







10748 Deerwood Park Blvd South  
Jacksonville, FL 32256

904-256-2500  
rsandh.com

CERTIFICATION OF  
AUTHORIZING SIGNATORY FOR  
PALM BEACH COUNTY CONTRACTS

I, Marlon F. Starr, Executive Vice President, Chief Legal Officer, and Corporate Secretary of RS&H, Inc., a Florida Corporation (the "Corporation"), hereby certify that:

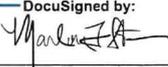
- (1) The Corporation is duly organized and existing under the laws of the State of Florida, and
- (2) The following individuals are duly appointed officers of the Corporation and are authorized and empowered to execute in the name of the Corporation all proposals, agreements, supplements, contracts, and other documents which they may deem necessary or appropriate, up to the dollar value indicated below, in connection with Palm Beach County, Florida:

Andrew P. Wheeler  
Dennis Iskra

Executive Vice President (\$7M)  
Vice President (\$1.5M)

I further certify that the foregoing authorization shall remain in full force and effect until written notice of amendment or rescission shall have been received by the County, and that receipt of such notice shall not affect any action taken by the authorized officers prior thereto.

IN WITNESS WHEREOF, I have hereto subscribed my name and affixed the Seal of the Company this 21st day of October, 2025.

DocuSigned by:  
  
E0EB18D6D46247C  
Marlon F. Starr  
Corporate Secretary





3125 W Commercial Blvd, Suite 130  
Fort Lauderdale, FL 33309

☎ 954-474-3005  
☎ 954-474-3006  
[rsandh.com](http://rsandh.com)

December 19, 2025

Palm Beach County Department of Airports  
ATTN: Ms. Lauren Scott, Deputy Director Planning & Development  
846 Palm Beach International Airport  
West Palm Beach, Florida 33406-1470

RE: Airport Facilities & Systems Planning, Design, Engineering and Construction  
Management Professional Services for Palm Beach County Department of Airports  
AMENDMENT NO. 16 TO CONTRACT

Dear Ms. Scott,

RS&H is pleased to submit for your review and approval the Amendment No. 16 for the *Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services* project at Palm Beach International Airport.

Amendment 16 is for additional services needed to continue performance of on-going services related to Tasks authorized prior to expiration of contract.

Please contact me if you have any questions regarding this transmittal. My direct phone is (904) 521-2154.

Respectfully submitted,

RS&H, Inc.

Signed by:

145538EE295471  
Delnis Iskra, AIA CM

Vice President, Senior Principal Architect

Cc: Andrew P. Wheeler

**AMENDMENT NO. 16 TO CONTRACT FOR CONSULTING / PROFESSIONAL SERVICES**

**This Amendment No. 16 to the Contract for Consulting/Professional Services** (“Amendment No. 15”) is made as of \_\_\_\_\_, by and between Palm Beach County, a political subdivision of the State of Florida (“COUNTY”), and RS&H, Inc. (“CONSULTANT”), a corporation authorized to do business in the State of Florida, whose Federal Tax I.D. number is 59-2986466.

**WITNESSETH**

**WHEREAS**, on May 7, 2019, the COUNTY entered into a Contract (R2019-0612) (the Contract) with the CONSULTANT for the CONSULTANT to provide Consulting / Professional Services for the Palm Beach County Department of Airports (“Department of Airports”), for a period of two (2) years, with two (2) one (1) –year renewal options, the exercise of which are within the COUNTY’s sole control and discretion; and

**WHEREAS**, Article 26 of the Contract requires an amendment to add or modify services; and

**WHEREAS**, on May 5, 2020, the COUNTY entered into an Amendment No. 1 (R2020-0414) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on October 20, 2020, the COUNTY entered into an Amendment No. 2 (R2020-1607) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on May 4, 2021, the COUNTY entered into an Amendment No. 3 (R2021-0576) with the CONSULTANT to extend the term of the Contract for one (1) additional one (1) year period in accordance with Article 2 of the Contract; and

**WHEREAS**, on June 15, 2021, the COUNTY entered into an Amendment No. 4 (R2021-0844) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on March 22, 2022, the COUNTY entered into an Amendment No. 5 (R2022-0263) with the CONSULTANT to extend the term of the Contract for the final additional one (1) year period in accordance with Article 2 of the Contract; and

**WHEREAS**, on January 24, 2023, the COUNTY entered into an Amendment No. 6 (R2023-0103) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on April 4, 2023, the COUNTY entered into an Amendment No. 7 (R2023-0447) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on April 18, 2023, the COUNTY entered into an Amendment No. 8 (R2023-0532) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on October 17, 2023, the COUNTY entered into an Amendment No. 9 (R2023-1540) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on November 7, 2023, the COUNTY entered into an Amendment No. 10 (R2023-1595) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on April 2, 2024, the COUNTY entered into an Amendment No. 11 (R2024-0345) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on July 2, 2024, the COUNTY entered into an Amendment No. 12 (R2024-0824) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on November 19, 2024, the COUNTY entered into an Amendment No. 13 (R2024-1553) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on February 11, 2025, the COUNTY entered into an Amendment No. 14 (R2025-0221) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, on December 2, 2025, the COUNTY entered into an Amendment No. 15 (R2025-1792) with the CONSULTANT to provide additional professional services for the Department of Airports in accordance with Article 26 of the Contract; and

**WHEREAS**, the parties desire to amend the Contract by adding services as described in Exhibit A and increasing the not-to-exceed amount by \$1,396,018.55.

**NOW THEREFORE**, in consideration of the mutual covenants herein contained, and such other good and valuable consideration, the receipt of which the parties hereby acknowledge, the parties agree to the following terms and conditions:

1. The Contract is hereby amended to add the Scope of Services and Fees set forth in Exhibit A to this Amendment No. 16. The total amount to be paid by the COUNTY to the CONSULTANT for professional services associated with this Amendment No. 16, including any out of pocket expenses, shall not exceed One Million Three-Hundred Ninety-Six Thousand Eighteen Dollars and Fifty-Five Cents (\$1,396,018.55).
2. Except as modified herein, all terms and conditions of the Contract shall remain in full force and effect. In the event of any conflict or inconsistency between the provisions of the Contract and the provisions of this Amendment No. 16, the provisions of this Amendment No. 16 shall govern and control.
3. All exhibits attached hereto and referenced herein shall be deemed to be incorporated in the Contract by reference.
4. This Amendment No. 16 shall become effective when signed by both parties and approved by the Palm Beach County Board of County Commissioners.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK  
IN WITNESS WHEREOF, the parties hereto have duly executed this Amendment No. 16 as of  
the day and year first above written.

**ATTEST:**  
**MICHAEL A. CARUSSO, CLERK of the**  
**CIRCUIT COURT & COMPTROLLER**

**PALM BEACH COUNTY**  
**BOARD OF COUNTY COMMISSIONERS**

\_\_\_\_\_  
**CLERK OF CIRCUIT COURT**  
**AND COMPTROLLER**

By: \_\_\_\_\_  
**Deputy Clerk**

By: \_\_\_\_\_  
**Sara Baxter, Mayor**

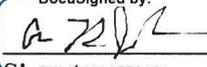
**APPROVED AS TO FORM**  
**AND LEGAL SUFFICIENCY**

**APPROVED AS TO TERMS AND**  
**CONDITIONS**

By: \_\_\_\_\_  
**County Attorney**

By:   
**Director of Airports**

**WITNESSES:**

DocuSigned by:  
  
Signature 09240689457A464...

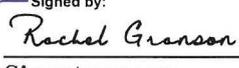
Aaron Jackson  
\_\_\_\_\_  
**Name (type or print)**

**CONSULTANT:**

**RS&H, Inc.**  
\_\_\_\_\_  
**Company Name**

Signed by:  
By:   
Signature 09240689457A464...

**Dennis Iskra**  
\_\_\_\_\_  
**Name (type or print)**

Signed by:  
  
Signature 09240689457A464...

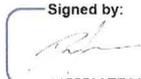
Rachel Granson  
\_\_\_\_\_  
**Name (type or print)**

**Vice President – Senior Principal Architect**  
\_\_\_\_\_  
**Title**

**NONGOVERNMENTAL ENTITY HUMAN  
TRAFFICKING AFFIDAVIT (§ 787.06(13), Fla. Stat.)  
THIS AFFIDAVIT MUST BE SIGNED AND NOTARIZED**

I, the undersigned, am an officer or representative of RS&H, Inc.  
(CONTRACTOR) and attest that CONTRACTOR does not use coercion for labor or services as defined in section 787.06, Florida Statutes.

**Under penalty of perjury, I hereby declare and affirm that the above stated facts are true and correct.**

Signed by:   
\_\_\_\_\_  
(Signature of officer or representative)

Dennis Iskra  
\_\_\_\_\_  
(printed name of officer or representative)

**State of Florida, County of Palm Beach**

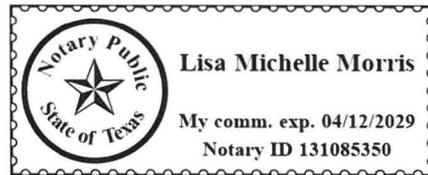
Sworn to and subscribed before me by means of  physical presence or  online notarization  
this, 5th day of January 2026, by Lisa Morris CDFA.

Personally known  OR produced identification .

Type of identification produced \_\_\_\_\_.

DocuSigned by:   
\_\_\_\_\_  
61B95644320E421...  
NOTARY PUBLIC

My Commission Expires:  
State of Florida at large



## **AMENDMENT NO 16 INDEX**

### **CERTIFICATE OF INSURANCE**

#### **EXHIBIT A: AMENDMENT NO. 16**

EXHIBIT A-1 – Task I-23-PBI-R-028 Switchgear Replacement Phase 2 Amendment

EXHIBIT A-2 – Task I-25-PBI-R-048 New ARFF – Construction Administration Services

EXHIBIT A-3 – Task III Services

#### **EXHIBIT B: DETAILED FEES, EXPENSES AND PAYMENTS**

EXHIBIT B-I: Summary of Fees

EXHIBIT B-II: Schedule of Payments

#### **EXHIBIT C – PROPOSED SCHEDULES**

#### **EXHIBIT D – DISADVANTAGED BUSINESS ENTERPRISE COMPLIANCE**

**CERTIFICATE OF INSURANCE**





**ADDITIONAL REMARKS SCHEDULE**

AGENCY Edgewood Partners Ins Center		NAMED INSURED RS&H, Inc. 10748 Deerwood Park Blvd South Jacksonville, FL 80237-0000	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

**ADDITIONAL REMARKS**

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,  
FORM NUMBER: 25 FORM TITLE: CERTIFICATE OF LIABILITY INSURANCE**

RS&H, Inc.  
 REYNOLDS, SMITH AND HILLS, INC.  
 RS&H ARCHITECTS-ENGINEERS-PLANNERS, INC. A NC CORP.  
 RS&H COMMERCIAL REALTY, INC.  
 RS&H MARYLAND, INC.  
 RS&H MASSACHUSETTS, INC.  
 RS&H MICHIGAN, INC.  
 HB&A, LLC  
 REYNOLDS, SMITH AND HILLS ARCHITECTS-ENGINEERS PLANNERS, PA A NJ PROFESSIONAL ASSOCIATION  
 RS&H ARCHITECT AND ENGINEER, PC, A NY CORP.  
 RS&H ALABAMA, INC.  
 RS&H ARKANSAS, INC.  
 RS&H CALIFORNIA, INC.  
 RS&H CONNECTICUT, INC.  
 RS&H IDAHO, P.C.  
 RS&H ILLINOIS, INC.  
 RS&H IOWA, P.C.  
 RS&H MISSISSIPPI, PC  
 RS&H MONTANA, P.C  
 RS&H NEVADA, INC.  
 RS&H OHIO, INC.  
 RS&H OREGON, ARCHITECTS-ENGINEERS-PLANNERS, PC  
 RS&H PENNSYLVANIA, INC.

Reference Number - DX00000525. Pin Number : 16539862. Contract Name: Consulting/Professional Services. Contract Number: DOA 18-2A. Palm Beach County Board of County Commissioners are named as Additional Insureds with respects to General Liability where required by written contract. Waiver of Subrogation in favor of Additional Insured(s) where required by written contract & allowed by law.

**EXHIBIT A: AMENDMENT NO. 16**

This Amendment No 16 is in accordance with the Contract for Consulting/Professional Services (Agreement R-2019-0612) between Palm Beach County (COUNTY) and RS&H, Inc. (CONSULTANT) dated May 7, 2019. The Airport has requested that RS&H (Consultant), under the Agreement, provide a scope and fee for additional services needed to continue performance of on-going services related to tasks authorized prior to expiration of contract.

**CERTIFICATE OF INSURANCE**

**EXHIBIT A: AMENDMENT NO. 16**

EXHIBIT A-1 – Task I-23-PBI-R-028 Switchgear Replacement Phase 2 Amendment

EXHIBIT A-2 – Task I-25-PBI-R-048 New ARFF – Construction Administration Services

EXHIBIT A-3 – Task III Services

**EXHIBIT B: DETAILED FEES, EXPENSES AND PAYMENTS**

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**EXHIBIT C – PROPOSED SCHEDULES**

**EXHIBIT D – DISADVANTAGED BUSINESS ENTERPRISE COMPLIANCE**

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**EXHIBIT A-1 – Task I-23-PBI-R-028 Switchgear Replacement Phase 2 Amendment**



3125 W Commercial Blvd  
Suite 130  
Fort Lauderdale, FL 33309

☎ 954-474-3005  
✉ 954-474-3006  
[rsandh.com](http://rsandh.com)

October 29, 2025

Ms. Lauren Scott  
Deputy Director of Airports Planning  
Palm Beach County Department of Airports  
846 Palm Beach International Airport  
West Palm Beach, Florida 33406-1470

**RE: Palm Beach County Department of Airports  
Airport Facilities & Systems Planning, Design, Engineering and Construction Management  
Professional Services for Palm Beach County Department of Airports**

**Fee and Scope Increase for Task I-23-PBI-R-028**

Dear Ms. Scott:

RS&H, Inc. submits this scope revision / fee increase of \$148,524.98 for acceptance for Task noted. See breakdown provided below.



**Task I-23-PBI-R-028: Switchgear Replacement Phase 2 (R-2023-0103)**

DOA has requested that due to budget constraints, the Switchgear Ph 2 project be split into separate construction projects. Package 1 will be constructed in DOA FY'26 while Package 2 will be constructed in DOA FY'27. Each package is estimated to be part of an approximately \$10M fiscal year budget.

As per your request, RS&H submits this scope and fee reduction for Task Authorization No. I-23-PBI-R-028 Switchgear to remove Task 3 Phase 3C: 100% Construction Documents and Task 4 Bidding Phase Services. Note that \$1,318.05 of Proposal Task 3 was invoiced as DOA requested assistance to develop preliminary packages of the project to fit within DOA fiscal year budgets of 'FY26, 'FY27, 'FY28.

See included Attachment A.1 for updated Scope of Work that descopes the remaining effort of Task I-28-PBI-R-028 and associated fees.

DESCRIPTION OF WORK	SCHEDULED VALUE	Change	REVISED VALUE
Task I-23-PBI-R-028: DEDUCT			
RS&H Labor (LS)	\$ 204,231.42	\$ (71,146.74)	\$ 133,084.68
RS&H Expenses (NTE)	\$ 10,005.00	\$ 0.00	\$ 10,005.00
Subconsultants (LS)			
Quantum*	\$ 535,353.05	\$ (70,170.43)	\$ 465,182.62
Connico*	\$ 70,200.00	\$ (14,600.00)	\$ 55,600.00
<b>Subtotal</b>	<b>\$ 819,789.47</b>	<b>\$ (155,917.17)</b>	<b>\$ 663,872.30</b>

\*DBE

As per your request, RS&H submits this scope and fee addition to Task Authorization No. I-23-PBI-R-028 Switchgear to provide Ph 3C: 100% CD's and Ph 4: Bidding and Award Services for the deliverables of separate construction packages for DOA FY'26 and DOA FY'27. See included Attachment A.2 for Scope of Work and associated fees.

DESCRIPTION OF WORK	SCHEDULED VALUE	Change	PROPOSED VALUE
Task I-23-PBI-R-028: ADD			
RS&H Labor (LS)	\$ 0.00	\$ 202,553.43	\$ 202,553.43
RS&H Expenses (NTE)	\$ 0.00	\$ 0.00	\$ 0.00
Subconsultants (LS)			
Quantum*	\$ 0.00	\$ 69,939.61	\$ 69,939.61
Connico*	\$ 0.00	\$ 31,949.11	\$ 31,949.11
<b>Subtotal</b>	<b>\$ 0.00</b>	<b>\$ 304,442.15</b>	<b>\$ 304,442.15</b>

\*DBE



The following table summarizes the dollar value change to DOA Task I-23-PBI-R-028.

DESCRIPTION OF WORK	SCHEDULED VALUE	Change	NEW SCHEDULED VALUE
Task I-23-PBI-R-028: TOTAL			
RS&H Labor (LS)	\$ 204,231.42	\$ 131,406.69	\$ 335,638.11
RS&H Expenses (NTE)	\$ 10,005.00	\$ 0.00	\$ 10,005.00
Subconsultants (LS)			
Quantum*	\$ 535,353.05	\$ (230.82)	\$ 535,122.23
Connico*	\$ 70,200.00	\$ 17,349.11	\$ 87,549.11
Subtotal	<b>\$ 819,789.47</b>	<b>\$ 148,524.98</b>	<b>\$ 968,314.45</b>

\*DBE



Your signature below will serve as approval of the above listed transfer requests. If you have any questions or comments, please feel free to contact me at (904) 521-2154 or [Dennis.Iskra@rsandh.com](mailto:Dennis.Iskra@rsandh.com).

Respectfully Submitted,  
RS&H, Inc.

Signed by:  
  
1455538EE205471  
Dennis Iskra, AIA  
Vice President

cc: File

Attachment A.1 & A.2 – Proposals for Task I-23-PBI-R-028



**ATTACHMENT A.1**

Updated I-23-PBI-R-028 Proposal (DEDUCT)

# **Switchgear Replacement - Phase 2 Scope of Work (Deduct)**

Version 3.0

October 27, 2022 (**Updated October 6, 2025**)

Palm Beach County (PBC) Department of Airports (DOA)

West Palm Beach, FL

Task Authorization No.: I-22-PBI-R-028

RS&H Project No.: 2006-3101-028

Prepared by RS&H, Inc. at the  
direction of PBC DOA.

**RS&H**

## I PROJECT DESCRIPTION

The Airport has requested that RS&H (Consultant) under the Agreement with RS&H for Airport Facilities and System Consulting Services for Palm Beach County Department of Airports Project No. DOA 18-2A provide a scope and fee for replacement of primary electrical components that provide electrical service to the Terminal Complex at Palm Beach International Airport (PBI) (Project).

The following professional disciplines/services/specialties are expected to play a significant role in the development of the Project:

- » Project Management
- » Civil Engineering
- » Architecture
- » Structural Engineering
- » Mechanical Engineering
  - HVAC
- » Electrical Engineering
- » Low Voltage Systems
- » Cost Estimating

The Consultant design team is made up of the following professionals:

<u>Consultant/Subconsultant</u>	<u>Involvement</u>
RS&H	Project Management, Civil Engineering, Architectural, Structural Engineering, Mechanical Engineering, Low Voltage, MOT (Airside)
Quantum Electrical Engineering, Inc. (QEE)	Electrical Engineering
Connico	Cost Estimating

The Consultant design team in this project will design the replacement of primary electrical components that provide electrical service to the Terminal Complex at Palm Beach International Airport (PBI). This project will provide the design services to support the replacement of primary electrical distribution components as well as needed phasing, sequencing, and temporary power to maintain the operation of the PBI terminal complex.

The following Tasks are included in the Project Scope of Work:

- » Task A: Replacement of the following Terminal Building Switchgear
  - Perform Electrical Load Testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power (kilo-volt amperes or kV A), amps, and voltage and power factor at selected circuit breakers. The collect

data for each location will be utilized in the preparation of construction documents.

- Design the replacement of existing Substation "T" (located in Terminal Main Electrical Room).
- Design the replacement of existing medium voltage distribution transformers "T-3" and "T-4", located in Terminal Main Electrical Room.
- Design the replacement of existing Switchboard "ET" and medium voltage distribution transformer "T-7", located in Terminal Main Electrical Room. Includes design of a new Switchboard "ET" in Substation D Electrical Room, new Switchboard "ET2" in the Main Electrical Room and new 4.16kV:480Y/277V stepdown oil filled transformer "T-7". Also includes the replacement of 4.16kV and 480V feeder conductors associated with the switchboard and transformer replacement.
- Design an expansion of the existing 4.16kV emergency distribution system to include new connections to the existing "CP-MV MCC" in Chiller Plant, existing switchboards "BHS3" and "HM3" for the Baggage Handling System and new 480V emergency switchboards "ET" and "ET2" (via new medium voltage transformer "T-7"). Includes the new 4.16kV Switchgear "EPDS2" installed within the Substation "D" Electrical Room, modifications to existing "CP-MV MCC", reprogramming/modifications to generator controls, modifications to switchboards BHS3/HM3 and new 4.16kV medium voltage and 480V feeder conductors associated with the expansion.
- Design the replacement of existing Switchboards "EMT1", "EMT2", "EMT3", "ME2", "MW2", "T", "TL1", "TL2", "TL3", "TT" and "TT7" located in the Terminal Building Electrical Rooms. Includes the replacement of existing upstream and downstream 480V feeder conductors to facilitate the switchboard replacements.
- Design the replacement for panelboards that are labeled as "overdutied" by the 2017 Short Circuit, Device Coordination and Arc Flash Analysis. Includes replacement of panelboard "EMTL1", "EMTL3", "EMTL5", "ETL1", "EL4, and "L1B".
- Design the replacement of circuit breakers for panelboards that are labeled as "overdutied" by the 2017 Short Circuit, Device Coordination and Arc Flash Analysis. Includes replacement of circuit breakers in SWBD "NDP1" and "CNDP" and panelboard "ELFIS.
- Equipment pads may be required to be modified due to new equipment weight and / or footprint. Equipment that does not have pads will be provided with new pads. However, existing conduit trench under substation may preclude installation of pads.

- Expansion of existing energy management system and integration/ reprogramming of the facility management system to accept data from new monitoring points on the energy management system.
- Modification to the AOA fencing for the removal of Pedestrian Gate P-2 during construction to allow for equipment to be brought in and out of the loading dock door.
- Removal and replacement of existing ceilings to facilitate installation of any new conduit raceways
- Confirm if HVAC in main electrical room is adequate to support room for added heat load from new electrical equipment and provide supplemental service if needed.
- Confirm if HVAC in Substation D electrical room is adequate to support room for added heat load from new electrical equipment and provide supplemental service if needed.
- » Task B: Replacement of Concourse A Switchgear
  - Perform Electrical Load Testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power (kilo-volt amperes or kV A), amps, and voltage and power factor at selected circuit breakers. The collect data for each location will be utilized in the preparation of construction documents.
  - Design the replacement of existing Substation "A", located exterior to Concourse A. Includes new main-tie-main substation with two 13.2kV:480Y/277V stepdown oil-filled transformers, 13.2kV load break switches and 480V distribution breakers. Also includes the replacement of feeder conductors associated with the substation replacement.
  - Design the replacement of existing Switchboard "A", located in Concourse A Electrical Room. Includes the replacement of existing upstream and downstream 480V feeder conductors to facilitate the switchboard replacement.
  - Design the relocation of Panelboard "DP" feeder conductors from the existing Switchboard "A" to Substation "A" to repower Panel "DP" from Substation "A".
- » Task C: Replacement of Concourse B Switchgear Scope of Work
  - Perform Electrical Load Testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power (kilo-volt amperes or kV A), amps, and voltage and power factor at selected circuit breakers. The collect data for each location will be utilized in the preparation of construction documents.

