

Greater Orlando Aviation Authority
Addendum No. 6
Job Order Construction Services
(Page 1 of 2)

THIS ADDENDUM, made and entered into this day of Dec 19, 2023, by and between the **GREATER ORLANDO AVIATION AUTHORITY**, ("Owner") and **Power Engineering Group, Inc.**, ("Contractor").

WITNESSETH

WHEREAS, on **September 24, 2018**, Owner and Contractor entered into a contract to provide continuing electrical construction services at the Orlando International Airport, Orlando Executive Airport and other facilities operated by the Owner (the "Base Agreement"); and

WHEREAS, the Owner wishes to have the Contractor perform certain services relating to **Project No. E-287** for project named **Parking Garage EV Charging Stations**, at Orlando International Airport, hereinafter referred to as the "Work" as specified and agreed to below.

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

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

SCHEDULE OF PRICING

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	AMOUNT
1	Labor and Materials	\$206,302.15	LS	1	\$206,302.15
		\$			\$
		\$			\$
TOTAL					\$206,302.15

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

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

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

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

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

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

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

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

PAYMENT & PERFORMANCE BONDS: ☒ Required ☐ Waived

WORK INCLUDES: ☒ Construction Only ☐ Design and Construction

SCHEDULE OF ATTACHMENTS

ATTACHMENT NO.	DESCRIPTION	DOCUMENT DATE & # OF PAGES
1	Section 00 11 00, Summary of the Work	05/16/2023, 3 pages
2	Section 00 61 13, Performance and Payment Bonds	11/2014, 5 pages
3	Contractor's Proposal	11/14/2023, 6 pages
4	Section 65 19.29, Final Release Form	07/2023, 1 page
5	Section 65 19.33, Subcontractor Final Release Form	07/2023, 1 page
6	Current Division 0/Division 1/Specification List	03/2022, 1 page

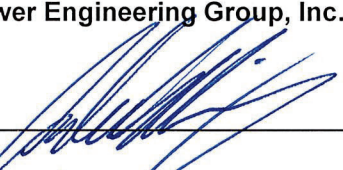
CONTRACT TIME:

- Substantial Completion 90 Calendar Days from Notice to Proceed Date
- Final Completion 30 Calendar Days from Actual Substantial Completion Date

LIQUIDATED DAMAGES:

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

Power Engineering Group, Inc.

By: 

Adel Mirza, VP of Operations
Title

Construction Committee Approval Date: November 21, 2023

Notice to Proceed Date: November 28, 2023

Greater Orlando Aviation Authority



By: Max Marble
Sr. Vice President, Capital Programs
Construction Committee Chair

Approved as to Form and Legality
(for the benefit of GOAA only)
on Dec 18, 2023

Karen Ryan

By: box SIGN 1J8RLK51-19WLJW2Z
NELSON MULLINS BROAD AND
CASSEL, Legal Counsel
Greater Orlando Aviation Authority



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

Memorandum

To: Members of the Construction Committee

From: Scott Shedek, Vice President of Construction
(Prepared by Don Corthell, PSA)

Date: November 21, 2023

Re: Request for Approval of a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with Power Engineering Group, Inc for E-00287 Parking Garage EV Charging Stations, Orlando International Airport

The scope of this project is to provide and install 67 single cord 32 AMP Level 2 EV Chargers, 35 Charging Station Pedestals, and associated fittings in the parking garages and connect to existing infrastructure.

The duration of the project is 90 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of November 28, 2023. Liquidated damages are defined as \$0.00 per calendar day for late Substantial Completion and \$0.00 per calendar day for late Final Completion.

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

☒ Experience	☒ Available Personnel	☒ Current Workload
☒ Expertise	☐ Equitable Distribution	☐ Other: _____

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

Funding is from previously approved Capital Expenditure Funds. Funding source verified by Melvin Martinez of Construction Finance on 11 / 16 / 23 as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of \$ 206,302.15, which includes a Lump Sum amount of \$206,302.15, without allowance(s), and with the requirement for Performance and Payment Bonds in the amount of \$4,045.00.

The invoicing method for this Job Order Contract will be:

☒ Lump Sum (w/o Allowances)
Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CONSTRUCTION AWARD	
L/S	\$206,302.15
ALLOWANCE (NTE)	0.00
TOTAL	206,302.15
AAC – Compliance Review Date	11/15/2023 <i>ZTG</i>
AAC – Funding Eligibility Review Date	11/15/2023

SECTION 01 10 00 – SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 PROJECT DESCRIPTION

- A. Project/Work Identification:
- B. The General overall description of the Work of the Contract for the:

Parking Garage EV Charging Stations
Orlando International Airport
Orlando, Florida

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

The Project consists of providing and installing 67 single cord 32 AMP Level 2 EV Chargers, 35 Charging Station Pedestals, and associated fittings in the parking garages and connect to existing infrastructure.

- C. The specific scope included in this ~~bid package~~ direct negotiated Job Order is defined in the scope documents prepared by the OAR via walks and other communication.

1.3 CONTRACTOR USE OF PREMISES

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

- ~~2. Provide all temporary directional signage, safety, and barricading required for passenger services in Terminal C.~~
 - ~~a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.~~
3. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.
4. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
5. Access to site shall be ~~shown on the plans or~~ as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.
 - a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
6. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.
 - a. Coordinate with the OAR and allow for the least possible disruption of the facility's normal operations for delivery of materials and removal of demolished and discarded materials.
 - b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:
 - ~~1) Schedule and coordinate all deliveries and removal of debris at the NTS between the hours of 10:00 PM and 6:00 AM each day of the work week or as coordinated with the OAR.~~
 - ~~2) Schedule all other deliveries and removal of debris as directed by the OAR.~~
 - 3) Work may be completed during normal business hours
7. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the approved site utilization plan or as directed by the OAR. Erect and maintain suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. ~~Refer to specification Section 01 55 30.01 Requirements for Use of South Canal Road.~~
 - a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking for the NTS work only. These cards will cost \$60 per card per month, taxes not included.
8. Coordinate construction activities with those of the APM/ITF contractor.

1.4 OWNER OCCUPANCY

- A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy

usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner except for below:

