 113  
MIAMI, FL 33126  
Ph. (305) 676-6465  
Fax (305) 901-5591  
[www.pss-fl.com](http://www.pss-fl.com)

ITQ  
No. AV-67323-22-JM  
BID PROTEST

Miami-Dade County  
Clerk of the Board  
111 NW 1st Street, 17<sup>th</sup> FL Ste 202  
Miami, Florida 33128  
T: (305) 375-5126

**REF: ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement**

The purpose of this document is to protest the award recommendation for ITQ No. AV-67323-22-JM issued by Miami-Dade County on 8/25/2022. This protest document makes every effort to conform with the requirements delineated section 1.13 Bid Protest of the General Terms and Conditions. The value of ITQ No. AV-67323-22-JM is valued between \$25,000 and \$250,000. All documents were hand delivered to Clerk of the Board and the County Attorney on 8/30/2022 and sent via certified mail to DCIM Solutions LLC on 8/30/2022.

The basis of our bid protest is the fact that the company recommended for award does not have any type of Contracting license or certification with the state of Florida. A company acting in the capacity of a contractor without being certified or registered is against Florida Law per F.S. 489.531 (1) and as such the bid should be considered non-responsive. Furthermore, this same company was issued a cease-and-desist letter by the Department of Business and Professional Regulations for acting in the capacity of a contractor without the proper licenses. Please refer to attached bid tally sheet, the original ITQ and previously issued cease and desist letter.

**Supporting Documents:**

1. Notice of Intent to Award
2. Cease and Desist letter from April of 2021

We are a certified SBE, locally headquartered that employ Miami-Dade residents which holds all the necessary licenses and corresponding insurances required to perform the work requested including Electrical contracting and Professional Engineer Licenses.

Respectfully,

Roberto Gonzalez, P.E.  
Managing Partner  
Power System Solutions, LLC  
7320 NW 12<sup>th</sup> Street, Unit 113  
Miami, Florida 33126  
T: (305) 676-6465  
F: (305) 901-5591  
[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)  
[www.pss-fl.com](http://www.pss-fl.com)  
"The Critical Power Pros"

FILED FOR RECORD  
2022 AUG 30 PM 12:14  
CLERK OF THE BOARD  
MIAMI-DADE COUNTY



## Roberto Gonzalez

---

**From:** contact@pss-fl.com  
**Sent:** Thursday, August 25, 2022 3:58 PM  
**To:** Manjarres, Juliana (Aviation)  
**Cc:** Clerk of the Board (COC); Garcia, Richard (Aviation); Alvarez, Jorge (Aviation); contact@pss-fl.com  
**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** 98613\_-\_cease and desist letter.pdf

Good Afternoon,

Please be advised that it is our intent to formally protest this Award recommendation since the company recommended does not have any type of Contracting license, furthermore on April of 2021 they were issued the attached cease and desist letter for this same practice of acting in the capacity of a contractor without being certified or registered which is against Florida Law per F.S. 489.531 (1)(A).

We also bring to your attention your own terms which dictates the minimum qualifications:

### 2. Minimum Qualifications

A Bidder or bidder's subcontractor(s) must hold at the time its bid is submitted, a current valid certificate(s)/license(s) from the State of Florida for a Certified Electrical Contractor and a Professional Electrical Engineer, qualifying the Bidder to perform the work contemplated by these Contract Documents. Failure to hold appropriate certificate(s)/license(s) at the time this Bid is submitted shall render the Bid non-responsive.

Having a subcontractor with License does not exempt the primary from having the required Licenses by Law.

Best Regards,

**From:** Manjarres, Juliana (Aviation) <JManjarres@FlyMIA.com>  
**Sent:** Thursday, August 25, 2022 3:18 PM  
**To:** davidf@appind.com; Geoffrey.dopkins@dc-group.com; Kfreitag@criticaleg.com; christian.davis@unifiedpowerusa.com; david@pcsolutions.us; contact@pss-fl.com; charles.pharr@nolanpower.com; michael.hernandez@natpow.com; wjohnson@gps-us.com; dadecounty@graybar.com; ddiaz@ncsworldwide.com; grupoinpower@gmail.com; terry@nstpower.com; Alexander.azcurra@cpsgroupinc.net; johnb@mainserv360.com  
**Cc:** Clerk of the Board (COC) <Clerk.Board@miamidade.gov>; Garcia, Richard (Aviation) <RGarcia@FlyMIA.com>; Alvarez, Jorge (Aviation) <JALVAREZ@FlyMIA.com>  
**Subject:** \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

Juliana Manjarres, CPSM, Airport Purchasing Specialist



**Miami-Dade Aviation Department**

P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

**Connect With Us on:**

[Twitter](#) | [Facebook](#) | [Instagram](#) | [YouTube](#) | [Linkedin](#)







Miami Dade Aviation Department  
P O Box 025504  
Miami, Florida 33102-5504

August 25, 2022

Katherine Freitag  
DCIM Solutions dba/ Critical Environments Group LLC  
104 Maple Leaf Ct.  
Glassboro, NJ 33432

Re: Recommendation for Award for ITQ No. AV-67323-22-JM  
MIA Central Boulevard Signage UPS Replacement

Dear Katherine Freitag,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Invitation to Quote (ITQ) based on the bid submitted on Wednesday August 17<sup>th</sup>, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **\$163,170.92**. This includes your base bid amount of **\$148,337.20**, and a **Contingency** amount of **\$14,833.72**. The contract term is 170 calendar days. The award is contingent upon the following:

1. Per Part IV Section 3 of the ITQ, the Contractor must submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, and Commercial General Liability.
2. Per Part IV Section 4 of the ITQ, the Contractor will be required to furnish Performance and Payment Bond (Attachment 1) attached to this letter, in accordance with the provisions of the Bid Documents. The amount of bond shall be for the Total Maximum Contract Amount **\$163,170.92**.
3. Contractor must sign and submit Non-Collusion Affidavit (Attachment 2) attached to this award letter.
4. **VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)**  
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the





Miami Dade Aviation Department  
P O Box 025504  
Miami, Florida 33102-5504

Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the ITQ project specification. They must be submitted to the Aviation Department within **5 business** days of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or email: [jmanjarres@flymia.com](mailto:jmanjarres@flymia.com)

Thank you,

---

Juliana Manjarres  
Airport Purchasing Specialist



FILED FOR RECORD

2022 AUG 30 PM 12:15



**NOTICE TO CEASE AND DESIST**

Section 455.228(1), Florida Statutes

To: MICHAEL MCCLAIN  
d/b/a: CRITICAL ENVIROMENTS GROUP AKA DCIM SOLUTIONS, LLC  
104 MAPLE LEAF CT  
GRASSBORO, NJ 08028

DBPR Case No. 2021009408

The Department of Business and Professional Regulation ("Department") notifies you that it has probable cause to believe that you may be practicing as a(n) ELECTRICAL CONTRACTOR without the professional license or certification required by Florida law, specifically Chapter 489.531 (1) (A), Florida Statutes. Probable cause is based on the following facts:

On 02/10/2020 (date) at 1015 North America Way (address) in the City of MIAMI, FL, MIAMI-DADE County, Florida, you:

Allegations are supported by documents provided which shows Michael McClain D.B.A. CRITICAL ENVIROMENTS GROUP AKA DCIM SOLUTIONS, LLC placed bids for electrical work at Miami/Dade Fire Rescue, Miami Seaport, and Miami Dade Co. Corrections facility. No license is found in the DBPR records qualifying CRITICAL ENVIROMENTS GROUP AKA DCIM SOLUTIONS, LLC or a license for MICHAEL MCCLAIN.


F.S. 489.531(1) (a) ENGAGING IN THE PRACTICE OR ACTING IN THE CAPACITY OF AN ELECTRICAL CONTRACTOR WITHOUT BEING CERTIFIED OR REGISTERED.

Our records show that you are not currently licensed or certified by the Department as a(n) ELECTRICAL CONTRACTOR and Florida law, Chapter 489.531 (1) (A) requires you to have a license or certification to practice as a(n) ELECTRICAL CONTRACTOR. If the above facts are true, they establish probable cause for the Department to believe you are violating Florida law by practicing a regulated profession without the required license or certification.

This Notice to Cease and Desist is not final agency action by the Department. If you have any questions, please call the Investigator/Inspector at the number listed below. For information on the law, go to www.leg.state.fl.us/statutes. If you are engaged in the practice of unlicensed activity and do not stop your unlicensed practice, the Department can enforce this Notice to Cease and Desist in circuit court by injunction or writ of mandamus.

The Department is giving you this Notice to Cease the practice of ELECTRICAL CONTRACTOR without a license or certification so you can follow the law by applying and qualifying for a license or certification. Information about licensure may be found online at www.MyFloridaLicense.com/DBPR. Pursuant to Section 455.2277 Florida Statutes, the Department shall report any criminal violation of any statute relating to the practice of a profession regulated by the department to the proper prosecuting authority for prompt prosecution. Please govern your future behavior accordingly.

ISSUED this 02 day of April, 2021

  
Kasey Lawson - Inv Spec II  
By: Investigator/Inspector  
Telephone: 305-513-3437  
(Field Office)



**PROOF OF SERVICE OF NOTICE TO CEASE AND DESIST**

Notice to Cease and Desist served on: MICHAEL MCCLAIN  
(Name of Subject)

DATE: April 02, 2021 at

LOCATION: (Personally Served ☐)

Street Address	County	
104 MAPLE LEAF CT, GRASSBORO, NJ 08028	Gloucester	

or, served by ☐ FEDX or ☒ Certified Mail (proof of receipt is attached).

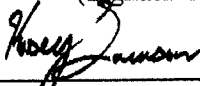
IDENTIFICATION OF SUBJECT: USPS RECEIPT #: 7003 2260 0004 8157 0411

Name:	<b>MICHAEL MCCLAIN</b>
Street Address:	<b>104 MAPLE LEAF CT</b>
City and State:	<b>GRASSBORO, NJ 08028</b>
Telephone Number and / OR E-Mail:	<b>954-360-0601</b>

Date of Birth Month	Day	Year	Race	Sex	Height
				<b>M</b>	

TYPE OF IDENTIFICATION (choose one):

Driver License number and state:	
Social Security number*:	
Passport number and country:	
Resident Alien number (Green Card):	
Employment Authorization number (EAD):	
Other (specify):	
None:	

\_\_\_\_\_  
(Signature of Subject)  
  
\_\_\_\_\_  
(Signature of Investigator/Inspector)

Refused to Sign: ☐

Copy provided to Subject: ☐

**\*Privacy Act Notice:** Disclosure of Social Security numbers is voluntary unless a Federal statute specifically requires disclosure or allows states to collect the number. Section 119.071(5)(a)2.a.(II), Florida Statutes, permits an agency to collect Social Security numbers if it is imperative for the performance of the agency's duties and responsibilities. Notice is hereby provided that it is imperative that the Department collect Social Security numbers in order to carry out its duties and responsibilities under Sections 455.223 and 455.228, Florida Statutes. All Social Security numbers are protected by Federal regulations and are not to be released to unauthorized parties. The Department also uses Social Security numbers for identification purposes and may provide Social Security numbers to law enforcement agencies to enforce criminal laws.



POWER SYSTEM SOLUTIONS LLC

63-8413 57077  
2670

284

DATE 8/30/2022

PAY TO THE  
ORDER OF

Clerk of the Board

\$ 250.00

Two Hundred Fifty Dollars xx/100

DOLLARS



Security Features  
Check on Back

**CHASE**

JPMorgan Chase Bank, N.A.  
www.Chase.com

MEMO

Bid Protest Fee (SBE)

Kubate Kanyla

MP

FILED FOR RECORD

2022 AUG 30 PM 12:17

RECEIVED



# DCIM Vendor Compliance Report





Pre-Award Supplier/Vendor Compliance Checklist	
Supplier/Vendor Name:	DCIM Solutions dba/ Critical Environments Group LLC
Fictitious Name:	
FEIN:	592866646
Contract/Bid/Pool No.:	AV-67323-22-JM Central Blvd. Signage Replacement
Is Supplier/Vendor Registration Application Current?	
NOTE: If vendor is a Bidder, reach out to VOSS to assist with vendor conversion to Supplier.	<b>Suppliers</b>
	Navigation: Finance/Supply Chain (FSCM > Supplier Administration > Maintain Supplier > Maintain Supplier)
Confirm Supplier/Vendor Registration Status	SUPPLIER SUMMARY: -STATUS -OPEN FOR ORDERING
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Confirm Supplier/Vendor DBA Status (if applicable)	Address Tab: -Payment/Withholding Alt Names -Payment Alternate Name (expand)
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Confirm Supplier/Vendor Mail Code Status	Address/Contact Tabs:
	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Does Supplier/Vendor Appear on the Following:	
<u>SBD Certified Firms</u>	Identifying Information Tab: (Interface from B2G) -Additional Reporting Elements
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<u>Debarred Contractors</u>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (DEBARRED)
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<u>Non Performance History</u>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (TBD)
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
Delinquent Contractor Report (not a link)	Navigation: Menu (Top Right Corner)>Navigator>Finance/Supply Chain (FSCM)>Miami-Dade County>Account Receivable> Extensions>Delinquent Contractor RegFinal (do not use link)
	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
Affidavite Tab:	





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Completed Affidavits	Affidavits Tab:	
	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
<b>NOTE: Print Screen of all Affidavits (1-13) and include as part of Compliance Package.</b>		
Local Business and Property Taxes	Identifying Information Tab: -Government Classification -Government Sources Certification Source (LBT) <b>NOTE: Partial information, INFOFMS doesn't provide status (arrests) nor Property Taxes</b>	
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<b>NOTE: Pursuant to Section 2-8.1(c), any property or business taxes due to the County must be paid, as a condition of contract award/paid inclusion. Print Screen of taxes due and inform Supplier/Vendor, Advice Manager, who will consult with CPO for determination of Supplier/Vendor responsibility. Supplier/Vendor affirming Local or Locally Headquartered Preference must have LBT or provide exemption.</b>		
State of Florida Corporations (Sun Biz)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
Compliance Report and/or Workforce Violations (SBO)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Florida Convicted Vendor List	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Suspended Contractors	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Florida Suspended Contractors	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Scrutinized Companies - 287.135.FS	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Scrutinized Companies that Boycott Israel - 215.4725.FS	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
System for Award Management (SAM)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
Google Search	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Comments: N/A	
<b>NOTE: Only Suppliers/Vendors being considered for award or establishment of PAU requiring BCC</b>		
Department of Justice	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Local Certified Veteran Business Enterprise	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
Find E-Verify Participant Employers	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
OSHA Enforcement Inspections	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<b>NOTE: Applicable to Construction Contracts, Master Developer and Design-Build Agreements.</b>		
Prepared By: Juliana Manjarres	Date: 8.19.2022	





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

INFORMS

Supplier Administration

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

SetID MDC  
Supplier ID 000000247  
Supplier Short Name DCIM SOLUT DCIM SOLUT-001  
Supplier Name DCIM SOLUTIONS LLC  
Order DCIM SOLUT-001  
104 MAPLE LEAF CT  
GLASSBORO NJ 07032  
Permit To DCIM SOLUT-001  
PO BOX 28109  
NEW YORK NY 10097-0199  
Status Approved Approval History  
Persistence Regular Last Modified By 624163  
Class/Escrow Outside Party Last modified date 06/22/2021 10:28AM  
HCM Class Created By DANIELS  
Open for Ordering Yes Created Date/Time 05/07/2016 12:00AM  
Withholding Yes Last Activity Date 07/20/2022  
VAT No

Save Return to Search Notify Add Update/Display Include History

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

Supplier Administration

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

SetID MDC  
Supplier ID 000000247  
Supplier Address Search  
Short Supplier Name DCIM SOLUT-001  
Supplier DCIM SOLUTIONS LLC

Supplier Address

Address ID 1  
Description 01 PURCHASE ORDER/ADDRESS

Details

Effective Date 01/01/1991 Effective Status Active

Country USA United States  
Address 1 104 MAPLE LEAF CT  
Address 2  
Address 3  
City GLASSBORO  
County Postm 33432  
State NJ New Jersey  
Email ID KPRBTAG@CRITICALSG.COM

Payment/Withholding Alt Names

Phone Information

Type Location Prefix Telephone Extension

Business Phone

Save Return to Search Notify Add Update/Display Include History

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom





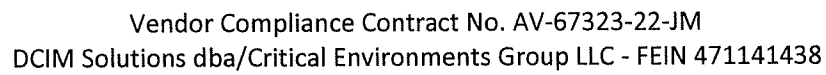
The screenshot shows a web browser window with the URL [https://www.sba.gov/search/keywords/Disadvantaged%20Business%20Enterprise%20\(DBE\)](https://www.sba.gov/search/keywords/Disadvantaged%20Business%20Enterprise%20(DBE)). The page title is "Search Parameters". The search results are displayed in a table with two columns: "CERTIFICATION" and "BUSINESS NAME(S)".

CERTIFICATION	BUSINESS NAME(S)
Airport Consolidative Disadvantaged Business Enterprise (ACDBE) Disadvantaged Business Enterprise (DBE) Local Developing Business (LDB) Small Business Enterprise - Architectural & Engineering (SBE-A&E) Small Business Enterprise - Construction (SBE-CON) Small Business Enterprise - Goods & Services (SBE-G&S)	DCBM

Below the table, there is a section titled "Search Results" with the message: "Your search parameters did not return any matches. Click [Edit Parameters](#) modify the information in the fields above and click [Search Again](#).

[illegible]





miamicounty.gov

Alerts: Clicking System (License Manager - online)

Account: [Name] | Contacts | Templates | Downloads | Reports | Citations | Contact Us | Log Out

Required Violator - Monitor Non-Performance and Violation History

Violator Information

Executive Name:

Doing Business As:

FID#:  Jurisdiction:

Violation History

Violator Name	Violation Date	Office	Department	Status
Name: <input type="text" value="DPM SOLUTIONS LLC"/>	Date: <input type="text" value="4/21/14"/>	Office: <input type="text" value="477141430"/>	Department: <input type="text" value="61"/>	Status: <input checked="" type="checkbox"/> Open <input type="checkbox"/> Closed

Comments:

Save Clear

Non-Performance History Status

☐ Under Non-Performance History

☐ Under 3 months with Miami-Dade County

Save

Non-Performance History List

Bus #	Non-Performance History (yyyy)	Prob	Termination History (yyyy)	Comments
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>

Save Clear

Comments

Save

Delinquent Contractor Registry Final

Supplier Administration

Business Unit  Company Name  Contact Person  FEIN

No matching values were found

Business Unit	Company Name	Principal Name	Company Address	Company FEIN	Item ID	Original Amount	Current Balance	Dept. User Name	Dept. Email	Dept. Phone Number	As Of Date
?											





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Delinquent Contractor RegFinal

Business Unit: [ ] Company Name: [critical] Contact Person: [ ] FEIN: [ ] Search

Company Name: [CRITICAL THREATS, LLC]

Business Unit	Company Name	Principal Name	Company Address	Company FEIN	Item ID	Original Amount	Current Balance	Dept. User Name	Dept. Email	Dept. Phone Number	As Of Date
1											

Notify

## INFORMS Affidavits

Supplier Administration

Summary Identifying Information Address Contacts Location **Affidavits** Additional Information Custom

Affidavit

SetID: MDC  
Supplier ID: 000000247  
Short Supplier Name: DCIM SOLUT-001  
Supplier: DCIM SOLUTIONS LLC

**1. MIAMI-DADE COUNTY OWNERSHIP DISCLOSURE AFFIDAVIT**  
(Sec. 2-5.1 of the Miami-Dade County Code)

Firms registered to do business with Miami-Dade County shall require the person contracting or transacting such business with the County to disclose under oath his or her full legal name and business address. Such contract or transaction shall also require the disclosure under oath of the full legal name and business address of all individuals having any interest (legal, equitable, beneficial or otherwise) in the contract other than subcontractors, material men, suppliers, laborers or lenders. Post office box addresses shall not be accepted hereunder. If the contract or business transaction is with a corporation the foregoing information shall be provided for each officer and director and each stockholder holding, directly or indirectly, five (5) percent or more of the outstanding stock in the corporation. If the contract or business transaction is with a partnership, the foregoing information shall be provided for each partner. If the contract or business transaction is with a trust, the foregoing information shall be provided for the trustee and each beneficiary of the trust. The foregoing disclosure requirements shall not apply to contracts with publicly-traded corporations, or to contracts with the United States or any department or agency thereof, the State or any political subdivision or agency thereof, or any municipality of self-State.

If no officer, director or stockholder owns (5%) or more of stock, you may leave that section empty.

Select Principals or Owners or Other Corporation to enter details

Principals Owners Other Corporations

+Add new Principal

Full Legal Name	Title	Address	Edit
Ernest Cunningham	President	194 Maple Leaf Ct. Glassboro NJ, 08024	

**2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE AFFIDAVIT**  
(County Ordinance no. 90-133, amending Section 2-5-1(d)(2) of the Miami-Dade County Code)

The following information is for compliance with all items in the aforementioned Section:

1. Does your firm have a collective bargaining agreement with its employees?  
☐ Yes ☒ No

2. Does your firm provide paid health benefits for its employees?  
☐ Yes ☒ No





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Supplier Administration

3. Provide a current breakdown (number of persons) in your firm's work force indicating race, national origin and gender.

	Number of Employees	
	Males	Females
White Employee	8	4
Black Employee		
Hispanic Employee	1	
Asian Pacifica Employee		
Native American Employee		
Other Employee		
<b>Total Employee</b>	<b>9</b>	<b>4</b>

**3. MIAMI-DADE COUNTY EMPLOYMENT DRUG-FREE WORKPLACE CERTIFICATION**  
(Section 2-8 1.2(b) of the Miami-Dade County Code)

All persons and entities that contract with Miami-Dade County are required to certify that they will maintain a drug-free workplace and such persons and entities are required to provide notice to employees and to impose sanctions for drug violations occurring in the workplace.

In compliance with Ordinance No. 92-15 of the Code of Miami-Dade County, the above-named firm is providing a drug-free workplace. A written statement to each employee shall inform the employee about:

1. Danger of drug abuse in the workplace.
2. The firm's policy of maintaining a drug-free environment at all workplaces.
3. Availability of drug counseling, rehabilitation and employee assistance programs.
4. Penalties that may be imposed upon employees for drug abuse violations.

The firm shall also require an employee to sign a statement, as a condition of employment that the employee will abide by the terms of the drug-free workplace policy and notify the employer of any criminal drug conviction occurring no later than five (5) days after receiving notice of such conviction and impose appropriate personnel action against the employee up to and including termination. Firms may also comply with the County's Drug-Free Workplace Certification where a person or entity is required to have a drug-free workplace policy by another local, state or federal agency, or maintains such a policy of its own accord and such policy meets the intent of the ordinance.

☒ I, confirm to Affidavit-3

**4. MIAMI-DADE COUNTY DISABILITY AND NON-DISCRIMINATION AFFIDAVIT**  
(Resolution R-102-00 amending Resolution R-105-95)  
(Section 2-8 1.5 of the Miami-Dade County Code)  
Firms transacting business with Miami-Dade County shall provide an affirmation indicating compliance with all requirements of the Americans with Disabilities Act (A.D.A.)

☒ I, state that this firm, is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor shall comply with all applicable requirements of the laws including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (A.D.A.), Pub. L. 101-336, 104 Stat 327, 42 U.S.C Sections 225 and 611 including Titles I, II, III, IV and V.  
The Rehabilitation Act of 1973, 29 U.S.C Section 794  
The Federal Transit Act, as amended, 49 U.S.C. Section 1612  
The Fair Housing Act as amended, 42 U.S.C. Section 3601-3651.

☒ I, hereby affirm that I am in compliance with the below sections:

Section 2-8 1.5 of the Code of Miami-Dade County, which requires that firms that have annual gross revenues in excess of five (5) million dollars have an affirmative action plan and procurement policy. Firms that have a Board of Directors that are representative of the population make-up of the nation may be exempt.

**5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE AFFIDAVIT**  
(Section 10-38 of the Miami-Dade County Code)

Firms wishing to do business with Miami-Dade County must certify that its contractors, subcontractors, officers, principals, stockholders, or affiliates are not debarred by the County before submitting a bid.

☒ I, confirm that none of this firm's agents, officers, principals, stockholders, subcontractors or their affiliates are debarred by Miami-Dade County.

**6. MIAMI-DADE COUNTY VENDOR OBLIGATION TO COUNTY AFFIDAVIT**  
(Section 2-8 1 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that all delinquent and currently due fees, taxes and parking tickets have been paid and no individual or entity in arrears under a contract, promissory note or document with the County shall be allowed to receive any new business.