- Design the replacement for panelboards that are labeled as “overdutied” by the 2017 Short Circuit, Device Coordination and Arc Flash Analysis. Includes replacement of panelboard “B”, “BM”, and “EBL1”.
  
- » Task D: Replacement of Concourse C Switchgear Scope of Work
  - Perform Electrical Load Testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power (kilo-volt amperes or kVA), amps, and voltage and power factor at selected circuit breakers. The collect data for each location will be utilized in the preparation of construction documents.
  - Design the replacement of existing Switchboard “ECL” and medium voltage transformer T-8, located in Concourse C Electrical Room. Includes designing a new switchboard with two interlocked main breakers and a new oil filled medium voltage transformer. Also includes the replacement of the existing 4.16kV medium voltage and 480V feeder conductors to facilitate the switchboard and transformer replacements.
  - Design the replacement of existing Switchboard “CT”, located in Concourse C Electrical Room. Includes the replacement of existing upstream and downstream 480V feeder conductors to facilitate the switchboard replacements.
  - Design the replacement for panelboards that are labeled as “overdutied” by the 2017 Short Circuit, Device Coordination and Arc Flash Analysis. Includes replacement of panelboard “C”, “CM”, “ECL1”, “CL1”, “CL2” and “PPCRA”.
  - Confirm if HVAC in Substation C electrical room is adequate to support room for added heat load from new electrical equipment and provide supplemental service if needed.
  
- » Task E: Replacement of Parking Garage Bldg. 1100 Switchgear Scope of Work
  - Perform Electrical Load Testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power (kilo-volt amperes or kVA), amps, and voltage and power factor at selected circuit breakers. The collect data for each location will be utilized in the preparation of construction documents.
  - Design the removal of medium voltage transformer “T-P”, located in Parking Garage Bldg. 1100 Electrical Room and designing a new FP&L service for Parking Garage. Includes coordination with FP&L and designing new electrical main breaker and new service conduit/conductor systems.
  - Design the replacement of existing Switchboard “MDP” and “EDP1”, located in Parking Garage Bldg. 1100 Electrical Room. Includes the replacement of existing

480V upstream and downstream feeder conductors associated with the switchboards.

- » Task F: Modification of chiller plant controls to allow chiller to run under emergency power.

Project includes the following Tasks:

- » Phase 3A: 60% Construction Documents
- » Phase 3B: 90% Construction Documents
- » Phase 3C: 100% Construction Documents
- » Phase 4: Bid Documents

Project excludes the following Tasks:

- » Phase 1A: Planning and Programming - Phase was completed in Task I-20-PBI-R-012 Electrical Distribution Report
- » Phase 1B: Conceptual Design - Phase was completed in Task I-20-PBI-R-012 Electrical Distribution Report
- » Phase 2: 30% Construction Documents - Phase was completed in Task I-20-PBI-R-012 Electrical Distribution Report

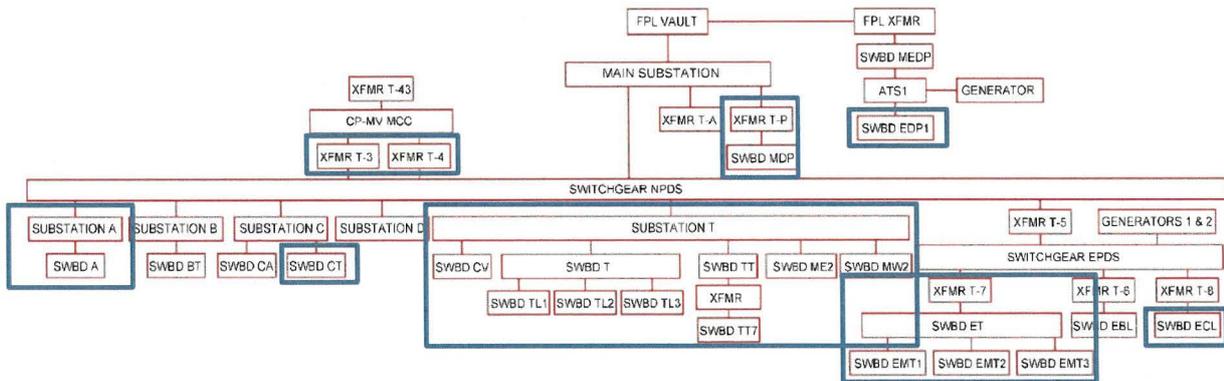


FIGURE 1: PBI EXISTING ELECTRICAL DISTRIBUTION BLOCK DIAGRAM

**Funding Expectations** – The Planning and Programming Report indicated the estimated construction cost for the Project at approximately \$10-\$11 million, however due to the current market fluctuations it is anticipated to be above the identified amount. The actual cost may vary significantly as the Project design progresses and the scope is further developed. Changes to the project cost may require changes in the Consultant’s efforts and require adjustments to the compensation indicated in this proposal.

**Project Duration** – The Project’s schedule is defined in the accompanying Project Schedule. The actual schedule may vary significantly as the Project design progresses and the scope is further developed. Changes to the project schedule may require changes in the Consultant’s efforts and require adjustments to the compensation indicated in this proposal.

## II PROJECT TASKS

### TASK 1 PHASE 3A: 60% CONSTRUCTION DOCUMENTS

Performance of this Task will be based on the report completed in Task I-20-PBI-R-012 Electrical Distribution Report and shall further refine the design and establish the scope, relationships, forms, size and appearance of the project through plans, sections, elevations, details and outline specifications. Specific task breakdowns are as follows:

#### Task 1.1 Project Kick-Off

The Consultant will participate in a single kickoff meeting at the Airport, attended by members of the Consultant’s team as well as Airport staff that are well versed on this project and able to provide the necessary information to the team. The meeting will define, among others:

- » Project goals and client expectations
- » Describe the methods by which the project will be performed
- » Discuss budget and funding sources
- » Discuss current condition of systems in question
- » Understand other ongoing work that may impact the Project
- » Discuss the design schedule
- » Define invoicing requirements (both for Airport as well as processing those for subconsultants)

Attendees will include the following Consultant team members:

- » Project Manager
- » Architect - Senior
- » Civil Engineer - Senior
- » Mechanical Engineer - Senior
- » Electrical Engineer

The Consultant will provide agenda and meeting minutes.

**Task 1.2 Site Inspection**

The Consultant shall coordinate the following efforts to be completed by the Electrical Engineer.

The Consultant's Senior Structural Engineer, Senior Mechanical Engineer and Electrical Engineer will visit the site to verify impacted equipment of Task A, B, C & D including physical equipment dimensions, measurements of conduit entrance into equipment along with the terminations in the existing equipment, removal and installation access pathways for equipment, determination if existing feeders are long enough to be re-terminated, phasing of the work for temporary power, and identification of all downstream loads of the existing 480V electrical distribution systems that are being replaced.

**Task 1.3 Design Coordination Meetings**

The Consultant shall participate, via ZOOM or another virtual program, coordination meetings with the Airport during this stage of document preparation. Two (2) meetings are expected and used as the basis of scope and fee preparation. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents. Each meeting is anticipated to be (1) one hour.

Attendees at those meetings will include the following Consultant team members:

- » Project Manager
- » Architect - Senior
- » Civil Engineer - Senior
- » Mechanical Engineer - Senior
- » Electrical Engineer

The Consultant will provide agenda and meeting minutes.

**Task 1.4 Testing**

Consultant (Electrical Engineer) shall perform electrical load testing for a period of thirty (30) days to capture the power electrical characteristics such as apparent power, amps, and voltage and power factor of up to 55 selected circuit breakers. The collect data for each location will be utilized in the preparation of construction documents. A written summary report of the testing results will be submitted to the Airport in pdf format.

**Task 1.5 60% Design Document Preparation**

Consultant shall prepare drawings, technical specifications, and calculations necessary to effectively identify, evaluate, and resolve Task A, B, C, & D above. Included will be documentation relative to the following disciplines:

#### Civil Design Development

Design development level documentation of the safety and security, site access, and Contractor laydown areas drawings for the to support SOW identified in Tasks A, B, D, & E above.

#### Architectural Design Development

Design development level documentation for spaces to support electrical SOW identified in Tasks A, B, C, D, & E above. Included will be development of floor plans and reflected ceiling plans to support conduit installation between electrical equipment.

#### Structural Design Development

Design development level documentation of any structural systems to support electrical SOW identified in Tasks A, B, C, D, & E above.

#### Mechanical HVAC Design Development

Design development level documentation of heating, ventilation, air conditioning and building automation system needing to be relocated to support electrical SOW identified in Tasks A, B, C, D, & E above. Included will be drawings documenting that operation of the chiller plant controls will need to be modified to allow it to run under emergency power.

#### Fire Protection Design Development

Design development level documentation of modification to the existing sprinkler system as applicable to support electrical SOW identified in Tasks A, B, C, & D above.

#### Electrical Design Development

Design development level documentation for Tasks A, B, C, D, & E above.

- a. Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Terminal Building during construction.
- b. , Includes preliminary short circuit calculations for sizing of electrical equipment withstand ratings for permitting and bidding purposes. Final short circuit calculation, device coordination and arc flash analysis along with arc flash labeling to be completed under CA services, which will be in a separate future proposal.
- c. Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- d. Includes design meeting all County Standards / Codes and permit requirements.

#### Low Voltage Design Development

Design development level documentation of security, communication, and premise distribution systems as required to support electrical SOW identified in Task A, B, C, D & E above. Included will be drawings documenting connections of new electrical equipment to the Facilities Management System (FMS) and Energy Management System (Eaton's Campus Dashboard

System). Also, the communications between the generators and the Building Management Systems (BMS) may need to be updated.

#### MOT Design Development

Design development level documentation of MOT plans as required to support electrical SOW identified in Task E only.

### **Task 1.6 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance, and acceptability
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance
- » Constructability Review – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines

### **Task 1.7 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

- » Drawings (.pdf)
- » Specifications (.pdf)

### **Task 1.8 Rough Order of Magnitude (ROM) Opinion of Probable Construction Costs**

#### Task 1.8.1 Design Team ROM

The Consultant will prepare a ROM cost estimate based on the level of completion. In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

### Task 1.8.2 CMAR ROM

The Consultant will review CMAR cost estimate (if completed by CMAR at this Deliverable) and provide comments (if applicable) to the Airport to confirm CMAR has properly captured Project scope of work.

### **Task 1.9 Design Development Review Meeting**

The Consultant shall coordinate and attend one (1) meeting to review Design Development phase submittal. Within two (2) weeks of the meeting, the Airport will provide any additional written comments to the Consultant that may affect the direction of the project.

The following Consultant team members will participate on-site at the Airport:

- » Project Manager
- » Architect - Senior
- » Civil Engineer - Senior
- » Electrical Engineer

The following Consultant team members will participate via ZOOM or another virtual program coordination:

- » Mechanical Engineer - Senior

Design review meeting anticipated to be within two (2) weeks after submittal of CMAR's constructability / cost estimate report to Airport.

The Consultant will provide agenda and meeting minutes.

### **Task 1.10 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

## **TASK 2 PHASE 3B: 90% CONSTRUCTION DOCUMENTS**

The 90% Construction Documents Phase will be based on the approved Phase 3A: 60% Construction Documents. The following elements further define the proposed scope of work in the construction document phase. The documents will include Drawings and Specifications that establish, in detail sufficient for production of shop drawings and construction, the configuration

and quality of the materials, components and systems required for the Project. Specific task breakdowns are as follows:

### **Task 2.1 Prior Phase Drawing/Comment Incorporation**

The Consultant shall review all written comments received from the Airport and / or CMAR regarding the prior phase submittal and incorporate applicable comments into plans and specifications during this construction document phase. A written report will be provided on how each received written comment will be incorporated or why it was not applicable.

### **Task 2.2 Design Coordination Meetings**

The Consultant shall participate via ZOOM or another virtual program coordination meetings with the Airport during this stage of document preparation. Two (2) meetings are expected and used as the basis of scope and fee preparation. The intent of the meetings will be to resolve any issues impeding the furthering of the construction documents. Each meeting is anticipated to be (1) one hour.

Attendees at those meetings will include the following Consultant team members:

- » Project Manager
- » Architect - Senior
- » Civil Engineer – Senior
- » Mechanical Engineer - Senior
- » Electrical Engineer

The Consultant will provide agenda and meeting minutes.

### **Task 2.3 90% Construction Documentation Preparation**

Consultant shall prepare drawings, technical specifications and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Included will be documentation relative to the following disciplines:

#### Civil/Site Construction Documents

90% CD design documentation of the safety and security site access, and Contractor laydown areas drawings to support electrical SOW identified in Tasks A, B, D & E above.

#### Architectural Construction Documents

90% CD design documentation for spaces that support electrical SOW identified in Tasks A, B, C, D & E above. Included will be development of floor plans and reflected ceiling plans to support conduit installation between electrical equipment.

#### Structural Construction Documents

90% CD design documentation of structural systems that support electrical SOW identified in Tasks A, B, C, D, and E above.

#### Mechanical HVAC Construction Documents

90% CD design documentation of heating, ventilation, air conditioning and building automation system needing to be relocated to support electrical SOW identified in Task A, B, C, D & E above. Included will be drawings documenting that operation of the chiller plant controls will need to be modified to allow it to run under emergency power.

#### Fire Protection Construction Documents

90% CD design documentation of modification to the existing fire protection system as applicable to support electrical SOW identified in Task A, B, C, D, & E above.

#### Electrical Construction Documents

90% CD design documentation for Tasks A, B, C, D & E above.

- a. Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Terminal Building during construction.
- b. Includes preliminary short circuit calculations for sizing of electrical equipment withstand ratings for permitting and bidding purposes. Final short circuit calculation, device coordination and arc flash analysis along with arc flash labeling to be completed under CA services, which will be in a separate future proposal.
- c. Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- d. Includes design meeting all County Standards / Codes and permit requirements.

#### Low Voltage Construction Documents

90% CD design documentation of security, communication, and premise distribution systems as required to support electrical SOW identified in Task A, B, C, D & E above. Included will be drawings documenting connections of new electrical equipment to the Facilities Management System (FMS) and Energy Management System (Eaton's Campus Dashboard System). Also, the communications between the generators and the Building Management Systems (BMS) may need to be updated.

#### MOT Construction Documents

90% CD design documentation of MOT plans as required to support electrical SOW identified in Task E only.

### **Task 2.4 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance and acceptability
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance
- » Constructability Review – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines

### **Task 2.5 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

- » Drawings (.pdf)
- » Specifications (.pdf)

### **Task 2.6 Rough Order of Magnitude (ROM) Opinion of Probable Construction Costs**

#### Task 2.6.1 Design Team ROM

The Consultant will prepare a ROM cost estimate based on the level of completion. In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### Task 2.6.2 CMAR ROM

The Consultant will review CMAR cost estimate (if completed by CMAR at this Deliverable) and provide comments (if applicable) to the Airport to confirm CMAR has properly captured Project scope of work.

### **Task 2.7 90% Construction Document Review Meeting**

The Consultant shall coordinate and attend one (1) meeting to review this Construction Document phase submittal. Within two (2) weeks of the meeting, the Airport will provide any additional written comments to the Consultant that may affect the direction of the project.

The following Consultant team members will participate on-site at the Airport:

- » Project Manager
- » Architect - Senior
- » Civil Engineer - Senior
- » Electrical Engineer

The following Consultant team members will participate via ZOOM or another virtual program coordination:

- » Mechanical Engineer - Senior

Design review meeting anticipated to be within two (2) weeks after submittal of CMAR's constructability / cost estimate report to Airport.

The Consultant will provide agenda and meeting minutes.

### **Task 2.8 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

### **Additional services: Preliminary Breakdown of Task 2.6 Deliverable into (3) Bid Packages that would fit with DOA fiscal budget in FY'26, FY'27 & FY'28.**

### ~~TASK 3 PHASE 3C: 100% CONSTRUCTION DOCUMENTS~~

~~The 100% Construction Documents Phase will be based on the approved 90% Design Development Phase documents. Specific task breakdowns are as follows:~~

#### ~~Task 3.1 Prior Phase Drawing/Comment Incorporation~~

~~The Consultant shall review all written comments received from the Airport and / or CMAR regarding the prior phase submittal and incorporate applicable comments into plans and specifications during this construction document phase. A written report will be provided on how each received written comment will be incorporated or why it was not applicable.~~

### **Task 3.2 100% Construction Document Preparation**

Consultant shall prepare drawings, technical specifications and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Included will be documentation relative to the following disciplines:

#### Civil/Site Construction Documents

~~Design of final documentation of the safety and security site access, and Contractor laydown areas drawings to support electrical SOW identified in Tasks A, B, D & E above.~~

#### Architectural Construction Documents

~~Design of final documentation for spaces that support electrical SOW identified in Tasks A, B, C, D & E above. Included will be development of floor plans and reflected ceiling plans to support conduit installation between electrical equipment.~~

#### Structural Construction Documents

~~Design of final documentation of structural systems that support electrical SOW identified in Tasks A, B, C, D & E above.~~

#### Mechanical HVAC Construction Documents

~~Design of final documentation of heating, ventilation, air conditioning and building automation system needing to be relocated to support electrical SOW identified in Task A, B, C, D & E above. Included will be drawings documenting that operation of the chiller plant controls will need to be modified to allow it to run under emergency power.~~

#### Fire Protection Construction Documents

~~Design of final documentation of modification to the existing fire protection system as applicable to support electrical SOW identified in Task A, B, C, D & E above.~~

#### Electrical Construction Documents

~~Design of final documentation for Tasks A, B, C, D & E above.~~

- ~~a. Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Terminal Building during construction.~~
- ~~b. Includes preliminary short circuit calculations for sizing of electrical equipment withstand ratings for permitting and bidding purposes. Final short circuit calculation, device~~

coordination and arc flash analysis along with arc flash labeling to be completed under CA services, which will be in a separate future proposal.

- c. Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- d. Includes design meeting all County Standards / Codes and permit requirements.

#### Low Voltage Construction Documents

Design of final documentation of security, communication, and premise distribution systems as required to support electrical SOW identified in Task A, B, C, D & E above. Included will be drawings documenting connections of new electrical equipment to the Facilities Management System (FMS) and Energy Management System (Eaton's Campus Dashboard System). Also, the communications between the generators and the Building Management Systems (BMS) may need to be updated.

#### MOT Construction Documents

Design of final design documentation of MOT plans as required to support electrical SOW identified in Task E only.

### **Task 3.3 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance and acceptability
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance
- » Constructability Review – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines

### **Task 3.4 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

- » Drawings (.pdf)
- » Specifications (.pdf)

### **Task 3.5 Rough Order of Magnitude (ROM) Opinion of Probable Construction Costs**

#### **Task 3.5.1 Design Team ROM**

The Consultant will prepare a ROM cost estimate based on the level of completion. In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

#### **Task 3.5.2 CMAR ROM**

The Consultant will review CMAR cost estimate (if completed by CMAR at this Deliverable) and provide comments (if applicable) to the Airport to confirm CMAR has properly captured Project scope of work.

### **Task 3.6 100% Construction Document Review Meeting**

The Consultant shall coordinate and attend one (1) meeting to review this Construction Document phase submittal. Within two (2) weeks of the meeting, the Airport will provide any additional written comments to the Consultant that may affect the direction of the project.

The following Consultant team members will participate on-site at the Airport:

- »— Project Manager
- »— Architect – Senior
- »— Civil Engineer – Senior
- »— Electrical Engineer

The following Consultant team members will participate via ZOOM or another virtual program coordination:

- »— Mechanical Engineer – Senior

Design review meeting anticipated to be within two (2) weeks after submittal of CMAR's constructability / cost estimate report to Airport.

The Consultant will provide agenda and meeting minutes.

**Task 3.7 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

**TASK 4 PHASE 4: BIDDING PHASE SERVICES**

Following the completion of the construction document phase, these efforts will occur during the process of bidding and permitting. Specific tasks are as follows:

**Task 4.1 Bid / Permit Documents**

Consultant shall prepare drawings and technical specifications from the previous phase submittal to be used by the CMAR for bidding and permitting.

The Consultant shall review all written comments received from the Airport or the CMAR regarding the prior phase submittal and incorporate applicable comments into plans and specifications during this construction document phase. A written report will be provided on how each received written comment will be incorporated or why it was not applicable.

**Task 4.2 Inquiries/Clarifications and Addenda**

The Consultant will respond to questions, clarifications, RFIs and substitutions submitted to the Consultant from the CMAR and will issue addenda to clarify and modify the project. All addenda will be approved by the Client prior to being issued to CMAR.

**Task 4.3 Bid Review and Recommendation**

The Consultant shall review the CMAR GMP proposal and provide a recommendation of Award.

**Task 4.4 Permitting Clarifications**

The Consultant will respond to questions, clarifications, and code considerations from permitting officials; and issue revisions as necessary.

**Task 4.5 Conformed Document**

The Consultant shall update the Bid / Permit documents to include all required modifications indicated during the bidding and permitting processes. This conformed set of documents will be provided to the contractor and the airport as the baseline for construction activities.

**Task 4.6 Project Management and Project Coordination**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team’s efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

**III MEETINGS AND PRESENTATIONS**

The following meetings and presentations will be attended as part of this proposal:

Task	Presentation / Meeting / Site Visit	Total Meetings	In-Person Meetings/Site Visits	Conference Calls/ Web-Based
1.1	Project Kick-Off	1	1	0
1.2	Site Inspection	1	1	0
1.3	60% CD Design Coordination Meetings	2	0	2
1.8	60% CD Review Meeting	1	1	0
2.2	90% CD Design Coordination Meetings	2	0	2
2.7	90% CD Review Meeting	1	1	0
3.6	100% CD Review Meeting	1	1	0

**IV DELIVERABLES**

The following primary deliverables will be submitted as part of this proposal:

Task	Deliverable	Information Included	Format
1.6	Ph 3A: 60% CD	Drawings and Project Manual	.pdf
2.5	Ph 3B: 90% CD	Drawings and Project Manual	.pdf
3.4	Ph 3C: 100% CD	Drawings and Project Manual	.pdf
4.1	Ph 4: Bid / Permit Documents	Drawings and Project Manual	.pdf
4.5	Ph 4: Conformed Documents	Drawings and Project Manual	.pdf

The following secondary deliverables will be submitted as part of this proposal:

Task	Item	Format
1.1	Project Kickoff Meeting Agenda & Minutes	TBD
1.7	Comments on CMAR Task 1.6 ROM	TBD
1.8	60% CD Review Meeting Agenda & Minutes	TBD
2.1	Responses to Airport and / or CMAR Task 1.6 comments	TBD
2.6	Comments on CMAR Task 2.5 ROM	TBD
2.7	90% CD Review Meeting Agenda & Minutes	TBD

3.1	Responses to Airport and / or CMAR Task 2.5 comments	TBD
3.5	Comments on CMAR Task 3.4 ROM	TBD
3.6	100% CD Review Meeting Agenda & Minutes	TBD
4.1	Responses to Airport and / or CMAR Task 3.4 comments	TBD

Note: Any revisions required during Task 4.2 or Task 4.4 will be provided.

## V PROPOSED PROJECT SCHEDULE

See Schedule Attachment.