1.5 LAWS, PERMITS, AND REGULATIONS

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

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 10 00



ORLANDO INTERNATIONAL AIRPORT

The Orlando Experience®

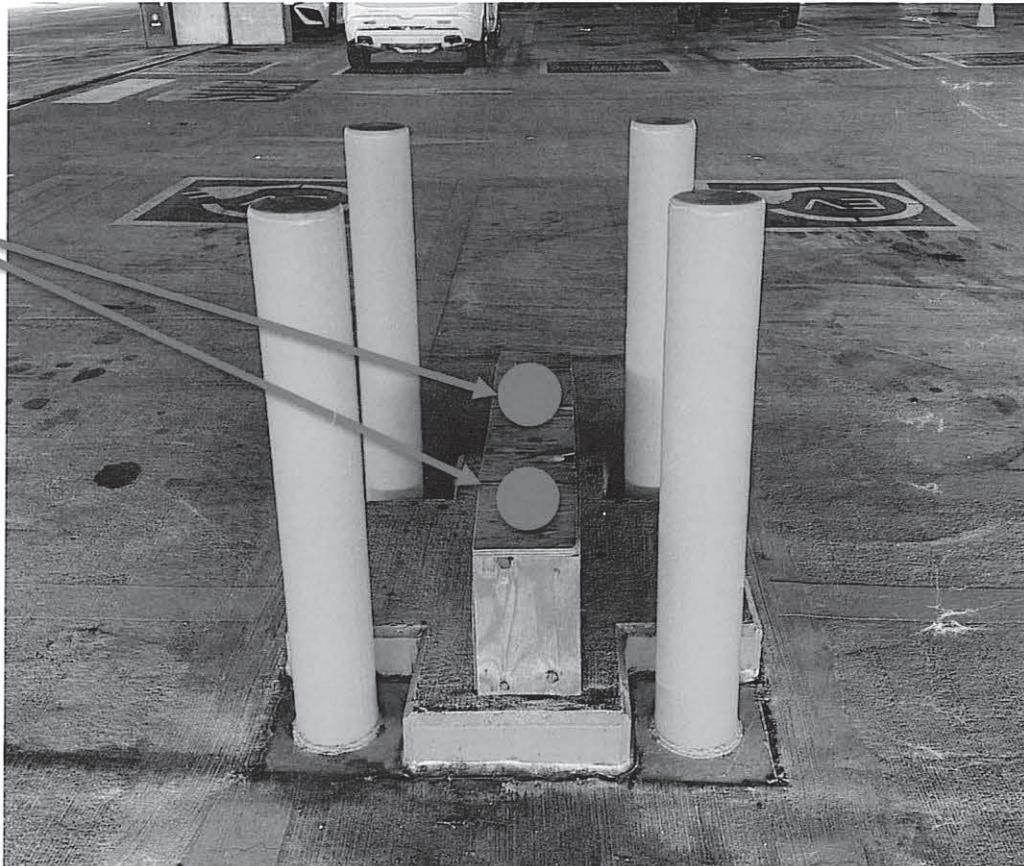
GOAA Electric Vehicle Charging

South Terminal C Garage

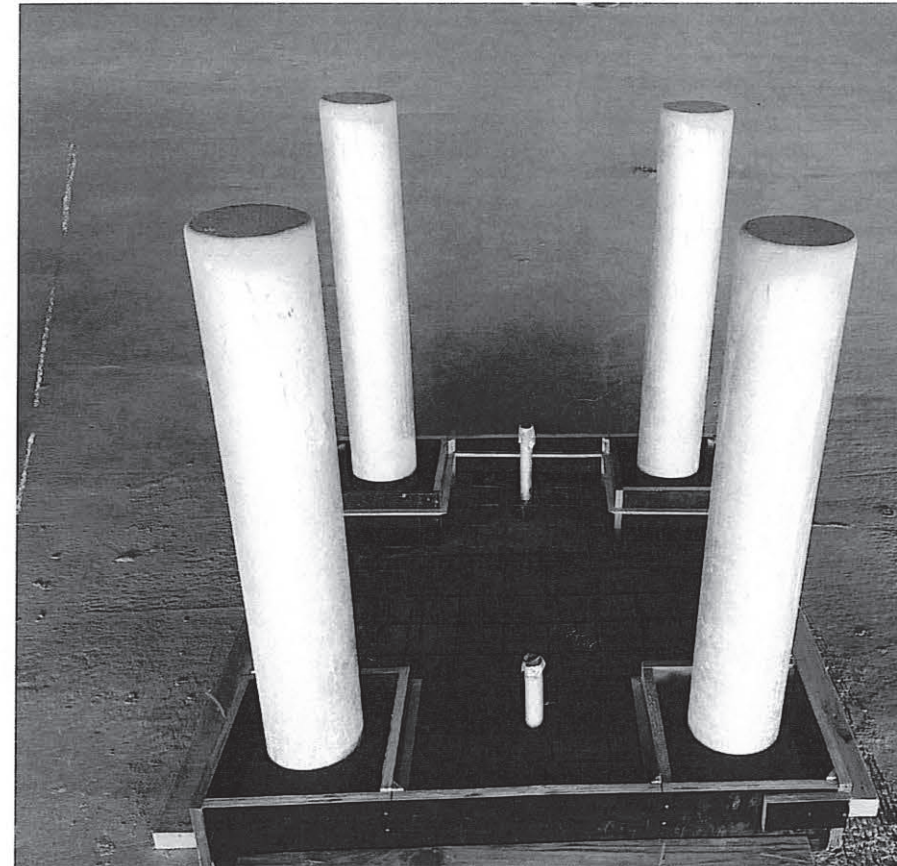
North Terminal Complex A & B Garages

h Terminal C Garage EV Mounting Pads Is 3 & 5

per



Standard EV Concrete Pad.
2 Electrical Feeds



Standard EV Pre-Concrete Pad.
2 Electrical Feeds



CA Prop 65 Warning



No Interest if paid in full in 6 months
on purchases of \$99+

US customers only. [See terms](#)

Related Products



HCS-40, 32
Amp, Level 2
EVSE, 240V,
Hardwired, with
25 ft cable, ETL
Listed,
**ENERGY STAR
Certified**

HCS-40 32 Amp
Level 2 EVSE, 240V
Hardwired
ClipperCreek's most
popular electric
vehicle charging

~~\$622.00~~

8768



Share2 Enabled
HCS-40 EVSE
Bundle, 32 Amp
Level 2, 240V,
with 25 ft cable

The Share2 enabled
HCS-40 bundle is a
great option for
charging locations
that serve more than
one e.



\$1,648.00



h Terminal C Garage EV ing Level 3 – Detail Plan

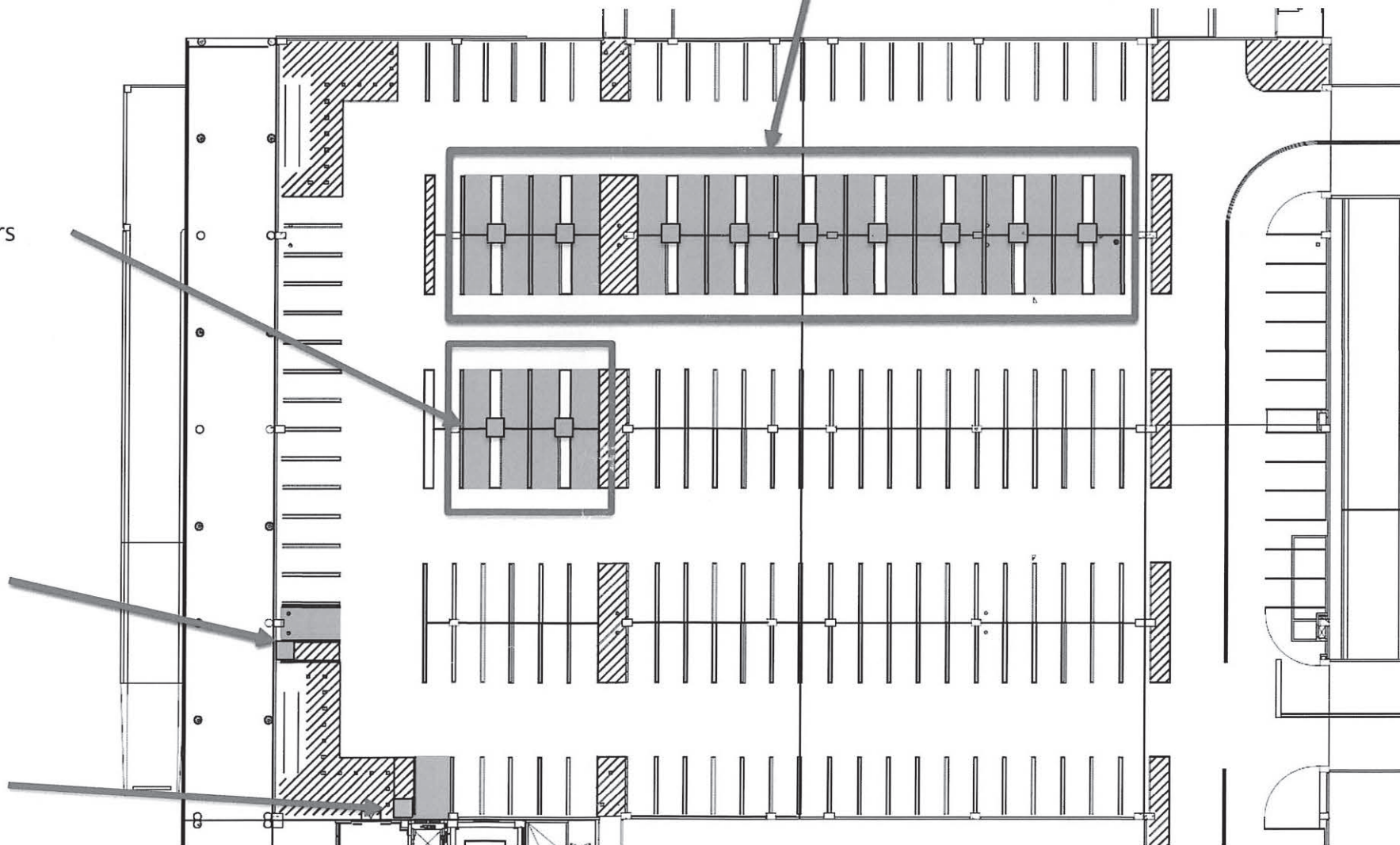
ring and
breakers Installed
all locations

Electric Vehicle Spaces
w Double Cord Chargers
pedestals

Electric Vehicle Space
w Single Cord Charger
pedestal

Electric Vehicle Space
w Single Cord Charger
pedestal

36 Electric Vehicle Spaces
18 New Double Cord Chargers
18 Pedestals

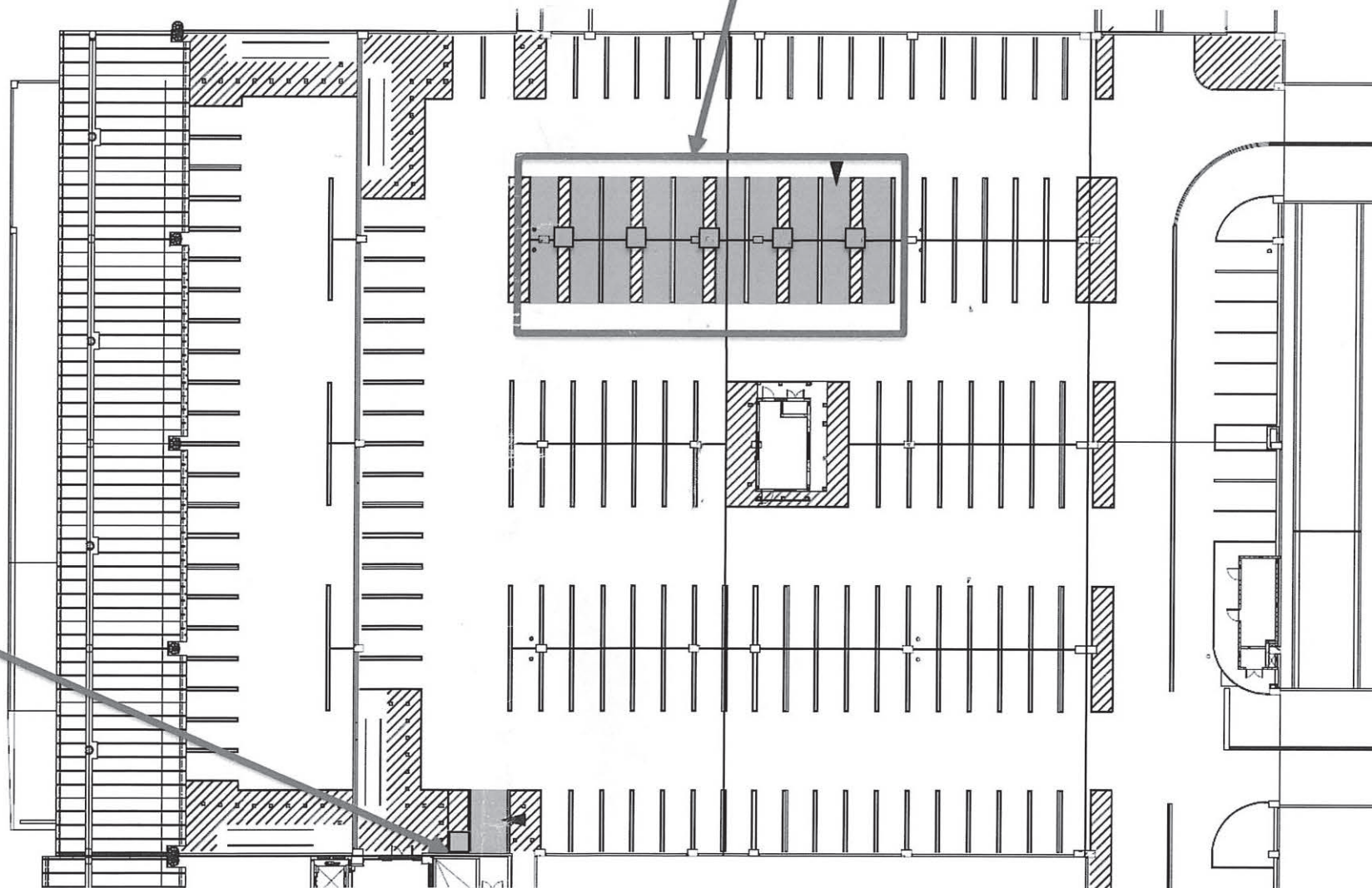


Terminal C Garage EV Level 5 – Detail Plan

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akers Installed
ll locations