☒ I, confirm that all delinquent and current due fees or taxes including, but not limited to, real and personal property taxes, convention and tourist development taxes, utility taxes, and Local Business Tax Receipt collected in the normal course by the Miami-Dade County Tax Collector and County issued parking tickets for vehicles registered in the name of the above firm, have been paid.

**7. MIAMI-DADE COUNTY CODE OF BUSINESS ETHICS AFFIDAVIT**  
(Article I, Section 2-9.1(f) of the Code of Miami-Dade County)

A firm seeking to transact business with Miami-Dade County must certify that it has adopted a Code of Business Ethics (Code) which complies with the requirements of Section 2-9.1 of the Code of Miami-Dade County. The Code shall apply to all business that firm/contractor transacts with the County and shall, at a minimum, require the firm/contractor to comply with all applicable governmental rules and regulations.





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Supplier Administration

I certify that this firm has adopted a Code which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County, and that such Code shall apply to all business that this firm/contractor transacts with the County and shall, at a minimum, require this firm/contractor to comply with all applicable governmental rules and regulations.

**8. MIAMI-DADE COUNTY FAMILY LEAVE AFFIDAVIT**  
(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.

Firms with less than the number of employees indicated above are exempt from this requirement.

I confirm that if applicable, this firm complies with Article V of Chapter 11 of the County Code, which requires that firms contracting business with Miami-Dade County which have more than fifty (50) employees, each working day during each of twenty (20) or more work weeks on the current or preceding calendar year are required to certify that they provide family leave to their employees.

**9. MIAMI-DADE COUNTY LIVING WAGE AFFIDAVIT**  
(Section 2-8.9 of the Miami-Dade County Code)

All applicable contractors/employees entering into a contract with the County shall agree to pay the prevailing living wage required by this section of the County Code.

I confirm that if applicable, this firm complies with Section 2-8.9 of the County Code, which requires that all applicable contractors/employees entering into a contract with Miami-Dade County shall pay the prevailing living wage required by the section of the County Code.

**10. MIAMI-DADE COUNTY DOMESTIC LEAVE AND REPORTING AFFIDAVIT**  
(Article 8, Section 11A-59 - 11A-67 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that it is in compliance with the Domestic Leave Ordinance.

I confirm that if applicable, this firm complies with the Domestic Leave Ordinance. This ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during the current or preceding calendar year.

**11. MIAMI-DADE COUNTY E-VERIFY AFFIDAVIT**  
Obligation for State Funded Contracts:

Executive Order 11-116, which supersedes Executive Order 11-02, directs all agencies under the direction of the Governor to verify the employment eligibility of all new agency employees through the U.S. Department of Homeland Security's E-Verify system. Further, agencies are directed to include as a condition of all contracts for the provision of goods or services to the state in excess of nominal value, an express requirement that contractors utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the contractor during the contract term, and an express requirement that contractors include in each subcontract the requirement that subcontractors performing work or providing services pursuant to the state contract utilize the E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

In accordance with Executive Order 11-116, Miami-Dade County requires all vendors doing business with the County who are awarded state-funded contracts to verify employee eligibility using the E-Verify system. It is the responsibility of the awarded vendor to insure compliance with E-Verify requirements (as applicable). To enroll in E-Verify, employers should visit the E-Verify website (<http://dhs.gov/e-verify>) and follow the instructions. The employer must, as usual, retain the I-9 Forms for inspection.

I confirm to E-Verify Affidavit.

**12. MIAMI-DADE COUNTY PAY PARITY AFFIDAVIT**  
(Resolution R-1072-17)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

I, hereby affirm that this firm pledges to pay men and women equal wages for equal work, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements of:

1. The Equal Pay Act of 1963, as amended (29 U.S.C. 206(d));
2. Section 443.07 of the Florida Statutes;
3. Chapter 11A of the Code of Miami-Dade County (§ 11A-1 et seq.);
4. Chapter 22 of the Code of Miami-Dade County (§ 22-1 et seq.);
5. Chapter 8A, Article XIX, of the Code of Miami-Dade County (§ 8A-400 et seq.); and
6. Any other laws prohibiting wage rate discrimination based on sex.

**13. MIAMI-DADE COUNTY SUSPECTED WORKERS' COMPENSATION FRAUD AFFIDAVIT**  
(Resolution No. R-919-16)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

I, hereby affirm that this firm pledges to provide written notice and disclosures to all workers, on how to report any suspected workers' compensation fraud to the State of Florida Bureau of Workers' Compensation Fraud, and as in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements.

**AFFIRMATION**

I, being duly sworn, do attest under penalty of perjury that the entity is in compliance with all requirements outlined in these Miami-Dade County Vendor Affidavits.

I agree, and it is my intent, to sign this record/document by pressing the "I Affirm" button and by electronically submitting this record/document to Miami-Dade County. I understand that my signing and submitting this record/document in this fashion is the legal equivalent of having placed my handwritten signature on the submitted record/document and this affirmation. I understand and agree that by electronically signing and submitting this record/document in this fashion I am affirming to the truth of the information contained therein.

I also attest that I will comply with and keep current all statements given to in the above affidavits and registration application. I will notify the Miami-Dade County Vendor Services Section immediately if any of the statements attested here to are no longer valid.

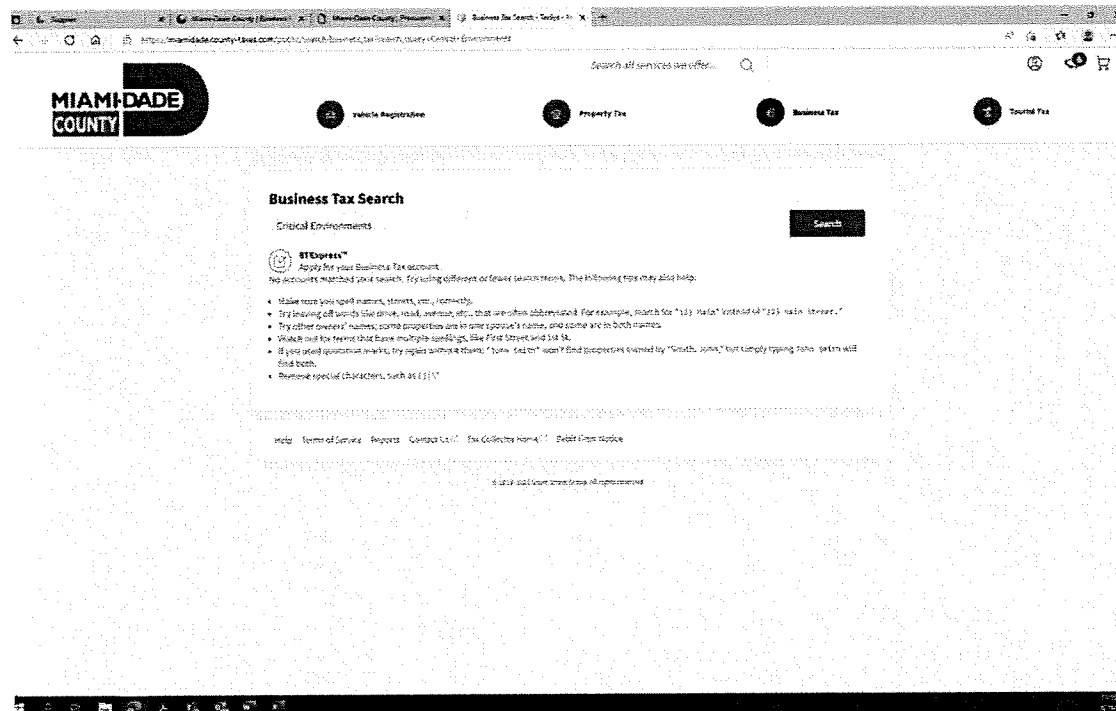
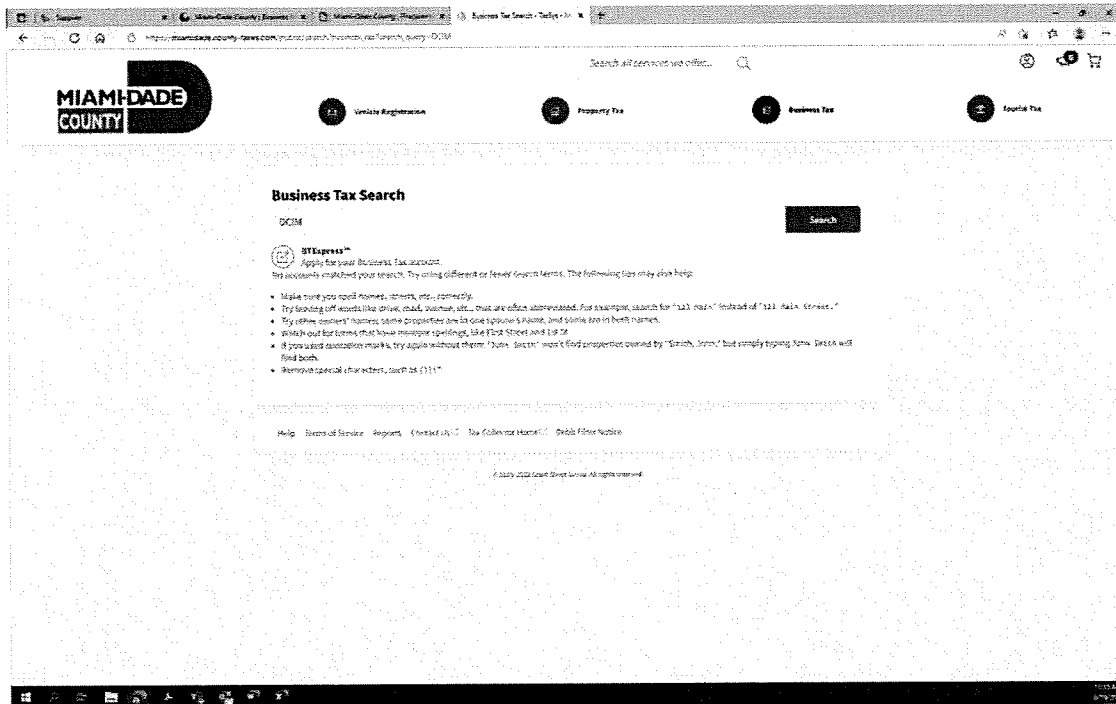
Person Name: Katherine Preitag Title: Service Sales Specialist Date: 05/02/2018

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Address/Information | Custom





## Local Business and Property Taxes











## Florida Convicted Vendor List

https://www.dms.myflorida.com/business\_operations/state\_purchasing/state\_agency\_resources/vendor\_registration\_and\_vendor\_list

DMS CUSTOMER SATISFACTION SURVEY | SITE MAP | CONTACT DMS | MYFLORIDAHOME

Department of MANAGEMENT SERVICES

Business Operations | Workforce Operations | Agency Administration | Other Programs | About Us | Opportunities at DMS

Search  
☐ Search Current Location Only

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Convicted Vendor List

### Convicted Vendor List

The Department of Management Services maintains a "list of the names and addresses of those who have been disqualified from the public contracting and purchasing process" under [section 287.133, Florida Statutes](#).

There are currently no vendors on this list.

State Purchasing  
[State Contracts and Agreements](#)  
[MyFloridaMarketPlace](#)  
[Public Procurement Professional Development](#)  
[Office of Supplier Diversity](#)  
[Approved Drone Manufacturers](#)  
[State Agency Resources](#)  
[Vendor Resources](#)  
[Insurance Contracts](#)  
[Florida Emergency Networks](#)  
[Contact Us](#)

8:26 AM 8/16/2022

## Suspended Contractors

miamidade.gov

Home | Contact Central | Construction | Building Division | Contractors

Error during processing.  
Read error message below and click cancel to go back to Selection Menu.

NAME NOT ON FILE

Cancel

FLORIDA DEPARTMENT OF MANAGEMENT SERVICES | 5000 BAYVIEW BLVD | SUITE 1000 | MIAMI, FL 33133  
Phone: 305-361-6100 | Fax: 305-361-6101 | Email: [info@dms.fl.gov](mailto:info@dms.fl.gov) | Website: [www.dms.fl.gov](http://www.dms.fl.gov)

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7:13 AM 8/16/2022





## Florida Suspended Contractors

**SERVICES**

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Search  
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**State Purchasing**  
[State Contracts and Agreements](#)  
[MyFloridaMarketPlace](#)  
[Public Procurement Professional Development](#)  
[Office of Supplier Diversity](#)  
[Approved Drone Manufacturers](#)  
[State Agency Resources](#)  
[Vendor Resources](#)  
[Insurance Contracts](#)  
[Florida Emergency Networks](#)  
[Contact Us](#)  
[State Purchasing Website](#)  
[Feedback](#)

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Suspended Vendor List

### Suspended Vendor List

The Department of Management Services maintains a list of vendors that have been removed from the Vendor List pursuant to section 287.1351, Florida Statutes.

Vendor Name/Address	Agency of Origin	Effective Date	Notice of Default
Building Maintenance of America, LLC dba Florida Building Maintenance 333 North Falkenburg Road #A117 Tampa, FL 33619	DMS	07/02/14	<a href="#">Notice of Default - Building Maintenance of America, LLC dba Florida Building Maintenance (17) 575.81 KB</a>
Club Tex, Inc. 2025 Broadway, Suite #15G New York, NY 10023	DOC	01/24/19	<a href="#">Notice of Default - Club Tex, Inc. (11) 111.75 KB</a>
Correctional Consultants, LLC P.O. Box 515 Chattahoochee, FL 32324	DOC	12/10/19	<a href="#">Notice of Default - Correctional Consultants, LLC (15) 85.93 KB</a>
iColor Printing and Mailing, Inc. 22873 Lockness Avenue Torrance, CA 90501	DEP	02/20/12	<a href="#">Notice of Default - iColor Printing and Mailing, Inc. (17) 320.17 KB</a>
Visual Image Design Firm, LLC 6845 Narcoossee Road, Suite 59 Orlando, FL 32822	DOH	09/25/15	<a href="#">Notice of Default - Visual Image Design Firm, LLC (15) 1.78 MB</a>

Updated 12/10/19

8:29 AM  
8/16/2022

## Scrutinized Companies – 287.135.FS

3 of 6

Company Name	Country	Country of Incorporation	Initial Appearance on Scrutinized List	Full Sheet Status
ENOC Energy Technology & Services Ltd	Iran	China	June 15, 2021	Yes
ENOC Finance Limited	Iran	China	September 24, 2018	Yes
ENOC Naren Finance	Iran	Canada	October 17, 2017	Yes
ENPC Capital Company Limited	Sudan & Iran	China	June 14, 2017	Yes
ENPC General Capital Ltd	Sudan & Iran	China	June 26, 2012	Yes
ENPC Global Capital Limited	Sudan & Iran	China	December 15, 2020	Yes
ENPC Int Overseas Capital Ltd	Sudan & Iran	China	June 14, 2011	Yes

June 22, 2022  
Page 3

Company Name	Country	Country of Incorporation	Initial Appearance on Scrutinized List	Full Sheet Status
ENPC Finance (BVI) Limited	Iran	China	September 24, 2018	Yes
ENPC Singapore Capital Ltd	Iran	Singapore	December 4, 2018	Yes
ENPC Thacker Group Co Ltd	Sudan	China	March 15, 2008	Yes
Egypt Kuwait Holding Co. SAE	Sudan	Kuwait	January 13, 2009	Yes
Energy House Holding Company	Sudan	Kuwait	July 28, 2009	Yes
Enget Botswana	Sudan & Iran	Botswana	March 24, 2015	Yes

8:39 AM  
8/16/2022





### Scrutinized Companies that Boycott Israel – 215-4725-FS

https://www.sbafla.com/1sb/Portals/FSB/Content/GlobalGovernanceMandates/QuarterlyReports/2022\_06\_22\_2020srae%20scrutinized%20...

1 of 2

**Table 9: Scrutinized Companies that Boycott Israel**  
*(New companies on the list are shaded and in bold. (No companies added this quarter.)*

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Bethleh Invest SA	Luxembourg	August 2, 2016
Bethleh SA	Luxembourg	August 2, 2016
Caritas SA	Luxembourg	August 2, 2016
Co-operative Group Limited	United Kingdom	September 26, 2017
Ecological Ota Opepou Ticaet Ve Pazartans Ltd	Turkey	August 2, 2016
Unilever PLC (Ben & Jerry's parent company)	United Kingdom	July 29, 2021
Hindustan Unilever Ltd	India	July 29, 2021
PT Unilever Indonesia Tbk	Indonesia	July 29, 2021
Unilever Bangladesh Ltd	Bangladesh	July 29, 2021
Unilever Capital Corp (Unilever PLC bond issuance)	United States	July 29, 2021
Unilever Caribbean Ltd	Toronto and Tobago	July 29, 2021
Unilever Eastman Care Ltd	Bangladesh	July 29, 2021
Unilever Cote d'Ivoire	Ivory Coast	July 29, 2021
Unilever Finance Netherlands BV (Unilever PLC bond issuance)	Netherlands	July 29, 2021
Unilever Ghana Ltd	Ghana	July 29, 2021

June 22, 2022  
Page 2

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Unilever Nigeria Plc	Nigeria	July 29, 2021
Unilever Pakistan Foods Ltd	Pakistan	July 29, 2021

8:14 AM  
6/16/2022

### System for Award Management (SAM)

Supplier: Miami-Dade County | Business: Performance & Reporting | SAM.gov | Empty

https://sam.gov/entry/PAJTAHWEKES

Entity Validation Delays: Show Details  
Planned Maintenance Schedule: Show Details

**SAM.GOV**

Home Search Data Bank Data Services Help

Download Follow

**Entity Registration**

Core Data

Business Information

Entity Types

Financial Information

Points of Contact

Assertions

Reps and Certs

Exclusions

Responsibility / Qualification

**DCIM SOLUTIONS, LLC**

Unique Entity ID: PAJTAHWEKES

Registration Status: Active Registration

Expiration Date: Mar 31, 2023

CAGE/HCAGE: 88843

Purpose of Registration: All Awards

Physical Address: 104 Maple Leaf Crt, Glassboro, New Jersey 08038-2844, United States

Mailing Address: 104 Maple Leaf Crt, Glassboro, New Jersey 08038-2844, United States

Version: Current Record

**BUSINESS INFORMATION**

Doing Business As: Critical Environments Group

Division Name: (blank)

UPC: noneCritical.com/0

Division Number: (blank)

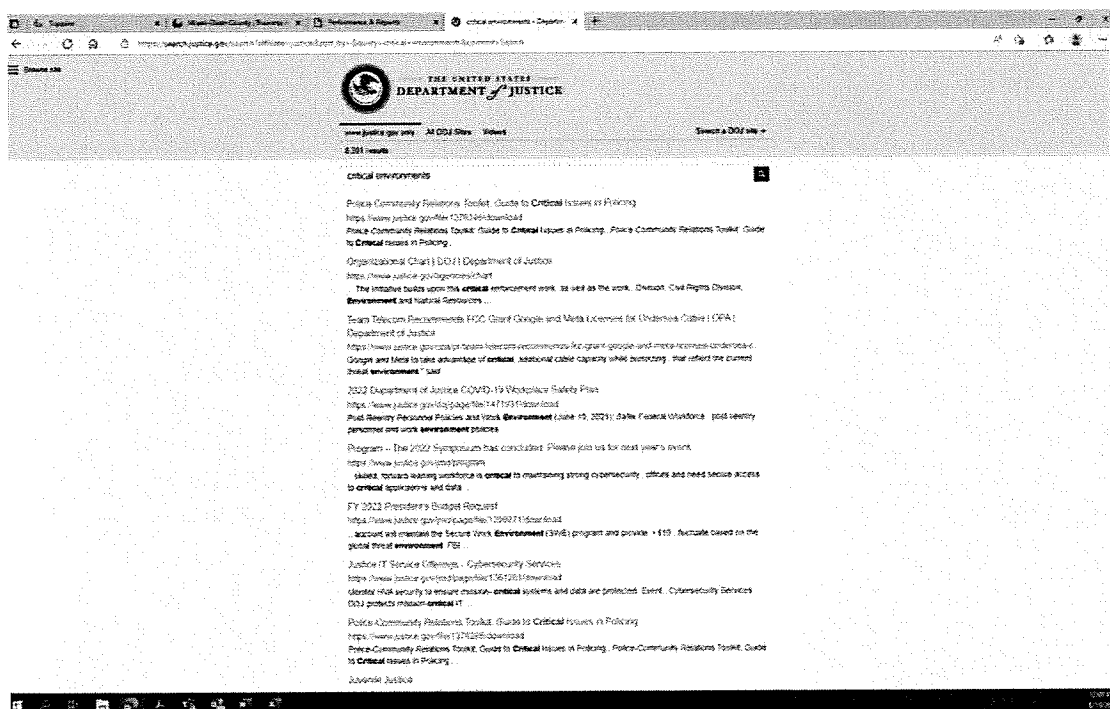
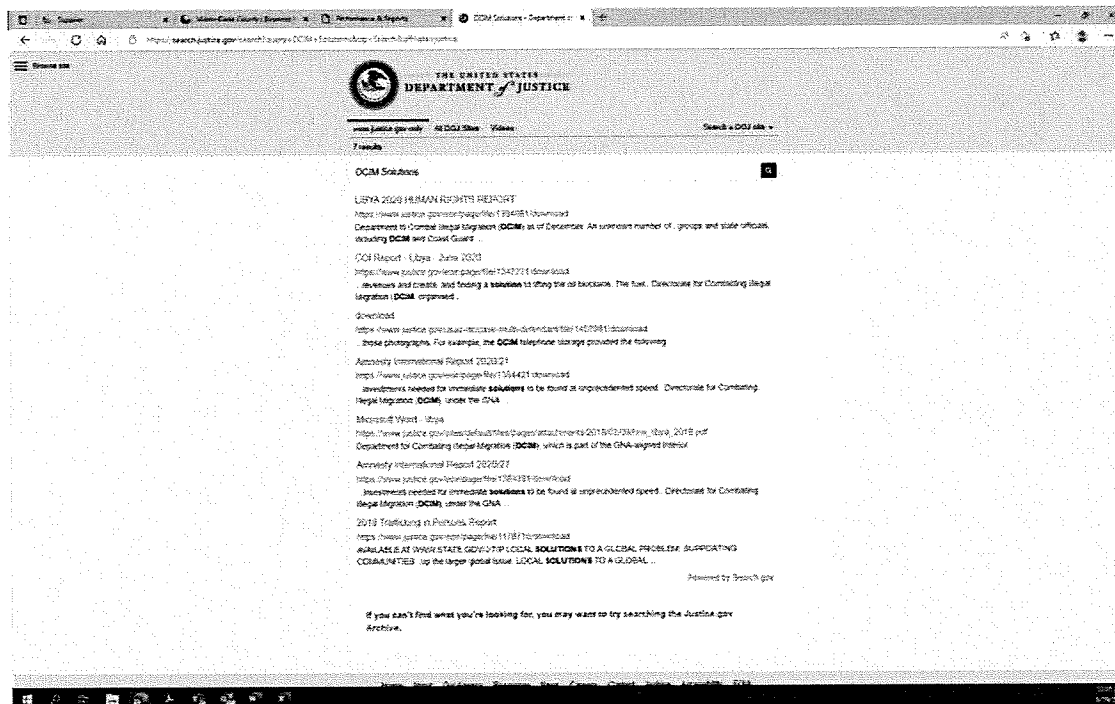
State / Country of Incorporation: Texas, United States

Congressional District: New Jersey 01

Registration Dates



## Department of Justice







### Local Certified Veteran Business Enterprise

Search Results

SHOW: 11 entries

Search

Back to Contact Directory

Name	Contact	Address	City	State	Phone
No data available in table					

Showing 2 to 3 of 6 entries

Previous Next

DMS Home | DMS Home | Contact Contact Directory

### E-Verify

ENROLLING IN E-Verify IS EASY! WANT TO LEARN MORE?

E-Verify ENROLLMENT

Last Updated Date: 10/11/2022

Was this page helpful?

☐ Yes ☐ No

Submit

https://www.e-verify.gov/about-e-verify-verify-data/how-to-find-participating-employers/business-owners/DCIMAdm1\_account/status\_table.html#page=02

Select Industry Type(s)

Hiring Site Location(s) (by state)

Select State(s)

Account Status

- Any -

Items per page

10

SEARCH RESET

Employer	Hiring Business At	Account Status	Date Enrolled	Date Terminated	Workforce Size	Number of Hiring Sites	Hiring Site Location(s) (by state)
DCIM Solutions LLC	Critical Environments Group	Open	07/19/2019		10 to 19	1	NJ

Showing 1 to 1 of 1 entries. [View All](#)





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

OSHA

UNITED STATES  
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

CONTACT US FAQ A TO Z INDEX ENGLISH ESPAÑOL

OSHA STANDARDS ENFORCEMENT TOPICS HELP AND RESOURCES NEWS

SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Alert:** Please read important information below regarding interpreting search results before using.