## VI ASSUMPTIONS AND EXCLUSIONS

The following assumptions have been made for this Scope of Work:

- » Task 1.1 & 1.2 would be completed at the same site visit
- » Fire Protection includes modification / extension of existing fire protection systems as required to support new electrical SOW. Does not include design of new fire protection system.
- » CMAR construction delivery method
- » CMAR would provide cost estimate for Phase 3A: 60% Construction Documents, Phase 3B: 90% Construction Document deliverable.
- » Technical Specification Division 2 thru 33 only required. Front End documents by PBC DOA.
- » RS&H will provide permitting documents to CMAR and CMAR will be responsible for submitting the PZB.
- » Design Phase Review Meetings to be within (2) two weeks of CMAR constructability report submittal. Constructability report assumed to be developed and submitted by CMAR within 60 calendar days of receipt of submittal.
- » Design Phase Deliverable will be no sooner than (1) one month after previous phase CMAR constructability report submittal
- » FAA 7460 Coordination meeting not anticipated to be required
- » Civil site plan review and permitting through Palm Beach County Building Department is not anticipated to be required

The following items are excluded from this Scope of Work unless otherwise noted:

- » LEED Design and Certification
- » Phasing drawings
- » Maintenance of Traffic drawings for Airside work (with the exception of BHS area, this shall be within scope of work)

- » Any soil contaminants and subsurface remediation.
- » Structural engineering scope of work limited to wind loads for any new doors and equipment pad design for new electrical equipment. Modifications to walls to permit electrical equipment installation excluded.
- » ~~Phase 4: Pre-Bid Meeting~~
- » ~~Phase 4: Fees associated with permitting~~
- » Phase 5: Construction Administration and RPR Services. Shall be performed under a separate proposal.
- » FAA 7460 Submittal
- » Project Manual Development other than Technical Specifications Div. 2 thru 33
- » Revit modeling of project areas.
- » Fire Alarm System modification.
- » Lightning Protection System modification.
- » RS&H will only perform services/work related in any way to PFAS chemicals or substances possibly containing PFAS chemicals (including but not limited to sampling, handling and remediating) to the extent the specifically directs, in writing, RS&H to perform such services/work, and RS&H shall not be liable for the nonperformance of such services/work.

## VII PROFESSIONAL SERVICES FEE AND FEE TYPE

RS&H will provide the above referenced services for a Fixed Lump Sum Fee of ~~\$819,789.47~~  
**\$663,872.30** See Attachment for a breakdown of costs.

Should scope items/activities/efforts/durations be modified at the request of PBC DOA or need to be adjusted based on design scheduling, the Consultant Team may need to modify the fee to accommodate the changes. Such changes will be compensated through an amendment (through Additional Services requested by the Consultant) to the Task Order or similar vehicle. Effort, fee, and schedule adjustments resulting from a change in scope will be assessed and approved by the Airport prior to the execution of the change.

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
 Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

RS&H, INC.  
 Switchgear Replacement - Phase 2

<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3A: 60% Construction Documents	474	\$68,484.10
Task 2	Phase 3B: 90% Construction Documents Ph 3B: 90% CD (Pkg Breakout for DOA Fiscal)	413	\$63,282.53 \$1,318.05
Task 3	Phase 3C: 100% Construction Documents	0	\$0.00
Task 4	Bidding Phase Services	0	\$0.00
		<b>Subtotal RS&amp;H Labor Hours</b>	<b>887</b>
		<b>Subtotal RS&amp;H Labor Fee</b>	<b>\$133,084.68</b>
<u>Subconsultants</u>			
	Quantum	4,184	\$465,182.62
	Connico		\$55,600.00
		<b>Subtotal Subconsultant Fee</b>	<b>\$520,782.62</b>
<u>Expenses</u>			
	Travel		\$8,505.00
	Other		\$1,500.00
		<b>Subtotal Expenses</b>	<b>\$10,005.00</b>
		<b>Total Project Fee</b>	<b>\$663,872.30</b>

Switchgear Replacement - Phase 2

		HOURS																		HOURS	TOTAL COST		
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Intern Engineer	Senior Engineer	Engineer			Intern Engineer	Senior Engineer									
		\$349.90	\$287.02	\$245.78	\$126.87	\$85.16	\$246.63	\$96.47	\$246.63	\$151.05	\$96.47	\$246.63	\$151.05	\$96.47	\$246.63	\$151.05	\$96.47	\$246.63	\$151.05	\$96.47	\$246.63	\$96.47	\$96.31
Task 1	Phase 3A: 60% Construction Documents																						
1.1 / 1.2	Project Kick Off / Site Inspection																						
	PM		3																				
	Civil						3																
	Architectural				5																		
	Mechanical										4												
1.3	Design Coordination Meetings																						
	PM		3																				
	Civil						2																
	Architectural				3																		
	Mechanical										2												
1.4	60% Design Document Preparation																						
	Task A: Replacement of Terminal Building Switchgear																						
	PM																						
	Civil						3	16															
	Architectural				1	5	10																
	Structural								1	2													
	Mechanical										2	3	26										
	Fire Protection													4			10						
	Low Voltage																	13	19				
	MOT						3	8															
	Task B: Replacement of Concourse A Switchgear																						
	PM																						
	Civil																						
	Architectural				1	5	10																
	Structural								1	2													
	Mechanical										2	2	2										
	Fire Protection													1			3						
	Low Voltage																						
	MOT						3	8															
	Task C: Replacement of Concourse B Switchgear																						
	PM																						
	Architectural				1	5	8																
	Structural								1	2													
	Mechanical										2	2	2										
	Fire Protection													1			3						
	Low Voltage																						
	MOT						3	8															
	Task D: Replacement of Concourse C Switchgear																						
	PM																						
	Civil						1	2															
	Architectural				1	5	8																
	Structural								1	2													
	Mechanical										2	3	20										
	Fire Protection													4			10						
	Low Voltage																						
	Task E: Replacement of Parking Garage Bldg. 1100 Sw																						
	PM																						
	Civil						2	4															
	Architectural				1	5	8																
	Structural								1	2													
	Mechanical										2	2	2										
	Fire Protection													1			3						
	Low Voltage																						
	MOT						3	12															
	Task F: Modification of Chiller Plant Controls																						
	Mechanical										2		2										
1.5	Quality Control Review																						
	Independent QC Review																						
	Electrical																				4		
	Independent Technical Peer Review																						
	PM		3																				
	Civil						1	2															
	Architectural				2	3																	
	Structural								1														
	Mechanical										2		4										
	Fire Protection													2			5						
	Low Voltage																6			6			
	MOT						1	1															

Switchgear Replacement - Phase 2

		HOURS																			HOURS	TOTAL COST				
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer						
							Electrical	Mechanical	Structural	Electrical	Mechanical	Structural	Electrical	Mechanical	Structural	Electrical	Mechanical	Structural	Electrical	Mechanical			Structural			
		\$319.99	\$287.02	\$249.39	\$122.67	\$85.16	\$246.63	\$96.47	\$246.63	\$191.25	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$60.37		(\$)		
	Constructibility Review																							\$0.00		
	Electrical																						4	\$986.52		
	Discipline Coordination Review																							\$0.00		
	Architectural				3																		3	\$377.61		
1.6	Submittal																									
	PM		3																				6	\$1,223.28		
	Civil																						3	\$439.57		
	Architectural				1	3	3	1	2															7	\$878.48	
	Structural										2													2	\$303.10	
	Mechanical											1		2										3	\$439.57	
	Fire Protection												1		2									3	\$536.04	
	Low Voltage														1				3					4	\$289.04	
	MOT							2													3			3	\$289.41	
1.7	Rough Order of Magnitude (ROM) Opinion of Probable Costs																							2	\$192.94	
	PM		1																					1	\$287.02	
	Civil						1																	1	\$246.63	
	Architectural				1	3																		4	\$623.00	
	Structural										2													2	\$493.26	
	Mechanical												2											2	\$493.26	
	Fire Protection																		2					2	\$493.26	
	Low Voltage																							3	\$739.89	
	MOT																					3		1	\$246.63	
1.8	80% CD Review Meeting																									
	PM		5																					5	\$1,435.10	
	Civil						3																	3	\$739.89	
	Architectural					5																		5	\$629.35	
	Mechanical											1												1	\$246.63	
1.9	Project Management																									
	PM	6	3																					23	\$4,349.51	
	<b>Task Total</b>	<b>6</b>	<b>21</b>	<b>9</b>	<b>50</b>	<b>47</b>	<b>28</b>	<b>57</b>	<b>8</b>	<b>12</b>	<b>-</b>	<b>24</b>	<b>12</b>	<b>60</b>	<b>16</b>	<b>-</b>	<b>37</b>	<b>9</b>	<b>13</b>	<b>28</b>	<b>8</b>	<b>29</b>	<b>474</b>	<b>\$68,484.10</b>		
<b>Task 2</b>	<b>Phase 3B: 90% Construction Documents</b>																									
2.1	Prior Phase Drawing / Comment Incorporation																									
	Civil						1	4																5	\$632.51	
	Architectural				1	3	5																	9	\$1,048.80	
	Structural									2														2	\$303.10	
	Mechanical										1		4											5	\$632.51	
	Fire Protection														1				5					6	\$728.98	
	Low Voltage																				3	6		9	\$1,033.47	
	MOT							1	2															3	\$439.57	
2.2	Design Coordination Meetings																									
	PM		3																						3	\$861.06
	Civil						2																	2	\$493.26	
	Architectural					3				2														5	\$870.87	
	Mechanical											2												2	\$493.26	
2.3	90% Design Document Preparation																									
	Task A: Replacement of Terminal Building Switchgear																									
	PM																								-	\$0.00
	Civil																								-	\$0.00
	Architectural					3	8																		11	\$1,058.89
	Structural								1	2														3	\$549.73	
	Mechanical											4	7	10										21	\$3,012.07	
	Fire Protection																		2					7	\$975.61	
	Low Voltage																							16	\$1,874.00	
	MOT						3	6																9	\$1,318.71	
	Task B: Replacement of Concourse A Switchgear																									
	PM																								-	\$0.00
	Civil																								-	\$0.00
	Architectural					3	8																		11	\$1,058.89
	Structural								1	2														3	\$549.73	
	Mechanical											2	2	2										6	\$989.30	
	Fire Protection															1			3					4	\$536.04	
	Low Voltage																								-	\$0.00
	MOT						3	6																9	\$1,318.71	
	Task C: Replacement of Concourse B Switchgear																									
	PM																								-	\$0.00
	Civil																								-	\$0.00
	Architectural					3	8																		11	\$1,058.89
	Structural								1	2														3	\$549.73	
	Mechanical											2	2	2										6	\$989.30	
	Fire Protection																							4	\$536.04	

Switchgear Replacement - Phase 2

		HOURS																		HOURS	TOTAL COST					
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer	Intern Engineer	Senior Engineer	Engineer			Intern Engineer	Senior Engineer	Administrative Assistant		
							Fee	Fee	Structure	Electrical	Structure	Mechanical	Mechanical	Mechanical	Electrical	Electrical	Electrical	Low Voltage	Low Voltage	Low Voltage	Electrical					
		\$349.99	\$287.02	\$245.39	\$125.87	\$85.19	\$245.83	\$95.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$50.37		\$0.00		
	Low Voltage																							-	\$0.00	
	Task D: Replacement of Concourse C Switchgear																							-	\$0.00	
	PM																							-	\$0.00	
	Civil						1	1																2	\$343.10	
	Architectural				3	8																		11	\$1,058.89	
	Structural								1	2														3	\$549.73	
	Mechanical												4	7	10									21	\$3,012.07	
	Fire Protection																2				5			7	\$975.61	
	Low Voltage																							-	\$0.00	
	Task E: Replacement of Parking Garage Bldg. 1100 Sw																							-	\$0.00	
	PM																							-	\$0.00	
	Civil						1	2																3	\$439.57	
	Architectural				3	8																		11	\$1,058.89	
	Structural									2														2	\$303.10	
	Mechanical											2	2	2	2									8	\$989.30	
	Fire Protection																		1					4	\$536.04	
	Low Voltage																							-	\$0.00	
	MOT						3	8																11	\$1,511.65	
	Task F: Modification of Chiller Plant Controls																							-	\$0.00	
	Mechanical												2		2									4	\$686.20	
2.4	Quality Control Review																							-	\$0.00	
	Independent QC Review																							-	\$0.00	
	Electrical																						4	4	\$986.52	
	Independent Technical Peer Review																							-	\$0.00	
	PM		3																					3	\$861.06	
	Civil						2	2																4	\$686.20	
	Architectural			2	3																			5	\$868.39	
	Structural								1															1	\$246.63	
	Mechanical											2		4										6	\$879.14	
	Fire Protection																		2					7	\$975.61	
	Low Voltage																							12	\$2,058.60	
	MOT																							2	\$343.10	
	Constructibility Review						1	1																-	\$0.00	
	Electrical																						4	4	\$986.52	
	Discipline Coordination Review																							-	\$0.00	
	Architectural				3																			3	\$377.61	
2.5	Submittal																							1	\$287.02	
	PM		1																					1	\$287.02	
	Civil						1	2																3	\$439.57	
	Architectural			1	3	4																		8	\$963.64	
	Structural								1	1														2	\$398.18	
	Mechanical											1		2										3	\$439.57	
	Fire Protection												1											4	\$536.04	
	Low Voltage																							3	\$289.41	
	MOT																							2	\$192.94	
2.6	Rough Order of Magnitude (ROM) Opinion of Probable Costs																							1	\$287.02	
	PM		1																					1	\$287.02	
	Civil						1	1																2	\$343.10	
	Architectural			2	5																			7	\$1,120.13	
	Structural								1															1	\$246.63	
	Mechanical											2												2	\$493.26	
	Fire Protection																		2					2	\$493.26	
	Low Voltage																							3	\$739.89	
	MOT						1																	1	\$246.63	
2.7	90% CD Review Meeting																							5	\$1,435.10	
	PM		5																					5	\$1,435.10	
	Civil						7																	7	\$1,726.41	
	Architectural			5																				5	\$1,226.95	
	Mechanical											1												1	\$246.63	
2.8	Project Management																									
	PM	8	8																					23	\$6,484.59	
	Task Total	8	21	11	35	49	28	37	9	13	-	25	20	38	13	-	32	9	9	25	8		23	413	\$63,282.53	
Task 3	Phase 3C: 100% Construction Documents																									
3.1	Prior Phase Drawing / Comment Incorporation																									
	Civil																								-	\$0.00
	Architectural																								-	\$0.00
	Structural																								-	\$0.00
	Mechanical																								-	\$0.00
	Fire Protection																								-	\$0.00

Switchgear Replacement - Phase 2

		HOURS																				HOURS	TOTAL COST	
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Intern Engineer	Senior Engineer			Administrative Assistant												
		\$319.99	\$287.02	\$245.39	\$125.87	\$85.16	\$246.63	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$151.55	\$96.47	\$246.63	\$50.37		\$0.00
	Low Voltage																							
	MOT																							
3.2	100% Design Document Preparation																							
	Task A: Replacement of Terminal Building Switchgear																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Task B: Replacement of Concourse A Switchgear																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Task C: Replacement of Concourse B Switchgear																							
	PM																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Task D: Replacement of Concourse C Switchgear																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Task E: Replacement of Parking Garage Bldg. 1100 Switchgear																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Task F: Modification of Chiller Plant Controls																							
	Mechanical																							
3.3	Quality Control Review																							
	Independent QC Review																							
	Electrical																							
	Independent Technical Peer Review																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							
	Low Voltage																							
	MOT																							
	Constructibility Review																							
	Electrical																							
	Discipline Coordination Review																							
	Architectural																							
3.4	Submittal																							
	PM																							
	Civil																							
	Architectural																							
	Structural																							
	Mechanical																							
	Fire Protection																							



### Switchgear Replacement - Phase 2

Sub Consultant Effort by Major Task Item		Task 1	Task 2	Task 3	Task 4	
Quantum	<i>Electrical</i>					
Task A: Replacement of Terminal Building Switchgear		\$ 231,144.42	\$ 104,145.15	\$ -		\$ 335,289.57
Task B: Replacement of Concourse A Switchgear		\$ 31,026.62	\$ 15,899.84	\$ -		\$ 46,926.46
Task C: Replacement of Concourse B Switchgear		\$ 5,405.73	\$ 1,765.37	\$ -		\$ 7,171.10
Task D: Replacement of Concourse C Switchgear Scope of Work		\$ 30,513.19	\$ 15,374.85	\$ -		\$ 45,888.04
Task E: Replacement of Parking Garage Bldg. 1100 Switchgear		\$ 20,878.69	\$ 9,028.76	\$ -		\$ 29,907.45
Task A, B, C, D, E					\$ -	\$ -
Connico	<i>Cost Estimating</i>					
		\$ 27,000.00	\$ 28,600.00			\$ 55,600.00
<b>TOTAL SUBCONSULTANTS</b>		<b>\$ 318,968.65</b>	<b>\$ 146,213.97</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$520,782.62</b>

**Switchgear NPDS Replacement Construction Administration**

EXPENSES										
TRAVEL										
Task	Description	# Trips	# People	# Days	Airfare \$600	Car \$80	Lodging \$225	Per Diem \$100	Pkg \$0	
1.1 / 1.2	Project Kick Off / Site Inspection	1	4	2	\$0	\$160	\$900	\$800	\$0	\$1,860.00
1.8	60% CD Review Meeting	1	3	2	\$0	\$160	\$675	\$600	\$0	\$1,435.00
2.7	90% CD Review Meeting	1	3	2	\$0	\$160	\$675	\$600	\$0	\$1,435.00
3.6	100% CD Review Meeting	1	3	2	\$0	\$160	\$675	\$600	\$0	\$1,435.00
	Misc. Trips	4	1	2	\$0	\$640	\$900	\$800	\$0	\$2,340.00
<b>SUBTOTAL TRAVEL</b>										<b>\$8,505.00</b>
OTHER EXPENSES										
	Reprographics				\$1,000					\$1,000.00
	Badging				\$250					\$250.00
	Specific Airport Fee				\$0					\$0.00
	Others				\$250					\$250.00
<b>SUBTOTAL OTHER EXPENSES</b>										<b>\$1,500.00</b>
<b>TOTAL EXPENSES</b>										<b>\$10,005.00</b>



2594 N. Mount Juliet Road  
Mount Juliet, TN 37122

June 10, 2022

(615) 758-7474  
[www.connico.com](http://www.connico.com)

Mr. Aaron Jackson  
RS&H  
10748 Deerwood Park Blvd South,  
Jacksonville, FL 32256

RE: PBI Switchgear Replacement Phase II  
Palm Beach International Airport  
West Palm Beach, Florida

Dear Mr. Jackson:

We are pleased to present our fee proposal for the referenced project.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team

A handwritten signature in black ink, appearing to read "Charles J. Cleary".

Charles J. Cleary, CPE  
Chief Cost Specialist  
[cjcleary@connico.com](mailto:cjcleary@connico.com)

Connico File No. 4312.22.17

## **EXHIBIT A – SCOPE OF WORK AND FEE**

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### **Project Scope**

The scope of work consists of the replacement of primary electrical components that provide electrical service to the Terminal Complex at Palm Beach International Airport.

The construction budget has not been established.

### **Basic Scope of Services**

Connico proposes to provide the following services:

- ↓ 60% Design Document Estimate
- ↓ 90% Design Document Estimate
- ~~↓ 100% Design Document Estimate~~

Each phase includes an initial scope of work review meeting and a draft estimate review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purposes of providing an opinion of probable cost is not included. This proposal is for planning, design phase services only; construction phase services are not included.

In providing estimates of probable construction cost the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the Contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids the negotiated cost of the Work will not vary from Connico's estimate of probable construction cost

Connico will require an electronic version of the drawings (PDF) and narrative/specifications, and a copy of the soil borings report, if available and applicable.

Connico will provide an electronic copy of the report.

### **Deliverables**

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

Also included within the report shall be the estimate notes. The notes will contain allowances, criteria, and clarifications for the estimate based on Connico's assumptions and verbal information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the estimate report.

The estimate(s) shall be prepared within twelve (12) business days from the date all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional take-off. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

**EXHIBIT A – SCOPE OF WORK AND FEE**

---

**Proposed Fees (Basic Scope of Services)**

⇓ 60% Design Document Estimate	\$27,000.00	
⇓ 90% Design Document Estimate	\$28,600.00	
<del>⇓ 100% Design Document Estimate</del>	<del>\$14,600.00</del>	
<b>Total Proposed Fees (Lump Sum)</b>	<del><b>\$70,200.00</b></del>	<b>\$55,600.00</b>

The proposed fees are based on providing all listed phase of estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate our fees.

Proposed fees are based on providing one draft estimate for review and comment and one final estimate. Should additional revisions be requested, these shall be considered additional services.

Services not set forth above and not listed in Exhibit A of this Agreement are specifically excluded from the scope of the Consultant’s services. The Consultant assumes no responsibility to perform any services not specifically listed in Exhibit A.

**Additional Services**

Additional services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for Basic Services, in accordance with Connico’s schedules below, or as agreed to by the Client and Connico.

Proposed fees are based on providing one draft report for review and comment and one final report. Should additional revisions be requested, these shall be considered additional services.

Services not set forth above and not listed in Exhibit A of this Agreement are specifically excluded from the scope of Connico’s services. Connico assumes no responsibility to perform any services not specifically listed in Exhibit A.

**Additional Services**

Additional services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for Basic Services, in accordance with the rates included within the agreement, or as agreed to by the Client and Connico.

Basic Services do not include, cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems; reconciliation estimates or services, and meetings not included within the base proposal. Connico shall be reimbursed at the rates included within the agreement.