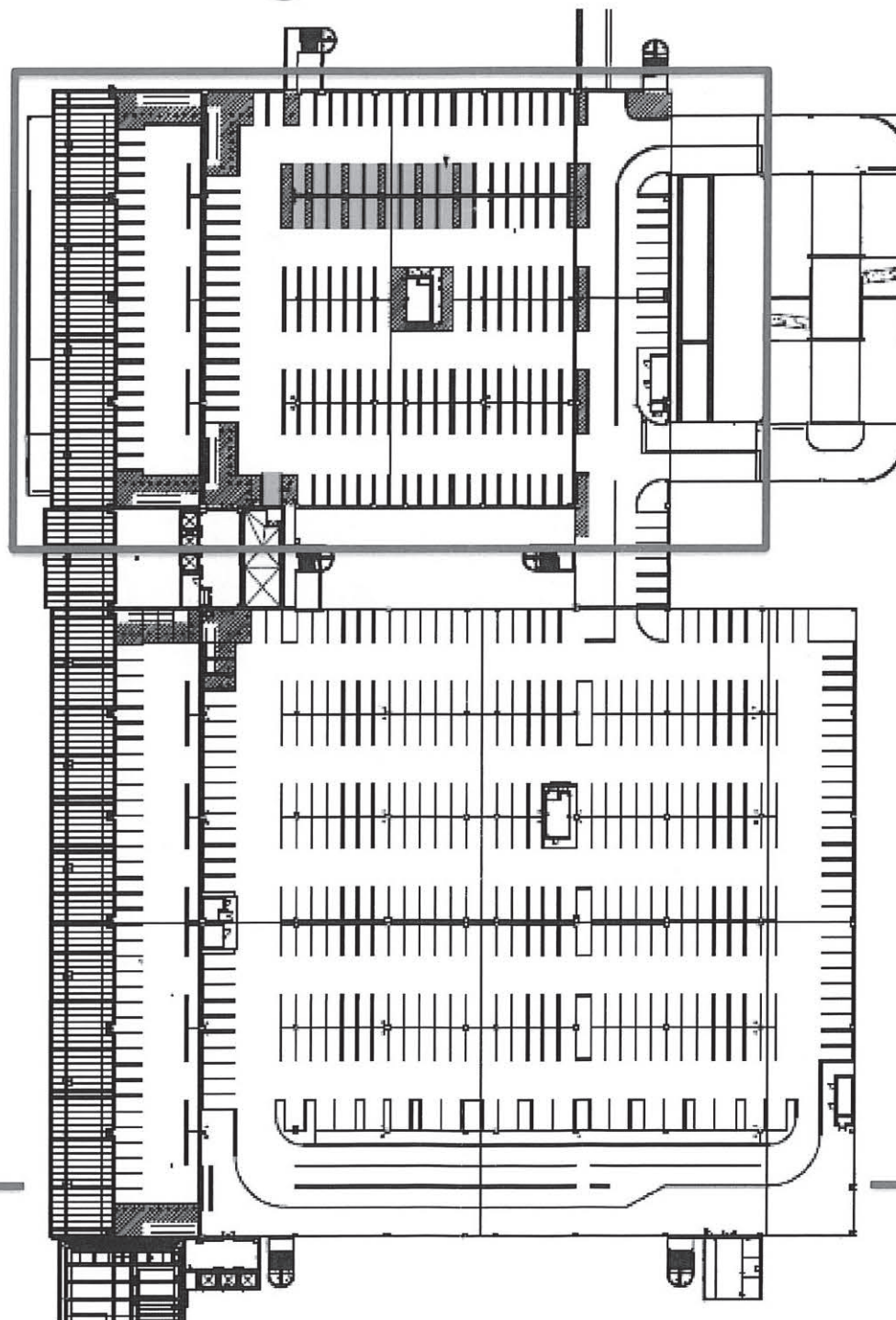
20 Electric Vehicle Spaces
10 New Double Cord Chargers
10 Pedestals

Electric Vehicle Space
y Single Cord Charger
estal



North Terminal C Garage EV Level 5

See Enlarged
Plan



To Terminal C

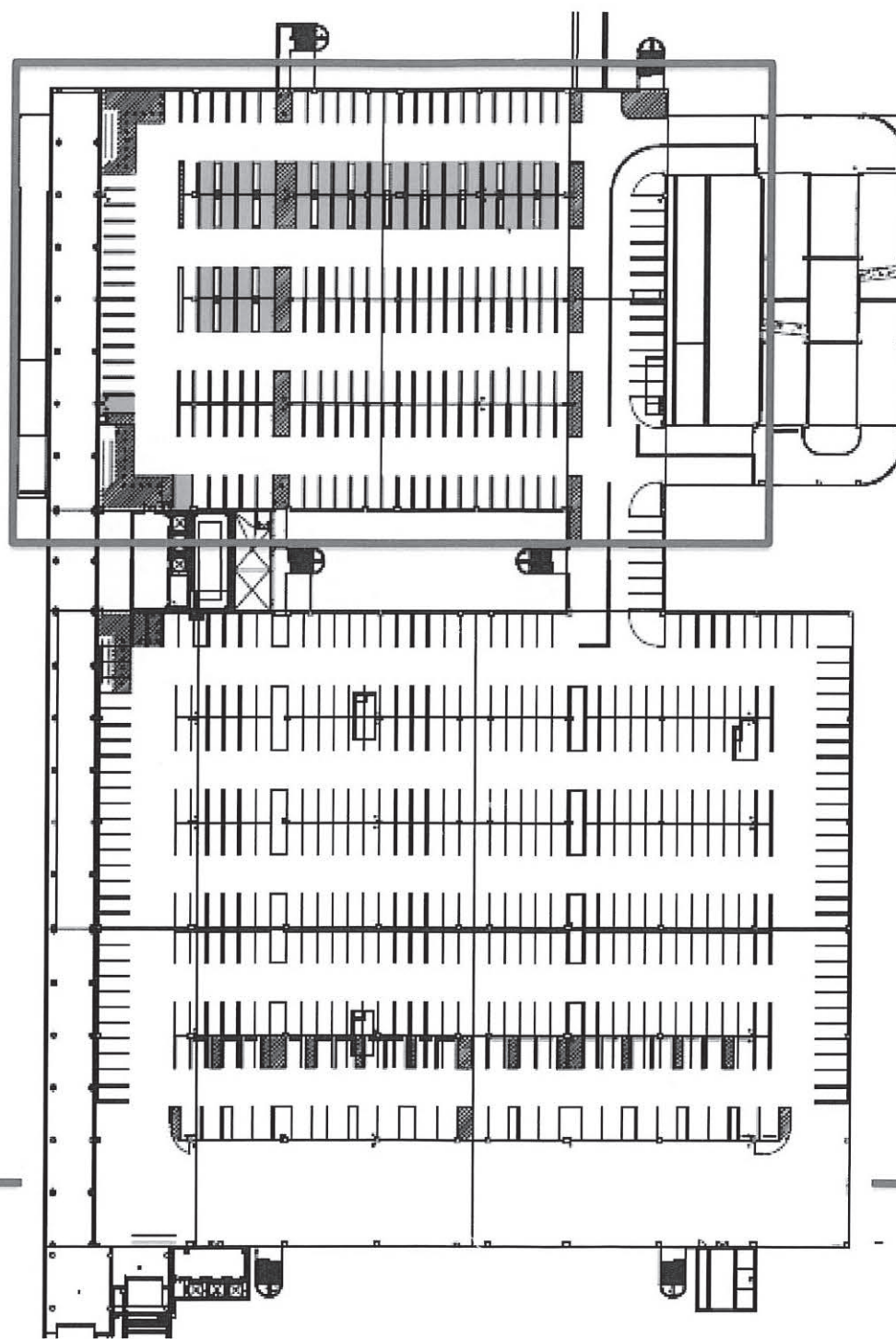


To ITF/APM And
North Terminal Com
A & B



n Terminal C Garage EV ng Level 3

See Enlarged
Plan



To Terminal C

To ITF/APM And
North Terminal Com
A & B

Terminal C Garage EV Schedules 3 & 5

L: SGEQL3D

M: XFMR T-SGEQ3D

N: ELEC RM 03 3511

SERVICE: 208Y/120V, 3Φ, 4W

BUS RATING: 600A

MAIN TYPE: 600AT MCB

AIC RATING: 35,000

NEMA RATING: NEMA 1, EATON PRL3a

MOUNTING: SURFACE

CIRCUIT	CONDUIT & CONDUCTOR SIZE		BREAKER		KVA			KVA			BREAKER		CONDUIT & CONDUCTOR SIZE		LOAD DESCRIPTION	CKT
	CONDUIT	WIRE & GROUND	TRIP	POLE	ΦA	ΦB	ΦC	ΦA	ΦB	ΦC	POLE	TRIP	WIRE & GROUND	CONDUIT		
EV CHARGING STATION 3-10A	"1"	2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 3-11A	2
EV CHARGING STATION 3-10B		2#6, 1#8G	40A	2		3.12			3.12		2	40A	2#6, 1#8G		EV CHARGING STATION 3-11B	4
EV CHARGING STATION 3-12A	"1"	2#6, 1#8G	40A	2			3.12			3.12	2	40A	2#4, 1#4G	"1-1/4"	EV CHARGING STATION 3-13A	6
EV CHARGING STATION 3-12B		2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#4, 1#4G		EV CHARGING STATION 3-13B	8
EV CHARGING STATION 3-14A	"1-1/4"	2#4, 1#4G	40A	2			3.12			3.12	2	40A	2#4, 1#4G	"1-1/4"	EV CHARGING STATION 3-15A	10
EV CHARGING STATION 3-14B		2#4, 1#4G	40A	2	3.12			3.12			2	40A	2#4, 1#4G		EV CHARGING STATION 3-15B	12
EV CHARGING STATION 3-19A	"1"	2#6, 1#8G	40A	2			3.12			3.12	2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 3-20A	14
EV CHARGING STATION 3-19B		2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#6, 1#8G		EV CHARGING STATION 3-20B	16
EV CHARGING STATION 3-21A	"1"	2#6, 1#8G	40A	2			3.12			3.12	2	40A	2#4, 1#4G	"1-1/4"	EV CHARGING STATION 3-22A	18
EV CHARGING STATION 3-21B		2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#4, 1#4G		EV CHARGING STATION 3-22B	20
EV CHARGING STATION 3-23A	"1-1/4"	2#4, 1#4G	40A	2			3.12			3.12	2	40A	2#4, 1#4G	"1-1/4"	EV CHARGING STATION 3-24A	22
EV CHARGING STATION 3-23B		2#4, 1#4G	40A	2	3.12			3.12			2	40A	2#4, 1#4G		EV CHARGING STATION 3-24B	24
	-	-	-	-	-	-	-	-	-	-	-	-	-	△	SPACE	25
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SPACE	26
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	SPACE	27
											3	600A	MAIN CIRCUIT BREAKER			
					24.95	24.96	24.95	24.96	24.95	24.95						