Search for:

Your search did not return any results.

Establishment: DCIM  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OH and WA)

State: All States Fed & State

OSHA Office: All Offices

SIC Zip Code:

Case Status: All Closed Open

Violation Status: All With Violations Without Violations

Inspection Date:

Start Date: August 19 2017

End Date: August 19 2022

Submit Reset

Can't find it?  
Violated via %  
Basic Establishment Search Instructions  
Advanced Search Syntax

UNITED STATES  
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

CONTACT US FAQ A TO Z INDEX ENGLISH ESPAÑOL

OSHA STANDARDS ENFORCEMENT TOPICS HELP AND RESOURCES NEWS

SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Alert:** Please read important information below regarding interpreting search results before using.

Search for:

Your search did not return any results.

Establishment: critical environments  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OH and WA)

State: All States Fed & State

OSHA Office: All Offices

SIC Zip Code:

Case Status: All Closed Open

Violation Status: All With Violations Without Violations

Inspection Date:

Start Date: August 19 2017

End Date: August 19 2022

Submit Reset

Can't find it?  
Violated via %  
Basic Establishment Search Instructions  
Advanced Search Syntax





Pre-Award Supplier/Vendor Compliance Checklist	
Supplier/Vendor Name:	DCIM Solutions dba/ Critical Environments Group LLC
Fictitious Name:	
FEIN:	592866646
Contract/Bid/Pool No.:	AV-67323-22-JM Central Blvd. Signage Replacement
Is Supplier/Vendor Registration Application Current?	
NOTE: If vendor is a Bidder, reach out to VOSS to assist with vendor conversion to Supplier.	<b>Suppliers</b>
	Navigation: Finance/Supply Chain (FSCM > Supplier Administration > Maintain Supplier > Maintain Supplier
Confirm Supplier/Vendor Registration Status	SUPPLIER SUMMARY: -STATUS -OPEN FOR ORDERING Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Confirm Supplier/Vendor DBA Status (if applicable)	Address Tab: -Payment/Withholding Alt Names -Payment Alternate Name (expand) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Confirm Supplier/Vendor Mail Code Status	Address/Contact Tabs: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Does Supplier/Vendor Appear on the Following:	
<u>SBD Certified Firms</u>	Identifying Information Tab: (Interface from B2G) -Additional Reporting Elements Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<u>Debarred Contractors</u>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (DEBARRED) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<u>Non Performance History</u>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (TBD) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<u>Delinquent Contractor Report (not a link)</u>	Navigation: Menu (Top Right Corner)>Navigator>Finance/Supply Chain (FSCM)>Miami-Dade County>Account Receivable> Extensions>Delinquent Contractor RepFinal (delinquent) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
Affidavite Tab	





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

<u>Completed Affidavits</u>	Affidavits Tab:	
	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
<b>NOTE: Print Screen of all Affidavits (1-13) and include as part of Compliance Package.</b>		
<u>Local Business and Property Taxes</u>	Identifying Information Tab: -Government Classification -Government Sources Certification Source (LBT) <b>NOTE: Partial information, INFORMS doesn't provide status (appears) not Property Taxes</b>	
	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<b>NOTE: Pursuant to Section 2-8.1(c), any property or business taxes due to the County must be paid, as a condition of contract award/paid inclusion. Print Screen of taxes due and inform Supplier/Vendor, Advice Manager, who will consult with CPO for determination of Supplier/Vendor responsibility. Supplier/Vendor affirming Local or Locally Headquartered Preference must have LBT or provide exemption.</b>		
<u>State of Florida Corporations (Sun Biz)</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
<u>Compliance Report and/or Workforce Violations (SBO)</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Florida Convicted Vendor List</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Suspended Contractors</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Florida Suspended Contractors</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Scrutinized Companies - 287.135, FS</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Scrutinized Companies that Boycott Israel - 215.4725, FS</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>System for Award Management (SAM)</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
<u>Google Search</u>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Comments: N/A	
<b>NOTE: Only Supplier/Vendor being considered for award or establishment of PAU requiring BCC</b>		
<u>Department of Justice</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Local Certified Veteran Business Enterprise</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<u>Find E-Verify Participant Employers</u>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
	Comments:	
<u>OSHA Enforcement Inspections</u>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
	Comments:	
<b>NOTE: Applicable to Construction Contracts, Master Developer and Design-Build Agreements.</b>		
<b>Prepared By:</b> Juliana Manjarres	<b>Date:</b> 8.19.2022	





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

INFORMS

Supplier Administration

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

Seed: MDG  
Supplier ID: 000000247  
Supplier Short Name: DCIM SOLUT DCIM SOLUT-001  
Supplier Name: DCIM SOLUTIONS LLC  
Order: DCIM SOLUT-001  
104 MAPLE LEAF CT  
GLASSBORO, NJ 08432  
Remit To: DCIM SOLUT-001  
PO BOX 28109  
NEW YORK, NY 10087-4199  
Status: Approved Approval History  
Persistence: Regular  
Class/Location: Outside Party  
HCM Class  
Open for Ordering: Yes  
Withholding: Yes  
VAT: No  
Last Modified By: 624763  
Last modified date: 06/23/2021 10:26AM  
Created By: DANIELS  
Created Date/Time: 06/07/2018 12:05AM  
Last Activity Date: 07/20/2022

Save Return to Search Notify Add Update/Display Include History

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

Supplier Administration

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom

Seed: MDG  
Supplier ID: 000000247  
Supplier Address Search  
Short Supplier Name: DCIM SOLUT-001  
Supplier: DCIM SOLUTIONS LLC

Supplier Address

Address ID: 1  
Description: 01 PURCHASE ORDER ADDRESS

Details

Effective Date: 01/01/1901 Effective Status: Active

Country: USA United States  
Address 1: 104 MAPLE LEAF CT  
Address 2:  
Address 3:  
City: GLASSBORO  
County: New Jersey  
State: NJ  
Postal: 08432  
Email ID: KFRBTAG@CRITICALLEG.COM  
Payment/Withholding Alt Names

Phone Information

Type	Location	Prefix	Telephone	Extension
Business Phone				

Save Return to Search Notify Add Update/Display Include History

Summary Identifying Information Address Contacts Location Affiliates Additional Information Custom



### SBD Certified Firms

Search Parameters

CERTIFICATION

Airport Construction Disadvantaged Business Enterprise (ACDNE)  
 Disadvantaged Business Enterprise (DBE)  
 Local Developing Business (LDB)  
 Small Business Enterprise - Architectural & Engineering (SBE-A&E)  
 Small Business Enterprise - Construction (SBE-CON)  
 Small Business Enterprise - Goods & Services (SBE-G&S)

BUSINESS TYPE

DCM

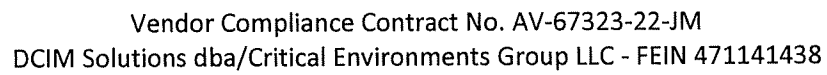
Search Results

Your search parameters did not return any results. Click [Edit Parameters](#) to modify information in the filter above and click [Search Again](#).

### Debarred Contractors

[illegible]



[illegible][illegible]





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Delinquent Contractor RegFinal

Business Unit:  Company Name:  Contact Person:  FEIN:  Search

Company Name:

CRITICAL THINKING, LLC

Business Unit	Company Name	Principal Name	Company Address	Company FEIN	Item ID	Original Amount	Current Balance	Dept. User Name	Dept. Email	Dept. Phone Number	As Of Date
1											

Notify

## INFORMS Affidavits

Supplier Administration

Summary | Identifying Information | Address | Contacts | Location | **Affidavits** | Additional Information | Custom

Artidavit

SetID: MDC  
Supplier ID: 000000247  
Short Supplier Name: DCIM SOLUTIONS  
Supplier: DCIM SOLUTIONS LLC

**1. MIAMI-DADE COUNTY OWNERSHIP DISCLOSURE AFFIDAVIT**  
(Sec. 2-6.1 of the Miami-Dade County Code)

Firms registered to do business with Miami-Dade County shall require the person contracting or transacting such business with the County to disclose under oath his or her full legal name, and business address. Such contract or transaction shall also require the disclosure under oath of the full legal name and business address of all individuals having any interest (legal, equitable, beneficial or otherwise) in the contract or business transaction, including all subcontractors, material men, suppliers, laborers or lenders. Post office box addresses shall not be accepted hereunder. If the contract or business transaction is with a corporation the foregoing information shall be provided for each officer and director and each stockholder owning, directly or indirectly, five (5) percent or more of the outstanding stock in the corporation. If the contract or business transaction is with a partnership, the foregoing information shall be provided for each partner. If the contract or business transaction is with a trust, the foregoing information shall be provided for the trustee and each beneficiary of the trust. The foregoing disclosure requirements shall not apply to contracts with publicly-traded corporations, or to contracts with the United States or any department or agency thereof, the State or any political subdivision or agency thereof, or any municipality or self-State.

If no officer, director or stockholder owns (5%) or more of stock, you may leave that section empty.

Select Principals or Owners or Other Corporation to enter details.

Principals Owners Other Corporations

+Add new Principal

Full Legal Name	Title	Address	Edit
1 Ernest Cunningham	President	104 Maple Leaf Ct. Glassboro NJ 08028	

**2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE AFFIDAVIT**  
(County Ordinance no. 90-133, amending Section 2-8-1(d)(2) of the Miami-Dade County Code)

The following information is for compliance with all items in the aforementioned Section:

1. Does your firm have a collective bargaining agreement with its employees?  
Yes No

2. Does your firm provide paid health benefits for its employees?  
Yes No





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Supplier Administration

3. Provide a current breakdown (number of persons) in your firm's work force indicating race, national origin and gender.

	Number of Employees	
	Males	Females
White Employee	8	4
Black Employee		
Hispanic Employee	1	
Asian Pacific Employee		
Native American Employee		
Other Employee		
<b>Total Employee</b>	<b>9</b>	<b>4</b>

**3. MIAMI-DADE COUNTY EMPLOYMENT DRUG-FREE WORKPLACE CERTIFICATION**  
(Section 2-8.1.2(b) of the Miami-Dade County Code)

All persons and entities that contract with Miami-Dade County are required to certify that they will maintain a drug-free workplace and such persons and entities are required to provide notice to employees and to impose sanctions for drug violations occurring in the workplace.

In compliance with Ordinance No. 92-15 of the Code of Miami-Dade County, the above-named firm is providing a drug-free workplace. A written statement to each employee shall inform the employee about:

1. Danger of drug abuse in the workplace.
2. The firm's policy of maintaining a drug-free environment at all workplaces.
3. Availability of drug counseling, rehabilitation and employee assistance programs.
4. Penalties that may be imposed upon employees for drug abuse violations.

The firm shall also require an employee to sign a statement, as a condition of employment that the employee will abide by the terms of the drug-free workplace policy and notify the employer of any criminal drug conviction occurring no later than five (5) days after receiving notice of such conviction and impose appropriate personnel action against the employee up to and including termination. Firms may also comply with the County's Drug-free Workplace Certification where a person or entity is required to have a drug-free workplace policy by another local, state or federal agency, or maintains such a policy of its own accord and such policy meets the intent of the ordinance.

☒ I, confirm to Affidavit-3

**4. MIAMI-DADE COUNTY DISABILITY AND NON-DISCRIMINATION AFFIDAVIT**  
(Resolution R-182-00 amending Resolution R-365-95)  
(Section 2-8.1.5 of the Miami-Dade County Code)  
Firms transacting business with Miami-Dade County shall provide an affirmation indicating compliance with all requirements of the Americans with Disabilities Act (A.D.A.).

☒ I, state that this firm, is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor shall comply with all applicable requirements of the laws including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (A.D.A.), Pub. L. 101-336, 104 Stat 327, 42 U.S.C Sections 225 and 611 including Titles I, II, III, IV and V.  
The Rehabilitation Act of 1973, 29 U.S.C Section 794  
The Federal Transit Act, as amended, 49 U.S.C. Section 1812  
The Fair Housing Act as amended, 42 U.S.C. Section 3601-3651.

☒ I, hereby affirm that I am in compliance with the below sections

Section 2-8.1.5 of the Code of Miami-Dade County, which requires that firms that have annual gross revenues in excess of five (5) million dollars have an affirmative action plan and procurement policy. Firms that have a Board of Directors that are representative of the population make-up of the nation may be exempt.

**5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE AFFIDAVIT**  
(Section 10-36 of the Miami-Dade County Code)

Firms wishing to do business with Miami-Dade County must certify that its contractors, subcontractors, officers, principals, stockholders, or affiliates are not debarred by the County before submitting a bid.

☒ I, confirm that none of this firm's agents, officers, principals, stockholders, subcontractors or their affiliates are debarred by Miami-Dade County.

**6. MIAMI-DADE COUNTY VENDOR OBLIGATION TO COUNTY AFFIDAVIT**  
(Section 2-8.1 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that all delinquent and currently due fees, taxes and parking tickets have been paid and no individual or entity in arrears under a contract, promissory note or document with the County shall be allowed to receive any new business.

☒ I, confirm that all delinquent and current due fees or taxes including, but not limited to, real and personal property taxes, convention and tourist development taxes, utility taxes, and Local Business Tax Receipt collected in the normal course by the Miami-Dade County Tax Collector and County issued parking tickets for vehicles registered in the name of the above firm, have been paid.

**7. MIAMI-DADE COUNTY CODE OF BUSINESS ETHICS AFFIDAVIT**  
(Article I, Section 2-9.1(f) of the Code of Miami-Dade County)

A firm seeking to transact business with Miami-Dade County must certify that it has adopted a Code of Business Ethics (Code) which complies with the requirements of Section 2-9.1 of the Code of Miami-Dade County. The Code shall apply to all business that firm/contractor transacts with the County and shall, at a minimum, require the firm/contractor to comply with all applicable governmental rules and regulations.



Supplier Administration

I certify that this firm has adopted a Code which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County, and that such Code shall apply to all business that this firm contractor transacts with the County and shall, at a minimum, require this firm contractor to comply with all applicable governmental rules and regulations.

**8. MIAMI-DADE COUNTY FAMILY LEAVE AFFIDAVIT**  
(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.

Firms with less than the number of employees indicated above are exempt from this requirement.

I confirm that if applicable, this firm complies with Article V of Chapter 11 of the County Code, which requires that firms contracting business with Miami-Dade County which have more than fifty (50) employees each working day during each of twenty (20) or more work weeks in the current or preceding calendar year are required to certify that they provide family leave to their employees.

**9. MIAMI-DADE COUNTY LIVING WAGE AFFIDAVIT**  
(Section 2-8.9 of the Miami-Dade County Code)

All applicable contractors/employees entering into a contract with the County shall agree to pay the prevailing living wage required by this section of the County Code.

I confirm that if applicable, this firm complies with Section 2-8.9 of the County Code, which requires that all applicable contractors/employees entering into a contract with Miami-Dade County shall pay the prevailing living wage required by the section of the County Code.

**10. MIAMI-DADE COUNTY DOMESTIC LEAVE AND REPORTING AFFIDAVIT**  
(Article 8, Section 11A-60 – 11A-67 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that it is in compliance with the Domestic Leave Ordinance.

I confirm that if applicable, this firm complies with the Domestic Leave Ordinance. This ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during the current or preceding calendar year.

**11. MIAMI-DADE COUNTY E-VERIFY AFFIDAVIT**  
(Obligation for State Funded Contracts)

Executive Order 11-116, which supersedes Executive Order 11-02, directs all agencies under the direction of the Governor to verify the employment eligibility of all new agency employees through the U.S. Department of Homeland Security's E-Verify system. Further, agencies are directed to include as a condition of all contracts for the provision of goods or services to the state in excess of nominal value, an express requirement that contractors utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the contractor during the contract term, and an express requirement that contractors include in their subcontractors the requirement that subcontractors performing work or providing services pursuant to the state contract utilize the E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

In accordance with Executive Order 11-116, Miami-Dade County requires all vendors doing business with the County who are awarded state-funded contracts to verify employee eligibility using the E-Verify system. It is the responsibility of the awarded vendor to ensure compliance with E-Verify requirements (as applicable). To enroll in E-Verify, employers should visit the E-Verify website (<http://www.dhs.gov/e-verify>) and follow the instructions. The employer must, as usual, retain the I-9 Forms for inspection.

I confirm to E-Verify Affidavit.

**12. MIAMI-DADE COUNTY PAY PARITY AFFIDAVIT**  
(Resolution R-1072-17)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

I, hereby affirm that this firm pledges to pay men and women equal wages for equal work, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements of:

- The Equal Pay Act of 1963, as amended (29 U.S.C. 206(d));
- Section 448.07 of the Florida Statutes;
- Chapter 11A of the Code of Miami-Dade County (§ 11A-1 et seq.);
- Chapter 22 of the Code of Miami-Dade County (§ 22-1 et seq.);
- Chapter 8A, Article XIX, of the Code of Miami-Dade County (§ 8A-400 et seq.); and
- Any other laws prohibiting wage rate discrimination based on sex.

**13. MIAMI-DADE COUNTY SUSPECTED WORKERS' COMPENSATION FRAUD AFFIDAVIT**  
(Resolution No. R-919-18)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

I, hereby affirm that this firm pledges to provide written notice and disclosures to all workers, on how to report any suspected workers' compensation fraud to the State of Florida Bureau of Workers' Compensation Fraud, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements.

**AFFIRMATION**

I, being duly sworn, do attest under penalty of perjury that the entity is in compliance with all requirements outlined in these Miami-Dade County Vendor Affidavits.

I agree, and it is my intent, to sign this record/document by pressing the "I Affirm" button and by electronically submitting this record/document to Miami-Dade County. I understand that my signing and submitting this record/document in this fashion is the legal equivalent of having placed my handwritten signature on the submitted record/document and this affirmation. I understand and agree that by electronically signing and submitting this record/document in this fashion I am affirming to the truth of the information contained therein.

I also attest that I will comply with and keep current all statements sworn to in the above affidavits and registration application. I will notify the Miami-Dade County Vendor Services Section immediately if any of the statements attested here to are no longer valid.

Person Name: Katherine Prestay Title: Service Sales Specialist Date: 05/02/2018

I Affirm

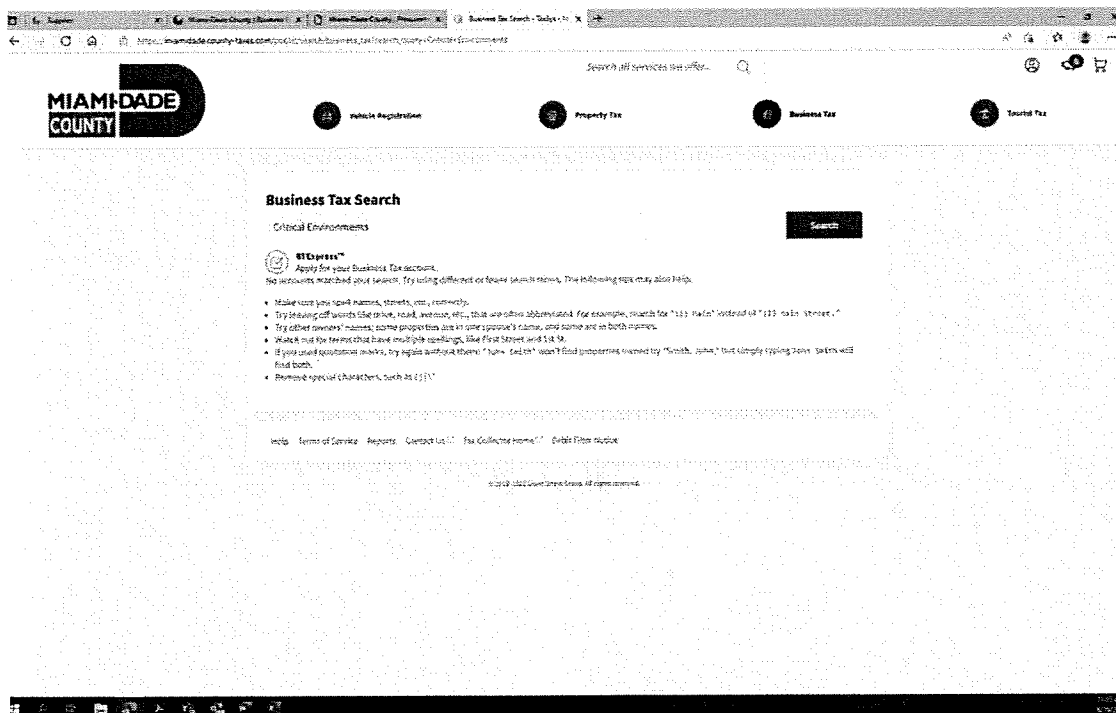
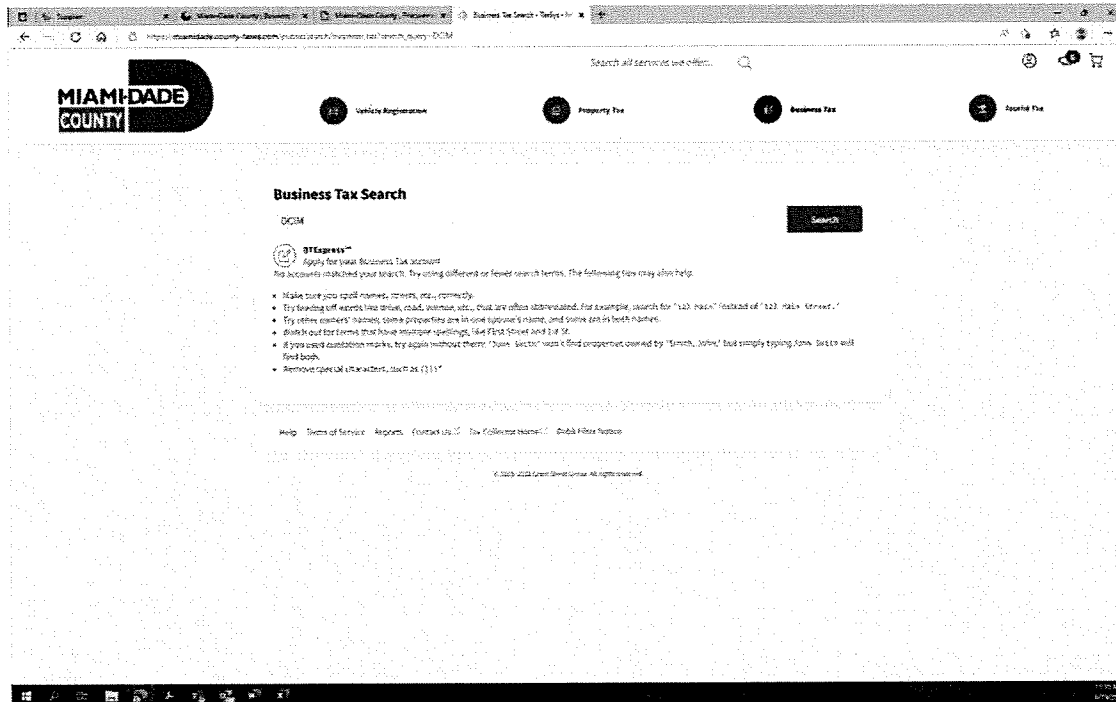
Save Return to Search Notify Add Update/Display Include History

Summary: Identifying Information Address Contacts Location Affidavits Additional Information: Outlets





## Local Business and Property Taxes











## Florida Convicted Vendor List

The screenshot shows the Florida Department of Management Services (DMS) website. The header includes the DMS logo, navigation links (Business Operations, Workforce Operations, Agency Administration, Other Programs, About Us, Opportunities at DMS), and social media icons. A search bar is visible on the left. The main content area displays the breadcrumb trail: Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Convicted Vendor List. Below this, the text states: "The Department of Management Services maintains a 'list of the names and addresses of those who have been disqualified from the public contracting and purchasing process' under section 287.133, Florida Statutes." A message below reads: "There are currently no vendors on this list." The left sidebar contains links to various DMS resources like State Contracts and Agreements, MyFloridaMarketPlace, Public Procurement Professional Development, Office of Supplier Diversity, Approved Drone Manufacturers, State Agency Resources, Vendor Resources, Insurance Contracts, and Florida Emergency Networks.

## Suspended Contractors

The screenshot shows the Miami-Dade County website with a navigation bar and a main content area. The main content area displays an error message: "Error during processing. Read more message below and click reset to go back to Selection Menu." Below the error message, there is a button labeled "Reset". The footer of the page includes the text: "© 2023 Miami-Dade County. All rights reserved."