***EXHIBIT A – SCOPE OF WORK AND FEE***

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Project Submitted by:



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Charles J. Cleary CPE

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBIA SWITCHGEAR REPLACEMENT PHASE 2										
QUANTUM ELECTRICAL ENGINEERING, INC.										
SCOPE FEE SUMMARY										
FEE PROPOSAL ELECTRICAL SERVICES TO RSH 10-26-22										
	Rate	\$161.54	\$144.23	\$138.46	\$69.23	\$132.69	\$46.15			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech	Field Eng.	Clerical	Total			TOTAL
	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses		TASK COST
<b>PHASE OF WORK - TASK A: REPLACEMENT OF TERMINAL BUILDING SWITCHGEAR</b>										
<b>Task 1 Phase 3A: 60% Construction Documents</b>										
Task 1.1: Project Kick-Off		1					1			\$ 144.23
Task 1.2: Site Inspection/verifications/Discovery Phase		40	40				96			\$ 12,046.00
Task 1.3: Design Coordination Meetings		2					2			\$ 288.46
Task 1.4: Testing			40				40	\$53,200.00		\$ 58,738.40
Task 1.5: 60% Design Document Preparation		360	410	446		20	1236			\$ 140,490.98
Task 1.6: Quality Control Review		24	24			4	52			\$ 6,969.16
Task 1.7: Submittal		20	40	48			108			\$ 11,746.04
Task 1.8: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		4					4			\$ 576.92
Task 1.9: Design Development Review Meeting		1					1			\$ 144.23
<b>Subtotal</b>	<b>0</b>	<b>452</b>	<b>554</b>	<b>494</b>	<b>0</b>	<b>40</b>	<b>1540</b>			<b>\$ 231,144.42</b>
<b>Task 2 Phase 3B: 90% Construction Documents</b>										
Task 2.1 Prior Phase Drawings/Comments Incorporation		1					1			\$ 144.23
Task 2.2: Design Coordination Meetings		2					2			\$ 288.46
Task 2.3: 90% Construction Documents Preparation		200	240	345		12	797			\$ 86,514.65
Task 2.4: Quality Control Review		20	16			4	40			\$ 5,284.56
Task 2.5: Submittal		20	40	40			100			\$ 11,192.20
Task 2.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		4					4			\$ 576.92
Task 2.7: 90% Construction Document Review Meeting		1					1			\$ 144.23
<b>Subtotal</b>	<b>0</b>	<b>248</b>	<b>296</b>	<b>385</b>	<b>0</b>	<b>16</b>	<b>945</b>			<b>\$ 104,145.15</b>
<b>Task 3 Phase 3C: 100% Construction Documents</b>										
Task 3.1: Prior Phase Drawings/Comment Incorporation							0			\$ -
Task 3.2: 100% Construction Documents Preparation							0			\$ -
Task 3.3: Quality Control Review							0			\$ -
Task 3.4: Submittal							0			\$ -
Task 3.5: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost							0			\$ -
Task 3.6: 100% Construction Document Review Meeting							0			\$ -
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>\$ -</b>
<b>Task A Subtotal Hours</b>	<b>0</b>	<b>700</b>	<b>850</b>	<b>879</b>	<b>0</b>	<b>56</b>	<b>2485</b>			
<b>Task A Subtotal Labor Cost</b>	<b>\$ -</b>	<b>\$ 100,961.00</b>	<b>\$ 117,691.00</b>	<b>\$ 60,853.17</b>	<b>\$ -</b>	<b>\$ 2,584.40</b>				<b>\$ 335,289.57</b>

PHASE OF WORK - TASK B: REPLACEMENT OF CONCOURSE A SWITCHGEAR									
<b>Task 1 Phase 3A: 60% Construction Documents</b>									
Task 1.1: Project Kick-Off		1					1	\$ 144.23	
Task 1.2: Site Inspection/verifications/Discovery Phase		8	8				16	\$ 2,261.52	
Task 1.3: Design Coordination Meetings		2					2	\$ 288.46	
Task 1.4: Testing			4				4	\$2,100.00 \$ 2,653.84	
Task 1.5: 60% Design Document Preparation		48	64	72		10	194	\$ 21,230.54	
Task 1.6: Quality Control Review		6	8			2	16	\$ 2,065.36	
Task 1.7: Submittal		2	8	8			18	\$ 1,949.98	
Task 1.8: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		2					2	\$ 288.46	
Task 1.9: Design Development Review Meeting		1					1	\$ 144.23	
<b>Subtotal</b>		<b>0</b>	<b>70</b>	<b>92</b>	<b>80</b>	<b>0</b>	<b>12</b>	<b>254</b>	<b>\$ 31,026.62</b>
<b>Task 2 Phase 3B: 90% Construction Documents</b>									
Task 2.1 Prior Phase Drawings/Comments Incorporation		1					1	\$ 144.23	
Task 2.2: Design Coordination Meetings		2					2	\$ 288.46	
Task 2.3: 90% Construction Documents Preparation		24	40	48		4	116	\$ 12,507.56	
Task 2.4: Quality Control Review		4	4				8	\$ 1,130.76	
Task 2.5: Submittal		2	4	8			14	\$ 1,396.14	
Task 2.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		2					2	\$ 288.46	
Task 2.7: 90% Construction Document Review Meeting		1					1	\$ 144.23	
<b>Subtotal</b>		<b>0</b>	<b>36</b>	<b>48</b>	<b>56</b>	<b>0</b>	<b>4</b>	<b>144</b>	<b>\$ 15,899.84</b>
<b>Task 3 Phase 3C: 100% Construction Documents</b>									
Task 3.1: Prior Phase Drawings/Comment Incorporation							0	\$ -	
Task 3.2: 100% Construction Documents Preparation							0	\$ -	
Task 3.3: Quality Control Review							0	\$ -	
Task 3.4: Submittal							0	\$ -	
Task 3.5: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost							0	\$ -	
Task 3.6: 100% Construction Document Review Meeting							0	\$ -	
<b>Subtotal</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>Task B Subtotal Hours</b>		<b>0</b>	<b>106</b>	<b>140</b>	<b>136</b>	<b>0</b>	<b>16</b>	<b>398</b>	
<b>Task B Subtotal Labor Cost</b>	\$ -	\$17,123.24	\$22,615.60	\$21,969.44	\$ -	\$ 2,584.64			\$ 46,926.46

PHASE OF WORK - TASK C: REPLACEMENT OF CONCOURSE B SWITCHGEAR								
<b>Task 1 Phase 3A: 60% Construction Documents</b>								
Task 1.1: Project Kick-Off		1					1	\$ 144.23
Task 1.2: Site Inspection/verifications/Discovery Phase		1					1	\$ 144.23
Task 1.3: Design Coordination Meetings		1					1	\$ 144.23
Task 1.4: Testing			4				4	\$1,050.00 \$1,603.84
Task 1.5: 60% Design Document Preparation		4	6	8			18	\$1,961.52
Task 1.6: Quality Control Review		1	2	2			5	\$ 559.61
Task 1.7: Submittal		1	2	2			5	\$ 559.61
Task 1.8: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$ 144.23
Task 1.9: Design Development Review Meeting		1					1	\$ 144.23
<b>Subtotal</b>	<b>0</b>	<b>11</b>	<b>14</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>\$5,405.73</b>
<b>Task 2 Phase 3B: 90% Construction Documents</b>								
Task 2.1 Prior Phase Drawings/Comments Incorporation		1					1	\$ 144.23
Task 2.2: Design Coordination Meetings		1					1	\$ 144.23
Task 2.3: 90% Construction Documents Preparation		1	2	3			6	\$ 628.84
Task 2.4: Quality Control Review		1	1	1			3	\$ 351.92
Task 2.5: Submittal			1	1			2	\$ 207.69
Task 2.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$ 144.23
Task 2.7: 90% Construction Document Review Meeting		1					1	\$ 144.23
<b>Subtotal</b>	<b>0</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>15</b>	<b>\$1,765.37</b>
<b>Task 3 Phase 3C: 100% Construction Documents</b>								
Task 3.1: Prior Phase Drawings/Comment Incorporation							0	\$ -
Task 3.2: 100% Construction Documents Preparation							0	\$ -
Task 3.3: Quality Control Review							0	\$ -
Task 3.4: Submittal							0	\$ -
Task 3.5: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost							0	\$ -
Task 3.6: 100% Construction Document Review Meeting							0	\$ -
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ -</b>
<b>Task C Subtotal Hours</b>	<b>0</b>	<b>17</b>	<b>18</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>52</b>	
<b>Task C Subtotal Labor Cost</b>	<b>\$0.00</b>	<b>\$2746.18</b>	<b>\$2907.72</b>	<b>\$2746.18</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$7,171.10</b>

PHASE OF WORK - TASK D: REPLACEMENT OF CONCOURSE C SWITCHGEAR								
<b>Task 1 Phase 3A: 60% Construction Documents</b>								
Task 1.1: Project Kick-Off		1					1	\$144.23
Task 1.2: Site Inspection/verifications/Discovery Phase		8	8				16	\$2,261.52
Task 1.3: Design Coordination Meetings		2					2	\$288.46
Task 1.4: Testing			4				4	\$2,100.00
Task 1.5: 60% Design Document Preparation		48	64	72		2	186	\$20,861.34
Task 1.6: Quality Control Review		6	8			2	16	\$2,065.36
Task 1.7: Submittal		2	8	8			18	\$1,949.98
Task 1.8: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$144.23
Task 1.9: Design Development Review Meeting		1					1	\$144.23
<b>Subtotal</b>	<b>0</b>	<b>69</b>	<b>92</b>	<b>80</b>	<b>0</b>	<b>4</b>	<b>245</b>	<b>\$30,513.19</b>
<b>Task 2 Phase 3B: 90% Construction Documents</b>								
Task 2.1 Prior Phase Drawings/Comments Incorporation		1					1	\$144.23
Task 2.2: Design Coordination Meetings		2					2	\$288.46
Task 2.3: 90% Construction Documents Preparation		22	40	48		2	112	\$12,126.80
Task 2.4: Quality Control Review		4	4				8	\$1,130.76
Task 2.5: Submittal		2	4	8			14	\$1,396.14
Task 2.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$144.23
Task 2.7: 90% Construction Document Review Meeting		1					1	\$144.23
<b>Subtotal</b>	<b>0</b>	<b>33</b>	<b>48</b>	<b>56</b>	<b>0</b>	<b>2</b>	<b>139</b>	<b>\$15,374.85</b>
<b>Task 3 Phase 3C: 100% Construction Documents</b>								
Task 3.1: Prior Phase Drawings/Comment Incorporation							0	\$0.00
Task 3.2: 100% Construction Documents Preparation							0	\$0.00
Task 3.3: Quality Control Review							0	\$0.00
Task 3.4: Submittal							0	\$0.00
Task 3.5: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost							0	\$0.00
Task 3.6: 100% Construction Document Review Meeting							0	\$0.00
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
<b>Task D Subtotal Hours</b>	<b>0</b>	<b>102</b>	<b>140</b>	<b>136</b>	<b>0</b>	<b>6</b>	<b>384</b>	
<b>Task D Subtotal Labor Cost</b>	<b>\$0.00</b>	<b>\$16477.08</b>	<b>\$22615.60</b>	<b>\$21969.44</b>	<b>\$0.00</b>	<b>\$969.24</b>		<b>\$45,888.04</b>

PHASE OF WORK - TASK E: REPLACEMENT OF PARKING GARAGE BLDG 1100 SWITCHGEAR								
<b>Task 1 Phase 3A: 60% Construction Documents</b>								
Task 1.1: Project Kick-Off		1					1	\$144.23
Task 1.2: Site Inspection/verifications/Discovery Phase		8					8	\$1,153.84
Task 1.3: Design Coordination Meetings		2					2	\$288.46
Task 1.4: Testing			4				4	\$4,200.00
Task 1.5: 60% Design Document Preparation		24	32	50		2	108	\$11,446.04
Task 1.6: Quality Control Review		4	4	8			16	\$1,684.60
Task 1.7: Submittal		2	4	4			10	\$1,119.22
Task 1.8: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$144.23
Task 1.9: Design Development Review Meeting		1					1	\$144.23
<b>Subtotal</b>	<b>0</b>	<b>43</b>	<b>44</b>	<b>62</b>	<b>0</b>	<b>2</b>	<b>151</b>	<b>\$20,878.69</b>
<b>Task 2 Phase 3B: 90% Construction Documents</b>								
Task 2.1 Prior Phase Drawings/Comments Incorporation		1					1	\$144.23
Task 2.2: Design Coordination Meetings		2					2	\$288.46
Task 2.3: 90% Construction Documents Preparation		10	20	22		1	53	\$5,780.71
Task 2.4: Quality Control Review		4	4				8	\$1,130.76
Task 2.5: Submittal		2	4	8			14	\$1,396.14
Task 2.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		1					1	\$144.23
Task 2.7: 90% Construction Document Review Meeting		1					1	\$144.23
<b>Subtotal</b>	<b>0</b>	<b>21</b>	<b>28</b>	<b>30</b>	<b>0</b>	<b>1</b>	<b>80</b>	<b>\$9,028.76</b>
<b>Task 3 Phase 3C: 100% Construction Documents</b>								
Task 3.1: Prior Phase Drawings/Comment Incorporation							0	\$0.00
Task 3.2: 100% Construction Documents Preparation							0	\$0.00
Task 3.3: Quality Control Review							0	\$0.00
Task 3.4: Submittal							0	\$0.00
Task 3.5: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost							0	\$0.00
Task 3.6: 100% Construction Document Review Meeting							0	\$0.00
<b>Subtotal</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>
<b>Task E Subtotal Hours</b>	<b>0</b>	<b>64</b>	<b>72</b>	<b>92</b>	<b>0</b>	<b>3</b>	<b>231</b>	
<b>Task E Subtotal Labor Cost</b>	<b>\$0.00</b>	<b>\$10338.56</b>	<b>\$11630.88</b>	<b>\$14861.68</b>	<b>\$0.00</b>	<b>\$484.62</b>		<b>\$29,907.45</b>



**ATTACHMENT A.2**

New I-23-PBI-R-028 Proposal (ADD)

## ***Switchgear Replacement - Phase 2 – Add'l Services Scope of Work***

Version 1.0

October 9, 2025

Palm Beach County (PBC) Department of Airports (DOA)  
West Palm Beach, FL

Task Authorization No.: I-22-PBI-R-028

RS&H Project No.: 2006-3101-028

Prepared by RS&H, Inc. at the  
direction of PBC DOA.

**I PROJECT DESCRIPTION**

The Airport has requested that RS&H (Consultant) under the Agreement with RS&H for Airport Facilities and System Consulting Services for Palm Beach County Department of Airports Project No. DOA 18-2A provide a scope and fee to split the 100% Construction Document deliverable (Task 3.4 of DOA Task I-24-PBI-R-028) into (2) two construction packages and to provide Bidding and Award Services for each package. Construction Package 1 will be denoted as Pkg 2A and is anticipated to be constructed in DOA FY '26 with a \$10M budget. Construction Package 2 will be denoted as Pkg 2B and is anticipated to be constructed in DOA FY '27 with a \$10M budget. The remainder of the Construction Scope of Work of DOA Task I-24-PBI-R-028 is not included in this Task.

The Consultant design team is made up of the following professionals:

<u>Consultant/Subconsultant</u>	<u>Involvement</u>
RS&H	Project Management, Civil Engineering, Architectural, Structural Engineering, Mechanical Engineering, Low Voltage, MOT (Airside)
Quantum Electrical Engineering, Inc. (QEE)	Electrical Engineering
Connico	Cost Estimating

The Consultant design team in this project will design the replacement of primary electrical components that provide electrical service to the Terminal Complex at Palm Beach International Airport (PBI). This project will provide the design services to support the replacement of primary electrical distribution components as well as needed phasing, sequencing, and temporary power to maintain the operation of the PBI terminal complex.

The following construction items are generally included in the Construction Packages:

- » Pkg 2A:
  - » Task A: Replacement of the following Terminal Building Switchgear
    - o Design the replacement of existing Substation "T" (located in Terminal Main Electrical Room).
    - o Design the replacement of existing medium voltage distribution transformers "T-3" and "T-4", located in Terminal Main Electrical Room as an alternate to Pkg 2A as part of Task 1.5. Deliverable. Depending on CMAR estimate and Task 1.6 ROM, this scope of work may be removed as part of Task 1.7 deliverable.

- Noting on plans for modification to the AOA fencing for the removal of Pedestrian Gate P-2 during construction to allow for equipment to be brought in and out of the loading dock door or including design criteria for modification to the AOA fencing that the Contractor will be required to follow to allow for moving of new equipment.
- Confirm if HVAC in main electrical room is adequate to support room for added heat load from new electrical equipment and provide supplemental service if needed as design of any modifications to the existing HVAC system required by electrical equipment replacement is excluded.
- » Pkg 2B:
  - » Task A: Replacement of the following Terminal Building Switchgear
    - Equipment pads may be required to be modified due to new equipment weight and / or footprint. Equipment that does not have pads will be provided with new pads. However, existing conduit trench under substation may preclude installation of pads.
  - » Task B: Replacement of Concourse A Switchgear
    - Design the replacement of existing Substation "A", located exterior to Concourse A. Includes new main-tie-main substation with two 13.2kV:480Y/277V stepdown oil-filled transformers, 13.2kV load break switches and 480V distribution breakers. Also includes the replacement of feeder conductors associated with the substation replacement.
    - Design the replacement of existing Switchboard "A", located in Concourse A Electrical Room. Includes the replacement of existing upstream and downstream 480V feeder conductors to facilitate the switchboard replacement.
    - Design the relocation of Panelboard "DP" feeder conductors from the existing Switchboard "A" to Substation "A" to repower Panel "DP" from Substation "A".

Project includes the following Tasks:

- » Phase 3C: 100% Construction Documents
  - 100% Construction Documents for
    - Pkg 2A
    - Pkg 2B
  - Bid / Permit Documents for
    - Pkg 2A
    - Pkg 2B
- » Phase 4: Bidding and Award Services
  - Pkg 2A
  - Pkg 2B

**Funding Expectations** – DOA Fiscal Year '26 - \$10M, DOA Fiscal Year '27 - \$10M.

**Project Duration** – The Project's schedule is defined in the accompanying Project Schedule. The actual schedule may vary significantly as the Project design progresses and the scope is further developed. Changes to the project schedule may require changes in the Consultant's efforts and require adjustments to the compensation indicated in this proposal.

## II PROJECT TASKS

### TASK 1 PHASE 3C: 100% CONSTRUCTION DOCUMENTS

The 100% Construction Documents Phase will be based on the approved 90% Design Development Phase documents. Specific task breakdowns are as follows:

#### Task 1.1 Split Prior Deliverable

The Consultant will split the 90% Construction Document deliverable into (2) Construction Packages.

There were 208 drawing pages in the 90% deliverable.

- » Design Team is anticipating approximately 60 sheets in Pkg 2A
- » Design Team is anticipating approximately 92 sheets in Pkg 2B

Sheets of 90% CD deliverable (previously submitted) will be reassigned to either Pkg 2A or 2B with approximately 39 number of sheets will need to be duplicated.

#### Task 1.2 Prior Phase Drawing / Comment Incorporation

The Consultant shall review all written comments received from the Airport from the 90% Construction Review Meeting and provide written responses. Revisions from comments will be incorporated into contract documents during this phase.

#### Task 1.3 100% Construction Document Preparation

Consultant shall prepare drawings, technical specifications and calculations necessary to effectively identify, evaluate, and resolve specific elements of the project for a technically sound and economically complete project. Additionally, the Consultant will update contract documents as required based on other known on-going projects at Airport or future planned project.

Included will be documentation relative to the following disciplines:

Civil/Site Construction Documents

Design of final documentation of the safety and security site access, and Contractor laydown areas drawings to support electrical SOW identified in Pkg 2A or Pkg 2B.

Design criteria notes will be included in Pkg 2A for breezeway at the north end of Concourse C and the associated areas for installation of new electrical equipment.

#### Architectural Construction Documents

Design of final documentation for spaces that support electrical SOW identified in Pkg 2A or Pkg 2B. Included will be development of floor plans and reflected ceiling plans to support conduit installation between electrical equipment.

#### Structural Construction Documents

Design of final documentation of structural systems that support electrical SOW identified in Pkg 2A or Pkg 2B.

#### Mechanical HVAC Construction Documents

Design of final documentation of heating, ventilation, air conditioning and building automation system needing to be relocated to support electrical SOW identified in Pkg 2A or Pkg 2B.

#### Fire Protection Construction Documents

Design of final documentation of modification to the existing fire protection system as applicable to support electrical SOW identified in Pkg 2A or Pkg 2B.

#### Electrical Construction Documents

Design of final documentation for in Pkg 2A or Pkg 2B.

- a. Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Terminal Building during construction.
- b. Includes preliminary short circuit calculations for sizing of electrical equipment withstand ratings for permitting and bidding purposes. Final short circuit calculation, device coordination and arc flash analysis along with arc flash labeling to be completed under CA services, which will be in a separate future proposal.
- c. Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- d. Includes design meeting all County Standards / Codes and permit requirements.

#### Low Voltage Construction Documents

Design of final documentation of security, communication, and premise distribution systems as required to support electrical SOW identified in Pkg 2A or Pkg 2B. Low voltage drawings will plan for connecting new electrical gear to DOA network for monitoring by Eaton Campus Dashboards for Pkg 2A and Pkg 2B.

### MOT Construction Documents

Design of final design documentation of MOT plans as required to support electrical SOW identified in Pkg 2B.

#### **Task 1.4 Quality Control Review**

The Consultant shall conduct in-house quality control reviews of this construction document stage submittal. The review shall cover the design plans and technical specifications prior to submittal to the Airport. The Quality Control review will be performed as follows:

- » Independent QC Review – An independent Architect/Engineer not actively involved in the Project will review for readability, accuracy, appearance and acceptability
- » Independent Technical Peer Review – for each discipline associated with the Project an Architect/Engineer not actively involved will review the documents for alignment with design methodologies, calculations, and code compliance
- » Constructability Review – a comprehensive look at the Project to ensure alignment between plans and specifications, phasing impacts, [potential conflicts, etc.
- » Discipline Coordination Review – an interdisciplinary review to ensure coordination of elements between disciplines

#### **Task 1.5 Submittal**

The Consultant will prepare and submit the following electronic files to the Airport:

- » Drawings (.pdf) – Not Signed and Sealed
- » Specifications (.pdf)

#### **Task 1.6 Rough Order of Magnitude (ROM) Opinion of Probable Construction Costs**

##### Design Team ROM

The Consultant will prepare a ROM cost estimate based on Task 1.5 Submittal. In providing estimates of probable construction cost, the Airport understands that the Consultant has no control over the cost or availability of labor, equipment, or materials, or over market conditions or a Contractor's method of pricing, and that the Consultant's estimates of probable construction costs are made on the basis of the Consultant's professional judgement and experience. The Consultant makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Consultant's estimate of probable construction cost.

##### CMAR Constructability Report

The Consultant will review CMAR constructability report (if completed by CMAR at this Deliverable) and provide responses (if applicable) to the Airport / CMAR.

### CMAR ROM / Design Team ROM Reconciliation

The Consultant will review CMAR cost estimate (if completed by CMAR at this Deliverable) and provide comments (if applicable) to the Airport to confirm CMAR has properly captured Project scope of work. A meeting will be held between CMAR and Design Team to reconcile any cost differences on the Direct Costs.

### **Task 1.7 100% Construction Document Review Meeting**

The Consultant shall coordinate and attend one (1) meeting to review this Construction Document phase submittal. Within one (1) week of the meeting, the Airport will provide any additional written comments to the Consultant that may affect the direction of the project.

The following Consultant team members will participate on-site at the Airport:

- » Project Manager
- » Architect - Senior
- » Civil Engineer - Senior
- » Electrical Engineer

The following Consultant team members will participate via TEAMS or another virtual program coordination:

- » Mechanical Engineer – Senior
- » Low Voltage Engineer
- » Cost Estimator (effort captured in Task 1.6)

Design review meeting anticipated to be within one (1) week after submittal of CMAR's constructability / cost estimate report to Airport.

The Consultant will provide agenda and meeting minutes.

### **Task 1.8 Bid / Permit Document Preparation**

The Consultant shall review all written comments received from the Airport from the 100% Construction Review Meeting (Task 1.7) and update the Contract Documents as part of this Task.

Revisions to the Contract Documents generated from the CMAR constructability report will be completed in this Task.

**Task 1.9 Bid / Permit Document Submittal**

The Consultant will prepare and submit the following electronic files to the Airport and CMAR for Bidding / Permitting.

- » Drawings (.pdf) –Signed and Sealed
- » Specifications (.pdf)

**Task 1.10 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

**TASK 2 PHASE 4: BIDDING PHASE SERVICES**

Following the completion of the construction document phase, these efforts will occur during the process of bidding and permitting. Specific tasks are as follows:

**Task 2.1 Permitting Inquiries/Clarifications and Addenda**

The Consultant will respond to questions, clarifications, and code considerations from permitting officials; and issue revisions as necessary.

**Task 2.2 Bidding Inquiries/Clarifications and Addenda**

The Consultant will respond to questions, clarifications, RFIs and substitutions submitted to the Consultant from the CMAR and will issue addenda to clarify and modify the project. All addenda will be approved by the Client prior to being issued to CMAR.

**Task 2.3 GMP Review and Recommendation**

The Consultant shall review the CMAR GMP proposal and provide a recommendation of Award.