LOAD	0.00	RECEPT. DEMAND LOAD	0.00
LOAD	0.00	125% OF LTG LOAD	0.00
LOAD	0.00	25% OF LARGEST MOTOR	0.00
		EQUIPMENT LOAD	149.76

		KVA	AMPS
TOTAL CONNECTED LOAD		149.76	415.70
TOTAL DEMAND LOAD		149.76	415.70

SCHEDULE NOTES:

- "1" DENOTES TO COMBINE FEEDERS INTO (1) CONDUIT
- ADD A POLARIS PRE-INSULATED CONNECTOR, MODEL #SR-1/0 TO REDUCE #4 AWG TO #6 AWG FOR CONNECTION TO EV STATIONS FOR ALL CONNECTIONS #4 OR LARGER WIRE SIZE

Terminal C Garage EV Schedules 3 & 5

SGEQL5A

XFMR T-SGEQ5A

ELEC RM 05 5511

SERVICE: 208Y/120V, 3Φ, 4W

BUS RATING: 600A

MAIN TYPE: 600AT MCB

AIC RATING: 35,000

NEMA RATING: NEMA 1, EATON PRL3a

MOUNTING: SURFACE

CIRCUIT	CONDUIT & CONDUCTOR SIZE		BREAKER		KVA			KVA			BREAKER		CONDUIT & CONDUCTOR SIZE		LOAD DESCRIPTION	CKT
	CONDUIT	WIRE & GROUND	TRIP	POLE	ΦA	ΦB	ΦC	ΦA	ΦB	ΦC	POLE	TRIP	WIRE & GROUND	CONDUIT		
CIRCUIT 5-1	3/4"	2#8, 1#10G	40A	2	3.12			0.00			2	40A	-	-	SPARE	2
CIRCUIT 5-2A	"1"	2#6, 1#8G	40A	2			3.12			3.50	2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 5-3A	6
CIRCUIT 5-2B		2#6, 1#8G	40A	2					3.12		3.12	2	40A		2#6, 1#8G	EV CHARGING STATION 5-3B
CIRCUIT 5-4A	"1"	2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 5-5A	10
CIRCUIT 5-4B		2#6, 1#8G	40A	2					3.12		3.12	2	40A		2#6, 1#8G	EV CHARGING STATION 5-5B
CIRCUIT 5-6A	"1-1/4"	2#4, 1#4G	40A	2							2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 5-7A	14
CIRCUIT 5-6B		2#4, 1#4G	40A	2								2	40A		2#6, 1#8G	EV CHARGING STATION 5-7B
CIRCUIT 5-8A	"1"	2#6, 1#8G	40A	2							2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 5-9A	18
CIRCUIT 5-8B		2#6, 1#8G	40A	2								2	40A		2#6, 1#8G	EV CHARGING STATION 5-9B
CIRCUIT 5-10A	"1-1/4"	2#4, 1#4G	40A	2	3.12			3.12			2	40A	2#4, 1#4G	"1-1/4"	EV CHARGING STATION 5-11A	22
CIRCUIT 5-10B		2#4, 1#4G	40A	2					3.12		3.12	2	40A		2#4, 1#4G	EV CHARGING STATION 5-11B
	-	-	-	-							-	-	-	-	SPACE	26
	-	-	-	-							-	-	-	-	SPACE	28
	-	-	-	-							-	-	-	-	SPACE	30
	-	-	-	-							-	-	-	-	SPACE	32
	-	-	-	-							-	-	-	-	SPACE	34
	-	-	-	-							-	-	-	-	SPACE	36
											3	30A	MAIN CIRCUIT BREAKER			
					24.96	21.84	21.84	21.84	16.72	22.32						

LOAD	0.00	RECEPT. DEMAND LOAD	0.00
LOAD	0.00	125% OF LTG LOAD	0.00
LOAD	0.00	25% OF LARGEST MOTOR	0.00
		EQUIPMENT LOAD	131.52

	KVA	AMPS
TOTAL CONNECTED LOAD	131.52	365.07
TOTAL DEMAND LOAD	131.52	365.07

SCHEDULE NOTES:

- *DENOTES TO COMBINE FEEDERS INTO (1) CONDUIT
2. ADD A POLARIS PRE-INSULATED CONNECTOR, MODEL #BR-110 TO REDUCE #4 AWG TO #8 AWG FOR CONNECTION TO EV STATIONS FOR ALL CONNECTIONS #4 OR LARGER WIRE SIZE

Terminal C Garage EV Schedules 3 & 5

SGEQL3C				SERVICE: 208Y/120V, 3Φ, 4W							AIC RATING: 35,000						
XFMRT-SGEG3C				BUS RATING: 600A							NEMA RATING: NEMA 1, EATON PRL3a						
ELEC RM 03 3511				MAIN TYPE: 600AT MCB							MOUNTING: SURFACE						

CIRCUIT	CONDUIT & CONDUCTOR SIZE		BREAKER		KVA			KVA			BREAKER		CONDUIT & CONDUCTOR SIZE		LOAD DESCRIPTION	CKT
	CONDUIT	WIRE & GROUND	TRIP	POLE	ΦA	ΦB	ΦC	ΦA	ΦB	ΦC	POLE	TRIP	WIRE & GROUND	CONDUIT		
ATION 3-1	3/4"	2#8, 1#10G	40A	2	3.12			3.12			2	40A	2#8, 1#10G	3/4"	EV CHARGING STATION 3-2	2
ATION 3-3A	"1"	2#8, 1#10G	40A	2		3.12			3.12		2	40A	2#8, 1#10G	"1"	EV CHARGING STATION 3-4A	6
ATION 3-3B		2#8, 1#10G	40A	2			3.12			3.12		2	40A		2#8, 1#10G	EV CHARGING STATION 3-4B
ATION 3-5A	"1"	2#8, 1#10G	40A	2	3.12			3.12			2	40A	2#8, 1#10G	"1"	EV CHARGING STATION 3-6A	10
ATION 3-5B		2#8, 1#10G	40A	2		3.12			3.12			2	40A		2#8, 1#10G	EV CHARGING STATION 3-6B
ATION 3-7A	"1"	2#6, 1#8G	40A	2		3.12			3.12		2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 3-8A	14
ATION 3-7B		2#6, 1#8G	40A	2			3.12			3.12		2	40A		2#6, 1#8G	EV CHARGING STATION 3-8B
ATION 3-9A	"1"	2#6, 1#8G	40A	2			3.12			3.12	2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 3-16A	18
ATION 3-9B		2#6, 1#8G	40A	2		3.12			3.12			2	40A		2#6, 1#8G	EV CHARGING STATION 3-16B
ATION 3-17A	"1"	2#6, 1#8G	40A	2	3.12			3.12			2	40A	2#6, 1#8G	"1"	EV CHARGING STATION 3-18A	22
ATION 3-17B		2#6, 1#8G	40A	2			3.12			3.12		2	40A		2#6, 1#8G	EV CHARGING STATION 3-18B
	-	-	-	-							-	-	-	△	SPACE	26
	-	-	-	-							-	-	-	-	SPACE	28
	-	-	-	-							-	-	-	-	SPACE	30
	-	-	-	-							-	-	-	-	SPACE	32
	-	-	-	-							-	-	-	-	SPACE	34
											3	600A	MAIN CIRCUIT BREAKER			
					24.96	21.84	21.84	24.96	21.84	21.84						

LOAD	0.00	RECEPT. DEMAND LOAD	0.00
AD	0.00	125% OF LTG LOAD	0.00
AD	0.00	25% OF LARGEST MOTOR	0.00
EQUIPMENT LOAD		137.28	

TOTAL CONNECTED LOAD		KVA	AMPS
		137.28	381.06
TOTAL DEMAND LOAD		137.28	381.06

SCHEDULE NOTES:
1. *DENOTES TO COMBINE FEEDERS INTO (1) CONDUIT

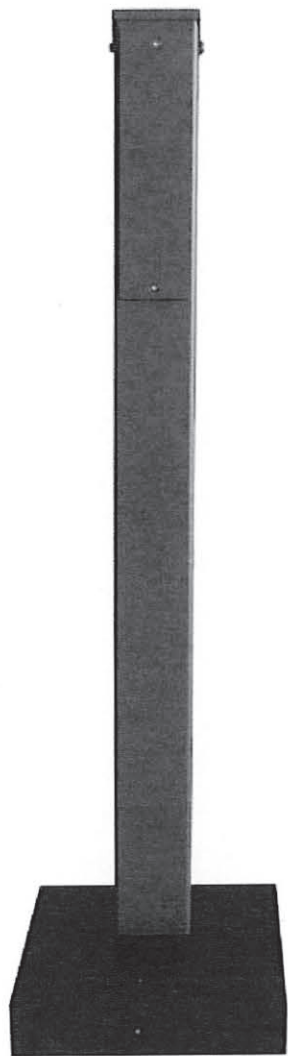
Garage A, B and C

EV Parking Totals

AREA	LEVEL	DOUBLE CORD EV CHARGER	SINGLE CORD EV CHARGER	PEDESTAL SINGLE MOUNT	TOTAL EV PARKING LOCATION
		HCS-40, 32 amp			
arking C	Level 3	22 44	2 2	24	46
arking C	Level 5	10 20 64	1 1 3	11	21 67
arking A	Level P2	5	1	6	11
arking B	Level P2	5	2	7	12
TOTAL		42	6	48	90

harger
stal

K!