## Florida Suspended Contractors

SEARCH SERVICES

Business Operations Workforce Operations Agency Administration Other Programs About Us Opportunities at DMS

Search  
☐ Search Current Location Only

State Purchasing  
State Contracts and Agreements  
MyFloridaMarketPlace  
Public Procurement Professional Development  
Office of Supplier Diversity  
Approved Drone Manufacturers  
State Agency Resources  
Vendor Resources  
Insurance Contracts  
Florida Emergency Networks  
Contact Us  
State Purchasing Website  
Feedback

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Suspended Vendor List

### Suspended Vendor List

The Department of Management Services maintains a list of vendors that have been removed from the Vendor List pursuant to section 287.1351, Florida Statutes.

Vendor Name/Address	Agency of Origin	Effective Date	Notice of Default
Building Maintenance of America, LLC d/b/a Florida Building Maintenance 333 North Falkenburg Road #A117 Tampa, FL 33619	DMS	07/02/14	<a href="#">Notice of Default - Building Maintenance of America, LLC d/b/a Florida Building Maintenance (111.75 KB)</a>
Club Tex, Inc. 2025 Broadway, Suite #15G New York, NY 10023	DOC	01/24/19	<a href="#">Notice of Default - Club Tex, Inc. (111.75 KB)</a>
Correctional Consultants, LLC P.O. Box 515 Chattahoochee, FL 32324	DOC	12/10/19	<a href="#">Notice of Default - Correctional Consultants, LLC (85.95 KB)</a>
iColor Printing and Mailing, Inc. 22873 Lockness Avenue Torrance, CA 90501	DEP	02/20/12	<a href="#">Notice of Default - iColor Printing and Mailing, Inc. (320.17 KB)</a>
Visual Image Design Firm, LLC 6845 Narcoossee Road, Suite 59 Orlando, FL 32822	DOH	09/25/15	<a href="#">Notice of Default - Visual Image Design Firm, LLC (1.78 MB)</a>

Updated 12/10/19

## Scrutinized Companies – 287.135.FS

1 of 6

Company Name	Country of Origin	Country of Incorporation	Initial Appearance on Scrutinized List	Full Effectiveness
CNOOC Curtin Funding Inc I Pte Ltd	Iran	Australia	October 17, 2017	Yes
CNOOC Energy Technology & Services Ltd	Iran	China	June 15, 2021	Yes
CNOOC Finance Limited	Iran	China	September 24, 2018	Yes
CNOOC Renren Finance	Iran	Canada	October 17, 2017	Yes
CNPC Capital Company Limited	Sudan & Iran	China	June 14, 2017	Yes
CNPC General Capital Ltd	Sudan & Iran	China	June 16, 2012	Yes
CNPC Global Capital Limited	Sudan & Iran	China	December 15, 2020	Yes
CNPC HK Overseas Capital Ltd	Sudan & Iran	China	June 16, 2011	Yes

June 22, 2022  
Page 3

Company Name	Country of Origin	Country of Incorporation	Initial Appearance on Scrutinized List	Full Effectiveness
CDSL Finance (BVI) Limited	Iran	China	September 24, 2018	Yes
CDSL Singapore Capital Ltd	Iran	Singapore	December 4, 2018	Yes
Sheng Hui Group Co Ltd	Sudan	China	March 25, 2008	Yes
Egypt Kuwait Holding Co. S.A.	Sudan	Kuwait	January 11, 2009	Yes
Energy House Holding Company	Sudan	Kuwait	July 28, 2009	Yes
Engert Botswana	Sudan & Iran	Botswana	March 24, 2015	Yes





### Scrutinized Companies that Boycott Israel – 215-4725-FS

https://www.sbafla.com/fsb/Portals/FSB/Content/GlobalGovernanceMandates/QuarterlyReports/2022\_06\_22\_%20Israel%20Scrutinized%20

Table 9: **Scrutinized Companies that Boycott Israel**  
*New companies on the list are shaded and in bold. (No companies added this quarter.)*

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Betshah Invest SA	Luxembourg	August 2, 2016
Betshah SA	Luxembourg	August 2, 2016
Cactus SA	Luxembourg	August 2, 2016
Co-operative Group Limited	United Kingdom	September 26, 2017
Guloguz On Depouu Ficaret Yn Pazarlama Ltd	Turkey	August 2, 2016
Unilever PLC (Ben & Jerry's parent company)	United Kingdom	July 29, 2021
Hindustan Unilever Ltd	India	July 29, 2021
PT Unilever Indonesia Tbk	Indonesia	July 29, 2021
Unilever Bangladesh Ltd	Bangladesh	July 29, 2021
Unilever Capital Corp (Unilever PLC bond issuance)	United States	July 29, 2021
Unilever Caribbean Ltd	Trinidad and Tobago	July 29, 2021
Unilever Consumer Care Ltd	Bangladesh	July 29, 2021
Unilever Côte d'Ivoire	Ivory Coast	July 29, 2021
Unilever Finance Netherlands BV (Unilever PLC bond issuance)	Netherlands	July 29, 2021
Unilever Ghana Ltd	Ghana	July 29, 2021

June 22, 2022  
Page 2

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Unilever Nigeria Plc	Nigeria	July 29, 2021
Unilever Bangladesh Foods Ltd	Bangladesh	July 29, 2021

8:34 AM  
8/16/2022

### System for Award Management (SAM)

Entity Validation Delays Show Details  
Jul 6, 2022

Planned Maintenance Schedule Show Details  
Apr 3, 2022

**SAM.GOV**

Home Search Data Bank Data Services Help

Download Follow

**Entity Registration**

Core Data

Business Information

Entity Types

Financial Information

Points of Contact

Assertions

Regs and Certs

Exclusions

Responsibility / Qualification

**DCIM SOLUTIONS, LLC**

Unique Entity ID  
PU1A1W5E1E5

Registration Status  
Active Registration

Expiration Date  
Mar 31, 2023

CAGE CODE  
869M3

Purpose of Registration  
All Awards

Physical Address  
104 Maple Leaf Crt  
Glassboro, New Jersey  
08028-1644, United States

Mailing Address  
104 Maple Leaf Crt  
Glassboro, New Jersey  
08028-1644, United States

Version  
Current Record

**BUSINESS INFORMATION**

Doing Business As  
Critical Environments Group

Division Name  
(blank)

UPA  
www.criticalenvironments.com

Division Number  
(blank)

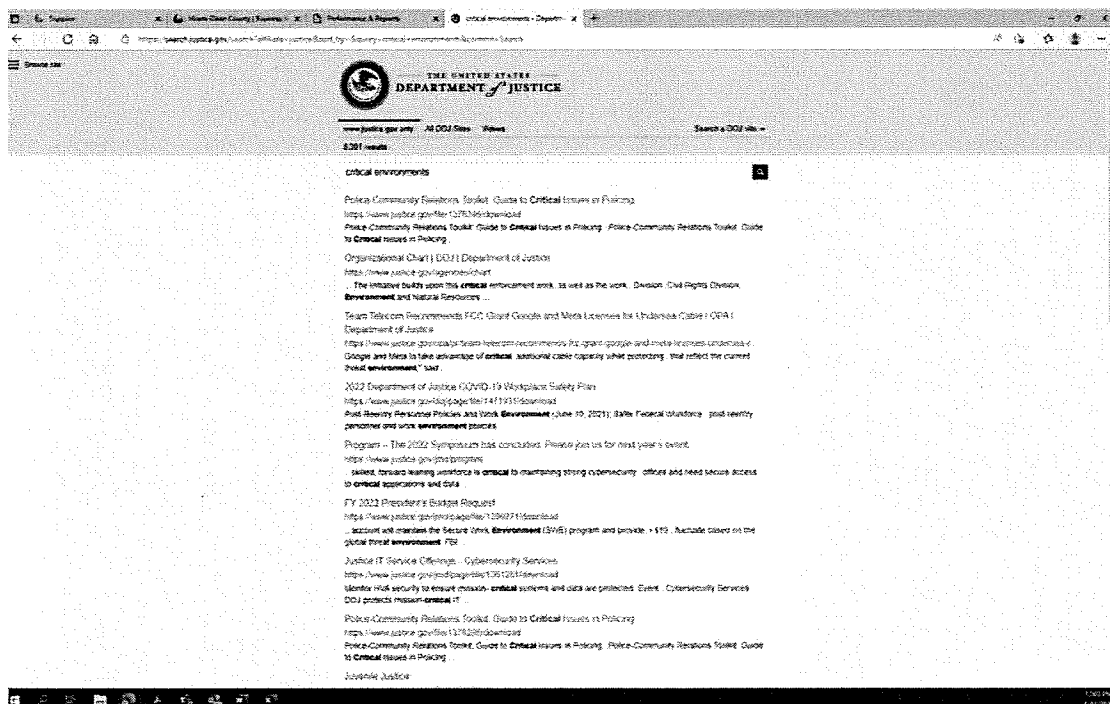
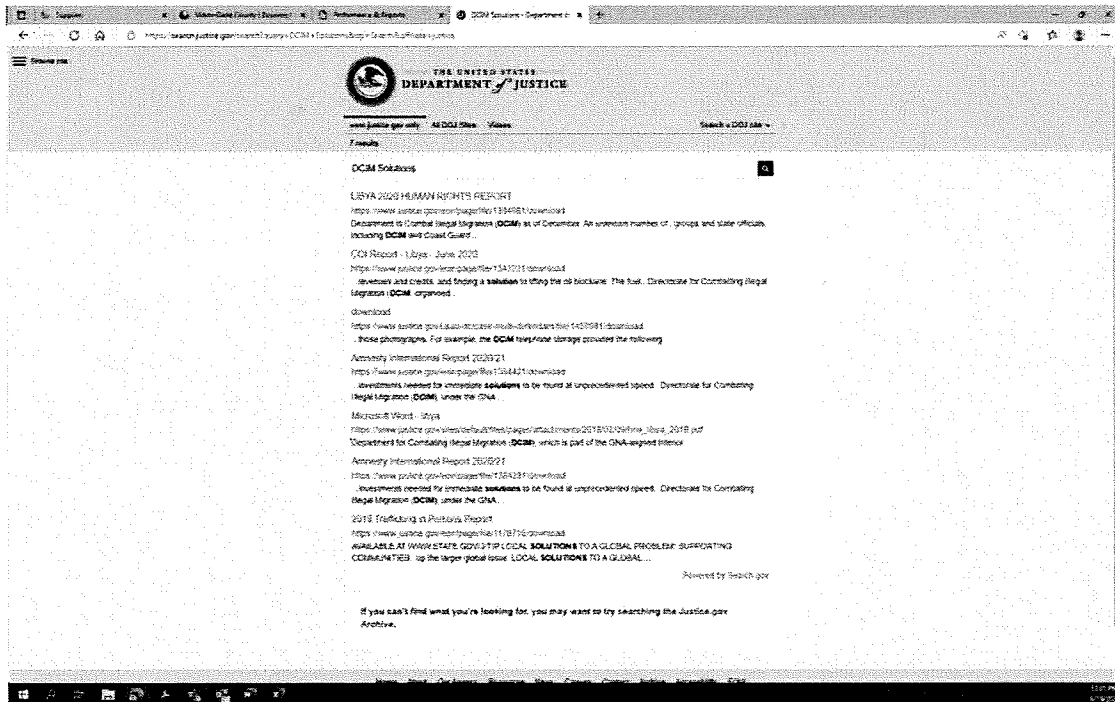
State / Country of Incorporation  
Texas, United States

Congressional District  
New Jersey 03

Registration Dates



Department of Justice







Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

Local Certified Veteran Business Enterprise

Search Results

Show: 1 entries

Search

Name	Contact	Address	City	State	Phone
No data available in table					

Showing 0 of 0 entries

Previous Next

DCIM Home | CBO Home | Certified Vendor Directory

E-Verify

How To Find Participating Emps.

Select Industry Type

Hiring Site Locations (by state)

Select State(s)

Account Status

- Any -

Items per page

10

SEARCH RESET

Employee	Hiring Business As	Account Status	Date Created	Date Terminated	Workforce Size	Number of Hiring Sites	Hiring Site Locations (by state)
DCIM Solutions LLC	Critical Environments Group	Open	07/19/2019		10 to 29	1	NJ

Showing 1 of 1 entries

ENROLLING IN E-Verify IS EASY! WANT TO LEARN MORE?

E-Verify ENROLLMENT

Last Updated/Down: 04/01/2022

Was this page helpful?

☐ Yes ☐ No

Submit





Vendor Compliance Contract No. AV-67323-22-JM  
DCIM Solutions dba/Critical Environments Group LLC - FEIN 471141438

OSHA

UNITED STATES  
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

OSHA STANDARDS ENFORCEMENT TOPICS HELP AND RESOURCES NEWS

SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Note:** Please read important information below regarding interpreting search results before using.

Search for:

Your search did not return any results.

Establishment: DCIM  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, HI, OR and WA)

State: All States Fed & State

OSHA Office: All Offices

Site Zip Code:

Case Status: All Closed Open

Violation Status: All With Violations Without Violations

Inspection Date:

Start Date: August 19 2017

End Date: August 19 2022

Submit Reset

Click here if you want to use the Basic Establishment Search Instructions  
Click here if you want to use the Advanced Search Syntax

UNITED STATES  
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

OSHA STANDARDS ENFORCEMENT TOPICS HELP AND RESOURCES NEWS

SEARCH OSHA

### Establishment Search

Reflects inspection data through 08/17/2022

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Note:** Please read important information below regarding interpreting search results before using.

Search for:

Your search did not return any results.

Establishment: Critical environments  
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, HI, OR and WA)

State: All States Fed & State

OSHA Office: All Offices

Site Zip Code:

Case Status: All Closed Open

Violation Status: All With Violations Without Violations

Inspection Date:

Start Date: August 19 2017

End Date: August 19 2022

Submit Reset

Click here if you want to use the Basic Establishment Search Instructions  
Click here if you want to use the Advanced Search Syntax



## Manjarres, Juliana (Aviation)

---

**From:** Mike McClain <mmclain@criticaleg.com>  
**Sent:** Wednesday, December 28, 2022 9:06 PM  
**To:** Manjarres, Juliana (Aviation)  
**Cc:** Clerk of the Board (COC); katy Freitag  
**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

Juliana,

Per your request, due to the delays previous discussed in regards to the competitor's unsupported complaint, we did withdraw our bid on December 23, 2022. We are confirming that we agree to withdraw our bid in order to allow Miami Dade to move forward with their project. We will address our business interruption with the competitor's counsel directly.

Thank you for your patience and follow-up. Please let us know if you need anything further so you can move forward with your project.

Best regards,

Mike

Mike McClain  
CEO  
Critical Environments Group  
O: 800.257.5235 x1503  
C: 972.821.2655

[linkedin](#) | [twitter](#) | [facebook](#) | [pressroom](#)

---

**From:** Manjarres, Juliana (Aviation) <JManjarres@FlyMIA.com>  
**Sent:** Wednesday, December 28, 2022 2:24 PM  
**To:** Mike McClain <mmclain@criticaleg.com>  
**Cc:** Clerk of the Board (COC) <Clerk.Board@miamidade.gov>; katy Freitag <kfreitag@criticaleg.com>  
**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon Mr. McClain,

Thank you for your email. Per my email below of 12.9.2022, the deadline to provide the required documentation to proceed with the award, was 12.16.2022. As of 12.28.2022 we still have not received the complete package to proceed with award. MDAD is unable to provide additional time to your firm at this time. As provided on your email below, please confirm you would like to proceed to withdraw the bid submitted by your firm in response to ITQ No. AV-67323-22-JM, MIA Central Boulevard Signage UPS Replacement.



Respectfully,

**Juliana Manjarres, CPSM, Airport Purchasing Specialist**  
**Miami-Dade Aviation Department**



---

**From:** Mike McClain <[mmcclain@criticaleg.com](mailto:mmcclain@criticaleg.com)>  
**Sent:** Friday, December 23, 2022 11:51 AM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>; katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>  
**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

Julianna,

We thank you for the opportunity to provide our competitive bid to Miami Dade County on the UPS Replacement and awarding the contract to us based on the contingencies required by the county.

The repeated actions and harassment of a competitive bidder on this contract has caused interruption to our business and that of Miami Dade as well as reputational damage as we looked to finalize our bond process. This is not the first time the competitive bidder has filed the same complaint on a Miami Dade project we were awarded which was also dismissed fully. As Katy mentioned, we needed to obtain an additional bid due to increase in quoted premium on our bond due to the complaint filed about our qualifications.

Due to the increased time needed to navigate around this issue, we request from the county an extension which would allow us to complete the bond underwriting to maintain our competitive pricing. If additional time cannot be granted by the county, then we withdraw our bid.

We thank the county for your consideration and diligence through this bid process as we all had to deal with this frivolous protest delaying county business.

If you have any questions or need further documentation from us, please feel free to contact us.

Best regards,

Mike McClain  
CEO  
Critical Environments Group  
O: 800.257.5235 x1503  
C: 972.821.2655

[linkedin](#) | [twitter](#) | [facebook](#) | [pressroom](#)

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Sent:** Thursday, December 22, 2022 12:38 PM



**To:** katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Mike McClain <[mmcclain@criticaleg.com](mailto:mmcclain@criticaleg.com)>

**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon Katy,

I am sorry you are experiencing some issues with the bond requirements of the solicitation documents, which we are unable to waive. Additionally, please note the County is unable to negotiate any price increases at this time to cover the cost of renting the portable generator during hurricane season, or for anything else.

Please confirm your firm is able to:

1. Provide the Bond required in the Solicitation document; and
2. Hold the price submitted by your firm on 8.17.2022

If your firm is unable to proceed with the price submitted on 8.17.2022, you must withdraw your bid.

Please provide your response by no later than Noon, Friday, December 23, 2022.

Thank you.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist  
**Miami-Dade Aviation Department**



---

**From:** katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>

**Sent:** Thursday, December 22, 2022 1:25 PM

**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Mike McClain <[mmcclain@criticaleg.com](mailto:mmcclain@criticaleg.com)>

**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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Juliana,

First, I want to thank you for your patience as we work through this process.

We are experiencing an issue with the bond portion of this project due to the following reasons:

- Never been bonded – not a contracting company - high risk
- Required to provide next lowest bid – it is \$50,000 more than us (doesn't look good or we bid it properly) – further risk
- We have to report margin on the job – it is 5-9% - it doesn't look good- further risk



- Already a red mark on this as we got awarded and job and then put the bonding on hold due to complaint filed regarding our qualifications. Even though cleared – another red flag
- Portioning \$175,000.00 to just this project for security – additional risk due to others economy factors – (other customers paying late, etc.)

Due to these factors the underwriters are doubling the price for the bond and that is more than the margin in the job itself. I am not sure how we can cover that additional cost.

I know we have completed many projects with Miami Dade, on-time and on-budget. Due to that fact, is there a possibility the Bond Servicer could be waived in this case?

Please let me know if that is a possibility and we will continue to work through the variables on our end.

We appreciate all your assistance and hope to be able to complete this project as soon as possible.

Thank you,

Katy Freitag  
Service Sales Specialist  
Critical Environments Group  
O: 954-360-0601 x7013  
C: 954-804-5474  
[Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com)



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**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Sent:** Wednesday, December 21, 2022 3:33 PM  
**To:** katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>  
**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Importance:** High

Good Afternoon Katy,

Any update on the Bond? Please provide today.

Thank you,

**Juliana Manjarres, CPSM, Airport Purchasing Specialist**  
**Miami-Dade Aviation Department**





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**From:** katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>  
**Sent:** Monday, December 19, 2022 6:45 AM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>  
**Subject:** RE: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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This is an EXTERNAL email. **Exercise Caution.** DO NOT open attachments or click links from unknown senders or unexpected emails. Please use your Report Spam button if this is a suspicious message.

Julianna,

I apologize for the delay as I was out of the office on Friday.

Attached please find the requested documents. We are still completing the bond information and will have it to you shortly. As we are not GCs we are not normally required to obtain a bond for a project so that portion of the paperwork is new to us. As soon as we have the paperwork back from the underwriter we will send over immediately.

Please let us know if we are okay to send in the purchase orders to order the equipment today. As you are aware we have lost considerable time and with supply chain issues we will be pressed to get the equipment on site and installed in the 170 days, but we strive to complete on time.

In addition, due to the time delay the costs of renting the portable generator during hurricane season increases, therefore we will need to review that pricing when we have a better timeframe for the installation. This is not a cost we factored into our quote since we should have had the projects completed in early spring had we been allowed to start on time.

Please review and let me know if there is anything else required at this time.

I look forward to working with you through this project and please call me if you have any questions.

Katy Freitag  
Service Sales Specialist  
Critical Environments Group  
401 E. Hillsboro Blvd.  
Deerfield Beach, FL 33441\*  
**Note new address!**  
O: 954-360-0601 x7013  
C: 954-804-5474

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Sent:** Friday, December 9, 2022 3:23 PM  
**To:** katy Freitag <[kfreitag@criticaleg.com](mailto:kfreitag@criticaleg.com)>  
**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>  
**Subject:** FW: \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Importance:** High

Good Afternoon Katy,

Please refer to the attached Notice of Intent to Award, and provide the required documents to my attention, no later than Friday, December 16<sup>th</sup>, 2022. Please let me know if you have any questions.



Thank you.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist

Miami-Dade Aviation Department, Procurement & Materials Management Division

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)

[www.iflymia.com](http://www.iflymia.com)

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**From:** Manjarres, Juliana (Aviation)

**Sent:** Thursday, August 25, 2022 3:18 PM

**To:** [davidf@appind.com](mailto:davidf@appind.com); [Geoffrey.dopkins@dc-group.com](mailto:Geoffrey.dopkins@dc-group.com); [Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com); [christian.davis@unifiedpowerusa.com](mailto:christian.davis@unifiedpowerusa.com); [david@pcsolutions.us](mailto:david@pcsolutions.us); [contact@pss-fl.com](mailto:contact@pss-fl.com); [charles.pharr@nolanpower.com](mailto:charles.pharr@nolanpower.com); [michael.hernandez@natpow.com](mailto:michael.hernandez@natpow.com); [wjohnson@gps-us.com](mailto:wjohnson@gps-us.com); [dadecounty@graybar.com](mailto:dadecounty@graybar.com); [ddiaz@ncsworldwide.com](mailto:ddiaz@ncsworldwide.com); [grupoinpower@gmail.com](mailto:grupoinpower@gmail.com); [terry@nstpower.com](mailto:terry@nstpower.com); [Alexander.azcurra@cpsgroupinc.net](mailto:Alexander.azcurra@cpsgroupinc.net); [johnb@mainserv360.com](mailto:johnb@mainserv360.com)

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** \*\*Award Notice - TQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Afternoon,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist

**Miami-Dade Aviation Department**

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)

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## Manjarres, Juliana (Aviation)

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**From:** Manjarres, Juliana (Aviation)  
**Sent:** Friday, December 30, 2022 9:30 AM  
**To:** 'davidf@appind.com'; 'Geoffrey.dopkins@dc-group.com'; 'Kfreitag@criticaleg.com'; 'christian.davis@unifiedpowerusa.com'; 'david@pcsolutions.us'; 'contact@pss-fl.com'; 'charles.pharr@nolanpower.com'; 'michael.hernandez@natpow.com'; 'wjohnson@gps-us.com'; 'dadecounty@graybar.com'; 'ddiaz@ncsworldwide.com'; 'grupoinpower@gmail.com'; 'terry@nstpower.com'; 'Alexander.azcurra@cpsgroupinc.net'; 'johnb@mainserv360.com'  
**Cc:** Clerk of the Board (COC); Garcia, Richard (Aviation); Alvarez, Jorge (Aviation)  
**Subject:** \*\*Notice of Rescind of Award - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** Notice of Rescind of Award UPS.pdf

Good Morning,

Please find attached the Notice of Rescind of Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist  
**Miami-Dade Aviation Department**  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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miamidade.gov

PROCUREMENT & MATERIALS  
MANAGEMENT DIVISION  
4331 NW 22<sup>nd</sup> Street • Bldg. 3040  
Miami, Florida 33122

December 30, 2022

TO: All Bidders (See Distribution List)

SUBJECT: Notice of Rescind of Award, AV-67323-22-JM, MIA Central Boulevard Signage UPS Replacement

Dear Bidders:

This letter is to inform you that Miami-Dade County Aviation Department (MDAD) is rescinding the Recommendation of Award made to DCIM Solutions dba/ Critical Environments Group LLC, for AV-67323-22JM, MIA Central Boulevard Signage UPS Replacement.

The firm that had been recommended for award has withdrawn their bid and a new Recommendation for Award will follow shortly.