**Task 2.4 Conformed Document**

The Consultant shall update the Bid / Permit documents to include all required modifications indicated during the bidding and permitting processes. This conformed set of documents will be provided to the CMAR and the airport as the baseline for construction activities.

**Task 2.5 Project Management and Project Coordination**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

**III MEETINGS AND PRESENTATIONS**

The following meetings and presentations will be attended as part of this proposal:

Task	Presentation / Meeting / Site Visit	Total Meetings	In-Person Meetings/Site Visits	Conference Calls/ Web-Based
1.7	100% CD Review Meeting (Pkg 2A & Pkg 2B)	1	1	0

**IV DELIVERABLES**

The following primary deliverables will be submitted as part of this proposal:

Task	Deliverable	Information Included	Format
1.5	Pkg 2A - Ph 3C: 100% CD's Pkg 2B - Ph 3C: 100% CD's	Drawings, Project Manual, ROM	.pdf
1.8	Pkg 2A - Ph 4: Bid / Permit Documents Pkg 2B - Ph 4: Bid / Permit Documents	Drawings and Project Manual	.pdf

The following secondary deliverables will be submitted as part of this proposal:

Task	Item	Format
1.7	100% CD Review Meeting Agenda & Minutes	TBD
1.8	Responses to Airport provided written comments generated from Review Meeting	TBD
1.8	Comments to CMAR Constructability Report	TBD

**V PROPOSED PROJECT SCHEDULE**

See Attachment A.

**VI ASSUMPTIONS AND EXCLUSIONS**

The following assumptions have been made for this Scope of Work:

- » Pkg 2A & Pkg 2B deliverables will be provided at the same time.
- » Airport will provide written comments of Task 1.5 Deliverable prior to Task 1.8 beginning.
- » Building Codes will not change between time of Pkg 2A vs Pkg 2B permitting. If so, supplemental services will be submitted to update drawings to reflect latest Codes.

- » Fire Protection includes modification / extension of existing fire protection systems as required to support new electrical SOW. Does not include design of new fire protection system.
- » Design Team ROM vs CMAR estimate will be reconciled during Task 1.6
- » CMAR construction delivery method
- » CMAR would provide cost estimate for Pkg 2A: Ph 3C – 100% CD's & Pkg 2B: Ph 3C – 100% CD's deliverable.
- » Technical Specification Division 2 thru 33 only required. Front End documents by PBC DOA.
- » RS&H will provide permitting documents to CMAR and CMAR will be responsible for submitting the PZB.
- » Design Phase Review Meeting (Task 1.7) to be within (2) two weeks of CMAR constructability report submittal. Constructability report assumed to be developed and submitted by CMAR within (30) thirty calendar days of receipt of submittal by CMAR from Owner.
- » Design Phase Deliverable (Task 1.9) will be no sooner than (30) thirty calendar days after Task 1.7 or Consultant's receipt of the CMAR constructability report, whichever is later.
- » FAA 7460 Coordination meeting not anticipated to be required
- » Permit Documents and Bid Documents will be the same set of documents
- » Task 1.8 will start day after Task 1.7
- » Schedule assumes 15 working days for CMAR to complete constructability report. If CMAR exceeds 15 days, schedule included here in shall adjust accordingly.

The following items are excluded from this Scope of Work unless otherwise noted:

- » LEED Design and Certification
- » Phasing drawings
- » Maintenance of Traffic drawings for Airside work
- » Any soil contaminants and subsurface remediation.
- » Pkg 2A & Pkg 2B - Phase 4: Pre-Bid Meeting
- » Pkg 2A & Pkg 2B - Phase 4: Fees associated with permitting
- » Pkg 2A & Pkg 2B - Phase 5: Construction Administration and RPR Services. Shall be performed under a separate proposal.
- » FAA 7460 Submittal
- » Project Manual Development other than Technical Specifications Div. 2 thru 33
- » Revit modeling of project areas.
- » Fire Alarm System modification.

- » Lightning Protection System modification.
- » RS&H will only perform services/work related in any way to PFAS chemicals or substances possibly containing PFAS chemicals (including but not limited to sampling, handling and remediating) to the extent the specifically directs, in writing, RS&H to perform such services/work, and RS&H shall not be liable for the nonperformance of such services/work.

#### VI PROFESSIONAL SERVICES FEE AND FEE TYPE

RS&H will provide the above referenced services for a Fixed Lump Sum Fee of **\$304,442.15** See Attachment B for a breakdown of costs.

Should scope items/activities/efforts/durations be modified at the request of PBC DOA or need to be adjusted based on design scheduling, the Consultant Team may need to modify the fee to accommodate the changes. Such changes will be compensated through an amendment (through Additional Services requested by the Consultant) to the Task Order or similar vehicle. Effort, fee, and schedule adjustments resulting from a change in scope will be assessed and approved by the Airport prior to the execution of the change.

## ATTACHMENT A

Task Name	Calendar Days	Start	Finish
<b>Switchgear Design Schedule</b>		<b>Mon 10/20/25</b>	<b>Tue 3/10/26</b>
<b>Phase 3C: 100% Construction Documents</b>			
Phase NTP	1 cal days	Mon 10/20/25	Mon 10/20/25
Task 1.1 thru 1.4 - Development & QA/QC Period	73 cal days	Mon 10/20/25	Wed 1/13/25
Task 1.5 - Submittal to PBC DOA (COB)	1 cal day	Tue 1/13/26	Tue 1/13/26
Task 1.7 - Review Meeting	1 cal day	Tue 2/17/26	Tue 2/17/26
Task 1.6 - ROM Development		Tue 1/13/26	Tue 2/10/26
Task 1.6 - Final Estimate DOA (COB)	1 cal day	Wed 2/11/26	Wed 2/11/26
CMAR Constructability (Assumed 20 Working Days)		Tue 1/13/26	Tue 2/10/26
Task 1.8 - Bid / Permit Documents	21 cal days	Wed 2/18/26	Tue 3/10/26
Task 1.9 - Bid / Permit Submittal	1 cal day	Tue 3/10/26	Tue 3/10/26

## ATTACHMENT B

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
 Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

RS&H, INC.  
 Switchgear Replacement - Phase 2 (Pkg 2A & Pkg 2B)



<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	1,016	\$ 154,979.90
Task 2	Bidding Phase Services	302	\$ 47,573.53

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<b>Subtotal RS&amp;H Labor Hours</b>	<b>1,318</b>	
<b>Subtotal RS&amp;H Labor Fee</b>		<b>\$202,553.43</b>

Subconsultants

Quantum	637	\$ 69,939.61
Connico	165	\$ 31,949.11

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<b>Subtotal Subconsultant Fee</b>	<b>\$101,888.72</b>
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Expenses

Travel	\$0.00
Other	\$0.00

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<b>Subtotal Expenses</b>	<b>\$0.00</b>
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<b>Total Project Fee</b>	<b>\$304,442.15</b>
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PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
 Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

RS&H, INC.  
 Switchgear Replacement - Phase 2 (Pkg 2A)

<b>Package 2A</b>			
<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	454	\$69,453.10
Task 2	Bidding Phase Services	89	\$15,768.30
		<b>Subtotal RS&amp;H Labor Hours</b>	<b>543</b>
		<b>Subtotal RS&amp;H Labor Fee</b>	<b>\$85,221.40</b>
<u>Subconsultants</u>			
<b>Package 2A</b>			
	Quantum	387	\$42,939.92
	Connico	84	\$16,364.05
		<b>Subtotal Subconsultant Fee</b>	<b>\$59,303.97</b>
<u>Expenses</u>			
	Travel		\$0.00
	Other		\$0.00
		<b>Subtotal Expenses</b>	<b>\$0.00</b>
		<b>Total Project Fee</b>	<b>\$144,525.37</b>

Switchgear Replacement - Phase 2 (Pkg 2A)

		HOURS								HOURS	TOTAL COST (\$)	
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer			Administrative Assistant
	Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		
<b>Task 1</b>	<b>Phase 3C: 100% Construction Documents</b>											
1.1	Split Prior Deliverable											
	Civil						2	7			9	\$1,628.75
	Architectural				3	25					28	\$2,627.01
	Structural							1	6		7	\$765.49
	Mechanical						1	8	9		18	\$2,439.10
	Fire Protection							8			8	\$1,270.64
	Low Voltage							26			26	\$4,129.58
	MOT											
1.2	Prior Phase Drawing / Comment Incorporation											
	Civil						1	3			4	\$734.96
	Architectural				1	6					7	\$667.42
	Structural											
	Mechanical											
	Fire Protection						1	4			5	\$893.79
	Low Voltage						1	3			4	\$734.96
	MOT											
1.3	100% Design Document Preparation											
	Task A: Replacement of Terminal Building Switchgear											
	PM		1								1	\$300.80
	Civil						1	3			4	\$734.96
	Architectural			1	27	37					65	\$7,121.26
	Structural											
	Mechanical											
	Fire Protection						1	2			3	\$576.13
	Low Voltage							7			7	\$1,111.81
	MOT											
	Task B: Replacement of Concourse A Switchgear											
	PM		1								1	\$300.80
	Civil											
	Architectural				27	37					64	\$6,864.09
	Structural											
	Mechanical											
	Fire Protection						1	2			3	\$576.13
	Low Voltage							7			7	\$1,111.81
	MOT											
1.4	Quality Control Review											
	Independent QC Review											
	Electrical						5				5	\$1,292.35
	Independent Technical Peer Review											
	PM		3								3	\$902.40
	Civil						1	2			3	\$576.13
	Architectural			2	3	12					17	\$1,981.10
	Structural											

Switchgear Replacement - Phase 2 (Pkg 2A)

			HOURS							HOURS	TOTAL COST (\$)		
			Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer			Intern Engineer	Administrative Assistant
		Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		
		Mechanical											
		Fire Protection						2	4			6	\$1,152.26
		Low Voltage						1	3			4	\$734.96
		MOT											
		Constructibility Review											
		Electrical						2				2	\$516.94
		Discipline Coordination Review											
		Architectural			2							2	\$514.34
1.5		Submittal											
		PM		3								3	\$902.40
		Civil						1	2			3	\$576.13
		Architectural				1	3					4	\$399.67
		Structural											
		Mechanical											
		Fire Protection						1	4			5	\$893.79
		Low Voltage											
		MOT											
1.6		Rough Order of Magnitude (ROM) Opinion of Probable Const											
		Design Team ROM											
		PM		3								3	\$902.40
		Civil						1				1	\$258.47
		Architectural				3	6					9	\$931.26
		Structural											
		Mechanical											
		Fire Protection						2	4			6	\$1,152.26
		Low Voltage						1				1	\$258.47
		MOT											
		CMAR Constructibility Report											
		PM		3								3	\$902.40
		Civil						1	1			2	\$417.30
		Architectural				5	6					11	\$1,195.10
		Structural											
		Mechanical											
		Fire Protection						1	2			3	\$576.13
		Low Voltage						1				1	\$258.47
		MOT											
		CMAR ROM											
		PM		3								3	\$902.40
		Civil						1				1	\$258.47
		Architectural				3						3	\$395.76
		Structural											
		Mechanical											
		Fire Protection						2				2	\$516.94
		Low Voltage						1				1	\$258.47
		MOT											
1.7		100% CD Review Meeting											

Switchgear Replacement - Phase 2 (Pkg 2A)

		HOURS								HOURS	TOTAL COST (\$)	
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer			Administrative Assistant
	Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		
	PM		4								4	\$1,203.20
	Civil						2				2	\$516.94
	Architectural			2							2	\$514.34
	Mechanical						1	2			3	\$576.13
1.8	Bid / Permit Document Preparation											
	PM		3								3	\$902.40
	Civil						1	2			3	\$576.13
	Architectural				5	12					17	\$1,730.60
	Structural											
	Mechanical											
	Fire Protection						1	6			7	\$1,211.45
	Low Voltage						1	3			4	\$734.96
	MOT											
1.9	Bid / Permit Submittal											
	PM		3								3	\$902.40
	Civil						1	2			3	\$576.13
	Architectural				3	3					6	\$663.51
	Structural											
	Mechanical											
	Fire Protection						1	2			3	\$576.13
	Low Voltage						1	2			3	\$576.13
	MOT											
1.10	Project Management											
	PM	1	12								13	\$3,976.39
	<b>Task Total</b>	<b>1</b>	<b>39</b>	<b>7</b>	<b>81</b>	<b>147</b>	<b>42</b>	<b>122</b>	<b>15</b>	<b>-</b>	<b>454</b>	<b>\$69,453.10</b>
<b>Task 2 Bidding Phase Services</b>												
2.1	Permitting Inquiries/Clarifications and Permit Revisions											
	PM		3								3	\$902.40
	Civil						1				1	\$258.47
	Architectural				8	12					20	\$2,126.36
	Structural											
	Mechanical											
	Fire Protection						1	4			5	\$893.79
	Low Voltage							2			2	\$317.66
	MOT											
2.2	Bidding Inquiries/Clarifications and Addenda											
	PM		3								3	\$902.40
	Civil						1				1	\$258.47
	Architectural				3	6					9	\$931.26
	Structural											
	Mechanical											
	Fire Protection						1	4			5	\$893.79
	Low Voltage							3			3	\$476.49
2.3	Bid Review and Recommendations											
	PM		3								3	\$902.40

Switchgear Replacement - Phase 2 (Pkg 2A)

			HOURS								HOURS	TOTAL COST	
			Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer			Administrative Assistant
		Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$83.27		(\$)
		Civil						1				1	\$258.47
		Architectural				3						3	\$395.76
		Structural											
		Mechanical											
		Fire Protection						2				2	\$516.94
		Low Voltage						1				1	\$258.47
2.4		Conformed Document Preparation											
		PM		3								3	\$902.40
		Civil						1	2			3	\$576.13
		Architectural				3	6					9	\$931.26
		Structural											
		Mechanical											
		Fire Protection						1	2			3	\$576.13
		Low Voltage							2			2	\$317.66
		MOT											
2.5		Project Management and Project Coordination											
		PM	1	6								7	\$2,171.59
		<b>Task Total</b>	<b>1</b>	<b>18</b>	<b>-</b>	<b>17</b>	<b>24</b>	<b>10</b>	<b>19</b>	<b>-</b>	<b>-</b>	<b>89</b>	<b>\$15,768.30</b>
<b>TOTAL FOR ALL TASKS (RS&amp;H)</b>			<b>2</b>	<b>57</b>	<b>7</b>	<b>98</b>	<b>171</b>	<b>52</b>	<b>141</b>	<b>15</b>	<b>-</b>	<b>543</b>	<b>\$85,221.40</b>

**Switchgear Replacement - Phase 2 (Pkg 2A)**

Sub Consultant Effort by Major Task Item	Task A		Subtotal
	Hrs	Costs	
Quantum <i>Electrical</i>			
Task 1: 100% CD's	350	\$ 38,970.74	\$ 38,970.74
Task 2: Bidding & Award Services	37	\$ 3,969.18	\$ 3,969.18
Connico <i>Cost Estimating</i>			
Task 1: 100% CD's	84	\$ 16,364.00	\$ 16,364.05
<b>TOTAL SUBCONSULTANTS</b>		<b>\$ 42,939.92</b>	<b>\$59,303.97</b>

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
 Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

RS&H, INC.  
 Switchgear Replacement - Phase 2 (Pkg 2B)

<b>Package 2B</b>			
<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	562	\$85,526.80
Task 2	Bidding Phase Services	213	\$31,805.23
		<b>Subtotal RS&amp;H Labor Hours</b>	<b>775</b>
		<b>Subtotal RS&amp;H Labor Fee</b>	<b>\$117,332.03</b>
<u>Subconsultants</u>			
<b>Package 2B</b>			
	Quantum	250	\$26,999.69
	Connico	81	\$15,585.06
		<b>Subtotal Subconsultant Fee</b>	<b>\$42,584.75</b>
<u>Expenses</u>			
	Travel		\$0.00
	Other		\$0.00
		<b>Subtotal Expenses</b>	<b>\$0.00</b>
		<b>Total Project Fee</b>	<b>\$159,916.78</b>

## Switchgear Replacement - Phase 2 (Pkg 2A)

		HOURS									HOURS	TOTAL COST (\$)
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer	Administrative Assistant		
Billing Rate		\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		
<b>Task 1</b>	<b>Phase 3C: 100% Construction Documents</b>											
1.1	Split Prior Deliverable											
	Civil											
	Architectural											
	Structural											
	Mechanical											
	Fire Protection											
	Low Voltage											
	MOT											
1.2	Prior Phase Drawing / Comment Incorporation											
	Civil											
	Architectural											
	Structural											
	Mechanical											
	Fire Protection											
	Low Voltage											
	MOT											
1.3	100% Design Document Preparation											
	Task A: Replacement of Terminal Building Switchgear											
	PM											
	Civil											
	Architectural											
	Structural											
	Mechanical											
	Fire Protection											
	Low Voltage											
	MOT											
	Task B: Replacement of Concourse A Switchgear											
	PM											
	Civil											
	Architectural											
	Structural											
	Mechanical											
	Fire Protection											
	Low Voltage											
	MOT											
	Task C: Replacement of Concourse B Switchgear											
	PM											
	Architectural											
	Structural											
	Mechanical											
	Fire Protection											
	Low Voltage											
	MOT											
	Task D: Replacement of Concourse C Switchgear											

## Switchgear Replacement - Phase 2 (Pkg 2A)

			HOURS							HOURS	TOTAL COST (\$)		
			Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer			Intern Engineer	Administrative Assistant
		Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		
		PM											
		Civil											
		Architectural											
		Structural											
		Mechanical											
		Fire Protection											
		Low Voltage											
		Task E: Replacement of Parking Garage Bldg. 1100 Sw											
		PM											
		Civil											
		Architectural											
		Structural											
		Mechanical											
		Fire Protection											
		Low Voltage											
		MOT											
		Task F: Modification of Chiller Plant Controls											
		Mechanical											
1.4		Quality Control Review											
		Independent QC Review											
		Electrical						5				5	\$1,292.35
		Independent Technical Peer Review											
		PM		3								3	\$902.40
		Civil					1	2				3	\$576.13
		Architectural			2	6	12					20	\$2,376.86
		Structural					2	1	4			7	\$1,080.21
		Mechanical					2	4	5			11	\$1,657.81
		Fire Protection					2	4				6	\$1,152.26
		Low Voltage					1	3				4	\$734.96
		MOT											
		Constructibility Review											
		Electrical					2					2	\$516.94
		Discipline Coordination Review											
		Architectural			2							2	\$514.34
1.5		Submittal											
		PM		3								3	\$902.40
		Civil					1	2				3	\$576.13
		Architectural				3	3					6	\$663.51
		Structural						1	2			3	\$361.05
		Mechanical					1	2	2			5	\$778.35
		Fire Protection					1	2				3	\$576.13
		Low Voltage						2				2	\$317.66
		MOT											
1.6		Rough Order of Magnitude (ROM) Opinion of Probable Const											
		Design Team ROM											
		PM		3								3	\$902.40

Switchgear Replacement - Phase 2 (Pkg 2A)

			HOURS							HOURS	TOTAL COST		
			Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer			Intern Engineer	Administrative Assistant
			Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47			\$158.83	\$101.11
		Civil						2				2	\$516.94
		Architectural				4	6					10	\$1,063.18
		Structural							1	2		3	\$361.05
		Mechanical						2	4	5		11	\$1,657.81
		Fire Protection						2	4			6	\$1,152.26
		Low Voltage						1				1	\$258.47
		MOT											
		CMAR Constructibility Report											
		PM		3								3	\$902.40
		Civil						1	2			3	\$576.13
		Architectural				7	6					13	\$1,458.94
		Structural								3		3	\$476.49
		Mechanical						1	2	2		5	\$778.35
		Fire Protection						1	2			3	\$576.13
		Low Voltage						1				1	\$258.47
		MOT											
		CMAR ROM											
		PM		3								3	\$902.40
		Civil						1				1	\$258.47
		Architectural				4						4	\$527.68
		Structural								3		3	\$476.49
		Mechanical						2				2	\$516.94
		Fire Protection						2				2	\$516.94
		Low Voltage						1				1	\$258.47
		MOT											
1.7		100% CD Review Meeting											
		PM		4								4	\$1,203.20
		Civil						2				2	\$516.94
		Architectural			2							2	\$514.34
		Mechanical						2	2			4	\$834.60
1.8		Bid / Permit Document Preparation											
		PM		3								3	\$902.40
		Civil						4	7			11	\$2,145.69
		Architectural				12	12					24	\$2,654.04
		Structural							3	4		7	\$880.93
		Mechanical						1	6	7		14	\$1,919.22
		Fire Protection						1	6			7	\$1,211.45
		Low Voltage						1	3			4	\$734.96
		MOT											
1.9		Bid / Permit Submittal											
		PM		3								3	\$902.40
		Civil						2	3			5	\$993.43
		Architectural				4	3					7	\$795.43
		Structural							3	4		7	\$880.93
		Mechanical						1	2	2		5	\$778.35
		Fire Protection						1	2			3	\$576.13

Switchgear Replacement - Phase 2 (Pkg 2A)

			HOURS								HOURS	TOTAL COST	
			Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer			Administrative Assistant
		Billing Rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$63.27		(\$)
		Low Voltage						1	2			3	\$576.13
		MOT											
1.10		Project Management											
		PM	1	12							14	27	\$4,862.17
		<b>Task Total</b>	<b>1</b>	<b>39</b>	<b>6</b>	<b>107</b>	<b>122</b>	<b>67</b>	<b>136</b>	<b>70</b>	<b>14</b>	<b>562</b>	<b>\$85,526.80</b>
<b>Task 2</b>		<b>Bidding Phase Services</b>											
2.1		Permitting Inquiries/Clarifications and Permit Revisions											
		PM		3								3	\$902.40
		Civil					7	7				14	\$2,921.10
		Architectural				14	25					39	\$4,078.13
		Structural							6	8		14	\$1,761.86
		Mechanical						1	4	5		10	\$1,399.34
		Fire Protection						1	4			5	\$893.79
		Low Voltage							2			2	\$317.66
		MOT											
2.2		Bidding Inquiries/Clarifications and Addenda											
		PM		3								3	\$902.40
		Civil					2	2				4	\$834.60
		Architectural				12	25					37	\$3,814.29
		Structural							3	4		7	\$880.93
		Mechanical						1	4	5		10	\$1,399.34
		Fire Protection						1	4			5	\$893.79
		Low Voltage							3			3	\$476.49
2.3		Bid Review and Recommendations											
		PM		3								3	\$902.40
		Civil					1					1	\$258.47
		Architectural				4						4	\$527.68
		Structural							1			1	\$158.83
		Mechanical					2					2	\$516.94
		Fire Protection					2					2	\$516.94
		Low Voltage					1					1	\$258.47
2.4		Conformed Document Preparation											
		PM		3								3	\$902.40
		Civil					1	2				3	\$576.13
		Architectural				4	6					10	\$1,063.18
		Structural							1	2		3	\$361.05
		Mechanical						1	2	2		5	\$778.35
		Fire Protection						1	2			3	\$576.13
		Low Voltage							2			2	\$317.66
		MOT											
2.5		Project Management and Project Coordination											
		PM	1	6							7	14	\$2,614.48
		<b>Task Total</b>	<b>1</b>	<b>18</b>	<b>-</b>	<b>34</b>	<b>56</b>	<b>22</b>	<b>49</b>	<b>26</b>	<b>7</b>	<b>213</b>	<b>\$31,805.23</b>
<b>TOTAL FOR ALL TASKS (RS&amp;H)</b>			<b>2</b>	<b>57</b>	<b>6</b>	<b>141</b>	<b>178</b>	<b>89</b>	<b>185</b>	<b>96</b>	<b>21</b>	<b>775</b>	<b>\$117,332.03</b>

**Switchgear Replacement - Phase 2 (Pkg 2A)**

Sub Consultant Effort by Major Task Item	Task B		
	Hrs	Costs	Subtotal
Quantum <i>Electrical</i>			
Task 1: 100% CD's	216	\$ 23,463.20	\$ 23,463.20
Task 2: Bidding & Award Services	34	\$ 3,536.49	\$ 3,536.49
Connico <i>Cost Estimating</i>			
Task 1: 100% CD's	81	\$ 15,585.06	\$ 15,585.06
<b>TOTAL SUBCONSULTANTS</b>		<b>\$ 26,999.69</b>	<b>\$42,584.75</b>

September 2, 2025

RS&H, Inc.  
Mr. Aaron Jackson, PE, LEED AP  
Aviation Structural Engineer  
10748 Deerwood Park Blvd. South  
Jacksonville, FL 32256

Subject: Electrical Engineering Design Services Fee Proposal for the Palm Beach County Department of Airports (DOA) – Palm Beach International Airport Switchgear Replacement Phase 2 – Additional Services for Repackaging the 90% Design.