Pedestal for ClipperCreek HCS EV Charging Station, Single Mount

Brand: ClipperCreek

Product Code: 0300-00-033

UNIVERSAL – Industry-standard bolt platform pattern to
outdated charging stations

TOUGH – Powder coated with primer undercoat for envi
durability

RELIABLE – Backed by ClipperCreek's 1-year warranty
excellent customer service team

CONVENIENT – All pedestals come equipped with 2 kno
positioned for a 120V outlet

AFFORDABLE – Minimize your installation costs and mo
two units on a single pedestal

4" steel pedestal post - 1/8" thick

Steel pedestal base - 1/4" thick

Slim, modern profile

3/4" conduit

Pedestal cap

Base plate vanity cover

Tues 4 7th
Muh 13th
can 21st
Bul

e EV Charger s of Design



Hardwired



HCS-40, 32
Amp, Level 2
EVSE, 240V,
Hardwired,
with 25 ft
cable, ETL
Listed,
ENERGY
STAR
Certified

Brand: ClipperCreek
Product Code: 0918-00-003

HCS-40, 32 Amp, Level 2 EVSE, 240V, Hardwired

ClipperCreek's most popular electric vehicle charging station is a high-quality, high-power, low-price EVSE, built and tested to meet industry standards to ensure a reliable charge every time. The HCS-40 is built for long life and tear of everyday use in all environments. Its tough NEMA 4 enclosure ensures you can install this unit anywhere with confidence. **Indoor / Outdoor Rated:** Rugged, fully sealed NEMA 4 enclosure for installation anywhere, indoor or outdoor.

Reliable: Backed by ClipperCreek's 3-year warranty and outstanding customer service.

Convenient: Compact size and 25 feet of charging cable for flexible installation and usability.

Automatic Circuit Reclosure: In the event of a minor power fault, the built-in reclosure timer will continue re-checking conditions and begin charging again as soon as possible (if your car needs charging).

Cable Management Included: Keep your charging cord neatly stowed with ClipperCreek's integrated cable wrap and free wall mount connector holster. Plus, our connector accommodates a specially sized padlock (lock included free) for your security.

Free Connector Tag and Dry Erase Pen Included: Store in your vehicle and easily indicate whether it's okay to unplug your vehicle while you are charging at a public charging station.

Safety Certified: Unlike some brands sold online, ClipperCreek's ETL listing demonstrates this product has met the requirements of widely accepted product safety standards for EV charging stations. **ETL LISTED**

ENERGY STAR® Certified

Level 2, 240V, 7.7kW, Hardwired

EV Charger of Design

32 Amp (7.7kW max)

19.7"L x 8.9"W x 5.3"D

13.5 lbs

Hardwired (3 foot service whip provided)

208/240V, 40A

3 years

25 feet

Lockable SAE J1772

SAE J1772 Connector Holster (wall mount); Connector Lock
and Keys

Fully Sealed NEMA 4

Indoor/Outdoor rated

-22°F to 122°F (-30°C to +50°C)

ETL, cETLus, ENERGY STAR®

United States of America



FLORIDA SURETY BONDS, INC.

620 N. Wymore Road, Suite 200
Maitland, FL 32751
407-786-7770
Fax 407-786-7766

888-786-BOND (2663)
Fax 888-718-BOND (2663)

www.FloridaSuretyBonds.com

December 14, 2023

Greater Orlando Aviation Authority
One Jeff Fuqua Blvd.
Orlando, FL 32827,

RE: AUTHORITY TO DATE BONDS AND POWERS OF ATTORNEY

Principal: Power Engineering Group Inc.

Bond No: 2346045

Project: Parking Garage EV Charging Stations

Dear Sir or Madam:

Please be advised that as Surety on the above referenced bond, executed on your behalf for this project, we hereby authorize you to insert the contract date onto the contract bonds and powers of attorney.

Once dated, please email to Debbie@floridasuretybonds.com
or fax a copy of the bonds to our office at (407) 786-7766.

Sincerely,
Swiss Re Corporate Solutions America Insurance Corporation

Jeffrey W. Reich
Attorney-In-Fact
& Florida Licensed Resident Agent



SECTION 00 61 13 - PERFORMANCE/PAYMENT BOND COVER SHEET

This cover sheet is an integral part of the attached bonds and must not be separated from them

**GREATER ORLANDO AVIATION AUTHORITY
ORLANDO, FLORIDA
(Public Work)**

In Compliance with Florida Statute Chapter 255.05(1)(a)

Executed in 3 Counterparts

PERFORMANCE BOND NO.:	2346045
PAYMENT BOND NO.:	2346045
CONTRACTOR INFORMATION:	Name: Power Engineering Group, Inc.
	Address: 6635 Narcoossee Road
	Orlando, FL 32822
	Phone: (407) 277-3150
SURETY PRINCIPAL BUSINESS INFORMATION:	Name: Swiss Re Corporate Solutions America Insurance Corporation
	Address: 1200 Main Street, Suite 800
	Kansas City, MO 64105-2478
	Phone: 816-235-3700
OWNER INFORMATION:	Name: Greater Orlando Aviation Authority
	Address: One Jeff Fuqua Blvd.
	Orlando, FL 32827
	Phone: (407) 825-2001
BOND AMOUNT:	\$206,302.15
CONTRACT NO. (if applicable):	E-287
DESCRIPTION OF WORK:	Parking Garage EV Charging Stations
PROJECT LOCATION:	Orlando International Airport, Orlando, FL
AGENT INFORMATION:	Name: Florida Surety Bonds, Inc.
	Address: 620 N. Wymore Rd., Suite 200
	Maitland, FL 32751
	Phone: 407-786-7770

SECTION 00 61 13.13 - PERFORMANCE BOND

BOND NO.: 2346045

Executed in 3 Counterparts

GREATER ORLANDO AVIATION AUTHORITY
ORLANDO, FLORIDA

The cover page that lists the contact information for the entities involved in this bond is considered the front page of this bond and is an integral part of this bond and, therefore, must not be separated from this bond.

KNOW ALL PERSONS BY THESE PRESENTS that Power Engineering Group, Inc., hereinafter called Principal, and Swiss Re Corporate Solutions America Insurance Corporation a corporation organized under the laws of the State of MO and licensed to do business in the State of Florida, hereinafter called Surety, are held and firmly bound unto the Greater Orlando Aviation Authority, hereinafter called Owner, in the Penal Sum of **TWO HUNDRED SIX THOUSAND THREE HUNDRED TWO AND 15/100 DOLLARS (\$206,302.15)**, for the payment of which sum well and truly made, Principal and Surety bind ourselves, our heirs, personal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated _____, entered into a Contract with Owner for " Bid Package E-287, Parking Garage EV Charging Stations, Orlando International Airport," in accordance with the Contract Documents which are incorporated herein by reference and made a part hereof, and are herein referred to as the Contract.

WHEREAS, Surety is authorized to do business in the State of Florida.

NOW, THEREFORE, the condition of this obligation is such that if Principal:

1. Promptly and faithfully performs the Contract including, but not limited to, its design (if any), construction and warranty provisions in the time and manner prescribed in the Contract, and correction of defective work, and
2. Pays Owner all losses, damages, expenses, costs, attorneys' fees and other legal costs (including, but not limited to, those for investigative and legal support services and appellate proceedings), that Owner sustains resulting directly or indirectly from the conduct of the Principal including, but not limited to, breach or default under the Contract, want of care or skill, negligence, patent infringement, or intentionally wrongful conduct on the part of the Principal, its officers, agents, employees or any other person or entity for whom the Principal is responsible,

then this bond is void; otherwise it shall remain in full force and effect.

3. In the event that the Principal shall fail to perform any of the terms, covenants and conditions of the Contract during the period in which this Performance Bond is in effect, the Surety shall remain liable to the Owner for all such loss or damage (including reasonable attorneys' fees and other legal costs) resulting from any failure to perform up to the amount of the Penal Sum.
4. In the event that the Surety fails to fulfill its obligations under this Performance Bond, then the Surety shall also indemnify and save the Owner harmless from any and all loss, damage, cost and expense, including reasonable attorneys' fees and other legal costs for all trial and appellate proceedings resulting directly or indirectly from the Surety's failure to fulfill its obligations hereunder. This paragraph shall survive the termination or cancellation of this Performance Bond. The obligations set forth in this paragraph shall not be limited by the Penal Sum of this Bond.
5. The Surety's obligations hereunder shall be direct and immediate and not conditional or contingent upon Owner's pursuit of its remedies against Principal, and shall remain in full force and effect notwithstanding (i) amendments or modifications to the Contract entered into by Owner and Principal without the Surety's knowledge or consent, (ii) waivers of any default under the Agreement or the Contract granted by Owner

to Principal without the Surety's consent, (iii) the discharge of Principal from its obligations under the Contract as a result of any proceeding initiated under The Bankruptcy Code of 1978, as the same may be amended, or any similar state or federal law, or any limitation of the liability of Principal or its estate as a result of any such proceeding, or (iv) any other action taken by Owner or Principal that would, in the absence of this clause, result in the release or discharge by operation of law of the Surety from its obligations hereunder.

6. The institution of suit upon this Bond shall be in accordance with Section 95.11(2)(b), Florida Statutes.
7. Any changes in or under the Contract Documents (which include the Plans, Drawings and Specifications) and compliance or noncompliance with any formalities connected with the Contract or the changes therein shall not affect Surety's obligations under this Bond and Surety hereby waives notice of any such changes. Further, Principal and Surety acknowledge that the Penal Sum of this bond shall increase or decrease in accordance with approved changes or other modifications to the Contract Documents.

IN WITNESS WHEREOF, the Principal and Surety have executed this instrument under their several seals on this _____ day of _____, 20_____, to be effective as of the date of the Contract, the name and corporate seal of each corporate party being hereto affixed and these presents fully signed by its undersigned representative, pursuant to authority of its governing body.

Signed, sealed and delivered
In the presence of:

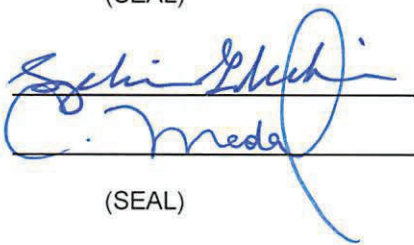
Power Engineering Group, Inc.
Principal

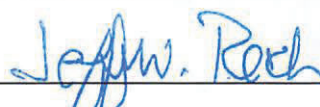
By: _____

Name and Title

(SEAL)

Swiss Re Corporate Solutions America Insurance Corporation
Surety



By:  _____

(SEAL)

Jeffrey W. Reich, Attorney-In-Fact
Name and Title
Florida Surety Bonds, Inc. 407-786-7770
Agency
620 N. Wymore Rd., #200, Maitland, FL 32751
Address

(Countersignature by a Florida Licensed Agent)

Jeffrey W. Reich, FL Licensed Resident Agent
Name and Title
Florida Surety Bonds, Inc. 407-786-7770
Agency
620 N. Wymore Rd., #200, Maitland, FL 32751
Address

NOTE:

If Principal or Surety are corporations, the respective corporate seals should be affixed. Additionally, a certified copy of a Power-of-Attorney appointing the individual Attorney-in-Fact for the Surety, as well as the Power-of-Attorney appointing the Florida licensed agent, should be attached.