Procurement & Materials Management Division, a division of the Aviation Department, appreciates the participation of all vendors who responded to the subject solicitation. If you have any questions, please contact me at 305-876-7048 or via email at [snovela@flymia.com](mailto:snovela@flymia.com).

Sincerely,

*Sylvia Novela*

Sylvia Novela  
Division Director

Distribution List:  
DCIM Solutions dba/ Critical Environments Group LLC  
Power System Solutions, LLC

c: Clerk of the Board





## Manjarres, Juliana (Aviation)

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**From:** Garcia, Richard (Aviation)  
**Sent:** Friday, January 6, 2023 3:09 PM  
**To:** Manjarres, Juliana (Aviation)  
**Cc:** Alvarez, Jorge (Aviation); Clerk of the Board (COC)  
**Subject:** RE: AV-67323-22-JM Award

Juliana,  
I confirm your recommendation of award to Power Systems Solutions LLC.

**Richard G. Garcia, R.A., Chief**  
**Miami-Dade Aviation Department**  
305-869-1040 Phone  
305-323-0300 Cell  
[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)  
[www.miami-airport.com](http://www.miami-airport.com)



---

**From:** Manjarres, Juliana (Aviation) <JManjarres@FlyMIA.com>  
**Sent:** Friday, January 6, 2023 3:07 PM  
**To:** Garcia, Richard (Aviation) <RGarcia@FlyMIA.com>  
**Cc:** Alvarez, Jorge (Aviation) <JALVAREZ@FlyMIA.com>; Clerk of the Board (COC) <Clerk.Board@miamidade.gov>  
**Subject:** AV-67323-22-JM Award  
**Importance:** High

Good Afternoon Richard,

As discussed, the lowest bidder, Critical Environmental Group, has withdrawn their bid submitted in response to the subject mentioned solicitation. Therefore, we recommend moving forward with the award to the second lowest bidder, Power Systems Solutions. I have attached a copy of their bid for your reference. Kindly provide confirmation of your approval to proceed with the award to Power Systems Solutions. Once I receive confirmation from you, I will arrange for a call with the vendor to discuss the rules of engagement, so we all understand what we are agreeing on.

Thank you.

**Juliana Manjarres, CPSM**  
Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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## Manjarres, Juliana (Aviation)

---

**From:** Manjarres, Juliana (Aviation)  
**Sent:** Friday, December 30, 2022 9:40 AM  
**To:** davidf@appind.com; Geoffrey.dopkins@dc-group.com; Kfreitag@criticaleg.com; christian.davis@unifiedpowerusa.com; david@pcsolutions.us; contact@pss-fl.com; charles.pharr@nolanpower.com; michael.hernandez@natpow.com; wjohnson@gps-us.com; dadecounty@graybar.com; ddiaz@ncsworldwide.com; grupoinpower@gmail.com; terry@nstpower.com; Alexander.azcurra@cpsgroupinc.net; johnb@mainserv360.com  
**Cc:** Clerk of the Board (COC); Garcia, Richard (Aviation); Alvarez, Jorge (Aviation)  
**Subject:** \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*  
**Attachments:** Notice of Intent to Award AV-67323-22-JM PSS.pdf; Surety Payment Bond.pdf; Surety Performance Bond.pdf; Non-Collusion Affidavit .pdf

Good Morning,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM**, Airport Purchasing Specialist  
**Miami-Dade Aviation Department**  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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December 30, 2022

Roberto Gonzalez  
Power System Solutions, LLC  
7320 NW 12<sup>th</sup> Street, Suite 113  
Miami, FL 33126

Re: Recommendation for Award for ITQ No. AV-67323-22-JM  
MIA Central Boulevard Signage UPS Replacement

Dear Mr. Gonzalez,

In accordance with Sections 2-8.3 and 2-8.4 of the Code of Miami-Dade County and Implementing Order 3-21, this letter serves to notify you that your firm has been recommended for award of the referenced Invitation to Quote (ITQ) based on the bid submitted on Wednesday August 17<sup>th</sup>, 2022. Pursuant to the referenced legislation, the three (3) day protest period shall commence upon the filing of this recommendation to award with the Clerk of the Board. This contract award will be effective only in accordance with the conditions of the solicitation, which requires execution by both parties of the Notice to Proceed (NTP).

The value at award is **\$218,625.00**. This includes your base bid amount of **\$198,750.00**, and a **Contingency** amount of **\$19,875.00**. The contract term is 170 calendar days. The award is contingent upon the following:

1. Per Part IV Section 3 of the ITQ, the Contractor must submit Insurance Certificates listing the required coverage for Workers Compensation, Automobile Liability, and Commercial General Liability.
2. Per Part IV Section 4 of the ITQ, the Contractor will be required to furnish Performance and Payment Bond (Attachment 1) attached to this letter, in accordance with the provisions of the Bid Documents. The amount of bond shall be for the Total Maximum Contract Amount **\$218,625.00**.
3. Contractor must sign and submit Non-Collusion Affidavit (Attachment 2) attached to this award letter.
4. **VERIFICATION OF EMPLOYMENT ELIGIBILITY (E-VERIFY)**  
By entering the Contract, the Awarded Bidder becomes obligated to comply with the provisions of Section 448.095, Florida Statute, titled "Verification of Employment Eligibility." This includes but is not limited to utilization of the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of all newly hired employees by the Awarded Bidder effective, January 1, 2021, and requiring all Subcontractors to provide an affidavit attesting that the Subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply may lead to termination of this Awarded Bidder, or if a Subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. If this Contract is terminated for a violation of the statute by the Awarded Bidder, the



Awarded Bidder may not be awarded a public contract for a period of one year after the date of termination, and the Awarded Bidder may be liable for any additional costs incurred by the County resulting from the termination of the Contract. Public and private employers must enroll in the E-Verify System (<http://www.uscis.gov/e-verify>) and retain the I-9 Forms for inspection

The preceding Documents are required as outlined within the ITQ project specification. They must be submitted to the Aviation Department within **5 business** days of receipt of this letter.

This letter shall also serve as a reminder that all work must be performed in accordance with the scope of work and contract terms and conditions, all permits and inspections and in accordance with all applicable Federal, State, and local laws, codes and regulations.

Should you have any questions please contact Juliana Manjarres at 305-869-3010 or email: [jmanjarres@flymia.com](mailto:jmanjarres@flymia.com)

Thank you,

*Juliana Manjarres*

Juliana Manjarres  
Airport Purchasing Specialist



**INVITATION TO QUOTE (ITQ)**  
Miami-Dade Aviation Department

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**PART III. PRICING FORM**

- A. The Bidder's prices per this Section, shall be inclusive of all costs associated with providing the services herein, which shall include at minimum the removal and legal disposal of existing UPS, manufacturing, delivery and installation of new Equipment, prepare engineered drawings (signed & sealed by Professional Engineer) for permitting purposes, apply for and obtain all required permits, electrical work, and commissioning of the UPS, as further described in Section 2.
- B. Mobilization shall consist of the preparatory work and operations for beginning work on the project; costs of bonds and required insurance; costs of operations necessary to move personnel, equipment, supplies, and incidentals to the site; costs of establishment of temporary offices, shops, safety equipment and first aid supplies; and other costs associated with or required by the Contract Documents and any Federal, State, and/or local laws and regulations. No separate cost will be paid for mobilization. All costs related to mobilization shall be considered incidental to and included in the unit cost prices in this section.
- C. The Bidder's prices shall include all engineering, labor, permit(s), materials, tools, and equipment; all other direct and indirect costs necessary to complete the work and to coordinate it with adjacent work; and shall include all overhead and profit.
- D. All handling or storage costs incurred by the Contractor shall be considered incidental to the installation of the equipment and as such will not be considered for additional compensation.

**Phase 1**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
1	1	JOB	<u>PHASE 1</u> pursuant to PART II, SECTION 2.1	\$ 139,125.00
Contractor shall provide the below breakdown for information purposes only. The below pricing will not be evaluated to determine the lowest responsive responsible bidder.				
New Eaton 93PM, 120 KVA/120KW Uninterruptible Power Supply (UPS), or MDAD approved equal with 3-breaker bypass and corresponding battery cabinet.				\$ 104,050.00
New 112.5 KVA Nema 3R Transformer (Copper Wiring Material) or MDAD approved equal.				\$ 10,700.00
Removal of existing UPS and Transformer an Installation of new UPS and Transformer.				\$ 24,375.00

**Phase 2**

ITEM	QTY	UOM	DESCRIPTION	LINE TOTAL PRICE
2	1	JOB	<u>PHASE 2</u> pursuant to PART II, Section 2.2 Commissioning of new UPS System, Submission of all applicable warranties, Completion of punch list, Final inspections, Project sign off.	\$ 59,625.00
<b>Phase 2 TOTAL:</b>				<b>\$ 59,625.00</b>

NO Substitutes ☐ Or County Approved Equal ☒ If offering an approved equal provide specifications sheets



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

**PART IV. ADDITIONAL TERMS**

**1. Contract Time**

Completion of the Work within the Contract Time is of the essence. The Contract Time for this Work is 170 calendar days from the effective date established in the Notice To Proceed.

**2. Small Business Enterprise (SBE)**

SBE Bid preference ☒ SBE Set Aside ☐

**3. Insurance Requirements**

A. The contractor shall furnish to the MDAD Purchasing or MDAD Risk Management, Certificate(s) of Insurance which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

- A. Worker's Compensation, as required by Chapter 440, Florida Statutes.
- B. Automobile Liability Insurance, covering all owned, non-owned and hired vehicles used in connection with the work in an amount not less than:
  - (1) \$5,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor on the AOA.
  - (2) \$1,000,000 combined single limit per occurrence for bodily injury and property damage covering vehicles when being used by the Vendor off the AOA.
- C. Commercial General Liability Insurance, on a comprehensive basis, including Contractual Liability, Broad Form Property Damage and Products and Completed Operations, in an amount not less than \$5,000,000 combined single limit per occurrence for bodily injury and property damage. The County must be shown as an additional insured with respect to this coverage.

B. All required insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The company must be rated no less than "A-" as to management, and no less than "Class VII" as to financial strength, by the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey or its equivalent, subject to the approval of the MDAD Risk Management Division OR, The company must hold a valid Florida Certificate of Authority as shown in the latest "List of All Insurance Companies Authorized or Approved to do Business in Florida", issued by the State of Florida Department of Financial Services

C. Certificates of Insurance must meet the following requirements:

- 1. Certificate must indicate that no modification or change in insurance shall be made without thirty (30) days written advance notice to the certificate holder.
- 2. Signature of agent must be included.
- 3. If Automobile Liability Insurance is required above, insurance must be provided for all of the following vehicles:
  - a) Owned
  - b) Non-owned
  - c) Hired



**INVITATION TO QUOTE (ITQ)  
Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

4. If General or Public Liability Insurance is required above, Certificate of Insurance must show Miami-Dade County as an additional insured for that coverage.

5. Certificate Holder must read EXACTLY as presented below:

Miami Dade Aviation Department  
Attn.: Risk Management Division  
PO BOX 025504  
Miami, FL 33102

D. Compliance with the requirements in this Section shall not relieve the successful Bidder of its liability and obligation under this, or under any other, section of the Contract. The successful Bidder shall provide to the County the insurance documents within ten (10) business days after notification of recommendation to award. If the certificate submitted does not include the

**4. Performance and Payment Bond**

The Contractor to whom a contingent award is made after a quotation process shall duly execute and deliver to the County a Performance and Payment Bond in an amount that represents 100% of the Contractor's offer price. The Performance and Payment Bond Form supplied by the County shall be the only acceptable form for these bonds. No other form will be accepted. The completed form shall be delivered to the County within the time frame agreed by the vendor and MDAD after formal notice of award. If the vendor fails to deliver the payment and performance bond within this specified time, including granted extensions, the County shall declare the vendor in default of the contractual terms and conditions, and the vendor shall surrender its offer guaranty/bid bond, and the County shall not accept any offer from that vendor for a twelve (12) month period following such default.

The following specifications shall apply to any bond provided:

A. All bonds shall be written through surety insurers authorized to do business in the State of Florida as surety, with the following qualifications as to management and financial strength according to the latest edition of Best's Insurance Guide, published by A.M. Best Company, Oldwick, New Jersey:

Bond Amount Best Rating

500,001 to 1,500,000 B V

1,500,001 to 2,500,000 A VI

2,500,001 to 5,000,000 A VII

5,000,001 to 10,000,000 A VIII

Over 10,000,000 A IX

B. On contract amounts of \$500,000.00 or less, the bond provisions of Section 287.0935, Florida Statutes (2007) shall be in effect and surety companies not otherwise qualifying with this paragraph may optionally qualify by:

- i. The surety company is licensed to do business in the State of Florida;
- ii. The surety company holds a certificate of authority authorizing it to write surety bonds in this state;
- iii. Providing evidence that the surety has twice the minimum surplus and capital required by the Florida Insurance Code at the time the solicitation is issued;
- iv. Certifying that the surety is otherwise in compliance with the Florida Insurance Code; and
- v. Providing a copy of the currently valid Certificate of Authority issued by the United States Department of the Treasury under SS. 31 USC 9304-9308.

Surety insurers shall be listed in the latest Circular 570 of the U.S. Department of the Treasury entitled "Surety Companies Acceptable on Federal Bonds", published annually. The bond amount shall not exceed the underwriting limitations as shown in this circular.

C. For contracts in excess of 500,000 the provisions of Section B will be adhered to plus the company must have been listed



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

for at least three consecutive years or holding a valid Certificate of Authority of at least 1.5 million dollars and on the Treasury List.

D. Surety Bonds guaranteed through U.S. Government Small Business Administration or Contractors Training and Development Inc. will also be acceptable.

E. In lieu of a bond, an irrevocable letter of credit or a cash bond in the form of a certified cashier's check made out to the Board of County Commissioners will be acceptable. All interest will accrue to Miami-Dade County during the life of this contract and/or as long as the funds are being held by Miami-Dade County.

F. The attorney-in-fact or other officer who signs a contract bond for a surety company must file with such bond a certified copy of power of attorney authorizing the officer to do so. The contract bond must be counter signed by the surety's resident Florida agent.

**5. Liquidated Damages**

A. The parties to the Contract agree that time, in the completion of the Work, is of the essence. The County and the Contractor recognize and agree that the precise amount of actual damages for delay in the performance and completion of the Work is impossible to determine as of the date of execution of the Contract and that proof of the precise amount will be difficult. Therefore, the Contractor shall be assessed liquidated damages on a daily basis for each day that individual milestones, both interim and cumulative as specified in the Contract Documents, are not timely achieved or that contract time is exceeded due to a non-excusable delay. These liquidated damages shall be assessed, not as a penalty, but as compensation to the County for expenses which are difficult to quantify with any certainty and which were incurred by the County due to the delay. Therefore, in accordance with this section (Liquidated Damages) failure to complete the work within the stipulated phases and/or overall completion indicated preliminary schedule, or the project schedule as approved by MDAD: the Contractor and his sureties will be assessed Liquidated Damages as follows:

1. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled installation duration if the UPS installation is not completed on time, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the UPS is installed and in service.

2. An amount of \$100.00 per calendar day will be assessed for every day beyond the approved scheduled project completion date, not as a penalty, but as liquidated damages for each day or fraction thereof of delay until the milestone delivery date is met.

B. The amount of liquidated damages assessed shall be an amount, as stipulated above, per day for each calendar day that individual milestones as specified in the Contract are not timely achieved or that the project is delayed due to a non-excusable delay.

C. In the event the Contractor fails to perform any other covenant or condition (other than time-related) of this Contract relating to the Work, the Contractor shall become liable to the County for any actual damages which the County may sustain as a result of such failure on the part of the Contractor. The County reserves the right to retain these amounts from monies due the Contractor.

D. Nothing in this Section shall be construed as limiting the right of the County to terminate the Contract and/or to require the Surety to complete said project and/or to claim damages for the failure of the Contractor to abide by each and every one of the terms of this Contract as set forth and provided for in the Contract Documents.



## INVITATION TO QUOTE (ITQ)

### Miami-Dade Aviation Department

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

#### PART V. SUBMITTAL FORM

Bidder's Legal Name (include d/b/a if applicable):

Federal Tax Identification Number:

Power System Solutions LLC

47-5379554

#### A. SMALL BUSINESS ENTERPRISE CONTRACT MEASURES (if applicable):

A Small Business Enterprise (SBE) must be certified by the Small Business Development Division (SBD) for the type of goods and/or services the Bidder provides in accordance with the applicable Commodity Code(s) for this Solicitation. For certification information, contact SBD at (305) 375-3111 or access <http://www.miamidade.gov/smallbusiness/certification-programs.asp>. The SBE must be certified by this Solicitation's submission deadline, at Contract award, and for the duration of the Contract to remain eligible for the preference. Firms that graduate from the SBE Program during the Contract may remain on the Contract.

☒ Place a check mark here only if affirming Bidder is a Miami-Dade County Certified Small Business Enterprise.

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), SMALL BUSINESS ENTERPRISE MEASURES SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### B. LOCAL PREFERENCE CERTIFICATION:

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "local business" is a business located within the limits of Miami-Dade County that has a valid Local Business Tax Receipt issued by Miami-Dade County at least one year prior to bid submission; has a physical business address located within the limits of Miami-Dade County from which business is performed and which served as the place of employment for at least three full time employees for the continuous period of one year prior to bid submittal (by exception, if the business is a certified Small Business Enterprise, the local business location must have served as the place of employment for one full time employee); and contributes to the economic development of the community in a verifiable and measurable way. This may include, but not be limited to, the retention and expansion of employment opportunities and the support and increase to the County's tax base.

☒ Place a check mark here only if affirming the Bidder meets requirements for Local Preference. **Failure to complete this certification at this time may render the vendor ineligible for Local Preference.**

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### C. LOCALLY HEADQUARTERED BUSINESS CERTIFICATION:

For the purpose of this certification, and pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, a "locally headquartered business" is a Local Business as defined above, which has a "principal place of business" in Miami-Dade County. "Principal place of business" means the nerve center or the center of overall direction, control, and coordination of activities of the Bidder. If the Bidder has only one business location, such business location shall be its principal place of business.

☒ Place a check mark here only if affirming the Bidder meets requirements for the Locally Headquartered Preference (LHP). **Failure to affirm this certification at this time may render the vendor ineligible for the LHP.** The address of the Locally Headquartered office is:

7320 NW 12th ST suite 113 Miami, FL 33126

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCALLY HEADQUARTERED BUSINESS PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

#### D. LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE CERTIFICATION:

A Local Certified Veteran's Business Enterprise is a firm that is: (a) a local business pursuant to Section [2-8.5](#) of the Code of Miami-Dade County, and (b) prior to bid submission is certified by the State of Florida Department of Management Services as a veteran business enterprise pursuant to [Section 295.187](#) of the Florida Statutes.

☐ Place a check mark here only if affirming the Bidder is a Local Certified Veteran's Business Enterprise. **A copy of the certification must be submitted with the bid.**



# **INVITATION TO QUOTE (ITQ)** **Miami-Dade Aviation Department**

<b>ITQ No.: AV-67323-22-JM</b>	<b>ISSUED DATE: 07.01.2022</b>	<b>ITQ DUE DATE: 07.27.2022 AT 2:00 PM</b>
<b>ITQ TITLE: MIA Central Boulevard Signage UPS Replacement</b>		

IN ACCORDANCE WITH [CFR 200.319 \(b\)](#), LOCAL CERTIFIED VETERAN'S BUSINESS ENTERPRISE PREFERENCE SHALL NOT APPLY TO FEDERALLY FUNDED PURCHASES.

## **E. CONVICTION DISCLOSURE:**

Pursuant to Section [2-8.6](#) of the Code of Miami-Dade County, any individual, corporation, partnership, joint venture or other legal entity having an officer, director, or executive who has been convicted of a felony during the past ten (10) years shall disclose this information at the time of bid submittal.

☐ Place a check mark here only if the Bidder has such conviction to disclose to comply with this requirement.

## **F. CONFLICT OF INTEREST DISCLOSURE:**

Pursuant to Section [2-11.1 \(c\) and \(d\)](#) of the Code of Miami-Dade County, please respond to the following questions posed.

1. ARE ANY OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE(S)?

☐ YES or ☒ NO

**If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.**

2. ARE ANY IMMEDIATE FAMILY MEMBERS OF THE COMPANY'S OWNERS/PRINCIPALS/PERSONS WITH OWNERSHIP INTEREST IN THE COMPANY, A MIAMI-DADE COUNTY ELECTED OFFICIAL, AGENCY BOARD MEMBER OR EMPLOYEE?

☐ YES or ☒ NO

**If Yes, attach Conflict-of-Interest Opinion provided by Miami-Dade County Commission on Ethics and Public Trust.**

## **G. WAIVER OF CONFIDENTIALITY AND TRADE SECRET TREATMENT OF BID:**

The Bidder acknowledges and agrees that the submittal of the Bid is governed by Florida's Government in the Sunshine Laws and Public Records Laws, as set forth in Florida Statutes Section [286.011](#) and Chapter [119](#). As such, all material submitted as part of, or in support of, the Bid will be available for public inspection after opening of bids and may be considered by the County in public.

**By submitting a bid pursuant to the Solicitation, Bidder agrees that all such materials may be considered public records. The Bidder shall not submit any information in response to the Solicitation which the Bidder considers to be a trade secret, proprietary or confidential. If the Bid contains a claim that all or a portion of the Bid submitted contains confidential, proprietary or trade secret information, the Bidder, by signing below, knowingly and expressly waives all claims made that the Bid, or any part thereof no matter how indicated, is confidential, proprietary or a trade secret and authorizes the County to release such information to the public for any reason.**

Acknowledgment of Waiver:

Bidder's Authorized Representative's Signature:



Representative's Name:

Roberto Gonzalez

Date:

8/17/2022

Representative's Title:

Managing Partner



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
ITQ TITLE: MIA Central Boulevard Signage UPS Replacement		

**H. BIDDER'S CONTACT INFORMATION**

Bidder's Contact Person:

Email Address:

Roberto Gonzalez

contact@pss-fl.com

Phone Number (include area code):

305-775-6386

**I. ACKNOWLEDGEMENT OF BINDING OFFER**

The execution of this form constitutes the consent of the Bidder to be bound by the terms of its Bid and the Solicitation. Failure to sign where indicated below by an authorized representative shall render the Bid non-responsive. The County may, however, in its sole discretion, accept any response that includes an executed document which unequivocally binds the Bidder to the terms of its Bid and the Solicitation.

Bidder's Authorized Representative's Signature:

Date:



8/17/2022

Representative's Name:

Representative's Title:

Roberto Gonzalez

Managing Partner

This ITQ includes the following attachments:

- ☒ Drawings/Pictures/Site Maps
- ☒ Subcontracting Form



**INVITATION TO QUOTE (ITQ)**  
Miami-Dade Aviation Department

ITQ No.: AV-67323-22-JM	ISSUED DATE: 07.01.2022	ITQ DUE DATE: 07.27.2022 AT 2:00 PM
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**SUBCONTRACTING FORM**

Vendor Name Power System Solutions LLC

FEIN # 47-5379554

Complete "A" or "B":

- A. ☒ No subcontractors or direct suppliers will be utilized pursuant to this solicitation.
- B. ☐ The below listed subcontractors and/or suppliers will be utilized pursuant to this solicitation:

Business Name and Address of First Tier Subcontractor/ Subconsultant	Name of Principal Owner	Scope of Work to be Performed by Subcontractor /Subconsultant	Subcontractor / Subconsultant License (if applicable)
Business Name and Address of First Tier Direct Supplier	Name of Principal Owner	Supplies, Materials, and/or Services to be Provided by Supplier	

And

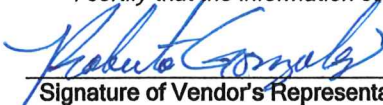
Below and/or attached is a detailed statement of the firm's policies and procedures for awarding subcontractors:


(Duplicate this form if additional space is needed to provide the required information)

When Subcontracting is allowed and subcontractors will be utilized, the Contractor shall comply with Section 2-8.8 of the Code - Fair Subcontracting Practices: (1) Prior to contract award, the Bidder shall provide a detailed statement of its policies and procedures for awarding subcontracts and (2) As a condition of final payment under a contract, the Contractor shall identify subcontractors used in the work, the amount of each subcontract, and the amount paid and to be paid to each subcontractor via the BMWS at <http://mdcsbd.gob2g.com>.

Pursuant to Section 2-8.1(f) of the Code - Listing of subcontractors required on certain contracts, for all contracts which involve the expenditure of one hundred thousand dollars (\$100,000) or more, the entity contracting with the County must report to the County the race, gender, and ethnic origin of the owners and employees of its first tier subcontractors and suppliers via the BMWS at <http://mdcsbd.gob2g.com>. The race, gender, and ethnic information must be submitted via BMWS as soon as reasonably available and, in any event, prior to final payment under the Contract. The Contractor shall not change or substitute first tier subcontractors or direct suppliers or the portions of the Contract work to be performed or materials to be supplied from those identified except upon written approval of the County.