Dear Aaron:

Quantum Electrical Engineering, Inc. (Quantum) is pleased to provide RS&H an electrical design services fee proposal for the additional services for splitting the PBIA Switchgear Replacement Phase 2 90% design documents into (2) construction packages. This proposal is based on the RS&H Switchgear Replacement Phase 2 Scope of Work dated May 2022. The following Tasks are included in our scope:

Package 2A: Replacement of Terminal Building Switchgear Scope of Work

- Includes all coordination meetings with RS&H Design Team, DOA, CMR and PB&Z.
- Redesign the replacement of existing Substation "T" into a standalone design package.
- Redesign the replacement of existing medium voltage distribution transformers "T-3" and "T-4" into this design package as an additive alternate.
- Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Concourse A during construction.
- Includes preliminary short circuit calculations for sizing of electrical equipment withstand ratings for permitting and bidding purposes. Final short circuit calculation, device coordination and arc flash analysis along with arc flash labeling to be completed under CA services, which will be in a separate future proposal.
- Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- Includes design meeting all County Standards / Codes and permit requirements.

Package 2B: Replacement of Concourse A Switchgear Scope of Work

- Includes all coordination meetings with RS&H Design Team, DOA, CMR and PB&Z.
- Redesign the replacement of existing Substation "A" and Switchboard A into a standalone design package.

Palm Beach County

2755 Vista Parkway, Suite I-12  
West Palm Beach, FL 33411  
561.210.9224

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

Broward County

5571 N. University Drive, Suite 101  
Coral Springs, FL 33067  
954.369.5810

Page 2

Mr. Aaron Jackson P.E.,

PBIA Switchgear Replacement Phase 2 Additional Services for Repackaging the 90% Design

- Design modifications to existing Administration Building 846 electrical distribution system to accept an alternate power connection from Substation "A".
- Includes design of phasing and extensive temporary wiring and temporary equipment/power systems to maintain operations of Concourse A during construction.
- Includes one-line diagrams, electrical calculations, plan layouts, panel schedules and electrical details.
- Includes design meeting all County Standards / Codes and permit requirements.

### **Task 1 Phase 3C: 100% Construction Documents (Pkg 2A & 2B)**

#### Task 1.1: Split Prior Deliverable

- Split the prior 90% deliverable into (2) Packages 2A and 2B.

#### Task 1.2: Prior Phase Drawing / Comment Incorporation

- Includes incorporation of all 90% related comments from the DOA into 100% Construction Documents.

#### Task 1.3: 100% Design Document Preparation

- Includes providing 100% design level electrical information reflecting required one-line diagrams, riser diagrams, panel schedules, details and plan layouts for design & specification.
- Includes 100% design level electrical calculations.
- Coordination with the RS&H Team on the electrical requirement of other disciplines and provide 100% Construction Plans and technical specifications for electrical design.

#### Task 1.4: Quality Control Review

- Includes responses to RS&H QC comments for incorporation into final 100% submittal.
- Includes interdisciplinary review to ensure coordination of elements between disciplines

#### Task 1.5: Submittal

- Prepare and submit electronic pdf plans and specifications to RS&H.

#### Task 1.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost

- Include review of 100% Electrical Probable Construction Cost and provide comments to RS&H Team.
- Include review of CMAR Electrical Probable Construction Cost and provide comments to RS&H Team.
- Includes responses to CMAR constructability review.

#### Task 1.7: 100% Construction Document Review Meeting

- Includes attending 100% design review meeting with DOA, CMAR and RS&H Team.

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954.369.5810

Page 3

Mr. Aaron Jackson P.E.,

PBIA Switchgear Replacement Phase 2 Additional Services for Repackaging the 90% Design

- Includes responses to review comments generated by the DOA and RS&H Team.

**Task 1.8: Bid / Permit Document Preparation**

- Includes incorporation of all 100% related comments from the DOA, CMAR and RS&H Design Team into Bid / Permit Documents.

**Task 1.9: Bid / Permit Document Submittal**

- Prepare and submit electronic signed and sealed pdf plans and specifications to RS&H.

**Task 1.10: Project Management**

- This task is to be performed by RS&H.

**Task 2 Phase 4: Bidding Phase Services (Pkg 2A & 2B)**

**Task 2.1: Permit Inquiries/Clarifications and Addenda**

- Review permit comments and provide responses and plan revisions as necessary.

**Task 2.2: Bidding Inquiries/Clarifications and Addenda**

- RFI and Addendum Responses
- Attendance at Prebid with on-site walkthrough.

**Task 2.3: GMP Review and Recommendation**

- Review of CMAR GMP proposal and electrical pricing results and provide comments to RS&H Team.

**Task 2.4: Conformed Documents**

- Includes incorporation of all issued documentation under Tasks 2.1 and 2.2 into Conformed Documents to be used for construction.

**Task 2.5: Project Management and Project Coordination**

- This task is to be performed by RS&H.

**Exclusions and Assumptions**

- RS&H shall provide all base drawings to Quantum on AutoCAD 2024 or higher.
- Quantum shall provide 1-set of electronic electrical plans & specifications to RS&H for 100%, bid/permit and conformed documents.
- RS&H shall provide all printing of plans & specifications for reviews, bid/permits and conformed phases.
- Does not include coordination study or arc flash analysis (to be included in construction services).
- Does not include construction services.

Our proposed total Lump-Sum fee for Package 2A is:	\$ 42,939.92
Our proposed total Lump-Sum fee for Package 2B is:	\$ 26,999.69
<b>Our proposed Grand Total Lump-Sum fee is:</b>	<b>\$ 69,939.61</b>

Palm Beach County

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954.369.5810

Page 4

Mr. Aaron Jackson P.E.,

PBIA Switchgear Replacement Phase 2 Additional Services for Repackaging the 90% Design

(See Attachment for Breakdown)

Sincerely,



Amy L. Champagne-Baker, PE  
President

Palm Beach County  
2755 Vista Parkway, Suite I-12  
West Palm Beach, FL 33411  
561.210.9224

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

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5571 N. University Drive, Suite 101  
Coral Springs, FL 33067  
954.369.5810

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PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBIA SWITCHGEAR REPLACEMENT PHASE 2 ADDITIONAL SERVICES FOR REPACKAGING THE 90% DESIGN										
QUANTUM ELECTRICAL ENGINEERING, INC.										
SCOPE FEE SUMMARY										
FEE PROPOSAL ELECTRICAL SERVICES TO RSH 9-2-25										
	Rate	\$161.54	\$144.23	\$138.46	\$69.23	\$132.69	\$46.15			
	Proj. Mgr.	Prof. Eng	Proj. Eng	CADD/Tech	Field Eng.	Clerical	Total	Expenses	TOTAL	
PACKAGE 2A: REPLACEMENT OF TERMINAL BUILDING SWITCHGEAR	Hours	Hours	Hours	Hours	Hours	Hours	Hours		TASK COST	
<b>Task 1 Phase 3C: 100% Construction Documents</b>										
Task 1.1: Split Prior Deliverable		8	24	24		4	60		\$6,323.00	
Task 1.2: Prior Phase Drawing / Comment Incorporation		2	2	4			8		\$842.30	
Task 1.3: 100% Design Document Preparation		48	48	64		8	168		\$18,369.04	
Task 1.4: Quality Control Review		4	2	2		4	12		\$1,176.90	
Task 1.5: Submittal		4	8	2			14		\$1,823.06	
Task 1.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		8					8		\$1,153.84	
Task 1.7: 100% Construction Document Review Meeting		2					2		\$288.46	
Task 1.8: Bid / Permit Document Preparation		16	32	24		2	74		\$8,492.22	
Task 1.9: Bid / Permit Document Submittal		3		1			4		\$501.92	
Task 1.10: Project Management							0		\$0.00	
<b>Subtotal</b>	<b>0</b>	<b>95</b>	<b>116</b>	<b>121</b>	<b>0</b>	<b>18</b>	<b>350</b>		<b>\$38,970.74</b>	
<b>Task 2 Phase 4: Bidding Phase Services</b>										
Task 2.1: Permit Inquiries/Clarifications and Addenda		4	1	2		1	8		\$899.99	
Task 2.2: Bidding Inquiries/Clarifications and Addenda		8	4	8		5	25		\$2,492.27	
Task 2.3: GMP Review and Recommendation		2					2		\$288.46	
Task 2.4: Conformed Documents		2					2		\$288.46	
Task 2.5: Project Management and Project Coordination							0		\$0.00	
<b>Subtotal</b>	<b>0</b>	<b>16</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>6</b>	<b>37</b>		<b>\$3,969.18</b>	
<b>Task 2A Subtotal Hours</b>										
	<b>0</b>	<b>111</b>	<b>121</b>	<b>131</b>	<b>0</b>	<b>24</b>	<b>387</b>			
<b>Task 2A Subtotal Labor Cost</b>										
	<b>\$0.00</b>	<b>\$16,009.53</b>	<b>\$16,753.66</b>	<b>\$9,069.13</b>	<b>\$0.00</b>	<b>\$1,107.60</b>			<b>\$42,939.92</b>	

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<b>PACKAGE 2B: REPLACEMENT OF CONCOURSE A SWITCHGEAR</b>									
<b>Task 1 Phase 3C: 100% Construction Documents</b>									
Task 1.1: Split Prior Deliverable		8	16	16			40	\$4,476.88	
Task 1.2: Prior Phase Drawing / Comment Incorporation		2	2	2			6	\$703.84	
Task 1.3: 100% Design Document Preparation		16	24	32		8	80	\$8,215.28	
Task 1.4: Quality Control Review		4	2	2		4	12	\$1,176.90	
Task 1.5: Submittal		4	8	2			14	\$1,823.06	
Task 1.6: Rough Order of Magnitude (ROM) Opinion of Probable Construction Cost		8					8	\$1,153.84	
Task 1.7: 100% Construction Document Review Meeting		2					2	\$288.46	
Task 1.8: Bid / Permit Document Preparation		8	16	24		2	50	\$5,123.02	
Task 1.9: Bid / Permit Document Submittal		3		1			4	\$501.92	
Task 1.10: Project Management							0	\$0.00	
<b>Subtotal</b>		<b>0</b>	<b>55</b>	<b>68</b>	<b>79</b>	<b>0</b>	<b>14</b>	<b>216</b>	<b>\$23,463.20</b>
<b>Task 2 Phase 4: Bidding Phase Services</b>									
Task 2.1: Permit Inquiries/Clarifications and Addenda		3	1	2		1	7	\$755.76	
Task 2.2: Bidding Inquiries/Clarifications and Addenda		6	4	8		5	23	\$2,203.81	
Task 2.3: GMP Review and Recommendation		2					2	\$288.46	
Task 2.4: Conformed Documents		2					2	\$288.46	
Task 2.5: Project Management and Project Coordination							0	\$0.00	
<b>Subtotal</b>		<b>0</b>	<b>13</b>	<b>5</b>	<b>10</b>	<b>0</b>	<b>6</b>	<b>34</b>	<b>\$3,536.49</b>
<b>Task 2B Subtotal Hours</b>		<b>0</b>	<b>68</b>	<b>73</b>	<b>89</b>	<b>0</b>	<b>20</b>	<b>250</b>	
<b>Task 2B Subtotal Labor Cost</b>	<b>\$0.00</b>	<b>\$9,807.64</b>	<b>\$10,107.58</b>	<b>\$6,161.47</b>	<b>\$0.00</b>	<b>\$923.00</b>			<b>\$26,999.69</b>
<b>Grand Total Hours</b>		<b>0</b>	<b>179</b>	<b>194</b>	<b>220</b>	<b>0</b>	<b>44</b>	<b>637</b>	
<b>Grand Total Labor Cost</b>	<b>\$0.00</b>	<b>\$25,817.17</b>	<b>\$26,861.24</b>	<b>\$15,230.60</b>	<b>\$0.00</b>	<b>\$2,030.60</b>			<b>\$69,939.61</b>



August 29, 2025

(615) 758-7474  
[www.connico.com](http://www.connico.com)

Mr. Aaron Jackson  
RS&H  
10748 Deerwood Park Blvd South,  
Jacksonville, FL 32256

RE: PBI Switchgear Replacement Add Services  
Palm Beach International Airport  
West Palm Beach, Florida

Dear Mr. Jackson:

We are pleased to present our fee proposal for the referenced project.

We appreciate the opportunity to team with you on this project. Should you have any questions or need additional information, please contact us at your convenience.

Sincerely,

The Connico Team

A handwritten signature in black ink, appearing to read "Charles J. Cleary".

Charles J. Cleary, CPE  
Chief Cost Specialist  
[cjcleary@connico.com](mailto:cjcleary@connico.com)

Connico File No. 4312.25.24

**EXHIBIT A – SCOPE OF WORK AND FEE**

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**Project Scope**

The scope of work consists of the replacement of primary electrical components that provide electrical service to the Terminal Complex at Palm Beach International Airport. The project will be (2) two construction packages.

The construction budget has not been established.

**Basic Scope of Services**

Connico proposes to provide the following services:

- ⇓ 100% Design Document Estimate, Package 2A
- ⇓ 100% Design Document Estimate, Package 2B
- ⇓ CMAR Estimate Review

Each phase includes an initial scope of work review meeting and a draft estimate review meeting via teleconference. The teleconference meeting is to occur prior to issuing an electronic copy of the report. A limited site visit for the purposes of providing an opinion of probable cost is not included. This proposal is for planning, design phase services only; construction phase services are not included.

In providing estimates of probable construction cost the Client understands that Connico has no control over the cost or availability of labor, equipment, or materials, or over market conditions or the Contractor's method of pricing, and that Connico's estimates of probable construction costs are made on the basis of Connico's professional judgment and experience. Connico makes no warranty, express or implied, that the bids the negotiated cost of the Work will not vary from Connico's estimate of probable construction cost

Connico will require an electronic version of the drawings (PDF) and narrative/specifications, and a copy of the soil borings report, if available and applicable.

Connico will provide an electronic copy of the report.

**Deliverables**

The estimate will be prepared in a format to fit the requirements of the Client, provided the format is established at the beginning of the estimating task. The estimate will identify Connico's opinion of probable construction cost of the project based on the documents provided by the Client. Connico is entitled to rely and will rely on the accuracy and completeness of all such documents without undertaking an independent investigation to confirm the same.

Also included within the report shall be the estimate notes. The notes will contain allowances, criteria, and clarifications for the estimate based on Connico's assumptions and verbal information provided by the design team. The notes will also include any other comments about the project that Connico believes are relevant.

Connico will provide an electronic copy of the estimate report.

The estimate(s) shall be prepared within twelve (12) business days from the date all design information required is received by Connico. In the event that supplemental information is furnished to Connico after a task has begun, and such information requires changes to any quantity take-off currently in progress, Connico reserves the right to request additional compensation for any such additional take-off. No additional time shall be expended on work affected by such supplemental information without the prior written consent of the Client and an agreement having been reached as to the scope and additional fee required.

**EXHIBIT A – SCOPE OF WORK AND FEE**

---

**Proposed Fees (Basic Scope of Services)**

↓	100% Design Document Estimate, Package 2A	\$16,364.00
↓	100% Design Document Estimate, Package 2B	\$15,585.00

**Total Proposed Fees (Lump Sum) \$31,949.00**

The proposed fees are based on providing all listed phase of estimates. Should the Client elect to change the scope of services, Connico reserves the right to renegotiate our fees.

Proposed fees are based on providing one draft estimate for review and comment and one final estimate. Should additional revisions be requested, these shall be considered additional services.

Services not set forth above and not listed in Exhibit A of this Agreement are specifically excluded from the scope of the Consultant’s services. The Consultant assumes no responsibility to perform any services not specifically listed in Exhibit A.

**Additional Services**

Additional services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for Basic Services, in accordance with Connico’s schedules below, or as agreed to by the Client and Connico.

Proposed fees are based on providing one draft report for review and comment and one final report. Should additional revisions be requested, these shall be considered additional services.

Services not set forth above and not listed in Exhibit A of this Agreement are specifically excluded from the scope of Connico’s services. Connico assumes no responsibility to perform any services not specifically listed in Exhibit A.

**Additional Services**

Additional services are not included as part of the Basic Scope of Services and shall be paid for by the Client, in addition to payment for Basic Services, in accordance with the rates included within the agreement, or as agreed to by the Client and Connico.

Basic Services do not include, cost management, evaluating or making recommendations regarding substitution of materials, products, or equipment proposed, design alternatives or value engineering building or site systems. Connico shall be reimbursed at the rates included within the agreement.

**EXHIBIT A – SCOPE OF WORK AND FEE**

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Project Submitted by:



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Charles J. Cleary CPE

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

Connico  
Switchgear Replacement - Phase 2 (Pkg 2A & Pkg 2B)



<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	165	\$ 31,949.11

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<b>Subtotal TSF Labor Hours</b>	<b>165</b>	
<b>Subtotal TSF Labor Fee</b>		<b>\$31,949.11</b>

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<b>Total Project Fee</b>	<b>\$31,949.11</b>
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PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

Connico  
Switchgear Replacement - Phase 2 (Pkg 2A)



Package 2A

<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	84	\$16,364.05

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<b>Subtotal TSF Labor Hours</b>	<b>84</b>	
<b>Subtotal TSF Labor Fee</b>		<b>\$16,364.05</b>

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<b>Total Project Fee</b>		<b>\$16,364.05</b>
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Switchgear Replacement - Phase 2 (Pkg 2A)

		HOURS										HOURS	TOTAL COST (\$)
		Principal	Associate Principal	Director	Senior Project Specialist	Chief Cost Specialist	Senior Cost Specialist	Project Analyst III	Cost Analyst II	Admin Specialist	Project Analyst I		
	Billing Rate	\$315.87	\$249.81	\$231.56	\$221.88	\$210.48	\$180.99	\$125.09	\$115.01	\$97.22	\$86.69		
<b>Task 1</b>	<b>Phase 3C: 100% Construction Documents</b>												
1.1	Split Prior Deliverable											-	\$0.00
	Cost Estimate											-	\$0.00
1.6	Rough Order of Magnitude (ROM) Opinion of Probable Construction Costs											-	\$0.00
	Design Team ROM											-	\$0.00
	Cost Estimate											-	\$0.00
	Draft Development	1.00		3.00	2.00	16.00	32.00			1.00		55	\$10,710.89
	Final Development			1.00		4.00	8.00					13	\$2,521.40
	CMAR ROM											-	\$0.00
	Cost Estimate					8.00	8.00					16	\$3,131.76
	<b>Task Total</b>	<b>1.00</b>	<b>-</b>	<b>4.00</b>	<b>2.00</b>					<b>1.00</b>	<b>-</b>	<b>84</b>	<b>\$16,364.05</b>
<b>TOTAL FOR ALL TASKS (Connico)</b>		<b>1</b>	<b>-</b>	<b>4</b>	<b>2</b>					<b>1</b>	<b>-</b>	<b>84</b>	<b>\$16,364.05</b>

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS  
Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services

Connico  
Switchgear Replacement - Phase 2 (Pkg 2B)



Package 2B

<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee</u>
Task 1	Phase 3C: 100% Construction Documents	81	\$15,585.06

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<b>Subtotal TSF Labor Hours</b>	<b>81</b>	
<b>Subtotal TSF Labor Fee</b>		<b>\$15,585.06</b>

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<b>Total Project Fee</b>	<b>\$15,585.06</b>
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Switchgear Replacement - Phase 2 (Pkg 2B)

		HOURS										HOURS	TOTAL COST (\$)
		Principal	Associate Principal	Director	Senior Project Specialist	Chief Cost Specialist	Senior Cost Specialist	Project Analyst III	Cost Analyst II	Admin Specialist	Project Analyst I		
	Billing Rate	\$315.87	\$249.81	\$231.56	\$221.88	\$210.48	\$180.99	\$125.09	\$115.01	\$97.22	\$86.69		
<b>Task 1</b>	<b>Phase 3C: 100% Construction Documents</b>												
1.1	Split Prior Deliverable												
	Cost Estimate												
1.6	Rough Order of Magnitude (ROM) Opinion of Probable Cons												
	Design Team ROM												
	Cost Estimate												
	Draft Development			2.00	2.00	16.00	32.00			1.00		53	
	Final Development					4.00	8.00					12	
	CMAR ROM												
	Cost Estimate					8.00	8.00					16	
	Fire Alarm												
	<b>Task Total</b>	-	-	2.00	2.00					1.00	-	81	
<b>TOTAL FOR ALL TASKS (Connico)</b>		-	-	2	2					1	-	81	

**EXHIBIT A-2 – Task I-25-PBI-R-048 New ARFF – Construction Administration Services**

# ***New ARFF Facility: Updated Construction Administration Services***

Version 2.0

December 15, 2025

Palm Beach County (PBC) Department of Airports (DOA)

West Palm Beach, FL

Task Authorization No. I-25-PBI-R-048

RS&H Project No.: 2006-3101-048

Prepared by RS&H, Inc. at the  
direction of PBC DOA.

**RS&H**

## I PROJECT DESCRIPTION

The Airport has requested that RS&H (Consultant) under the Agreement with RS&H for Airport Facilities and System Consulting Services for Palm Beach County Department of Airports Project No. DOA 18-2A provide a scope and fee for Construction Administration (CA) Services for the New PBI ARFF Facility at Palm Beach International Airport (Project).