SECTION 00 61 13.16 - PAYMENT BOND FORM

BOND NO.: 2346045
Executed in 3 Counterparts

GREATER ORLANDO AVIATION AUTHORITY
ORLANDO, FLORIDA

The cover page that lists the contact information for the entities involved in this bond is considered the front page of this bond and is an integral part of this bond and, therefore, must not be separated from this bond.

KNOW ALL PERSONS BY THESE PRESENTS that Power Engineering Group, Inc., hereinafter called Principal, and Swiss Re Corporate Solutions America Insurance Corporation, a corporation organized under the laws of the State of MO, having its home office in the City of Kansas City, MO and licensed to do business in the State of Florida, hereinafter called Surety, are held and firmly bound unto the Greater Orlando Aviation Authority, hereinafter called Owner, for the use and benefit of claimants as hereinbelow defined, in the Penal Sum of **TWO HUNDRED SIX THOUSAND THREE HUNDRED TWO AND 15/100 DOLLARS (\$206,302.15)** for the payment of which sum well and truly to be made, Principal and Surety bind ourselves, our heirs, personal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated _____, entered into a contract with Owner for " Bid Package E-287, Parking Garage EV Charging Stations, Orlando International Airport," in accordance with the Contract Documents which are incorporated herein by reference and made a part hereof, and are herein referred to as the Contract.

WHEREAS, Surety is authorized to do business in the State of Florida.

NOW, THEREFORE, the condition of this obligation is such that if Principal shall promptly make payments to all claimants as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect subject, however, to the following conditions:

1. **This bond is given to comply with Section 255.05, Florida Statutes, and any action instituted by a claimant under this bond for payment must be in accordance with Sections 255.05(2) and 255.05(10), Florida Statutes, as amended, including, but not limited to, the notice and time limitation provisions therein.**

2. **Therefore, a claimant, except a laborer, who is not in privity with the Contractor shall, before commencing or not later than 45 days after commencing to furnish labor, services or materials for the prosecution of the work, serve the Contractor with a written notice that he or she intends to look to the bond for protection. A claimant who is not in privity with the Contractor and who has not received payment for furnishing his or her labor, services, or materials shall, serve a written notice of nonpayment on the Contractor and on the Surety. Notices must be served in accordance with Section 255.05(2), as amended. The notice of non-payment shall be under oath and served during the progress of the work or thereafter, but may not be served earlier than forty-five (45) days after the first furnishing of the labor, services or materials by the claimant or later than ninety (90) days after the final furnishing of the labor, services or materials by the claimant, or, with respect to rental equipment, later than 90 days after the date that the rental equipment was last on the job site available for use. Any notice of nonpayment served by a claimant who is not in privity with the contractor which includes sums for retainage must specify the portion of the amount claimed for retainage. No action for the labor, services, or materials may be instituted against the Contractor or the Surety unless both notices have been served. No action shall be instituted against the Contractor or the Surety on the bond after one (1) year from the performance of the labor or completion of the delivery of the materials or supplies.**

3. **The Surety's obligations hereunder shall remain in full force and effect notwithstanding (i) amendments or modifications to the Contract entered into by Owner and Principal without the Surety's knowledge or consent,**

(ii) waivers of compliance with or any default under the Contract granted by Owner to Principal without the Surety's knowledge or consent, (iii) the discharge of Principal from its obligations under the Contract as a result of any proceeding initiated under The Bankruptcy Code of 1978, as the same may be amended, or any similar state or federal law, or any limitation of the liability of Principal or its estate as a result of any such proceeding, or (iv) any other action taken by Owner or Principal that would, in the absence of this clause, result in the release or discharge by operation of law of the Surety from its obligations hereunder.

4. Any changes in or under the Contract Documents (which include the, Drawings and Specifications) and compliance or noncompliance with any formalities connected with the Contract or the changes therein shall not affect Surety's obligations under this Bond and Surety hereby waives notice of any such changes. Further, Principal and Surety acknowledge that the Penal Sum of this Bond shall increase or decrease in accordance with the approved changes or other modifications to the Contract Documents.

IN WITNESS WHEREOF, the Principal and Surety have executed this instrument under their several seals on this _____ day of _____, 20____, to be effective as of the date of the Contract, the name and corporate seal of each corporate party being hereto affixed and these presents fully signed by its undersigned representative, pursuant to authority of its governing body.

Signed, sealed and delivered
In the presence of:

Power Engineering Group, Inc.
Principal

By: _____

Name and Title

Swiss Re Corporate Solutions America Insurance Corporation

Surety

By: Jeffrey W. Reich

Jeffrey W. Reich, Attorney-In-Fact

Name and Title
Florida Surety Bonds, Inc. 407-786-7770

Agency
620 N. Wymore Rd., #200, Maitland, FL 32751
Address

(SEAL)

Jeffrey W. Reich
(SEAL)

(Countersignature by a Florida Licensed Agent)

Jeffrey W. Reich, FL Licensed Resident Agent

Name and Title
Florida Surety Bonds, Inc. 407-786-7770

Agency
620 N. Wymore Rd., #200, Maitland, FL 32751
Address

NOTE: If Principal or Surety are corporations, the respective corporate seals should be affixed. Additionally, a certified copy of a Power-of-Attorney appointing the individual Attorney-in-Fact for the Surety, as well as the Power-of-Attorney appointing the Florida licensed agent, should be attached.

SWISS RE CORPORATE SOLUTIONS

SWISS RE CORPORATE SOLUTIONS AMERICA INSURANCE CORPORATION ("SRCSAIC")
SWISS RE CORPORATE SOLUTIONS PREMIER INSURANCE CORPORATION ("SRCSPIC")
WESTPORT INSURANCE CORPORATION ("WIC")

GENERAL POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, THAT SRCSAIC, a corporation duly organized and existing under laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, and SRCSPIC, a corporation organized and existing under the laws of the State of Missouri and having its principal office in the City of Kansas City, Missouri, and WIC, organized under the laws of the State of Missouri, and having its principal office in the City of Kansas City, Missouri, each does hereby make, constitute and appoint:

JEFFREY W. REICH, SUSAN L. REICH, KIM E. NIV, TERESA L. DURHAM, CHERYL A. FOLEY, LISA A. ROSELAND,
EMILY J. GOLECKI, SONJA AMANDA FLOREE HARRIS, ROBERT P. O'LINN, NATHAN K. REICH and SARAH K. O'LINN

JOINTLY OR SEVERALLY

Its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver, for and on its behalf and as its act and deed, bonds or other writings obligatory in the nature of a bond on behalf of each of said Companies, as surety, on contracts of suretyship as are or may be required or permitted by law, regulation, contract or otherwise, provided that no bond or undertaking or contract or suretyship executed under this authority shall exceed the amount of:

TWO HUNDRED MILLION (\$200,000,000.00) DOLLARS

This Power of Attorney is granted and is signed by facsimile under and by the authority of the following Resolutions adopted by the Boards of Directors of both SRCSAIC and SRCSPIC at meetings duly called and held on the 18th of November 2021 and WIC by written consent of its Executive Committee dated July 18, 2011.

"RESOLVED, that any two of the President, any Managing Director, any Senior Vice President, any Vice President, the Secretary or any Assistant Secretary be, and each or any of them hereby is, authorized to execute a Power of Attorney qualifying the attorney named in the given Power of Attorney to execute on behalf of the Corporation bonds, undertakings and all contracts of surety, and that each or any of them hereby is authorized to attest to the execution of any such Power of Attorney and to attach therein the seal of the Corporation; and it is

FURTHER RESOLVED, that the signature of such officers and the seal of the Corporation may be affixed to any such Power of Attorney or to any certificate relating thereto by facsimile, and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be binding upon the Corporation when so affixed and in the future with regard to any bond, undertaking or contract of surety to which it is attached."



By Erik Janssens
Erik Janssens, Senior Vice President of SRCSAIC & Senior Vice President
of SRCSPIC & Senior Vice President of WIC

By Gerald Jagrowski
Gerald Jagrowski, Vice President of SRCSAIC & Vice President of SRCSPIC
& Vice President of WIC



IN WITNESS WHEREOF, SRCSAIC, SRCSPIC, and WIC have caused their official seals to be hereunto affixed, and these presents to be signed by their authorized officers

this 23 day of OCTOBER, 20 23

State of Illinois
County of Cook

SS

Swiss Re Corporate Solutions America Insurance Corporation
Swiss Re Corporate Solutions Premier Insurance Corporation
Westport Insurance Corporation

On this 23 day of OCTOBER, 20 23, before me, a Notary Public personally appeared Erik Janssens, Senior Vice President of SRCSAIC and Senior Vice President of SRCSPIC and Senior Vice President of WIC and Gerald Jagrowski, Vice President of SRCSAIC and Vice President of SRCSPIC and Vice President of WIC, personally known to me, who being by me duly sworn, acknowledged that they signed the above Power of Attorney as officers of and acknowledged said instrument to be the voluntary act and deed of their respective companies.



Christina Manisco
Christina Manisco, Notary

I, Jeffrey Goldberg, the duly elected Senior Vice President and Assistant Secretary of SRCSAIC and SRCSPIC and WIC, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney given by said SRCSAIC and SRCSPIC and WIC, which is still in full force and effect.

IN WITNESS WHEREOF, I have set my hand and affixed the seals of the Companies this 23 day of OCTOBER, 20 23.

Jeffrey Goldberg
Jeffrey Goldberg, Senior Vice President &
Assistant Secretary of SRCSAIC and
SRCSPIC and WIC



Power Engineering Group, Inc.
6635 Narcoossee Road
Orlando, FL 32822

Phone: (407) 277-3150
Fax: (407) 277-0871

Revised Proposal



PROPOSAL

Proposal #
Bid Date: 11/14/2023
Proposal Date: 11/14/2023

Customer:

Don Corthell
(407)492-6319

Project Name:

GOAA Parking Garage C Level 3 & 5 EV Charging
Stations Installation

Proposal Good Through

30 Days

Payment Terms

Per Contract

Estimator

Javed Mirza

Amount

PEG is pleased to furnish a proposal for GOAA Parking Garage C Level 3 & 5 EV Charging Stations Installation.