*I certify that the information contained in this form is to the best of my knowledge true and accurate.*



Signature of Vendor's Representative

Roberto Gonzalez

Print Name

Managing Partner

Print Title

8/17/2022

Date



**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

**Exhibit A**

**ITQ No. AV-67323-22JM MIA Central Boulevard Signage UPS Replacement**

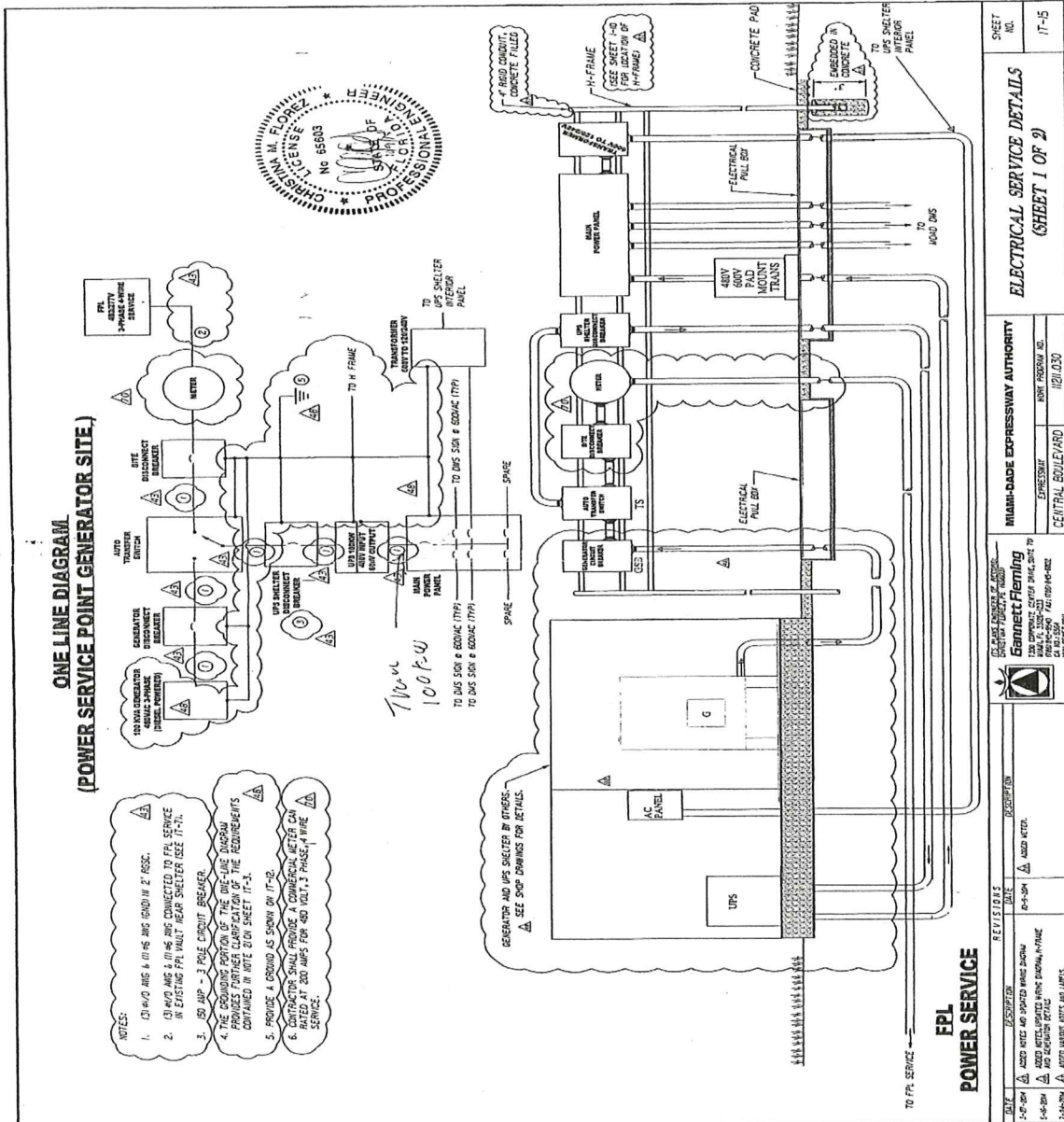


UPS/Generator Building



# INVITATION TO QUOTE (ITQ) Miami-Dade Aviation Department

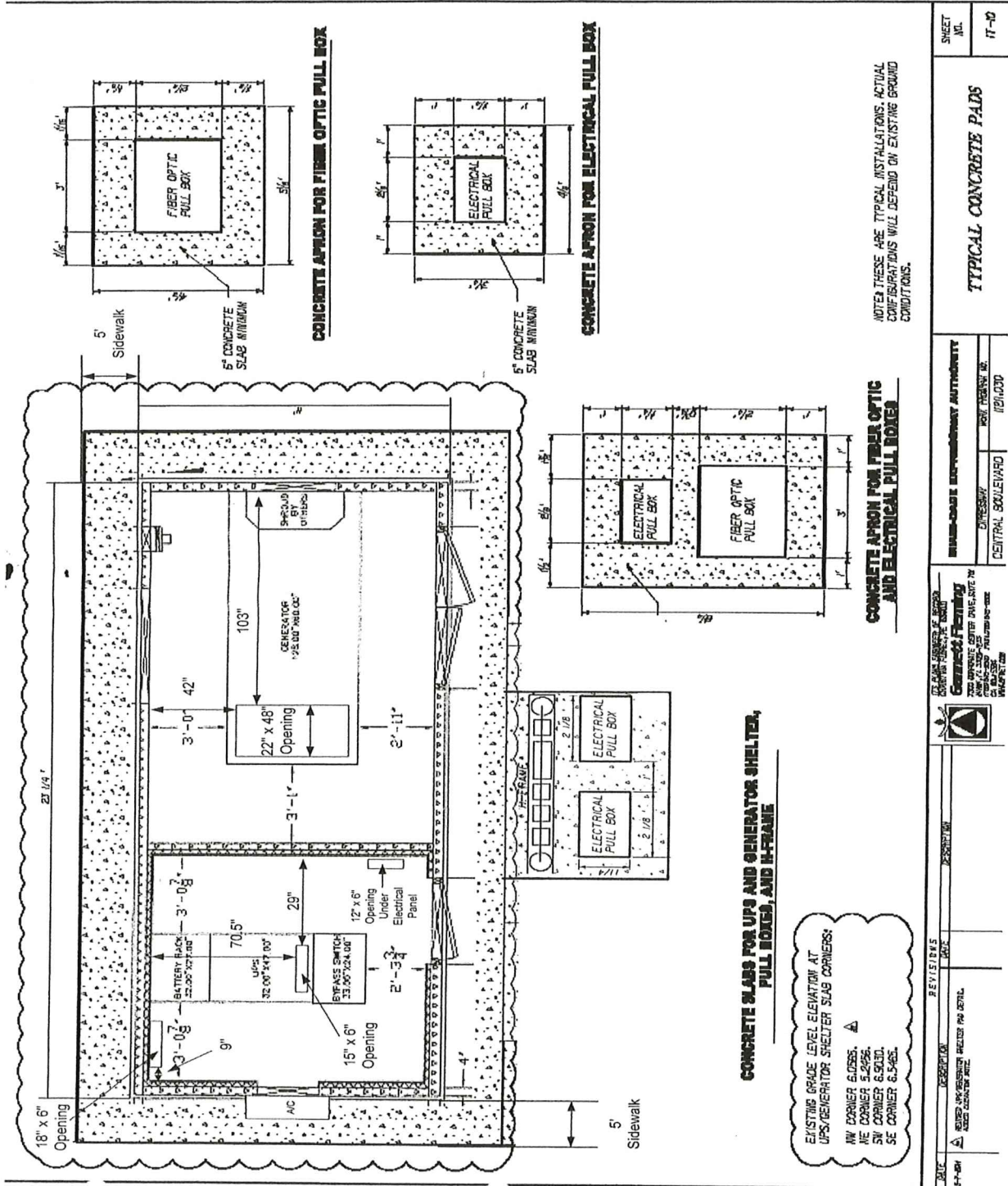
## Electrical Service Details





**INVITATION TO QUOTE (ITQ)**  
**Miami-Dade Aviation Department**

**UPS Generator Room Plan**







Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

Pre-Award Supplier/Vendor Compliance Checklist	
Supplier/Vendor Name:	Power System Solutions
Fictitious Name:	
FEIN:	
Contract/Bid/Pool No.:	AV-67323-22-JM Central Blvd. Signage Replacement
Is Supplier/Vendor Registration Application Current?	
NOTE: If vendor is a <b>Bidder</b> , reach out to VOSS to assist with vendor conversion to <b>Supplier</b> .	<b>Suppliers</b> <b>Navigation:</b> Finance/Supply Chain (FSCM > Supplier Administration > Maintain Supplier > Maintain Supplier
Confirm Supplier/Vendor Registration Status	SUPPLIER SUMMARY: -STATUS -OPEN FOR ORDERING Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Confirm Supplier/Vendor DBA Status (if applicable)	Address Tab: -Payment/Withholding Alt Names -Payment Alternate Name (expand) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Confirm Supplier/Vendor Mail Code Status	Address/Contact Tabs: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Does Supplier/Vendor Appear on the Following:	
<a href="#">SBD Certified Firms</a>	Identifying Information Tab: (Interface from B2G) -Additional Reporting Elements (expand) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:
<a href="#">Debarred Contractors</a>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (DEBARRED) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Non Performance History</a>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (TBD) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

<a href="#">Delinquent Contractor Report</a> <i>(not a link)</i>	<b>Navigation:</b> Menu (Top Right Corner)>Navigator>Finance/Supply Chain (FSCM)>Miami-Dade County>Account Receivable> Extensions>Delinquent Contractor ReqFinal <i>/do not use files/</i> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Completed Affidavits</a>	Affidavits Tab: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:
<b>NOTE: Print Screen of all Affidavits (1-13) and include as part of Compliance Package.</b>	
<a href="#">Local Business and Property Taxes</a>	Identifying Information Tab: -Government Classification -Government Sources -Certification Source (LBT) <b>NOTE: Partial information, INFORMS doesn't provide status (arrears) nor Property Taxes</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:
<b>NOTE:</b> Pursuant to Section 2-8.1(c), any property or business taxes due to the County must be paid, as a condition of contract award/pool inclusion. Print Screen of taxes due and inform Supplier/Vendor. Advise Manager, who will consult with CPD for determination of Supplier/Vendor responsibility. Suppliers/Vendors affirming Local or Locally Headquartered Preference must have LBT or provide exemption.	
<a href="#">State of Florida Corporations (Sun Biz)</a>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Comments:
<a href="#">Compliance Report and/or Workforce Violations (SBD)</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Florida Convicted Vendor List</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Suspended Contractors</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Florida Suspended Contractors</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Scrutinized Companies - 287.135.FS</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:
<a href="#">Scrutinized Companies that Boycott Israel - 215.4725.FS</a>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Comments:





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

<a href="#">Florida Convicted Vendor List</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Suspended Contractors</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Florida Suspended Contractors</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Scrutinized Companies - 287.135, FS</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Scrutinized Companies that Boycott Israel - 215.4725, FS</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">System for Award Management (SAM)</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Google Search</a>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Comments: N/A
<b>NOTE: Only Suppliers/Vendors being considered for award or establishment of Pool requiring BCC</b>			
<a href="#">Department of Justice</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Local Certified Veteran Business Enterprise</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<a href="#">Find E-Verify Participant Employers</a>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Comments:
<a href="#">OSHA Enforcement Inspections</a>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Comments:
<b>NOTE: Applicable to Construction Contracts, Master Developer and Design-Build Agreements.</b>			
Prepared By: <i>Juliana Manjarres</i>	Date: 12.29.2022		
Review of Litigation by CPO Administrative Team Westlaw, and Alleging Discrimination (as applicable)	PACER, Lawsuits	Yes <input type="checkbox"/>	No <input type="checkbox"/>
		Comments:	





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

INFORMS

Supplier Administration

Summary Identifying Information Address Contacts Location Affidavits Additional Information Custom

SetID MDC  
Supplier ID 0000006795  
Supplier Short Name POWER SYST POWER SYST-001  
Supplier Name POWER SYSTEM SOLUTIONS LLC  
Order POWER SYST-001  
7320 NW 12TH STREET, UNIT 113  
MIAMI, FL 33126  
Remit To POWER SYST-001  
7320 NW 12 ST UNIT 113  
MIAMI, FL 33126  
Status Approved  
Persistence Regular  
Classification Outside Party  
HCM Class  
Open for Ordering Yes  
Withholding Yes  
VAT No  
Last Modified By MD\_CONVERSION  
Last modified date 02/23/2021 12:50PM  
Created By GERMANP  
Created Date/time 03/15/2017 12:00AM  
Last Activity Date 12/21/2022

Save Return to Search Notify Add Update/Display Include History

Supplier Administration

Supplier ID 0000006795 Short Supplier Name POWER SYST-001 Supplier POWER SYSTEM SOLUTIONS LLC

Supplier Address

Address ID 1  
Description 01 PURCHASE ORDER ADDRESS

Details

Effective Date 01/01/1901 Effective Status Active  
Country USA United States  
Address 1 7320 NW 12TH STREET, UNIT 113  
Address 2  
Address 3:  
City MIAMI  
County Postal 33126  
State FL Florida  
Email ID CONTACT@PSS-FL.COM  
Payment/Withholding Alt Names  
Phone Information





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### SBD Certified Firms

Supplier | Miami-Dade County | Business | X | +

https://mdcsbd.gob2g.com/Default.asp?

[COVID-19 Financial Assistance for Small Businesses](#) [View Outreach Opportunities](#)

[Show directory information and instructions](#)

**Search Parameters** [Edit Parameters](#) [Clear Parameters](#)

**CERTIFICATIONS**

Airport Concessionaire Disadvantaged Business Enterprise (ACDBE)  
Disadvantaged Business Enterprise (DBE)  
Local Developing Business (LDB)  
Small Business Enterprise - Architectural & Engineering (SBE-A&E)  
Small Business Enterprise - Construction (SBE-Con)  
Small Business Enterprise - Goods & Services (SBE-G&S)

**BUSINESS NAME/DBA**

POWER SYSTEM SOLUTIONS

[Download Search Results](#)

**Search Results** 1 firm with 4 certifications found  
Click the certification type for contact information and certification details

Vendor	Location	Certification
Power System Solutions, LLC	Miami, FL	<a href="#">LDB</a> <a href="#">SBE-A&amp;E</a> <a href="#">SBE-Con</a> <a href="#">SBE-G&amp;S</a>

12:31 PM 12/29/2022

Supplier | Miami-Dade County | Business | X | +

https://mdcsbd.gob2g.com/Default.asp?

[COVID-19 Financial Assistance for Small Businesses](#) [View Outreach Opportunities](#)

[Show directory information and instructions](#)

**Certified Profile** [CLOSE WINDOW](#)

**Certification Information**

CERTIFYING AGENCY: Miami-Dade County  
CERTIFICATION TYPE: SBE-Con - Small Business Enterprise - Construction  
CERTIFIED BUSINESS DESCRIPTION: ENGINEERING & ELECTRICAL SERVICES

**Commodity Codes**

Code	Description
NAICS 238210	Electrical Contractors and Other Wiring Installation Contractors

**Additional Information**

TIER: Construction - Level 1: 3 Yr. AGR \$0 up to \$2,000,000

12:31 PM 12/29/2022





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### Debarred Contractors

Supplier x Miami-Dade County | Business Development Reports x Debarment Listing as of Dec. 2022 x

https://www.miamidade.gov/smallbusiness/library/reports/contractor-debarment.pdf

power system solutions 0/0

Debarred Entity and/or Individuals (abc order)	Address	Initiating Dept. and Contact Person	Cause of Debarment	Effect of Debarment	Length of Debarment	Contractor's Certificate of Competency or License Number, or Qualifier, when applicable
Aaron Construction Group, Inc.	10820 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a ten (10) year period.	9/12/19 - 9/12/29	n/a
Diego Alejandro Estepa Vasquez (Individual, former officer of Aaron Construction Group, Inc.)	10820 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County indefinitely.	9/12/19 - Indefinite	n/a
Javier Estepa (Individual, former officer of Aaron Construction Group, Inc.)	10820 NW 138 St, Bay C-1 Hialeah Gardens, FL 33018	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County indefinitely.	9/12/19 - Indefinite	n/a
ABC Construction Inc	7280 NW 8th St, Miami, FL 33126	State Attorney's Office (State Attorney, 305-547-0100)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a five (5) year period	11/2/2022 - 11/2/2027	n/a
Borge Gonzalez (Individual, former owner/president of ABC Construction Inc)	7280 NW 8th St, Miami, FL 33126	State Attorney's Office (State Attorney, 305-547-0100)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a five (5) year period	11/2/2022 - 11/2/2027	n/a
Association of Community Organizations for Reform Now (ACORN)	2609 Canal St, 4th floor New Orleans, LA 70119	U.S. Congress (Office of Management & Budget, 202-395-3088)	Section 163 of the Continuing Appropriations Resolution, 2010, Division 8 of Public Law #111-68	Excluded from Contracting w/Miami-Dade County indefinitely.	10/07/2009 - Indefinite	n/a
Biscayne Housing Group, LLC	25 Se 2nd Ave, Miami, FL 33131-1508	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a ten (10) year period	1/5/2021 - 1/5/2031	n/a
Michael Cox (Individual, former partner of Biscayne Housing Group, LLC)	828 NW 9th Ave Miami, FL 33136	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a ten (10) year period	1/5/2021 - 1/5/2031	n/a
Gonzalo DeRamon (Individual, former partner of Biscayne Housing Group, LLC)	45 Almeria Ave STE #5 Coral Gables, FL 33134	Public Housing and Community Development Department (PHCD Director, (786) 469-4106)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a five (5) year period	04/30/2018 - 04/30/2023	n/a
RJK Construction Services, Inc	970 W McRob Rd # 210, Fort Lauderdale, FL 33309	Internal Services Department (ISD Director, 305-375-1135)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a ten (10) year period.	7/8/2021 - 7/8/2031	n/a
Michael Ruyman (Individual, owner of RJK Construction Services, Inc)	4411 Ne 30 Ave, Lighthouse Point, FL 33064	Internal Services Department (ISD Director, 305-375-1135)	Violation of Section 10-38	Excluded from Contracting w/Miami-Dade County for a ten (10) year period.	7/8/2021 - 7/8/2031	n/a

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### Non-Performance History

Supplier x Miami-Dade County | Business Development Reports x Debarment Listing as of Dec. 2022 x Miami-Dade County | Procurement x

https://s0145200.miamidade.gov/eProcurement/RegisteredVendorDetailsNew.aspx?Fein=475379554&Suffix=01&VendorNumber=56409

Business Info 1 Business Info 2 Address Awards Affidavits Attach Insurance Gap Hist NonPerf/Violation Hist Reports Comments Message Center Work Allocation ADPCIS Previous Suffix Next Suffix Search

**Registered Vendor - Vendor Non-Performance and Violation History**

Business Information

Business Name: POWER SYSTEM SOLUTIONS, LLC

Doing Business As:

FEIN: 475379554 Suffix: 01

Violation History

#	Violation Name	Violation Date	Officer	Department	Status
<div>Name Date (mm/dd/yyyy) Code Enforcement Officer Department</div> <div>Status</div> <div>Open Cure</div> <div>Save Clear</div>					

Non-Performance History Status

☐ Vendor Non-Performance History [VPTS web-site](#)

☐ Vendor is in arrears with Miami-Dade County [Save](#)

Non-Performance History List

Bid #	Non-Performance (mm/dd/yyyy)	Prov.	Termination (mm/dd/yyyy)	Comments

Save Clear

12:35 PM 12/29/2022





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

## Delinquent Contractor Report

The screenshot shows the 'Delinquent Contractor RegFinal' web application. A modal dialog box titled 'Look Up Company Name' is open. It contains a search bar with 'power system' entered, a 'Search' button, and a 'Clear' button. Below the search bar, it says 'No matching values were found.' The background shows the application interface with a table of delinquent contractors.

Business Unit	Company Name	Principal	Current Balance	Dept. User Name	Dept. Email
1					

## INFORMS Affidavits

The screenshot shows the 'Supplier Administration' web application. The 'Affidavits' tab is selected. The page displays the following information:

**Affidavit**

SetID MDC  
Supplier ID 000006795 Short Supplier Name POWER SYST-001 Supplier POWER SYSTEM SOLUTIONS LLC

**1. MIAMI-DADE COUNTY OWNERSHIP DISCLOSURE AFFIDAVIT**  
(Sec. 2-8.1 of the Miami-Dade County Code)

Firms registered to do business with Miami-Dade County, shall require the person contracting or transacting such business with the County to disclose under oath his or her full legal name, and business address. Such contract or transaction shall also require the disclosure under oath of the full legal name and business address of all individuals having any interest (legal, equitable, beneficial or otherwise) in the contract other than subcontractors, material men, suppliers, laborers or lenders. Post office box addresses shall not be accepted hereunder. If the contract or business transaction is with a corporation the foregoing information shall be provided for each officer and director and each stockholder holding, directly or indirectly, five (5) percent or more of the outstanding stock in the corporation. If the contract or business transaction is with a partnership, the foregoing information shall be provided for each partner. If the contract or business transaction is with a trust, the foregoing information shall be provided for the trustee and each beneficiary of the trust. The foregoing disclosure requirements shall not apply to contracts with publicly-traded corporations, or to contracts with the United States or any department or agency thereof, the State or any political subdivision or agency thereof, or any municipality of self-State.

**If no officer, director or stockholder owns (5%) or more of stock, you may leave that section empty.**

Select Principals or Owners or Other Corporation to enter details.

Principals Owners Other Corporations

+Add new Principal





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

Supplier Administration

Full Legal Name	Title	Address	Edit
1			

**2. MIAMI-DADE COUNTY EMPLOYMENT DISCLOSURE AFFIDAVIT**  
(County Ordinance no. 90-133, amending Section 2-8-1(d)(2) of the Miami-Dade County Code)

The following information is for compliance with all items in the aforementioned Section:

1. Does your firm have a collective bargaining agreement with its employees?

☐ Yes ☒ No

2. Does your firm provide paid health benefits for its employees?

☐ Yes ☒ No

3. Provide a current breakdown (number of persons) in your firm's work force indicating race, national origin and gender.

	Number of Employees	
	Males	Females
White Employee		
Black Employee		
Hispanic Employee	2	1
Asian Pacific Employee		

Supplier Administration

Hispanic Employee	2	1
Asian Pacific Employee		
Native American Employee		
Other Employee		
<b>Total Employee</b>	<b>2</b>	<b>1</b>

**3. MIAMI-DADE COUNTY EMPLOYMENT DRUG-FREE WORKPLACE CERTIFICATION**  
(Section 2-8.1.2(b) of the Miami-Dade County Code)

All persons and entities that contract with Miami-Dade County are required to certify that they will maintain a drug-free workplace and such persons and entities are required to provide notice to employees and to impose sanctions for drug violations occurring in the workplace.

In compliance with Ordinance No. 92-15 of the Code of Miami-Dade County, the above-named firm is providing a drug-free workplace. A written statement to each employee shall inform the employee about:

1. Danger of drug abuse in the workplace.
2. The firm's policy of maintaining a drug-free environment at all workplaces.
3. Availability of drug counseling, rehabilitation and employee assistance programs.
4. Penalties that may be imposed upon employees for drug abuse violations.

The firm shall also require an employee to sign a statement, as a condition of employment that the employee will abide by the terms of the drug-free workplace policy and notify the employer of any criminal drug conviction occurring no later than five (5) days after receiving notice of such conviction and impose appropriate personnel action against the employee up to and including termination. Firms may also comply with the County's Drug-free Workplace Certification where a person or entity is required to have a drug-free workplace policy by another local, state or federal agency, or maintains such a policy of its own accord and such policy meets the intent of the ordinance.

☒ I, confirm to Affidavit-3





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

Supplier Administration

**4. MIAMI-DADE COUNTY DISABILITY AND NON-DISCRIMINATION AFFIDAVIT**  
(Resolution R-182-00 amending Resolution R-385-95)  
(Section 2-8.1.5 of the Miami-Dade County Code)  
Firms transacting business with Miami-Dade County shall provide an affirmation indication compliance with all requirements of the Americans with Disabilities Act (A.D.A.)