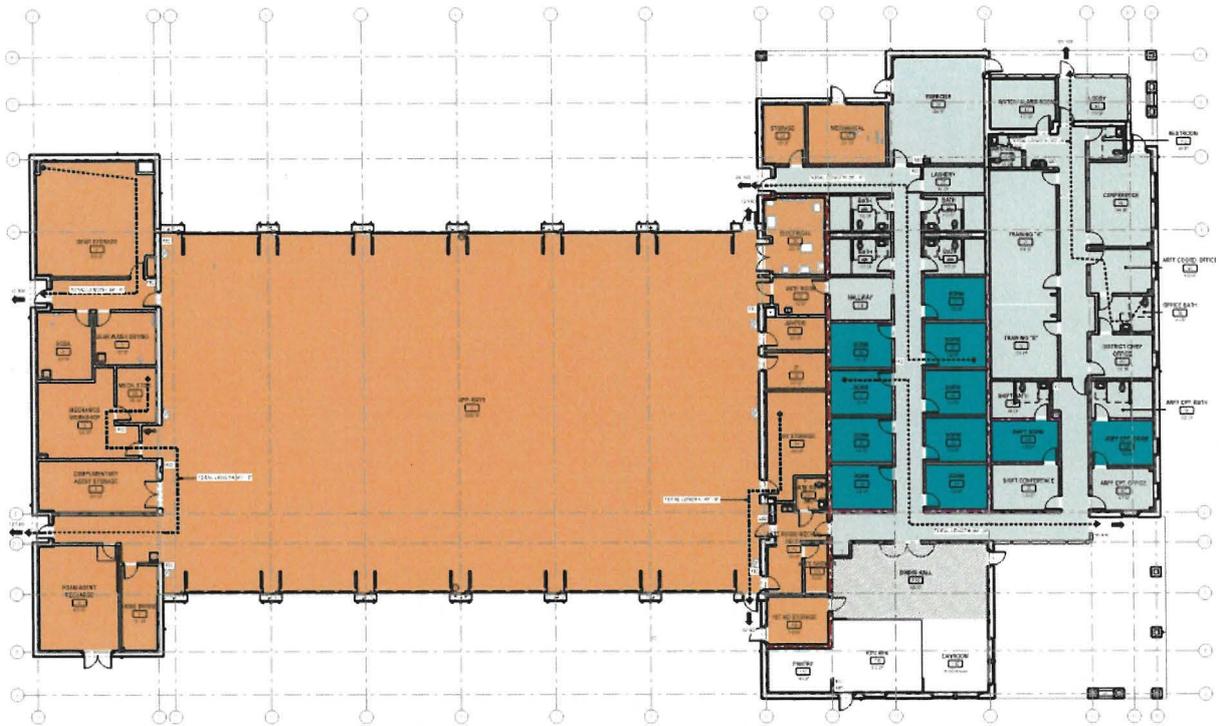
The following professional disciplines/services/specialties are expected to play a significant role in the development of the Project:

- » Project Management
- » Civil Engineering (Airfield) CA
- » Civil Engineering (Landside) CA
- » Civil Utility (Water and Sanitary) Engineering CA
- » Landscape Architecture CA
- » Architecture / Life Safety CA
- » Structural Engineering CA
- » Mechanical Engineering CA
- » Plumbing Engineering CA
- » Fire Protection Engineering CA
- » Electrical Engineering CA
  - Lighting
  - Power
  - Lightning Protection
- » Low Voltage Systems CA
  - Communication Systems
  - Security (Access Control, Video Surveillance)
  - Addressable Fire Alarm
  - Public Address (Voice Evacuation)

The Consultant design team is made up of the following professionals:

<u>Consultant/Subconsultant</u>	<u>Involvement</u>
RS&H, Inc.	Civil (Airfield), Architecture/Life Safety, Mechanical, Electrical, Plumbing, Fire Protection, Low Voltage, Project Management
Keith and Associates, Inc.	Civil Utility (Water and Sanitary), Landscape
CRJ & Associates, Inc.	Civil (Landside), Drainage
Master Consulting Engineers, Inc.	Structural
Tierra South Florida	Material Testing (Quality Assurance Testing)

FIGURE 1: LIFE SAFETY PLAN



This proposal is to provide Construction Administration and Partial RPR Services to support the Construction phases of the new PBI ARFF Facility project.

## II PROJECT TASKS

### TASK 1 CONSTRUCTION ADMINISTRATION SERVICES

#### Task 1.1 Pre-Construction/Pre-Bid Conference

The Consultant shall attend one (1) pre-construction conference meeting at the Airport. The CMAR will prepare the Pre-Construction Meeting agenda and meeting minutes and distribute the minutes to appropriate parties.

The following disciplines/individuals will be on-site from the Consultant team:

- » Project Manager
- » Architect
- » Civil Engineer – Airfield
- » Civil Engineer – Landside

- » Civil Engineer – Utility
- » Structural Engineer
- » Mechanical Engineer
- » Plumbing Engineer
- » Electrical Engineer

The following disciplines/individuals will be remote participating via TEAMS or another virtual program from the Consultant Team:

- » Low Voltage Engineer
- » Landscape Architect
- » Fire Protection Engineer

### **Task 1.2 RFI / Submittal Review**

The consultant shall review and respond to Request for Information (RFI's), shop drawings, samples, and other submissions furnished by the CMAR and submitted to the Consultant. The Consultant shall review and approve as required. The Consultant will utilize Newforma for tracking, reviewing, and responding to RFIs and submittals.

Proposal is based on an estimated maximum of (105) one-hundred five RFI's. The RFI's will be split between site and buildings, with (25) twenty-five for site and (80) eighty RFI's for buildings.

- » Site RFIs – (15) fifteen RS&H / (5) five Keith / (5) five CRJ
- » Building RFI's – (65) sixty-five RS&H / (15) fifteen MCE

Proposal is based on a maximum of (220) two-hundred twenty submittals and (70) re-submittals split as follows: (40) forty site-submittals, (180) one-hundred eighty building Submittals, (10) ten site re-submittals, and (60) sixty building re-submittals. Submittal review will be limited to the initial review and a single resubmittal. Any submittal reviews beyond two is excluded.

- » Site Submittals – (20) twenty RS&H / (10) ten Keith / (10) ten CRJ
- » Building Submittals – (165) one-hundred sixty-five RS&H / (15) fifteen MCE
  
- » Site Re-Submittals – (7) seven RS&H / (3) three CRJ
- » Building Re-Submittals – (55) fifty-five RS&H / (5) five MCE

**Task 1.3 Construction Meetings**

Members of the Consultant Team shall participate in bi-weekly construction coordination meetings until the contractor has mobilized, approximately (2) two months. Each meeting is anticipated to be (1) one hour.

- » Pre-Mobilization: (4) four meetings total
  - o (4) Meetings – The Consultant will participate via TEAMS or another virtual program.
  - o The following individuals will be present from the Consultant team, for the number of meetings indicated
    - Project Manager - (4) four meetings
    - Project Architect - (4) four meetings
    - Landscape Architect - (1) one meeting
    - Civil Engineer – Airfield - (4) four meetings
    - Civil Engineer – Landside - (1) one meeting
    - Civil Engineer – Utility - (1) one meeting
    - Structural Engineer - (1) one meeting
    - Mechanical Engineer - (2) two meetings
    - Plumbing Engineer - (1) one meeting
    - Fire Protection Engineer - (1) one meeting
    - Electrical Engineer - (2) two meetings
    - Low Voltage Engineer - (1) one meeting

The CMAR shall conduct the meetings, prepare agendas, and provide the meeting minutes.

Once the Contractor has mobilized and is on-site, members of the Consultant Team shall participate in bi-weekly construction coordination meetings remotely via TEAMS or another virtual program, (34) thirty-four meetings (approximately (17) seventeen months). Each meeting is anticipated to be (1) one hour.

- » Post-Mobilization: (34) thirty-four meetings total
  - o Remote: The following disciplines / individuals will participate via TEAMS or another virtual program from the Consultant for the number of meeting indicated.
    - Project Manager - (34) thirty-four meetings
    - Senior Project Architect - (34) thirty-four meetings
    - Civil Engineer – Airfield - (22) twenty-two meetings
    - Civil Engineer – Landside - (22) twenty-two meetings
    - Civil Engineer – Utility - (34) thirty-four meetings
    - Structural Engineer - (34) thirty-four meetings
    - Mechanical / Plumbing - (34) thirty-four meetings

- Fire Protection Engineer – (34) thirty-four meetings
- Electrical / Fire Alarm – (34) thirty-four meetings
- Low Voltage Engineer – (34) thirty-four meetings

The CMAR shall conduct the meetings, prepare agendas and provide the meeting minutes.

#### **Task 1.4 Construction Progress Site Visits**

The Consultant will conduct construction progress site visits as follows and a written observation report, documenting the findings of the site visit will be provided for each site visit. The number of trips averages to (1) one per month for the duration of the expected construction that each discipline will be actively involved.

- » Project Manager – (17) seventeen site visits
- » Project Architect – (12) twelve site visits
- » Landscape Architect – (2) two site visits
- » Civil Engineer – Airfield – (12) twelve site visits
- » Civil Engineer – Landside – (3) three site visits
- » Civil Engineer – Utility – (2) two site visits
- » Structural Engineer – (6) six site visits
- » Mechanical Engineer – (6) six site visits
- » Plumbing Engineer – (6) six site visits
- » Fire Protection Engineer – (2) two site visits
- » Electrical Engineer – (2) two site visits
- » Low Voltage Engineer – (1) one site visit

#### **Task 1.5 Project Revisions**

The Consultant will prepare documentation to issue Field Instructions and Field Bulletins (as required by unforeseen existing / field conditions or as required by responses to RFI's / submittal reviews) with the approval of the Airport.

Proposal is based on a maximum of (8) eight site and (12) twelve building Field Instructions and/or Field Bulletins due to unforeseen conditions.

- » Site Field Instruction / Field Bulletins – (5) five RS&H / (1) one CRJ / (2) two Keith
- » Building Field Instruction / Field Bulletins – (10) ten RS&H / (2) two MCE

**Task 1.6 Change Orders Request Review (COR's)**

The Consultant shall evaluate Contractor request for change orders and provide recommendation of acceptance to DOA or provide requests for revisions and/or clarifications of submitted documentation to DOA / CMAR. This task limited to direct cost review of CMAR Subcontractor's only.

The Consultant shall act as interpreter of the terms and conditions of the contract documents and judge of the performance thereunder by the parties thereto and make decisions on claims of the contractor relating to the execution and progress of the work and other matters and questions related thereto.

Proposal is based on a maximum of (5) five building and (3) three site COR's reviews. Time per review is initial review and

- » Site Change Order Reviews – (2) two RS&H / (1) one Keith
- » Building Change Order Reviews – (4) four RS&H / (1) one MCE

**Task 1.7 CMAR Baseline Schedule & Time Impact Analysis Reviews**

Excluded.

**Task 1.8 Change Order (DRAFT) Development**

Excluded.

**Task 1.9 Substantial Completion Observation and Punchlist**

The Consultant shall perform, together with the Airport's authorized representative(s), a substantial completion observation of the project at each phase of the Project to determine if the project has been completed in accordance with the contract documents so that the Consultant may recommend approval to Airport if applicable, in writing, the issuance of a Certificate of Substantial Completion for each phase (ie Partial Certificate of Substantial Completion). The Consultant shall prepare a punchlist of items that must be completed or that are deficient. The CMAR shall submit phase punchlist to the Consultant prior to observation. There are anticipated to be (3) three phases to the project for site and (1) one phase for the building. Proposal also includes (1) additional site trip for Civil (Airfield and Utility) per phase for site due to any additional micro phasing needing.

The following disciplines/individuals will be present from the Consultant team at each Phase's Substantial Completion Observation:

- » Senior Project Architect – (1)

- » Civil Engineer – Airfield – (4)
- » Civil Engineer – Landside – (2)
- » Civil Engineer - Utility – (2)
- » Structural Engineer – (1)
- » Mechanical / Plumbing – (1)
- » Fire Protection Engineer – (1)
- » Electrical / Fire Alarm Engineer – (1)
- » Low Voltage Engineer – (1)
- » Landscape Architect – (2)

#### **Task 1.10 Final Observation**

The Consultant shall perform, together with the Airport's authorized representative(s), a final observation of the project. The Consultant confirm acceptable completion of punchlist of Task 1.10, and if the CMAR has fulfilled all obligations thereunder so that the Consultant may recommend approval to Airport final payment to the CMAR for each phase. There are anticipated to be (3) three phases to the project for site and (1) one phase for the building. Proposal also includes (1) additional site trip for Civil (Airfield and Utility) per phase for site due to any additional micro phasing needing.

The following disciplines/individuals will be present from the Consultant team at each Final Observation:

- » Senior Project Architect – (1)
- » Civil Engineer – Airfield – (4)
- » Civil Engineer – Landside – (2)
- » Civil Engineer – Utilities – (2)
- » Mechanical / Plumbing (1)
- » Fire Protection Engineer – (1)
- » Electrical / Fire Alarm Engineer – (1)
- » Landscape Architect – (1)

#### **Task 1.11 Material Testing**

The Consultant shall perform Quality Assurance (QA) material testing services in accordance with the Project Manual and be completed by Tierra South Florida. Reports will be provided to Owner and Contractor.

**Task 1.12 Short Circuit, Device Coordination & Arc Flash Analysis**

Consultant's Electrical Engineer will update the existing Short Circuit, Device Coordination & Arc Flash Study pertaining to the electrical equipment added, removed and/or modified as part of the Project. The scope shall include

- » Updating the existing power system model in SKM Power Tools for Windows
- » Re-run the Short Circuit, Device Coordination and Arc Flash Calculations
- » Updating one-lines, written report and tabular data
- » Develop arc flash labels on new/modified equipment

**Task 1.13 Pay Application Reviews**

Excluded.

**Task 1.14 Electrical Shutdown Coordination Efforts**

The Consultant's PM will attend up to (2) 1-hour virtual meetings for shutdown coordination. The Electrical Engineer will attend for up to (12) hours of shutdown coordination site visits and meetings that will be attended either virtually, teleconference or on-site.

**Task 1.15 Revit Model / CAD**

The Consultant Design Team will provide a Revit design model (modeled elements only) and CAD files of drawings for the CMAR. The level of detail (LOD) will be 300 and shall not be utilized or interpreted as a fabrication model. The Consultant Design Team assumes the CMAR will be fully responsible for complete coordination between the trades.

**Task 1.16 Commissioning of HVAC and Emergency Power System**

Consultant (RS&H) will be commissioning the systems. As the owner-selected agent, RS&H shall provide the commissioning services for the installed HVAC equipment, domestic hot water, emergency power generator, and fuel pump/control within the scope of work. Commissioning plan, pre-functional, functional, and controls testing will be provided.

**Task 1.17 Project Management**

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the Consultant team's efforts including assembly and coordination of all documentation.

## TASK 2 PROJECT CLOSEOUT

Project closeout includes the preparation of the record documents, final BIM models, and final invoicing.

### Task 2.1 Record Documents

The Consultant shall obtain red-line as-built drawings from Construction Contractor and prepare "Record Drawings", which shall become the property of the Airport corrected to show significant changes made in the work during the construction of the project. Such corrections shall be the "as-built" prints, drawings, field sketches and other data furnished to the Consultant by the Airport and the contractor, and any amendments issued during construction.

- » Electronic updated drawings (.pdf)
- » Electronic updated specifications (.pdf)
- » Electronic updated drawings (CAD)
- » Revit model (L300)

### Task 2.2 Warranty Period Inspection

The Consultant shall conduct an on-site observation of the Project prior to the expiration of any electrical and mechanical warranty period and advise the Owner (via report) of recommended action, if any, to be taken under the terms of any warranty. The project will include one (1) eleven-month electrical and mechanical equipment warranty inspection.

The following disciplines/individuals will be present from the Consultant team to complete the warranty inspections:

- » Electrical / Fire Alarm Engineer – (1)
- » Mechanical / Plumbing – (1)
- » Fire Protection Engineer – (1)
- » Site Apron Inspection – (1)

### Task 2.3 Project Management and Discipline Coordination

Consultant will oversee scheduling, resource allocation, monitoring, oversight, direction, and control for all aspects of the team's efforts including assembly and coordination of all documentation.

The Consultant will issue monthly progress reports with each invoice to the Airport project manager during this portion of the project.

### TASK 3 PARTIAL RESIDENT PROJECT REPRESENTATIVE (RPR) SERVICES

#### Task 3.1 Partial RPR Services – Building & Site

Excluded.

### III DELIVERABLES

The following deliverables will be submitted as part of this proposal:

Task #	Title	Information Included	Format
1.4	Construction Progress report	Construction Observation	.pdf
1.6	Change Order Request (COR) review	Recommendation of COR approval	.pdf
1.9	Substantial Completion Observation	Punchlist	.pdf
1.10	Final Observation	Recommendation of approval	.pdf
1.11	Material Testing	Report	
1.16	Commissioning of HVAC and Emergency power systems	Commissioning plan, pre-functional, functional, and controls testing	.pdf
2.1	Record Documents	Drawings, Specifications, Revit Model, CAD files	.pdf, CAD
2.2	Warranty Period Inspection	Report	.pdf

### IV PROPOSED PROJECT SCHEDULE

See CMAR's proposed Schedule, Attachment A.

### V ASSUMPTIONS AND EXCLUSIONS

The following items are excluded from this Scope of Work unless otherwise noted:

- » Design changes other than requested by AHJ
- » RPR Services
- » Change Order Development
- » Payment Application review
- » RS&H will only perform services/work related in any way to PFAS chemicals or substances possibly containing PFAS chemicals (including but not limited to sampling, handling and remediating) to the extent the Palm Beach County Department of Airports specifically directs, in writing, RS&H to perform such services/work, and RS&H shall not be liable for the nonperformance of such services/work.

### VI PROFESSIONAL SERVICES FEE AND FEE TYPE

The Consultant will provide for a Fixed Lump Sum Fee as shown below. See Attachment for a breakdown of costs.

Lump Sum Fee (Tasks 1+2) = \$ 1,007,567.57  
Maximum Fee, Not-to-Exceed (Expenses) = \$ 89,926.00

**Total Project Fee = \$ 1,097,493.57**

Should scope items/activities/efforts/durations be modified at the request of the Airport or need to be adjusted based on construction scheduling, the Consultant Team will need to modify the fee to accommodate the changes. Such changes will be compensated through an amendment (through Additional Services requested by the Consultant) to the Task Order or similar vehicle. Effort, fee, and schedule adjustments resulting from a change in scope will be assessed and approved by the Airport prior to the execution of the change.

## ATTACHMENT A: FEE BREAKDOWN

## ATTACHMENT B: SUBCONSULTANT PROPOSALS

New ARFF Facility: Construction Administration Services

<u>Task</u>	<u>Description</u>	<u>Hours</u>	<u>Fee (Lump Sum)</u>	<u>Fee (NTE)</u>
1	Construction Administration Services	3,663	\$ 683,389.94	\$ -
2	Project Closeout	278	\$ 50,532.34	\$ -
<b>Subtotal RS&amp;H Labor Hours</b>		<b>3,941</b>		
<b>Subtotal RS&amp;H Labor Fee</b>			<b>\$ 733,922.28</b>	<b>\$ -</b>
<u>Subconsultants</u>				
	Keith - Task 1, 2		\$ 140,880.00	\$ -
	CRJ & Associates, Inc.		\$ 105,205.34	\$ -
	MCE		\$ 27,559.95	\$ -
	Tierra South Florida		\$ -	\$ 50,085.00
<b>Subtotal Subconsultant Fee</b>			<b>\$ 273,645.29</b>	<b>\$ 50,085.00</b>
<u>Expenses</u>				
	RS&H			
	Travel (Task 1, 2)		\$ -	\$ 34,341.00
	Other		\$ -	\$ 3,000.00
	Subconsultants			
	Keith		\$ -	\$ 2,500.00
	CRJ & Associates, Inc.		\$ -	\$ -
	MCE		\$ -	\$ -
	TSFGeo		\$ -	\$ -
<b>Subtotal Expenses</b>			<b>\$ -</b>	<b>\$ 39,841.00</b>
Sub Total Project Fee			\$ 1,007,567.57	\$ 89,926.00
<b>Total Project Fee</b>			<b>\$ 1,097,493.57</b>	

New ARFF Facility: Construction Administration Services		HOURS										HOURS	TOTAL COST (\$)
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer	Senior Technician / Designer	Administrative Assistant		
Burdened hourly rate		\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$122.97	\$63.27		
<b>Task 1 Construction Administration Services</b>													
1.1	Pre-Construction Conference											-	\$0.00
	PM		4									4	\$1,203.20
	Architecture			4								4	\$1,028.68
	Civil - Airfield						4					4	\$1,033.88
	Mechanical						12					12	\$3,101.64
	Plumbing							12				12	\$1,905.96
	Fire Protection						2					2	\$516.94
	Electrical						4					4	\$1,033.88
	Low Voltage							2				2	\$317.66
1.2	RFI Review											-	\$0.00
	PM		48									48	\$14,438.40
	Architecture			40		80						120	\$17,426.80
	Civil - Airfield						30		40			70	\$11,798.50
	Mechanical						30		60			90	\$13,820.70
	Plumbing						20	40				60	\$11,522.60
	Fire Protection						5					5	\$1,292.35
	Electrical						10		40			50	\$6,629.10
	Low Voltage						5	15				20	\$3,674.80
	Submittal Review											-	\$0.00
	PM		65									65	\$19,552.00
	Architecture			64		138						202	\$28,775.38
	Civil - Airfield						40		40			80	\$14,383.20
	Mechanical						60		120			180	\$27,641.40
	Plumbing						30	60				90	\$17,283.90
	Fire Protection						30					30	\$7,754.10
	Electrical						60		80			140	\$23,597.00
	Low Voltage						30	60				90	\$17,283.90
	Submittal Re-Review											-	\$0.00
	PM		20									20	\$6,016.00
	Architecture			20		40						60	\$8,713.40
	Civil - Airfield						8		16			24	\$3,685.52
	Mechanical						20		40			60	\$9,213.80
	Plumbing						16	32				48	\$9,218.08
	Fire Protection						8					8	\$2,067.76
	Electrical						8		24			32	\$4,494.40
	Low Voltage							8				8	\$1,270.64
1.3	Construction Progress Meetings											-	\$0.00
	Pre-Mobilization											-	\$0.00
	PM		4									4	\$1,203.20
	Architecture			4		4						8	\$1,385.68
	Civil - Airfield						4		4			8	\$1,438.32
	Mechanical						2		2			4	\$719.16
	Plumbing							1	1			2	\$259.94
	Fire Protection						1					1	\$258.47
	Electrical						2		2			4	\$719.16
	Low Voltage							1	1			2	\$259.94

New ARFF Facility: Construction Administration Services		HOURS									HOURS	TOTAL COST (\$)	
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer	Senior Technician / Designer			Administrative Assistant
Burdened hourly rate		\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$122.97	\$63.27		
		Post Mobilization										-	\$0.00
		Remote										-	\$0.00
		PM	34									34	\$10,227.20
		Architecture		34		34						68	\$11,778.28
		Civil - Airfield					22					22	\$5,686.34
		Mechanical					34					34	\$8,787.98
		Plumbing						34				34	\$5,400.22
		Fire Protection					34					34	\$8,787.98
		Electrical					34		34			68	\$12,225.72
		Low Voltage						34				34	\$5,400.22
1.4		Construction Progress Site Visits										-	\$0.00
		PM	68									68	\$20,454.40
		Architecture		72		72						144	\$24,942.24
		Civil - Airfield					48		48			96	\$17,259.84
		Mechanical					72					72	\$18,609.84
		Plumbing						72				72	\$11,435.76
		Fire Protection					24					24	\$6,203.28
		Electrical					8		24			32	\$4,494.40
		Low Voltage					16	16				32	\$6,676.80
1.5		Project Revisions										-	\$0.00
		PM	8									8	\$2,406.40
		Architecture		12		40						52	\$6,656.04
		Civil - Airfield					20		48			68	\$10,022.68
		Mechanical					10		32			42	\$5,820.22
		Plumbing					10	24				34	\$6,396.62
		Fire Protection					10					10	\$2,584.70
		Electrical					10	24	24			58	\$8,823.26
		Low Voltage					4	16				20	\$3,575.16
1.6		Request for Change Orders										-	\$0.00
		PM	8									8	\$2,406.40
		Architecture		8		12						20	\$3,128.36
		Civil - Airfield					12		24			36	\$5,528.28
		Mechanical					12		12			24	\$4,314.96
		Plumbing					8	10				18	\$3,656.06
		Fire Protection					2					2	\$516.94
		Electrical					12		12			24	\$4,314.96
		Low Voltage						12				12	\$1,905.96
1.7		CMAR Baseline Schedule & Time Impact Analysis review										-	\$0.00
1.8		Change Order (Draft) Development										-	\$0.00
1.9		Substantial Completion Observation and Punchlist										-	\$0.00
		PM	12									12	\$3,609.60
		Architecture		12		12						24	\$4,157.04
		Civil - Airfield					24		24			48	\$8,629.92
		Mechanical					12					12	\$3,101.64
		Plumbing						12				12	\$1,905.96
		Fire Protection					12						
		Electrical					8		12			20	\$3,281.08
		Low Voltage					24	8				32	\$7,473.92
1.10		Final Observation										-	\$0.00
		PM	8									8	\$2,406.40
		Architecture		8		8						16	\$2,771.36
		Civil - Airfield					12		12			24	\$4,314.96