***** WORK INCLUDED IN OUR SCOPE *****

Furnish labor and material to install 32 dual and 3 single EV chargers per attached BOM in GexPro quotation.

1. Furnish and install 67 single EV chargers' model # ENPH HCS-40R-C17-L25-170A 32A 240V.
2. Furnish and install 35 HPC pedestals for EV chargers.
3. Furnish and install 32 ENPH HCS dual mount kit.

NonQuoted Material: \$4,689.44
Quoted Material: \$89,095.99
Taxes: \$7,033.91
Total Material: \$100,819.34

Labor: \$62,528.00
Supervision: \$12,528.44
Total Labor & Material: \$175,875.78

OH & PR: \$26,381.37
Bond: \$4,045.00

***** WORK NOT INCLUDED IN OUR SCOPE *****

1. Cutting, patching, coring, painting or concrete, asphalt, or any other structure.
2. Utility fees or charges.
3. Preparation of computerized drawings (i.e., as built, BIM, coordinating, etc.)
4. Surveying and/or Engineering.
5. Second (2nd) or third (3rd) shift work.
6. Seeding, sodding, or mulching.
7. MOT is not provided.

TOTAL:
\$206,302.15

Note: Due to extremely frequent fluctuation in pricing and availability of materials in the construction industry, PEG guarantees bid pricing and delivery equal to the terms offered through our vendors. This proposal or any contract we execute could be subject to increased amounts imposed upon PEG by its vendors at time of order, provided increases are not due to delay on our part. No provisions have been included in this proposal for design errors and/or omissions unless otherwise noted. This proposal, including all attachments, is to become a binding part of any contractual agreement or purchase order issued to PEG. PEG will not enter into a contract that contains provisions that include both retainage and the requirement of payment and performance bonds. Normal hours of working are 7:00 am to 3:30 pm therefore any variance may incur additional charges. This proposal is effective for 30 days only unless otherwise noted.


Adee L. Mirza, President

Item	Quantity	Price	Ext Price
1" Lock Nuts	160	\$44.89 / C	\$62.85
1" Plastic Bushings	140	\$28.26 / C	\$39.56
1/2" Washers SS	1 Box	\$150 / M	\$150
1/2" Nuts SS	1 Box	\$180 / Box	\$182
1/2" Lock Washers SS	1 Box	\$114 / M	\$114
1/2" Bolts SS	1 Box	\$144 / Box	\$144
1/2" x 2" Anchors SS	150	\$1,664.29 / 100	\$2,496.44
#10 THHN	4,000'	\$375.14 / M	\$1,500.56
		Total:	\$4,689.41

Javed Mirza

From: Bob O'Linn <bob@floridasuretybonds.com>
Sent: Tuesday, November 14, 2023 1:17 PM
To: javed@pegfl.com
Subject: Power Engineering Group \$212K Job

Javed,
Thanks for the call about the upcoming project. As discussed, I expect we'll be able to issue this bond upon review of the contract. I have a LOA with a market that would allow me to issue this at 2% rate after favorable review of the contract. Please forward the contract and bond request form when you have a chance.
Best Regards,
Bob



Bob O'Linn Vice President
Florida Surety Bonds, Inc.
p: 407-755-6354
m: 904-962-1517
w: www.floridasuretybonds.com/bob
e: bob@floridasuretybonds.com
a: 620 N Wymore Rd, Ste 200, Maitland FL 32751

Power Engineering Group, Inc.
6635 Narcoossee Road
Orlando, FL 32822

Phone: (407) 277-3150
Fax: (407) 277-0871



PROPOSAL

Proposal #
Bid Date: 11/07/2023
Proposal Date: 11/07/2023

Customer:		Project Name:	
Don Corthell (407)492-6319		GOAA Parking Garage C Level 3 & 5 EV Charging Stations Installation	
Proposal Good Through	Payment Terms	Estimator	
30 Days	Per Contract	Javed Mirza	
			Amount
PEG is pleased to furnish a proposal for GOAA Parking Garage C Level 3 & 5 EV Charging Stations Installation.			
***** WORK INCLUDED IN OUR SCOPE *****			
Furnish labor and material to install 32 dual and 3 single EV chargers per attached BOM in GexPro quotation.			
1. Furnish and install 67 single EV chargers' model # ENPH HCS-40R-C17-L25-170A 32A 240V.			
2. Furnish and install 35 HPC pedestals for EV chargers.			
3. Furnish and install 32 ENPH HCS dual mount kit.			
NonQuoted Material: \$5,870.00			
Quoted Material: \$89,095.99			
Taxes: \$7,122.45			
Total Material: \$102,088.44			
Labor: \$62,640.00			
Supervision: \$12,528.00			
Total Labor & Material: \$177,256.44			
OH & PR: \$35,451.28			
***** WORK NOT INCLUDED IN OUR SCOPE *****			
1. Cutting, patching, coring, painting or concrete, asphalt, or any other structure.			
2. Utility fees or charges.			
3. Preparation of computerized drawings (i.e., as built, BIM, coordinating, etc.)			
4. Surveying and/or Engineering.			
5. Second (2 nd) or third (3 rd) shift work.			
6. Seeding, sodding, or mulching.			
7. MOT is not provided.			
8. Payment and Performance bond not included.			
			TOTAL: \$212,707.73

Note: Due to extremely frequent fluctuation in pricing and availability of materials in the construction industry, PEG guarantees bid pricing and delivery equal to the terms offered through our vendors. This proposal or any contract we execute could be subject to increased amounts imposed upon PEG by its vendors at time of order, provided increases are not due to delay on our part. No provisions have been included in this proposal for design errors and/or omissions unless otherwise noted. This proposal, including all attachments, is to become a binding part of any contractual agreement or purchase order issued to PEG. PEG will not enter into a contract that contains provisions that include both retainage and the requirement of payment and performance bonds. Normal hours of working are 7:00 am to 3:30 pm therefore any variance may incur additional charges. This proposal is effective for 30 days only unless otherwise noted.


Adeel J. Mirza, President



GEXPRO 7695 ODO ORLANDO
7445 SOUTHLAND BLVD
SUITE 601
ORLANDO, FL 32809-6991
407-841-4261
Fax 470-841-4267

QUOTE TO:

POWER ENGINEERING GROUP INC
6635 NARCOOSSEE RD
ORLANDO, FL 32822-5525

Quotation

QUOTE DATE	QUOTE NUMBER	PAGE NO.
06/30/2023	S136974532	1 of 1
CUST PO#:	Enphase Quote	
JOB/REL#:		

SHIP TO:

POWER ENGINEERING GROUP INC
6635 NARCOOSSEE RD
ORLANDO, FL 32822-5525

CUSTOMER NUMBER	CUSTOMER PHONE#	ORDERED BY	OUTSIDE SALESPERSON	
650130			Jason Opalka	
WRITER	WRITER PHONE#	WRITER EMAIL		
Tony Grier	407-850-5443	tony.grier@rexelusa.com		
INSIDE SALESPERSON	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
Tony Grier	GEX-TRUCK	Net 11th Prox	06/30/2023	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
67ea	ENPH HCS-40R-C17-L25-170 32A CHARGING 240VAC 10AWG SERVICE 25FT 10AWG RUGGEDIZED J1772 CONNECTOR Pn: 2206681 UPC:		749.270/EA	50201.09
35ea	^HCS-PEDESTAL PEDESTAL FOR HCS EV CHARGING STATION SINGLE-MOUNT Pn: 888479		929.061/ea	32517.14
32ea	ENPH HCS-DUALMOUNT-KIT DUAL-MOUNT KIT FOR HCS EV CHARGING STATION PEDESTAL Pn: 2178049 UPC: LEAD TIME 4-5 WEEKS AFTER RECEIPT OF ORDER		199.305/EA	6377.76
Prices are subject to change at any time prior to shipment unless agreed to otherwise in writing signed by an authorized Seller representative. Orders related to this quotation must be received, accepted and released by Seller within 48 hours of issuance of the quotation and are subject to availability. Many of Seller's manufacturing partners have advised that until further notice they reserve the right to amend the delivery date, price, scope and quantity of supply and/or other terms and conditions set out in their offer or quotation and Seller equally reserves the right to pass through any such changes from its manufacturing partners to the Buyer. Delivery dates are estimated only. Seller shall not be liable for failure to meet such dates resulting from product shortages or manufacturing delays. Be advised that Seller considers any changes imposed by its manufacturing partners and other vendors outside of Seller's reasonable control and therefore subject to Force Majeure provisions or similar common law doctrines such as "frustration" or "impossibility". Seller's Standard Terms and Conditions of Sale are incorporated by reference into this quotation. A copy of the most current version of Seller's Standard Terms and Conditions of Sale is available at https://www.rexelusainc.com/terms/terms.html Full phone support at (888) 739-3577			Subtotal	89095.99
			S&H Charges	0.00
			Sales Tax	5420.76
			Total	94516.75



GEXPRO 7695 ODO ORLANDO
7445 SOUTHLAND BLVD
SUITE 601
ORLANDO, FL 32809-6991
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			S&H Charges	0.00
			Sales Tax	5420.76
			Total	94516.75

OAR Summary of Probable Construction Costs
**E-XXXX Parking Garage EV Charging Stations
11.5.23**