☒ I, state that this firm, is in compliance with and agrees to continue to comply with, and assure that any subcontractor, or third party contractor shall comply with all applicable requirements of the laws including, but not limited to, those provisions pertaining to employment, provision of programs and services, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (A.D.A.), Pub. L. 101-336, 104 Stat 327, 42 U.S.C Sections 225 and 611 including Titles I, II, III, IV and V.  
The Rehabilitation Act of 1973, 29 U.S.C Section 794.  
The Federal Transit Act, as amended, 49 U.S.C. Section 1612.  
The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631.

☒ I, hereby affirm that I am in compliance with the below sections:

Section 2-8.1.5 of the Code of Miami-Dade County, which requires that firms that have annual gross revenues in excess of five (5) million dollars have an affirmative action plan and procurement policy. Firms that have a Board of Directors that are representative of the population make-up of the nation may be exempt.

**5. MIAMI-DADE COUNTY DEBARMENT DISCLOSURE AFFIDAVIT**  
(Section 10.38 of the Miami-Dade County Code)

Firms wishing to do business with Miami-Dade County must certify that its contractors, subcontractors, officers, principals, stockholders, or affiliates are not debarred by the County before submitting a bid.

☒ I, confirm that none of this firms agents, officers, principals, stockholders, subcontractors or their affiliates are debarred by Miami-Dade County.

**6. MIAMI-DADE COUNTY VENDOR OBLIGATION TO COUNTY AFFIDAVIT**  
(Section 2-8.1 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that all delinquent and currently due fees, taxes and parking tickets have been paid and no individual or entity in arrears under a contract, promissory note or document with the County shall be allowed to receive any new business.

☒ I, confirm that all delinquent and current due fees or taxes including, but not limited to, real and personal property taxes, convention and tourist development taxes, utility taxes, and Local Business Tax Receipt collected in the normal course by the Miami-Dade County Tax Collector and County issued parking tickets for vehicles registered in the name of the above firm, have been paid.

**7. MIAMI-DADE COUNTY CODE OF BUSINESS ETHICS AFFIDAVIT**  
(Article 1, Section 2-8.1(i) of the Code of Miami-Dade County)

A firm seeking to transact business with Miami-Dade County must certify that it has adopted a Code of Business Ethics (Code) which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County. The Code shall apply to all business that firm/contractor transacts with the County and shall, at a minimum, require the firm/contractor to comply with all applicable governmental rules and regulations.

☒ I certify that this firm has adopted a Code which complies with the requirements of Section 2-8.1 of the Code of Miami-Dade County, and that such Code shall apply to all business that this firm/contractor transacts with the County and shall, at a minimum, require this firm/contractor to comply with all applicable governmental rules and regulations.

**8. MIAMI-DADE COUNTY FAMILY LEAVE AFFIDAVIT**  
(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

Supplier Administration

(Article V of Chapter 11, of the Miami-Dade County Code)

Firms contracting business with Miami-Dade County, which have more than fifty (50) employees for each working day during each of twenty (20) or more work weeks in the current or preceding calendar year, are required to certify that they provide family leave to their employees.

Firms with less than the number of employees indicated above are exempt from this requirement.

☒ I, confirm that if applicable, this firm complies with Article V of Chapter 11 of the County Code, which requires that firms contracting business with Miami-Dade County which have more than fifty (50) employees each working day during each of twenty (20) or more work weeks on the current or preceding calendar year are required to certify that they provide family leave to their employees.

---

**9. MIAMI-DADE COUNTY LIVING WAGE AFFIDAVIT**  
(Section 2-8.9 of the Miami-Dade County Code)

All applicable contractors/employers entering into a contract with the County shall agree to pay the prevailing living wage required by this section of the County Code.

☒ I, confirm that if applicable, this firm complies with Section 2-8.9 of the County Code, which requires that all applicable contractors/employers entering into a contract with Miami-Dade County shall pay the prevailing living wage required by the section of the County Code.

---

**10. MIAMI-DADE COUNTY DOMESTIC LEAVE AND REPORTING AFFIDAVIT**  
(Article 8, Section 11A-60 – 11A-67 of the Miami-Dade County Code)

Firms wishing to transact business with Miami-Dade County must certify that it is in compliance with the Domestic Leave Ordinance.

☒ I, confirm that if applicable, this firm complies with the Domestic Leave Ordinance. This ordinance applies to employers that have, in the regular course of business, fifty (50) or more employees working in Miami-Dade County for each working day during the current or preceding calendar year.

Supplier Administration

**11. MIAMI-DADE COUNTY E-VERIFY AFFIDAVIT**  
Obligation for State Funded Contracts:

Executive Order 11-116, which supersedes Executive Order 11-02, directs all agencies under the direction of the Governor to verify the employment eligibility of all new agency employees through the U.S. Department of Homeland Security's E-Verify system. Further, agencies are directed to include as a condition of all contracts for the provision of goods or services to the state in excess of nominal value, an express requirement that contractors utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the contractor during the contract term, and an express requirement that contractors include in such subcontracts the requirement that subcontractors performing work or providing services pursuant to the state contract utilize the E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

In accordance with Executive Order 11-116, Miami-Dade County requires all vendors doing business with the County who are awarded state-funded contracts to verify employee eligibility using the E-Verify system. It is the responsibility of the awarded vendor to insure compliance with E-verify requirements (as applicable). To enroll in E-Verify, employers should visit the E-Verify website (<http://www.uscis.gov/e-verify>) and follow the instructions. The employer must, as usual, retain the I-9 Forms for inspection.

☒ I, confirm to E-Verify Affidavit

---

**12. MIAMI-DADE COUNTY PAY PARITY AFFIDAVIT**  
(Resolution R-1072-17)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

☒ I, hereby affirm that this firm pledges to pay men and women equal wages for equal work, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements of:

1. The Equal Pay Act of 1963, as amended (29 U.S.C. 206(d));
2. Section 448.07 of the Florida Statutes;





# Vendor Compliance Contract No. AV-67323-22-JM

## Power System Solutions - FEIN 475379554

Supplier Administration

13. MIAMI-DADE COUNTY SUSPECTED WORKERS' COMPENSATION FRAUD AFFIDAVIT  
(Resolution No. R-919-18)

All persons or entities contracting with Miami-Dade County shall provide an affidavit indicating compliance with all requirements stated below.

☒ I, **hereby affirm** that this firm pledges to provide written notice and disclosures to all workers, on how to report any suspected workers' compensation fraud to the State of Florida Bureau of Workers' Compensation Fraud, and is in compliance with, agrees to continue to comply with, and assure that any subcontractor or third party contractor shall comply with all applicable requirements.

**AFFIRMATION**  
I, being duly sworn, do attest under penalty of perjury that the entity is in compliance with all requirements outlined in these Miami-Dade County Vendor Affidavits.

I agree, and it is my intent, to sign this record/document by pressing the "I Affirm" button and by electronically submitting this record/document to Miami-Dade County. I understand that my signing and submitting this record/document in this fashion is the legal equivalent of having placed my handwritten signature on the submitted record/document and this affirmation. I understand and agree that by electronically signing and submitting this record/document in this fashion I am affirming to the truth of the information contained therein.

I also attest that I will comply with and keep current all statements sworn to in the above affidavits and registration application. I will notify the Miami-Dade County, Vendor Services Section immediately if any of the statements attested here to are no longer valid.

Person Name: ROBERTO GONZALEZ Title: MANAGING PARTNER Date: 03/01/2017

Summary | Identifying Information | Address | Contacts | Location | Affidavits | Additional Information | Custom





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### Local Business and Property Taxes

The screenshot shows the Miami-Dade County Business Tax Account #7221496 for POWER SYSTEM SOLUTIONS LLC. The account is currently paid in full. The current owner is POWER SYSTEM SOLUTIONS LLC C/O ROBERTO GONZALEZ MGR, and the current business address is 7320 NW 12TH ST STE 113, MIAMI, FL 33126-2913. The account history table shows a series of receipts from 2018 to 2022, all of which are paid in full.

RECEIPTS	AMOUNT DUE	STATUS	ACTION
2022 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HINT-22-395486 Print (PDF)
2022 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HINT-21-399325 Print (PDF)
2021 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HCRDTCARD-20-073399 Print (PDF)
2020 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HCRDTCARD-19-075097 Print (PDF)
2019 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HCRDTCARD-18-024424 Print (PDF)
2018 Receipt #7509007	\$0.00	Paid \$175.00	Receipt HCRDTCARD-18-023394 Print (PDF)

### Sun Biz

The screenshot shows the Sun Biz search results for a Florida Limited Liability Company, POWER SYSTEM SOLUTIONS LLC. The document number is L15000140280, and the FEI/EIN number is 47-5379554. The company is active and was last amended on 12/07/2015. The principal address is 7320 NW 12TH STREET, suite 113, MIAMI, FL 33126. The mailing address is the same. The registered agent name and address are RAVCO, INC., 9240 SW 16 ST, MIAMI, FL 33165. The authorized person(s) detail is not shown.

Document Number	FEI/EIN Number	Date Filed	State	Status	Last Event	Event Date Filed	Event Effective Date
L15000140280	47-5379554	08/17/2015	FL	ACTIVE	LC AMENDMENT	12/07/2015	NONE





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### Compliance Report and/or Workforce Violations

Supplier | How To Find Participating Empl... | Establishment Search Page | Occ... | Home Page - ISD SBD Reports

https://www.miamidade.gov/Apps/ISD/SBDReports/

ISD SBD Reports

Welcome. Please be patient while the report renders.

Use the dropdown list, on the left, to choose your Firm. Then use the yellow, **View report** button, directly to the right, to see your report.

File | Export | View | 1 | Parameters

Firm Name: Required

PHOENIX CONCRETE PLUS, INC.  
Physical Security, LLC  
PLACERES CONSTRUCTION, INC.  
Poole & Kent Company of Florida  
Possebon & Pozzebon Company LLC  
Pradere Manufacturing Corp.  
PRECAST WALL SYSTEMS, INC.

View report

Page 1

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### Florida Convicted Vendor List

Supplier | Convicted Vendor List / Vendor |

https://www.dms.myflorida.com/business\_operations/state\_purchasing/state\_agency\_resources/vendor\_registration\_and\_vendor\_lists/con...

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State Contracts and Agreements

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State Agency Resources

Vendor Resources

Insurance Contracts

Florida Emergency Networks

Contact Us

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Convicted Vendor List

### Convicted Vendor List

The Department of Management Services maintains a "list of the names and addresses of those who have been disqualified from the public contracting and purchasing process" under [section 287.133, Florida Statutes](#).

There are currently no vendors on this list.

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## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### Suspended Contractors

Supplier | Miami-Dade County - Building | egovsys.miamidade.gov:1608/wwwserv/ggvt/BNZAW955.DIA?INPUTNAME=POWER%20SYSTEM

miamidade.gov

Home | Product Control | Contractors | Building Officials | Contact us

Results of Search: POWER SYSTEM

Complaint Number	Contractor Name	Complaint Date	Complaint Type	Last Action
A2019003940	PRO SUB	08/21/2019	ADVERT AS CNTR W/O CC	CASE CLOSED
A2012002526	M GLASS & MIRROR INC	05/04/2012	ADVERT AS CNTR W/O CC	CASE CLOSED
A2012001717	WE INSTALL INC	02/15/2012	ADVERT AS CNTR W/O CC	CASE CLOSED
A2012001474	EAGLE'S FINE CARPENTRY LLC	02/07/2012	FAILURE MAINTAIN INSURANCE	CASE CLOSED
A2012001472	MARIOS PAINTING AND SERVICES INC	02/06/2012	FAILURE MAINTAIN INSURANCE	CASE CLOSED
A2012001130	CALIPSO POOL	01/11/2012	ADVERT AS CNTR W/O CC	CASE CLOSED
A2012001122	MERC'S MAJOR APPLIANCES SERVICE & REPAIR	01/09/2012	NO CC AS MASTER, CNTR, SUB	COLLECTION PAYMENT RECEIVED
A2012001077	MIAMI'S HEAT PAVING	12/30/2011	ADVERT AS CNTR W/O CC	CASE CLOSED
A2008001325	PURO-AIR SYSTEM LLC	01/08/2008	NO CC AS MASTER, CNTR, SUB	CASE CLOSED
A20080000330	POWER SOURCE MAINTENANCE	10/16/2007	FAILURE FULFILL CONTRACT OBLIGATION	CASE CLOSED
A2003001772	PRO SEALER INC.	02/12/2003	ADVERT AS CNTR W/O CC	CASE CLOSED

A complaint does not necessarily represent a finding of wrong doing by a Contractor.  
For additional information about specific complaints, call the Contractor Enforcement Section at (786) 315-2561.

Next Page Page: 1

APPLICATION HISTORY INQUIRY SUCCESSFUL (MORE ENTRIES)

BCCO Contractor Inquiry and Complaint Search | BCCO Home Page | State License Search Menu

Home | About | Phone Directory | Privacy | Disclaimer

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### Florida Suspended Contractors

Supplier | Miami-Dade County - Building | Suspended Vendor List / Vendor | https://www.dms.myflorida.com/business\_operations/state\_purchasing/state\_agency\_resources/vendor\_registration\_and\_vendor\_lists/susp...

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State Agency Resources  
Vendor Resources  
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State Purchasing Website  
Feedback

Return to Business Operations Main Page

Florida Department of Management Services > Business Operations > State Purchasing > State Agency Resources > Vendor Registration and Vendor Lists > Suspended Vendor List

### Suspended Vendor List

The Department of Management Services maintains a list of vendors that have been removed from the Vendor List pursuant to [section 287.1351, Florida Statutes](#).

Vendor Name/Address	Agency of Origin	Effective Date	Notice of Default
Building Maintenance of America, LLC d/b/a Florida Building Maintenance 333 North Falkenburg Road #A117 Tampa, FL 33619	DMS	07/02/14	<a href="#">Notice of Default - Building Maintenance of America, LLC d/b/a Florida Building Maintenance</a> (15 575.81 KB)
Club Tex, Inc. 2025 Broadway, Suite #15G New York, NY 10023	DOC	01/24/19	<a href="#">Notice of Default - Club Tex, Inc.</a> (15 111.75 KB)
Correctional Consultants, LLC P.O. Box 515 Chattahoochee, FL 32324	DOC	12/10/19	<a href="#">Notice of Default - Correctional Consultants, LLC</a> (15 85.95 KB)
iColor Printing and Mailing, Inc. 22873 Lockness Avenue Torrance, CA 90501	DEP	02/20/12	<a href="#">Notice of Default - iColor Printing and Mailing, Inc.</a> (15 320.17 KB)
Visual Image Design Firm, LLC 6845 Narcoossee Road, Suite 59 Orlando, FL 32822	DOH	06/25/15	<a href="#">Notice of Default - Visual Image Design Firm, LLC</a> (15 1.78 MB)

Updated 12/10/19



## Scrutinized Companies – 287.135.FS

August 23, 2022  
Page 4

Prohibited Investments (Scrutinized Companies)	Scrutinized Country	Country of Incorporation	Initial Appearance on Scrutinized List	Full Divestment
Oil India Ltd	Sudan	India	September 18, 2012	Yes
Oil & Natural Gas Corp (ONGC)	Sudan & Iran	India	September 19, 2007	Yes
ONGC Videsh Limited (OVL)	Sudan & Iran	India	March 18, 2014	Yes
Orca Gold Inc.	Sudan	Canada	December 9, 2014	Yes
<b>Perseus Mining Ltd</b>	<b>Sudan</b>	<b>Australia</b>	<b>August 23, 2022</b>	<b>Prior to August 23, 2023</b>
PetroChina	Sudan & Iran	China	September 19, 2007	Yes
Petrolim Nasional (Petrinas)	Sudan & Iran	Malaysia	September 19, 2007	Yes
Petrinas Capital Limited	Sudan & Iran	Malaysia	September 19, 2007	Yes
Petrinas Chemicals Bhd	Sudan & Iran	Malaysia	June 16, 2011	Yes
Petrinas Dagangan Bhd	Sudan & Iran	Malaysia	September 19, 2007	Yes
Petrinas Gas Berhad	Sudan & Iran	Malaysia	September 19, 2007	Yes
Petrinas Global Sukuk	Sudan & Iran	Malaysia	August 2, 2016	Yes
Putrajaya Management Sdn Bhd	Sudan & Iran	Malaysia	March 18, 2014	Yes
Sinopec Capital 2013 Ltd	Sudan & Iran	China	September 24, 2013	Yes
Sinopec Capital 2013 Ltd	Sudan & Iran	China	September 24, 2013	Yes
Sinopec Capital 2013 Ltd	Sudan & Iran	China	September 24, 2013	Yes

## Scrutinized Companies that Boycott Israel – 215-4725-FS

Table 9: **Scrutinized Companies that Boycott Israel**  
*New companies on the list are shaded and in bold. (No companies added this quarter.)*

Scrutinized Company that Boycott Israel	Country of Incorporation	Date of Initial Scrutinized Classification
Betsah Invest SA	Luxembourg	August 2, 2016
Betsah SA	Luxembourg	August 2, 2016
Cactus SA	Luxembourg	August 2, 2016
Co-operative Group Limited	United Kingdom	September 26, 2017
Guloguz Dis Deposu Ticaret Ve Pazarlama Ltd	Turkey	August 2, 2016
Unilever PLC (Ben & Jerry's parent company)	United Kingdom	July 29, 2021
Hindustan Unilever Ltd	India	July 29, 2021
PT Unilever Indonesia Tbk	Indonesia	July 29, 2021
Unilever Bangladesh Ltd	Bangladesh	July 29, 2021
Unilever Capital Corp (Unilever PLC bond issuance)	United States	July 29, 2021
Unilever Caribbean Ltd	Trinidad and Tobago	July 29, 2021
Unilever Consumer Care Ltd	Bangladesh	July 29, 2021
Unilever Côte d'Ivoire	Ivory Coast	July 29, 2021
Unilever Finance Netherlands BV (Unilever PLC bond issuance)	Netherlands	July 29, 2021
Unilever Ghana Ltd	Ghana	July 29, 2021





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### System for Award Management (SAM)

The screenshot shows the SAM.gov search results page. The search bar at the top contains the text "e.g. 1606N020Q02". The search results are displayed in a table format. The first result is titled "J065--Intent to Sole Source Notice - Siemens Imaging Equipment Maintenance and Repair." and has a Notice ID of 36C24223Q0214. The second result is titled "84--INL\_Protective Equipment SSPM CIUDAD JUAREZ" and has a Notice ID of 19MX9023Q0005. The search results are sorted by "Date Modified/Updated".

Notice ID	Notice Title	Department/Ind. Agency	Subtier	Office	Notice Type	Updated Date	Published Date
J065--	Intent to Sole Source Notice - Siemens Imaging Equipment Maintenance and Repair.	VETERANS AFFAIRS, DEPARTMENT OF	VETERANS AFFAIRS, DEPARTMENT OF	242-NETWORK CONTRACT OFFICE 02 (36C242)	Original Special Notice	Dec 29, 2022	Dec 29, 2022
84--INL_	Protective Equipment SSPM CIUDAD JUAREZ	STATE, DEPARTMENT OF	STATE, DEPARTMENT OF	AMERICAN EMBASSY MEXICO - NAS	Original Combined Synopsis/Solicitation	Dec 28, 2022	

### Department of Justice

The screenshot shows the U.S. Department of Justice search results page. The search bar at the top contains the text "power system solutions". The search results are displayed in a list format. The first result is titled "Antitrust Case Filings" and has a URL of https://www.justice.gov/atr/antitrust-case-filings-alpha. The second result is titled "U.S. And Plaintiff States V. Oracle Corp. Trial Exhibits" and has a URL of https://www.justice.gov/atr/usdoj-antitrust-division-us-and-plaintiff-states-v-oracle-corporation. The third result is titled "Department of Justice FY2015 Service Contract Inventory Report" and has a URL of https://www.justice.gov/jmd/file/872281/download. The fourth result is titled "FY 2022-2026 Strategic Plan" and has a URL of https://www.justice.gov/doj/book/file/1516901/download.

Result Title	URL
Antitrust Case Filings	https://www.justice.gov/atr/antitrust-case-filings-alpha
U.S. And Plaintiff States V. Oracle Corp. Trial Exhibits	https://www.justice.gov/atr/usdoj-antitrust-division-us-and-plaintiff-states-v-oracle-corporation
Department of Justice FY2015 Service Contract Inventory Report	https://www.justice.gov/jmd/file/872281/download
FY 2022-2026 Strategic Plan	https://www.justice.gov/doj/book/file/1516901/download





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554

Local Certified Veteran Business Enterprise

Supplier | Miami-Dade County - Building | OSD

https://osd.dms.myflorida.com/directories/results?directory%5Bcommodity\_code%5D=&directory%5Bcommodity\_description%5D=&dire...

**MANAGEMENT SERVICES**  
Office of Supplier Diversity

**Search Results** [Excel](#) [Back to Certified Directory](#)

Show 10 entries Search:

Name	Contact	Address	City	State	Phone
No data available in table					

Showing 0 to 0 of 0 entries [Previous](#) [Next](#)

[DMS Home](#) | [OSD Home](#) | [Certified Vendor Directory](#)

12:49 PM 12/29/2022

E-Verify



Company ID Number: 1743296

Approved by:

<b>Employer</b> Power System Solutions, LLC	
Name (Please Type or Print) Roberto Gonzalez	Title
Signature Electronically Signed	Date 09/29/2021
<b>Department of Homeland Security – Verification Division</b>	
Name (Please Type or Print) USCIS Verification Division	Title
Signature Electronically Signed	Date 09/29/2021





Vendor Compliance Contract No. AV-67323-22-JM  
Power System Solutions - FEIN 475379554



Company ID Number: 1743296

Information Required for the E-Verify Program	
Information relating to your Company:	
Company Name	Power System Solutions, LLC
Company Facility Address	7320 NW 12th Street, Unit 113 Miami, FL 33126
Company Alternate Address	
County or Parish	MIAMI-DADE
Employer Identification Number	475379554
North American Industry Classification Systems Code	238
Parent Company	
Number of Employees	1 to 4
Number of Sites Verified for	1 site(s)



Company ID Number: 1743296

Information relating to the Program Administrator(s) for your Company on policy questions or operational problems:

Name Roberto Gonzalez  
Phone Number 3057756386  
Fax 3059015591  
Email contact@pss-fl.com





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

### OSHA

Supplier x How To Find Participating Emplo... x Establishment Search Page | Occ... x

https://www.osha.gov/ords/imis/establishment.html?p\_message=2&establishment=power%20system%20solutions&state=all&office=...

UNITED STATES  
DEPARTMENT OF LABOR

Occupational Safety and Health Administration

CONTACT US FAQ A TO Z INDEX ENGLISH ESPAÑOL

OSHA ▾ STANDARDS ▾ ENFORCEMENT TOPICS ▾ HELP AND RESOURCES ▾ NEWS ▾

SEARCH OSHA

### Establishment Search

**Reflects inspection data through 12/27/2022**

This page enables the user to search for OSHA enforcement inspections by the name of the establishment. Information may also be obtained for a specified inspection or inspections within a specified SIC.

**Note:** Please read important information below regarding interpreting search results before using.

Search By:

**Your search did not return any results.**

Establishment   
(This box can also be used to search for a State Activity Number for the following states: NC, SC, KY, IN, OR and WA)

State

OSHA Office

Site Zip Code

Case Status ☒ All ☐ Closed ☐ Open

12:51 PM  
12/29/2022

### Professional Licenses

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION

Florida dbpr Department of Business & Professional Regulation

HOME CONTACT US MY ACCOUNT

7:24:14 AM 8/26/2022

### ONLINE SERVICES

- Apply for a License
- Verify a Licensee
- View Food & Lodging Inspections
- File a Complaint
- Continuing Education Course Search
- View Application Status
- Find Exam Information
- Unlicensed Activity Search
- AB&T Delinquent Invoice & Activity List Search

### LICENSEE DETAILS

Licensee Information

Name:	GONZALEZ, ROBERTO (Primary Name)
Main Address:	POWER SYSTEM SOLUTIONS, LLC (DBA Name) 7320 NW 12TH STREET, UNIT 113 MIAMI Florida 33126
County:	DADE
License Mailing:	9240 SW 16TH STREET MIAMI FL 33165
County:	DADE

License Information

License Type:	Certified Electrical Contractor
Rank:	Cert Electrical
License Number:	EC13007603
Status:	Current/Active
Licensure Date:	07/26/2016
Expires:	08/31/2024

Special Qualifications

Qualification Effective

Alternate Names

View Related License Information

View License Complaint

2601 Blair Stone Road, Tallahassee FL 32399 : Email: Customer Contact Center : Customer Contact Center: 850.487.1395

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Under Florida law, email addresses are public records. If you do not want your email address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. \*Pursuant to Section 495.27(1), Florida Statutes, effective October 1, 2017, licensees licensed under Chapter 495, F.S., must provide the Department with an email address if they have one. The email provided may be used for official communication with the licensee. However, email addresses are public records. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. Please see our Chapter 495 page to determine if you are affected by this change.





## Vendor Compliance Contract No. AV-67323-22-JM Power System Solutions - FEIN 475379554

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION



Department of Business  
& Professional Regulation

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ONLINE SERVICES

[Apply for a License](#)  
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[View Food & Lodging Inspections](#)  
[File a Complaint](#)  
[Continuing Education Course Search](#)  
[View Application Status](#)  
[Find Exam Information](#)  
[Unlicensed Activity Search](#)  
[AB&T Delinquent Invoice & Activity List Search](#)

LICENSEE DETAILS

7:16:00 AM 8/31/2022

Licensee Information

Name:	GONZALEZ, ROBERTO (Primary Name)
Main Address:	7320 NW 12TH STREET, UNIT 113 MIAMI Florida 33126
County:	DADE
License Mailing:	9240 SW 16TH STREET MIAMI FL 33165
County:	DADE

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	69773
Status:	Current,Active
Licensure Date:	06/26/2009
Expires:	02/28/2023

Special Qualifications	Qualification Effective
Electrical & Computer	11/05/2008

Alternate Names

View Related License Information

View License Complaint

2001 Blair Stone Road, Tallahassee FL 32399 - Email: Customer Contact Center - Customer Contact Center: 850.487.1395

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## NON-COLLUSION AFFIDAVIT

(In accordance with Sections 2-8.1.1 and 10-33.02.1 of the Code of Miami-Dade County)

I, the undersigned, am over 18 years of age, have personal knowledge of the facts stated in the Non-Collusion Affidavit (*this Affidavit*) and I am an owner, officer, director, principal shareholder and/or otherwise authorized to bind the Bidder/Proposer of this solicitation.

- A. I have reviewed the list of respondents attached to this Affidavit. I state that the Bidder/Proposer of this competitive solicitation (check one):

☒ is **not related** to any of the other respondents submitting a Bid/Proposal in the competitive solicitation.

☐ is **related** to the following respondents who submitted a Bid/Proposal in the competitive solicitation, which are identified and listed below:

- B. I state that the Bidder/Proposer of this competitive solicitation:

1. has prepared this Bid/Proposal independently without consultation, communication, agreement or arrangement with any other Bidder/Proposer or competitor for the purpose of restricting competition;
2. has submitted the Bid/Proposal in its own behalf, and not in the interest or on behalf of any person not therein named;
3. has not, directly or indirectly, induced or solicited any other Bidder/Proposer to put in a sham proposal, or any other person, firm, or corporation to refrain from proposing;
4. has not in any manner sought by collusion to secure an advantage over any other Bidder/Proposer.

**Note:** Any person or entity that fails to submit this executed Affidavit shall be ineligible for contract award. In accordance with Section 2-8.1.1 of the Code of Miami-Dade County, where two or more related parties, as defined herein, each submit a Bid for any contract, such Bids shall be presumed to be collusive. The foregoing presumption may be rebutted by the presentation of evidence as to the extent of ownership, control and management of such related parties in preparation and submittal of such Bids. **Related parties** shall mean the Bidder/Proposer; the principals, corporate officers, and managers of a Bidder/Proposer; or the spouse, domestic partner, parents, stepparents, siblings, children or stepchildren of a Bidder/Proposer or the principals, corporate officers and managers thereof which have a direct or indirect ownership interest in another Bidder/Proposer for the same contract or in which a parent company or the principals thereof of one Bidder/Proposer have a direct or indirect ownership interest in another Bidder/Proposer for the same contract. Bid/Proposal found to be collusive shall be rejected. Bidder/Proposer who has been found to have engaged in collusion may be considered non-responsible, and may be suspended or debarred, and any contract resulting from collusive bidding may be terminated for default.

**Written Declaration:** Pursuant to §92.525, Florida Statutes, under penalties of perjury, I declare that I have read the foregoing Affidavit and that the facts stated in it are true, accurate, and complete.

Solicitation No.: AV-67323-22-JM Solicitation Title: MIA Central Boulevard Signage UPS Replacement

By: \_\_\_\_\_  
Signature of Affiant

Date: December 30, 2022

Roberto Gonzalez, Managing Partner  
Printed Name of Affiant and Title

4 / 7 - 5 / 3 / 7 / 9 / 5 / 5 / 4  
Federal Employer Identification Number

POWER SYSTEM SOLUTIONS, LLC  
Printed Name of Bidder/Proposer

7320 NW 12TH STREET, UNIT 113, MIAMI, FLORIDA 33126  
Address of Bidder/Proposer





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

01/03/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

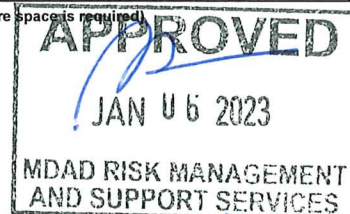
<b>PRODUCER</b> FIRST SOLUTION INSURANCE 6530 Coral Way  Miami FL 33155		<b>CONTACT</b> NAME: Joe Janulionis PHONE (A/C, No, Ext): (305) 667-6530 E-MAIL: joe@firstsolutioninsurance.com ADDRESS: 3057408211	
<b>INSURED</b> POWER SYSTEM SOLUTIONS, LLC 7320 NW 12th Street Unit 113 Miami FL 33126		<b>INSURER(S) AFFORDING COVERAGE</b> INSURER A: James River Insurance Company INSURER B: INFINITY ASSURANCE INSURANCE INSURER C: MARKEL INSURER D: HISCOX PRO INSURER E: INSURER F:	

**COVERAGES****CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		00117862-0	06/08/2022	06/08/2023	EACH OCCURRENCE \$ 1,000,000.00 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000.00 MED EXP (Any one person) \$ 5,000.00 PERSONAL & ADV INJURY \$ 1,000,000.00 GENERAL AGGREGATE \$ 2,000,000.00 PRODUCTS - COMP/OP AGG \$ 1,000,000.00 \$
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input checked="" type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		50982003079001	11/29/2022	11/29/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000.00 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP \$ 10,000.00
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		EZXS3065347	06/08/2022	06/08/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
D	PROFESSIONAL LIABILITY		ANE2001755.19	08/04/2022	08/04/2023	Aggregate Limit \$250,000.00

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

**CERTIFICATE HOLDER****CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

**AUTHORIZED REPRESENTATIVE**

Miami Dade Aviation Department  
Attn.: Risk Management Division  
PO BOX 025504  
Miami, FL 33102

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Brown & Brown of Florida, Inc.  
P.O. Box 2412  
Daytona Beach, FL 32115-2412  
P: (800) 877-2769  
bbinsurance.com

January 3, 2022

Miami-Dade County  
P O Box 025504  
Miami, FL 33102-5504

Re: Power System Solutions, LLC

Obligee:	Miami-Dade County
Project:	MIA Central Boulevard Signage UPS Replacement
Bond No.:	NFL2702
Bond Amount:	\$218,625.00

Gentlemen:

You are hereby authorized to date the Performance/Payment Bond and Power of Attorney on or after the date of the contract on the above project, provided that the contract is executed within a reasonable amount of time and that there are no material modifications to the contract the subject bond covers.

Merchants National Bonding, Inc.

A handwritten signature in black ink, appearing to read 'Tyler D DeBord', written over a horizontal line.

Tyler D DeBord, Attorney-In-Fact





## SURETY PERFORMANCE BOND

Bond No. NFL2702

By this Bond, We Power System Solutions, LLC, as Principal, whose principal business address is \*\*, as Contractor under the contract dated \_\_\_\_\_, 20 \_\_, between Principal and Miami-Dade County for the construction of MIA Central Boulevard Signage UPS Replacement Bid No. AV-67323-22-JM (herein after referred to as "Contract") the terms of which Contract are incorporated by reference in its entirety into this Bond and Merchants National Bonding, Inc.

\_\_\_\_\_, a corporation, whose principal business address is 6700 Westown Parkway  
West Des Moines, IA 50266

as Surety, are bound to Miami-Dade County (hereinafter referred to as "County") in the sum of Two Hundred Eighteen Thousand Six Hundred Twenty Five and 00/100 (U.S. dollars) \$218,625.00,<sup>1</sup> for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

\*\*7320 NW 12th Street, Suite 113, Miami, FL 33126

THE CONDITION OF THIS BOND is that if Principal:

1. Performs all the work under the Contract, including but not limited to guarantees, warranties and the curing of latent defects, said Contract being made a part of this bond by reference, and in the times and in the manner prescribed in the Contract, including any and all damages for delay; and
2. Pays County all losses, damages, including damages for delay, expenses, costs and attorney's fees, including appellate proceedings, that County sustains because of a default by Principal under the Contract, including but not limited to a failure to honor all guarantees and warranties or to cure latent defects in its work or materials within the time period provided in Section 95.11(3)(c), Florida Statutes; and
3. Performs the guarantee of all work and materials furnished under the contract for the time specified in the Contract, including all warranties and curing all latent defects within the time period provided in Section 95.11(3)(c), Florida Statutes;

then this bond is void; otherwise it remains in full force.

Surety specifically assumes liability for any and all delay damages arising from Principal's default of the Contract, as well as all latent defects uncovered in the work of the Principal after final acceptance of the work by the County.

Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

This Bond shall remain in full force and effect for such period or periods of time after the date of acceptance by the County of the Contract work as are provided for in the Contract by which Principal guarantees to repair or replace any or all work performed or materials and equipment furnished, which were not performed or furnished according to the terms of the Contract. If no specific periods of warranty are stated in the Contract for any particular item or work, material or equipment, the warranty shall be deemed to be a period of one (1) year from the date of final acceptance by the County; provided however, that this limitation does not apply to suits seeking damages for latent defects in materials or workmanship, such actions being subject to the limitations found in Section 95.11(2)(b), Florida Statutes.

PFB-1



12/19 DBE 08PFB

M. L. FORD COOKFIELD



**SURETY PERFORMANCE BOND (Cont'd)**

IN WITNESS WHEREOF, the above bounden parties have caused this Bond to be executed by their appropriate officials as of the 4<sup>th</sup> day of January, 2023

**CONTRACTOR**

Power System Solutions, LLC  
(Contractor Name)

BY: *Roberto Gonzalez*  
(President) (Managing Partner or Joint Venturer)

(SEAL)

**COUNTERSIGNED BY RESIDENT  
FLORIDA AGENT OF SURETY:**

*Tyler Durant DeBord*  
(Copy of Agent's current  
Identification Card as issued by  
State of Florida Insurance Commissioner must be attached) By:

**SURETY:**  
Merchants National Bonding, Inc.

*Tyler D DeBord*  
Attorney-in-Fact

(CORPORATE SEAL)

(Power of Attorney must be attached)

<sup>1</sup> Performance Bond must be equivalent to one hundred percent (100%) of the Contract price.

PFB-2



12/19 DBE 08PFB



**MERCHANTS**  
**BONDING COMPANY,™**  
**POWER OF ATTORNEY**

Know All Persons By These Presents, that MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., both being corporations of the State of Iowa (herein collectively called the "Companies") do hereby make, constitute and appoint, individually,

Pamela J Thompson; Steve P Farmer; Tyler D DeBord

their true and lawful Attorney(s)-in-Fact, to sign its name as surety(ies) and to execute, seal and acknowledge any and all bonds, undertakings, contracts and other written instruments in the nature thereof, on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

This Power-of-Attorney is granted and is signed and sealed by facsimile under and by authority of the following By-Laws adopted by the Board of Directors of Merchants Bonding Company (Mutual) on April 23, 2011 and amended August 14, 2015 and adopted by the Board of Directors of Merchants National Bonding, Inc., on October 16, 2015.

"The President, Secretary, Treasurer, or any Assistant Treasurer or any Assistant Secretary or any Vice President shall have power and authority to appoint Attorneys-in-Fact, and to authorize them to execute on behalf of the Company, and attach the seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof."

"The signature of any authorized officer and the seal of the Company may be affixed by facsimile or electronic transmission to any Power of Attorney or Certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligations of the Company, and such signature and seal when so used shall have the same force and effect as though manually fixed."

In connection with obligations in favor of the Florida Department of Transportation only, it is agreed that the power and authority hereby given to the Attorney-in-Fact includes any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts required by the State of Florida Department of Transportation. It is fully understood that consenting to the State of Florida Department of Transportation making payment of the final estimate to the Contractor and/or its assignee, shall not relieve this surety company of any of its obligations under its bond.

In connection with obligations in favor of the Kentucky Department of Highways only, it is agreed that the power and authority hereby given to the Attorney-in-Fact cannot be modified or revoked unless prior written personal notice of such intent has been given to the Commissioner-Department of Highways of the Commonwealth of Kentucky at least thirty (30) days prior to the modification or revocation.

In Witness Whereof, the Companies have caused this instrument to be signed and sealed this 11th day of February, 2020.



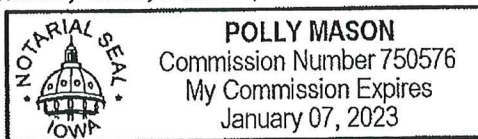
MERCHANTS BONDING COMPANY (MUTUAL)  
MERCHANTS NATIONAL BONDING, INC.

By

*Larry Taylor*  
President

STATE OF IOWA  
COUNTY OF DALLAS ss.

On this 11th day of February, 2020, before me appeared Larry Taylor, to me personally known, who being by me duly sworn did say that he is President of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC.; and that the seals affixed to the foregoing instrument are the Corporate Seals of the Companies; and that the said instrument was signed and sealed in behalf of the Companies by authority of their respective Boards of Directors.



*Polly Mason*  
Notary Public

(Expiration of notary's commission  
does not invalidate this instrument)

I, William Warner, Jr., Secretary of MERCHANTS BONDING COMPANY (MUTUAL) and MERCHANTS NATIONAL BONDING, INC., do hereby certify that the above and foregoing is a true and correct copy of the POWER-OF-ATTORNEY executed by said Companies, which is still in full force and effect and has not been amended or revoked.

In Witness Whereof, I have hereunto set my hand and affixed the seal of the Companies on this \_\_\_\_\_ day of \_\_\_\_\_



*William Warner Jr.*  
Secretary

POA 0018 (1/20)





# FLORIDA DEPARTMENT OF FINANCIAL SERVICES

***TYLER DURANT DEBORD***

***License Number : W025075***

**Resident Insurance License**

• 0220 - GENERAL LINES (PROP & CAS)

**Issue Date**

11/23/2010

**Please Note:** To validate the accuracy of this license you may review the individual or business entity's license record under "Licensee Search" on the FL Dept. of Financial Services website at <http://www.myfloridacfo.com/agents/>.

*Alex Sink*

Alex Sink  
Chief Financial Officer  
State of Florida



*Minford Coakley*



## Manjarres, Juliana (Aviation)

---

**From:** Manjarres, Juliana (Aviation)  
**Sent:** Monday, January 9, 2023 11:18 AM  
**To:** Roberto Gonzalez  
**Cc:** Garcia, Richard (Aviation); Alvarez, Jorge (Aviation); Juan Carlos Mederos  
**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Thank you, Roberto.

Per our meeting this morning, I would like to confirm that you are clear as to what MDAD's expectations are, per contract No. ITQ AV-67323-22-JM, and will be in communication with our project manager to confirm the equipment's lead time and next steps.

Have a great day.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)  
[www.iflymia.com](http://www.iflymia.com)

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---

**From:** Roberto Gonzalez <[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)>  
**Sent:** Monday, January 9, 2023 11:05 AM  
**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>  
**Cc:** Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Juan Carlos Mederos <[jcmaderos@pss-fl.com](mailto:jcmaderos@pss-fl.com)>  
**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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Hi Juliana,

Thank you for the teleconference today. Click on the link below so that you see the kind of equipment we plan on renting for this job. We'll need it for no more than one week.



<https://www.unitedrentals.com/marketplace/equipment/forklifts/reach-forklifts/telehandler-reach-forklift-40-ft-49-ft-6000-lbs-0>

Regards,

Roberto Gonzalez, P.E.

**Power System Solutions, LLC**

7320 NW 12<sup>th</sup> Street, Unit 113

Miami, Florida 33126

T: (305) 676-6465

F: (305) 901-5591

[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)

[www.pss-fl.com](http://www.pss-fl.com)

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---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Friday, January 6, 2023 3:28 PM

**To:** Roberto Gonzalez <[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Hello Roberto,

The COI and Bonds have been approved. MDAD would like to set-up a quick call Monday Morning to discuss the project schedule and ensure everyone understands the rules as provided in the contract documents. Are you available at 9:30 a.m.? Please let me know.

Thank you.

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist

Miami-Dade Aviation Department, Procurement & Materials Management Division

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

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[www.iflymia.com](http://www.iflymia.com)

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**From:** Manjarres, Juliana (Aviation)

**Sent:** Friday, January 6, 2023 10:56 AM

**To:** Roberto Gonzalez <[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*



Thank you very much, Roberto. MDAD is in receipt of the COI and Bond which have been forwarded to our Risk team for review and approval to proceed. I will provide you with an update as soon as one becomes available.

Respectfully,

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist  
Miami-Dade Aviation Department, Procurement & Materials Management Division  
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Miami, Florida 33102-5504  
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[www.iflymia.com](http://www.iflymia.com)

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**From:** Roberto Gonzalez <[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)>

**Sent:** Tuesday, January 3, 2023 10:00 PM

**To:** [contact@pss-fl.com](mailto:contact@pss-fl.com); Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>; Novela, Sylvia (Aviation) <[SNovela@FlyMIA.com](mailto:SNovela@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Londono, Carolina A. (Aviation) <[CLondono@FlyMIA.com](mailto:CLondono@FlyMIA.com)>; Wright, Tiondra (Aviation) <[TiWright@FlyMIA.com](mailto:TiWright@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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Hello Sylvia,

See attached COI and executed bond forms. I don't think there is anything else that we owe you. We will go ahead and order equipment and propose a schedule for the project.

Regards,

Roberto Gonzalez, P.E.

**Power System Solutions, LLC**

7320 NW 12<sup>th</sup> Street, Unit 113  
Miami, Florida 33126  
T: (305) 676-6465  
F: (305) 901-5591

[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)

[www.pss-fl.com](http://www.pss-fl.com)

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**From:** Roberto Gonzalez

**Sent:** Tuesday, January 3, 2023 3:02 PM

**To:** [contact@pss-fl.com](mailto:contact@pss-fl.com); Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Londono, Carolina A. (Aviation) <[CLondono@FlyMIA.com](mailto:CLondono@FlyMIA.com)>; Wright, Tiondra (Aviation) <[TiWright@FlyMIA.com](mailto:TiWright@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Hello Juliana,

We have secured the bond but need to use the MDC's bond forms per the contract documents. Please send them as soon as possible so that we can send you the bond and the COI.

Regards,

Roberto Gonzalez, P.E.

**Power System Solutions, LLC**

7320 NW 12<sup>th</sup> Street, Unit 113

Miami, Florida 33126

T: (305) 676-6465

F: (305) 901-5591

[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)

[www.pss-fl.com](http://www.pss-fl.com)

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**From:** [contact@pss-fl.com](mailto:contact@pss-fl.com)

**Sent:** Friday, December 30, 2022 11:29 AM

**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>; [contact@pss-fl.com](mailto:contact@pss-fl.com)

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Londono, Carolina A. (Aviation) <[CLondono@FlyMIA.com](mailto:CLondono@FlyMIA.com)>; Wright, Tiondra (Aviation) <[TiWright@FlyMIA.com](mailto:TiWright@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Juliana,

See attached collusion affidavit.

RG

---

**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Friday, December 30, 2022 10:57 AM

**To:** [contact@pss-fl.com](mailto:contact@pss-fl.com)

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>; Londono, Carolina A. (Aviation) <[CLondono@FlyMIA.com](mailto:CLondono@FlyMIA.com)>; Wright, Tiondra (Aviation) <[TiWright@FlyMIA.com](mailto:TiWright@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*



Thank you, Roberto.

I will submit all the documents for review and approval as soon as they are received. Once everything is approved, I will be able to issue the Purchase Order. Please note I will be away from the office next week, therefore, please ensure Carolina Londono, copied herein, is copied in all correspondence to ensure there are no delays with the review.

Respectfully,

**Juliana Manjarres, CPSM**

Airport Purchasing Specialist

Miami-Dade Aviation Department, Procurement & Materials Management Division

P.O. Box 025504

Miami, Florida 33102-5504

305-869-3010 Phone

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**From:** [contact@pss-fl.com](mailto:contact@pss-fl.com) <[contact@pss-fl.com](mailto:contact@pss-fl.com)>

**Sent:** Friday, December 30, 2022 10:12 AM

**To:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Cc:** Clerk of the Board (COC) <[Clerk.Board@miamidade.gov](mailto:Clerk.Board@miamidade.gov)>; Garcia, Richard (Aviation) <[RGarcia@FlyMIA.com](mailto:RGarcia@FlyMIA.com)>; Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** RE: \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

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Good Morning Juliana,

E-mail received. We will get to work on the bond right away and place the order for the equipment with Eaton.

Regards,

Roberto Gonzalez, P.E.

**Power System Solutions, LLC**

7320 NW 12<sup>th</sup> Street, Unit 113

Miami, Florida 33126

T: (305) 676-6465

F: (305) 901-5591

[rgonzalez@pss-fl.com](mailto:rgonzalez@pss-fl.com)

[www.pss-fl.com](http://www.pss-fl.com)



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**From:** Manjarres, Juliana (Aviation) <[JManjarres@FlyMIA.com](mailto:JManjarres@FlyMIA.com)>

**Sent:** Friday, December 30, 2022 9:40 AM

**To:** [davidf@appind.com](mailto:davidf@appind.com); [Geoffrey.dopkins@dc-group.com](mailto:Geoffrey.dopkins@dc-group.com); [Kfreitag@criticaleg.com](mailto:Kfreitag@criticaleg.com);  
[christian.davis@unifiedpowerusa.com](mailto:christian.davis@unifiedpowerusa.com); [david@pcsolutions.us](mailto:david@pcsolutions.us); [contact@pss-fl.com](mailto:contact@pss-fl.com); [charles.pharr@nolanpower.com](mailto:charles.pharr@nolanpower.com);  
[michael.hernandez@natpow.com](mailto:michael.hernandez@natpow.com); [wjohnson@gps-us.com](mailto:wjohnson@gps-us.com); [dadecounty@graybar.com](mailto:dadecounty@graybar.com); [ddiaz@ncsworldwide.com](mailto:ddiaz@ncsworldwide.com);  
[grupoinpower@gmail.com](mailto:grupoinpower@gmail.com); [terry@nstpower.com](mailto:terry@nstpower.com); [Alexander.azcurra@cpsgroupinc.net](mailto:Alexander.azcurra@cpsgroupinc.net); [johnb@mainerv360.com](mailto:johnb@mainerv360.com)

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Alvarez, Jorge (Aviation) <[JALVAREZ@FlyMIA.com](mailto:JALVAREZ@FlyMIA.com)>

**Subject:** \*\*Award Notice - ITQ No. AV-67323-22-JM MIA Central Boulevard Signage UPS Replacement\*\*

Good Morning,

Please find attached the Notice to Award correspondence for the subject mentioned solicitation.

Thank you.

**Juliana Manjarres, CPSM, Airport Purchasing Specialist**  
**Miami-Dade Aviation Department**

P.O. Box 025504  
Miami, Florida 33102-5504  
305-869-3010 Phone  
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Manage Requisitions

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Edit Solicitation AV-67323-22-JM

https://intrax.miamidade.gov/apps/ISD/SBDCOS/Home/EditRequest/193766

MIAMI-DADE COUNTY

ISD SBD Cone of Silence

Hello Manjarres, Juliana (Aviation) !

Sign out

Cone of Silence ReportPower BIPDF

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Solicitation

Detail Line Items

Project Type

G&S

Solicitation No.

AV-67323-22-JM

Pre-Qual. Pool No. (Contract/Project No.)

RTQ-0004-1(1)

Contact Name

MANJARRES, JULIANA (AVIATIO

Title Description

MIA CENTRAL BOULEVARD SIGNAGE UPS REPLACEMENT

Contact Phone

3058693010

Advertise Date

07/01/2022

Bid Due Date

08/17/2022

Award Date

01/09/2023

Comments

A PROTEST AS RECEIVED FOR THIS AWARD, WHICH WAS DENIED BY THE MAYOR ON 12.5.2022. AWARDED TO NEXT BIDDER

Save

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