			Materials			Labor			
Item No.	EV Charging Stations	Qty	Units	Unit Cost	Material Cost	Man hours	Unit Cost	Labor Cost	Subtotals
1	32 AMP Single Cord Charging Stations	67	EA	\$ 780.00	\$ 52,260.00	240	\$ 43.00	\$ 10,320.00	\$ 62,580.00
2	EV Charging Station Mounts/Pedastals	35	EA	\$ 659.00	\$ 23,065.00	35	\$ 43.00	\$ 1,505.00	\$ 24,570.00
3	Titan Anchors	160	EA	\$ 2.50	\$ 400.00	35	\$ 43.00	\$ 1,505.00	\$ 1,905.00
4	Misc Supplies, connectors	1	LS	\$ 250.00	\$ 250.00	67	\$ 43.00	\$ 2,881.00	\$ 3,131.00
7	Pedastal Kits	67	EA	\$ 200.00	\$ 13,400.00	40	\$ 43.00	\$ 1,720.00	\$ 15,120.00
8									
9				Materials	\$ 89,375.00	417	Labor	\$ 17,931.00	
10				7% Tax	\$ 6,256.25		Burden	\$ 7,531.02	
11				Total Mat.	\$ 95,631.25		Labor Total	\$ 25,462.02	
12	Badging	0	LS	\$ -					\$ -
13	Mobilization/set up deliveries of materials	1	EA	\$ 750.00					\$ 750.00
14								Labor and Material Total	\$ 121,843.27
16									
17	Contractor Support			Labor/Misc.				Contractor Support	\$ 58,411.00
18	Working Foreman	240	HRS	\$ 43.00	\$ 10,320.00				\$ 180,254.27
19	Superintendant	120	HRS	\$ 50.00	\$ 6,000.00			GC Mark-up 15%	\$ 27,038.14
20	Close-out tech	0	HRS	\$ -	\$ -			'ayment and Pefomance Bon	\$3,935.10
21	MOT-Adjust barricades as work progresses	8	HRS	\$ 35.00	\$ 280.00				
22	UON Support/Coordination	1	LS	\$ 450.00	\$ 450.00			Grand Total	\$ 211,227.51
23	Articulating Boom lift x 2	0	MO	\$ -	\$ -				
24	Phone X 2	1.5	MO	\$ 150.00	\$ 337.50				
25	Truck x 2	1.5	MO	\$ 850.00	\$ 1,912.50				
26	Dumpsters/Debris Removal-will use on site exisitng/site clean during operations	0	LS	\$ -	\$ -				
27	Permit	1	LS	\$ 4,500.00	\$ 4,500.00				
28				Labor	\$ 39,550.00				
29				Burden 42%	\$ 16,611.00				
30				Equipment	\$ 2,250.00	\$ 58,411.00			

Balance as of 1/23/23
\$500,000

CAPITAL EXPENDITURE FUND
FISCAL YEAR 2022 - 2023

CAPITAL INITIATION REQUEST FORM

CIR # : CIR00839
Section: S713

Contact Name: Mark Birkebak
Extension: 4058

CIP Number:
Date Submitted: 2/24/2022

Project Title:
Electric Vehicle Charging Stations

I. Project Scope

Replace existing OUC Electric Vehicle (EV) charging stations in Garage(s) A & B, with new GOAA EV charging stations. Add an additional 5 new EV charging units where marked spaces don't have one. Provide new units in Garage C at spaces provided under Terminal C parking garage expansion. All wiring is in place.

II. Funding Requirements:

	Estimated Proj. Cost	Approved to Date	Current Request	Current & Appr Total
A&E Consultant Fees	-	-	-	-
Construction Contracts	450,000	-	450,000	450,000
OAR Fees	50,000	-	50,000	50,000
Miscellaneous	-	-	-	-
Contingency.	-	-	-	-
General Consultant	-	-	-	-
Legal Fees	-	-	-	-
Engineering Consultant	-	-	-	-
Other Professional Services	-	-	-	-
Environmental Consultant	-	-	-	-
Engineering Development Consultant	-	-	-	-
Transportation Consultant	-	-	-	-
Outside Services	-	-	-	-
Rentals & Leases	-	-	-	-
Maintenance Contracts	-	-	-	-
Other Repairs & Maintenance	-	-	-	-
Other Promotional Activities	-	-	-	-
Operating Supplies	-	-	-	-
Operating FF&E	-	-	-	-
Land & Permanent Easements	-	-	-	-
Buildings & Structures	-	-	-	-
Boilers & Machinery	-	-	-	-
Improvement other than Buildings & Structures	-	-	-	-
Furniture, Fixtures, & Equipment	-	-	-	-
Software & Software Upgrades	-	-	-	-
Computer Equipment & Media	-	-	-	-
Artwork	-	-	-	-
Vehicles	-	-	-	-
Motorized Equipment	-	-	-	-
Small CIP	-	-	-	-
Total	500,000	0	500,000	500,000

III. Project Justification (Priority):

Priority: Important	Category: Mech./Elect
Dept Ranking: 1	
Goals, Objectives and Strategies Selected G1. Customer Services; O2. Baseline Service Expectations; S5. Employee Benchmark Comparisons with other Airports (O&M)	
Mandated Federal Statute State Statute Local Statute Contractual Safety/Security	Statute or Contract Number
Maintenance Life Cycle Preventative/Upgrade Refurbishment Obsolescence	Purch Date/Life Expectancy X
Is Item Technology Related?	No
Date Submitted to ITGC	Approved?

IV. Schedule: Required to Populate Funding

Oct	Nov	Dec	Jan
-	\$500,000	-	-
Feb	Mar	Apr	May
-	-	-	-
Jun	Jul	Aug	Sep
-	-	-	-

VIII. Project Funding

308-713-611-5660003-000-501620	Construction Contracts	\$500,000
	Total	\$500,000

SECTION 00 65 19.29 - FINAL RELEASE FORM

GREATER ORLANDO AVIATION AUTHORITY

KNOW ALL PERSONS BY THESE PRESENTS, that the undersigned, **conditioned upon payment** of the sum of _____ DOLLARS (\$_____) (final total Contract amount), paid by the Greater Orlando Aviation Authority (hereinafter referred to as "Owner"), does hereby fully and completely discharge and release the Owner from and waives any and all debts, accounts, promises, damages, liens, encumbrances, causes of action, suits, bonds, judgments, claims and demands whatsoever, in law or in equity, which the undersigned ever had, now has or might hereafter have on account of labor performed, material furnished or services rendered, directly or indirectly, for the Contract between the parties, dated _____, known as "Bid Package E-287,, Parking Garage EV Charging Stations, Orlando International Airport," except for those claims, disputes and other matters arising out of or relating to said Contract which have been raised by written demand in accordance with the Contract Documents prior to this date and identified by the Contractor as unsettled in the final Application for Payment.

The undersigned further covenants that all subcontractors, suppliers, materialmen and any or all other persons supplying material, supplies, services or labor used directly or indirectly in or for the Work will be paid in full upon receipt of final payment from Owner.

The undersigned shall maintain in full force and effect the provisions of the Contract Documents respecting the guaranty against defective work, and any other special guaranties required by the Contract Documents, for the terms provided in the Contract Documents, which terms shall begin to run from the date specified in the Contract Documents.

The undersigned represents and warrants that the statements contained in the foregoing Release are true and correct.

IN WITNESS WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20 ____.

Power Engineering Group, Inc.

By: _____

Title: _____

(CORPORATE SEAL)

Final Release Form must be signed by a corporate officer or such other representative of the Contractor with authority to bind the Contractor to this Release.

SECTION 00 65 19.33 - SUBCONTRACTOR FINAL RELEASE FORM

GREATER ORLANDO AVIATION AUTHORITY

KNOW ALL PERSONS BY THESE PRESENTS, that the undersigned, conditioned upon payment of the sum _____ of _____ DOLLARS (\$ _____) (final total Contract amount), paid by the Contractor does hereby fully and completely discharge and release the Greater Orlando Aviation Authority from and waives any and all debts, accounts, promises, damages, liens, encumbrances, causes of action, suits, bonds, judgments, claims and demands whatsoever, in law or in equity, which the undersigned ever had, now has or might hereafter have on account of labor performed, material furnished or services rendered, directly or indirectly, for the Project known as "Bid Package E-287,, Parking Garage EV Charging Stations, Orlando International Airport," except for those Claims made in accordance with the Contract Documents prior to this date and identified by the Contractor as unsettled in the Contractor's final Application for Payment.

This Final Release and Waiver is conditioned upon receipt of the final payment from the Contractor in the amount of _____ Dollars (\$ _____) and is not effective until that payment is received.

The undersigned further covenants that all sub-subcontractors, suppliers, materialmen and any or all other persons supplying material, supplies, services or labor used, directly or indirectly, on or for the Project have been paid in full.

The undersigned shall maintain in full force and effect all guaranties against defective work, and any other special guaranties required by the Subcontract.

The undersigned represents and warrants that the statements contained in the foregoing Release are true and correct.

IN WITNESS WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20 ____.

SUBCONTRACTOR (print/type name)

By: _____
(signature)

Title: _____

(CORPORATE SEAL)

Final Release Form must be signed by a corporate officer or such other representative of the Contractor with authority to bind the Contractor to this Release.

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

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

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>EDITION</u>
00 72 13	General Conditions of the Contract for Construction	03/2022
00 73 00	Supplementary Conditions of the Contract for Construction	03/2022
00 73 19.13	Hazardous Materials	03/2022
00 73 93	Special Conditions Regarding Construction at Airport Facilities	03/2022
00 73 93.01	Security and Badging at Airports	03/2022
01 21 00	Allowances	07/2019
01 23 00	Alternates	07/2019
01 25 00	Substitution Procedures	07/2019
01 29 73	Schedule of Values	07/2019
01 31 00	Project Management and Coordination	07/2019
01 31 14.13	System Interruptions - UON Procedures	07/2019
01 31 19	Project Meetings	07/2019
01 32 13	Scheduling of Work	07/2019
01 32 33	Photographic Documentation	07/2019
01 33 23	Shop Drawings, Product Data and Samples	07/2019
01 42 00	References	07/2019
01 45 00	Quality Control	07/2019
01 50 00	Temporary Facilities and Controls	07/2019
01 55 30	Requirement for Use of Canal Road	07/2019
01 60 00	Product Requirements	07/2019
01 71 23	Field Engineering	07/2019
01 73 29	Cutting and Patching	07/2019
01 74 23	Final Cleaning	07/2019
01 78 00	Closeout Submittals	07/2019
Div. 4	Masonry	12/2014
Div. 9	Finishes	03/2016
Div. 10	Specialties	08/2017
Div. 11	Equipment	12/2014
Div. 12	Furnishings	03/2016
Div. 13	Special Construction	12/2014
Div. 14	Conveying Systems	07/2016
Div. 21	Fire Suppression	12/2015
Div. 22	Plumbing	06/2019
Div. 23	Heating, Ventilating and Air Conditioning (HVAC)	04/2017
Div. 26	Electrical	10/2018
Div. 27	Communications	06/2019
Div. 28	Electronic Safety and Security	07/2017

MEMORANDUM

TO: Members of the Construction Committee

FROM: Edelis Molina, Manager Small Business Programs

DATE: November 21, 2023

RE: Request for Approval of a Job Order Construction Services Addendum to the Continuing Electrical Construction Services Agreement with Power Engineering Group, Inc. for E-00287 Parking Garage EV Charging Stations, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited scope of the required services, Power Engineering Group, Inc. did not propose small business participation on this job order construction services addendum.

Our analysis indicates that Power Engineering Group, Inc. is eligible for award of the subject job order construction services addendum.