New ARFF Facility: Construction Administration Services		HOURS									HOURS	TOTAL COST (\$)		
		Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer	Senior Technician / Designer			Administrative Assistant	
		Burdened hourly rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$122.97	\$63.27		
		Mechanical						12					12	\$3,101.64
		Plumbing							12				12	\$1,905.96
		Fire Protection											12	\$3,101.64
		Electrical						8					8	\$2,067.76
		Low Voltage											-	\$0.00
1.11		Material Testing											-	\$0.00
		PM		6									6	\$1,804.80
1.12		Short Circuit, Device Coordination & Arc Flash Analysis											-	\$0.00
		PM		4									4	\$1,203.20
		Electrical						16					16	\$4,135.52
4.43		Pay Application Review											-	\$0.00
1.14		Electrical Shutdown Coordination Efforts											-	\$0.00
		PM		4									4	\$1,203.20
		Electrical						4		10			14	\$2,044.98
1.15		Revit Model/CAD											-	\$0.00
		PM		6									6	\$1,804.80
		Architecture			8		40						48	\$5,627.36
		Civil - Airfield						2		8			10	\$1,325.82
		Mechanical						2		16			18	\$2,134.70
		Plumbing						2	8				10	\$1,787.58
		Fire Protection						8					8	\$2,067.76
		Electrical						2	8				10	\$1,787.58
		Low Voltage							8				8	\$1,270.64
		BIM									12		12	\$1,475.64
1.16		Commissioning of HVAC and Emergency power systems											-	\$0.00
		PM		8									8	\$2,406.40
		Mechanical						80	120				200	\$39,737.20
1.17		Project Management											-	\$0.00
		PM	4	30								14	48	\$11,376.94
		<b>Task Total</b>	<b>4</b>	<b>337</b>	<b>286</b>	<b>-</b>	<b>480</b>	<b>1,083</b>	<b>649</b>	<b>810</b>	<b>12</b>	<b>14</b>	<b>3,663</b>	<b>\$683,389.94</b>
<b>Task 2</b>		<b>Project Closeout</b>												
2.1		Record Documents											-	\$0.00
		PM		8									8	\$2,406.40
		Architecture			8		40						48	\$5,627.36
		Civil - Airfield						4		10			14	\$2,044.98
		Mechanical						8		10			18	\$3,078.86
		Plumbing						8		10			18	\$3,078.86
		Fire Protection						8		8			16	\$2,876.64
		Electrical						8		10			18	\$3,078.86
		Low Voltage						8	40				48	\$8,420.96
		BIM									12		12	\$1,475.64
2.2		Warranty Period Inspection											-	\$0.00
		PM		8									8	\$2,406.40
		Civil - Airfield						8					8	\$2,067.76
		Mechanical						12					12	\$3,101.64
		Electrical						8					8	\$2,067.76
		Fire Protection						12					12	\$3,101.64
2.3		Project Management and Project Coordination											-	\$0.00
		PM		16								14	30	\$5,698.58
		<b>Task Total</b>	<b>-</b>	<b>32</b>	<b>8</b>	<b>-</b>	<b>40</b>	<b>84</b>	<b>40</b>	<b>48</b>	<b>12</b>	<b>14</b>	<b>278</b>	<b>\$50,532.34</b>

New ARFF Facility: Construction Administration Services	HOURS										HOURS	TOTAL COST (\$)
	Principal	Senior Project Manager	Senior Architect	Architect	Intern Architect	Senior Engineer	Engineer	Intern Engineer	Senior Technician / Designer	Administrativ e Assistant		
Burdened hourly rate	\$366.79	\$300.80	\$257.17	\$131.92	\$89.25	\$258.47	\$158.83	\$101.11	\$122.97	\$63.27		
<b>TOTAL FOR ALL TASKS (RS&amp;H)</b>	<b>4</b>	<b>369</b>	<b>294</b>	<b>-</b>	<b>520</b>	<b>1,167</b>	<b>689</b>	<b>858</b>	<b>24</b>	<b>28</b>	<b>3,941</b>	<b>\$733,922.28</b>



**CRJ & Associates, Inc.**  
*Consulting Engineers and Planners*

2699 Stirling Road, Suite B-201  
 Fort Lauderdale, Florida 33312  
 954.239.4330 Tel  
[www.crjassociates.com](http://www.crjassociates.com)

Tuesday, November 18, 2025

RS&H  
 3125 W Commercial Blvd. Suite 130  
 Fort Lauderdale, FL 33309  
 [P] (954) 236-7391  
 [C] (813) 263-9232  
 [E] [Martha.Carvalho@rsandh.com](mailto:Martha.Carvalho@rsandh.com)

**RE: Subconsultant Letter Proposal**  
**New ARFF Facility: Updated Construction Administration & RPR Services**  
**Task Authorization No. I-25-PBI-R-048/ RS&H Project No.: 2006-3101-048**  
**Landside Civil and Stormwater & Permitting Engineering, CA Services**

Ms. Martha Carvalho:

CRJ & Associates, Inc. (CRJ) received your request for Construction Administration (CA) Services via email on Wed 10/22/2025, and your firm’s request for CRJ’s Scope and Fee Proposal to be independently formatted per email, today, Tue 11/18/2025. The request was to present on CRJ letterhead and under my signature. CRJ has reviewed the contents of the RS&H Scope for CA Services and we will be participating in the following:

Task 1.1 Pre-Construction/Pre-Bid Conference	Task 1.9 Substantial Completion Observation and Punchlist
Task 1.2 RFI / Submittal Review	Task 1.10 Final Observation
Task 1.3 Construction Meetings	Task 2.1 Record Documents
Task 1.4 Construction Progress Site Visits	Task 2.1.A SFWMD ERP Individual Permit No. 50-108381-P
Task 1.5 Project Revisions	Task 2.1.B O&M Manual for perpetual operations (AH Vol. I Sec. 12)

Tasks 2.1.A and 2.1.B need to be understood by all stakeholders due to the implementation of the FDEP and SFWMD Rules which took effect on June 28, 2025 and signed by the Governor. Stakeholders need to be aware that the Project’s ERP Permit was issued on March 14, 2023 while the new regulations, rules and laws were underway, but not finalized.

If you have any questions or concerns regarding this proposal, please do not hesitate to contact me via email or mobile (954) 650-5335. CRJ looks forward to the new ARRF at PBIA.

Sincerely,  
**CRJ & ASSOCIATES, INC.**

Marc A. Fermanian, MSCE, P.E. – President  
 Professional Engineer #52626

Attachment:  
 SUB-CONSULTANT FEES - Landside Civil and Stormwater & Permitting Engineering, CA Services

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Palm Beach International Airport; New Airfield Rescue and Fire Fighting Facility (ARFF) Task No. I-25-PBI-R-048  
 Landside Civil and Stormwater & Permitting Engineering, CA Services



**New ARFF Facility: Updated Construction Administration & RPR Services**

Task Authorization No. I-25-PBI-R-048 / RS&H Project No.: 2006-3101-048

Prepared by CRJ & ASSOCIATES, INC.

		HOURS					HOURS	TOTAL COST (\$)
		Principal	Project Engineer	Engineer Inspector	CADD Technician	Clerical		
		\$225.14	\$169.13	\$141.00	\$138.07	\$79.82		
<b>Task 1</b>								
<b>Construction Administration Services</b>								
1.1	<b>Pre-construction/Pre-Bid Conference</b>							
	<i>Civil- Landside</i>	6	4				10 \$2,027.36	
1.2	<b>RFI/Submittal Review</b>							
	<i>Site RFIs</i>	4	40		40		84 \$13,188.56	
	<i>Site Submittals</i>	4	40			20	64 \$9,262.16	
	<i>Site Re-submittals</i>	2	20			10	32 \$4,631.08	
1.3	<b>Construction Meetings</b>							
	<i>Pre-mobilization- Civil Landside</i>	2					2 \$450.28	
	<i>Post-mobilization- Civil Landside</i>	24			24		48 \$8,717.04	
1.4	<b>Construction Progress Site Visits</b>							
	<i>Civil- Landside</i>			48		24	72 \$8,683.68	
1.5	<b>Project Revisions</b>							
	<i>Civil- Landside</i>	8	16		32		56 \$8,925.44	
1.9	<b>Substantial Completion Observation and Punchlist</b>							
	<i>Civil- Landside</i>	8	36		40		84 \$13,412.60	
1.10	<b>Final Observation</b>							
	<i>Civil- Landside</i>	4	18		20		42 \$6,706.30	
<b>Task 2</b>	<b>Project Closeout</b>							
2.1	<b>Record Documents</b>							
	<i>Civil- Landside</i>	4	32		60		96 \$14,596.92	
A	<b>SFWMD ERP Individual Permit No. 50-108381-P</b>							
	<i>Civil- Landside</i>	2	4		16		22 \$3,335.92	
B	<b>O&amp;M Manual for perpetual operations (AH Vol. I Sec. 12)</b>							
	<i>Civil- Landside</i>	20	40				\$11,268.00	
<b>TOTAL FOR ALL TASKS</b>		<b>88</b>	<b>250</b>	<b>48</b>	<b>232</b>	<b>54</b>	<b>612 \$105,205.34</b>	

**SITE WORK TO BEGIN ON 03/16/2026**

Pre-Construction Conference at PBI: 1-Meeting. CRJ TO SUBMIT THE SFWMD CONSTRUCTION COMMENCEMENT NOTICE (CCN) Form 62-330.350(1)

Scope anticipates 5 RFIs for CRJ throughout the 17-months of construction

Scope anticipates 10 Shop Drawings for CRJ for the Project

Scope anticipates 3 Revisions to Shop Drawings for CRJ for the Project

Scope anticipates 2-month duration for Pre-Mobilization, Bi-Weekly Meetings (4 Meetings total); CRJ attends 1-meeting, only (virtual meeting).

Scope anticipates a 17-months of construction duration w/ 34-virtual meetings @ 1hr. CRJ to attend 22-virtual meetings @ 1-hr ea.

Scope anticipates a 17-months of construction duration; CRJ allotted 3-site inspections on construction progress.

SITE REPORT with photos required after each site inspection; INCL. Gas and Tolls.

Scope anticipates 1-Revision for UNFORESEEN Condition for CRJ. Potential Modifications to Plans ISSUE REVISIONS to CMAR, NOTE: The shallow HDPE Pipe Sink Hole!

Scope anticipates 2 Site Visits (EOR) for CRJ Substantial Completion and Punch List. Walk-Through and acceptance of Work; Review of As-Builts. START SFWMD CLOSE-OUT.

Scope anticipates 2 Site Visits (EOR) for Final Field Observation to Commence CLOSE-OUT, 1/2 TIME of Task 1.9

Scope requires RECORD DRAWINGS for PBI: Design Drawings, Revisions, As-Builts compiled to RECORD DRAWINGS for Civil-Site Landside / Drainage.

CRJ submit As-Builts and SFWMD As-Built Certification Form 62-330.310(1) - MANDATORY to CLOSE-OUT PERMIT 50-108381-P in SFWMD Reg/Permitting SFWMD Rules Changed on 06/28/2024; and the ERP Reads: Perpetual operation and maintenance of the SWM system will be the responsibility of the Palm Beach County Board Of County Commissioners. O&M Manual MAY BE REQUIRED, ALL RULES GO INTO EFFECT 12/28/2025



## AGREEMENT FOR PROFESSIONAL SERVICES

December 8, 2025

Aaron R Jackson, P.E.  
RS&H, Inc.  
3125 W. Commercial Blvd. Suite 130  
Fort Lauderdale, FL 33309  
Phone: (954) 236 - 7364  
E-mail: Aaron.Jackson@rsandh.com

Project Name: PBI ARFF RPR  
Project Location: Palm Beach International  
Airport  
KEITH Project Number: 10216.20

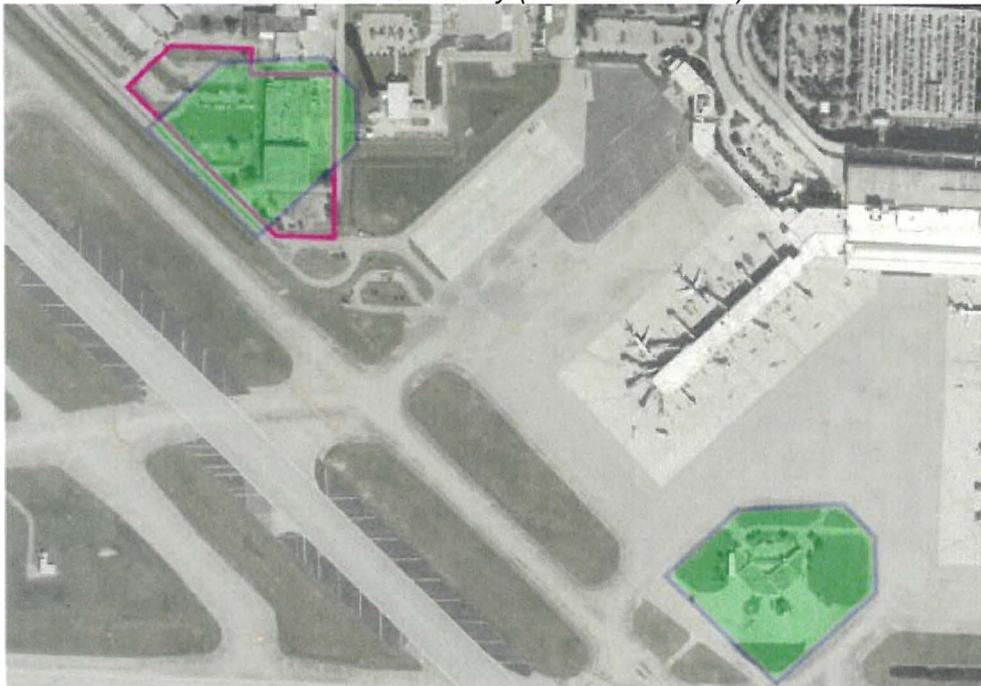
Dear Mr. Jackson:

In accordance with your request and subsequent discussions between members of our association and yourself, this agreement between Keith and Associates, Inc. dba KEITH (CONSULTANT) and RS&H Inc. ("CLIENT") for professional services is submitted for your consideration and approval. The purpose of this Agreement is to outline the scope of services recommended by KEITH and accepted by CLIENT, and to establish the contractual conditions between KEITH and CLIENT with respect to the proposed services.

### PROJECT UNDERSTANDING

The CLIENT has requested that KEITH provide Construction Administration (CA) for KEITH's Landscape Architecture Services and Civil Engineering Services for Civil Utility (Water and Sanitary) related improvements. KEITH will provide these services for the package only under this proposal, which includes Civil Site limits highlighted below.

*Relocation of Existing ARFF Facility (Bordered in blue) to Proposed Location of New ARFF Facility (Bordered in Pink)*



*Civil Utility (Water and Sewer) Package*

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



December 8, 2025 / Page 3 of 6  
PBI ARFF RPR / Proposal #10216.20  
RS&H, Inc.

## PROJECT SCOPE

KEITH will provide the services below to assist the CLIENT and Project Team.

### Survey

- ALTA/NSPS
- Topography
- Boundary
- Tree
- Sketch and Description
- Construction Layout
- Construction As-Built
- Other \_\_\_\_\_

### SUE

- Horizontal Designation
- Location Services
- Utility Mapping
- Records Research
- Other \_\_\_\_\_

### Planning Services

- Due Diligence
- Platting
- Rezoning
- Conditional Use Permit
- Right of Way Vacation
- Site Plan Processing and Coordination
- Site Plan / Project Coordination
- Other \_\_\_\_\_

### Civil Engineering Services

- Paving, Grading and Drainage
- Water Distribution and Sanitary Sewer
- Erosion Control Plan
- Other \_\_\_\_\_

### Transportation Engineering Services

- Major Roadway
- Minor Roadway
- Drainage
- Maintenance of Traffic Plans
- Quality Control
- Other \_\_\_\_\_

### Traffic Engineering Services

- Traffic Impact Study
- Traffic Impact Statement
- Parking Study
- Pavement Marking and Signage
- Signalization
- Roadway Lighting
- Other \_\_\_\_\_

### Landscape Architecture Services

- Hardscape and Paving
- Fine Grading
- Landscape
- Irrigation
- Site Lighting / Photometrics
- Pools or Water Features
- Specialty Features
- Tree Inventory & Analysis
- Amenity Deck(s)
- Other \_\_\_\_\_

### Construction/Program Management Services

- Permitting
- Bidding Assistance
- Building Permit Coordination
- Construction Administration – Civil and Landscape
- Construction Certification – Civil and Landscape

*It is assumed adequate service points already exist on-site or at the abutting site boundary or in the adjacent public right-of-way. No sewage pump station or offsite improvements or extensions, other than service connections, are anticipated under this Proposal.*



December 8, 2025 / Page 4 of 6  
PBI ARFF RPR / Proposal #10216.20  
RS&H, Inc.

## DESCRIPTION OF SERVICES AND DELIVERABLES

### CONSTRUCTION / PROJECT MANAGEMENT SERVICES

#### **Task 1 (801) Construction Administration**

*KEITH will provide construction services to ensure the integrity of the design intent and certify to the CLIENT and other jurisdictional agencies that the construction work has been completed in substantial compliance with the approved documents and permits. Any revisions or deviations to original construction documents, including but not limited to, substitutions and/or unforeseen conditions may impact schedule and will require additional fees. Services included are described as follows and are anticipated to take 21 months to complete.*

#### **Issue Clarifications**

KEITH will issue instructions and revisions of the CLIENT to Contractor(s); issue necessary interpretations and clarifications of the contract documents up to five (5) RFIs, up to two (2) Field Instructions and/or Field Bulletins due to unforeseen conditions, and up to one (1) change orders reviews; have authority, as the CLIENT'S representative to require special inspection or testing of the work; act as initial interpreter of the requirements of the contract documents and judge of the acceptability of the work there under, and make decisions on claims of the CLIENT and contractor(s) relating to the acceptability of the work or the interpretation of the requirements of the contract documents pertaining to the execution and progress of the work.

#### **Shop Drawing Reviews**

KEITH will review required shop drawings, such as samples, product data, plant photos, and calculations, which the selected contractor is required to submit for review in reference to the Civil Water and Sewer design. This review will only be for conformance with the design concept of the project and compliance with the information provided on the design drawings and specifications. Such review will not extend to methods, means, techniques, construction sequence(s) or procedures, or to safety precautions and related programs. KEITH will also determine the acceptability, subject to CLIENT approval, of substitute materials and equipment proposed by contractors. This service includes up to ten (10) site submittal reviews, limited to the initial review and a single resubmittal – additional review(s) will be invoiced based on our Professional Service Fee schedule.

#### **Periodic Site Visits and Construction Observation**

KEITH will visit the Project at intervals appropriate to the various stages of construction, as KEITH deems necessary to observe as an experienced and qualified design professional to review the progress and quality of the various aspects of the contractor's work.

KEITH will attend one (1) Pre-construction Meeting at the project site by the Utility Engineer(s) and remotely the Landscape Architect(s), one (1) pre-mobilization virtual meeting by the Landscape Architect(s) and the Utility Engineer(s), thirty-four (34) post-mobilization virtual meetings by the Utility Engineer(s) (note that Landscape Architect attendance is not included), and two (2) construction progress site visits by the Utility Engineer(s) and Landscape Architect(s).

The Contractor will coordinate through KEITH the scheduling of testing. KEITH will represent the CLIENT in performing periodic observation of construction as necessary to confirm construction is in accordance with the approved plans. It is assumed that the project RPR (by others) will observe the proctors and densities for the bedding and backfill for the proposed water and sewer infrastructure.

KEITH will provide additional construction observations at the request of the CLIENT / Permit agencies due to unforeseen conditions or other circumstances.

Additional construction observation services, Re-tests and failed inspections, will be invoiced on a time and material basis in accordance with KEITH Professional Service Fee schedule (attached).



December 8, 2025 / Page 5 of 6  
PBI ARFF RPR / Proposal #10216.20  
RS&H, Inc.

### **As-Builts Review**

KEITH will review the record drawings (as-builts) to ensure substantial conformance to the permitted plans a maximum of two (2) times. Additional reviews due to non-compliant As-builts submitted by the contractor may impact schedule and will require additional fees. The contractor will be expected to have the as-builts revised in accordance with all comments.

### **Final Inspections**

KEITH's Project Engineer and an Engineering team member two (2 representatives) will participate with the CLIENT, Airport authorized representative(s), and contractor representatives in four (4) semi-final inspections, two (2) for each of the two (2) phases to the project site, for additional partial certifications (prior to final inspection) that may be required for the purpose of determining that the project is substantially complete and participate in the preparation of a written "Punch List" of any defective or deficient items.

Upon notice from the CLIENT, KEITH's Project Engineer, an Engineering team member, and Landscape Architect three (3 representatives in total) will participate in four (4) final inspections, two (2) for each of the three phases to the project site, together with the CLIENT, Airport authorized representative(s), and contractor representatives to verify "Punch List" items are complete, and in substantial conformance to the permitted plans. Additional inspections due to non-compliant Punch List items may impact schedule and will require additional fees. It should be noted that the Landscape Architect will only participate in one (1) final inspection.

Upon satisfactory completion of the final inspection, KEITH will certify the work has been completed in substantial conformance to the permitted plans, subject to any conditions therein expressed.

### **Task 2 (802) Project Closeout**

#### **Final Certification**

KEITH will prepare final certification to all appropriate permitting agencies utilizing record drawings for the design from the survey information supplied by the contractor, or by other means agreed to by both KEITH and CLIENT.

Note: It is the Contractor's responsibility to coordinate through KEITH the scheduling of testing, including hydrostatic pressure tests, bacteriological samples, and density tests. KEITH will represent the CLIENT in performing periodic observation of construction as necessary to confirm construction is in accordance with the approved plans.

The Construction Engineering and Certification for the work is for an anticipated period of two (2) months beyond the construction completion date for certifications.

We anticipate the following items requiring as-built certification:

- Each of two (2) phases for the Water System

Note: Construction-related surveying (stakeout, as-built plans, etc.) and testing (densities, concrete, LBR'S, etc.) services are not included in this Agreement.



December 8, 2025 / Page 6 of 6  
PBI ARFF RPR / Proposal #10216.20  
RS&H, Inc.

**SCHEDULE**

CONSTRUCTION / PROJECT MANAGEMENT SERVICES

Task 1 (801) Construction Administration	21 months*
Task 2 (802) Project Closeout	(Concurrent with Task 801)

*\*Services included are anticipated to take two (2) months of preconstruction activities, seventeen (17) months of construction, two (2) months of certifications, for a total of twenty-one (21) months.*

**COMPENSATION**

CONSTRUCTION ADMINISTRATION SERVICES

Task 1 (801) Construction Administration	\$84,985 (Lump-Sum)
Task 2 (802) Project Closeout	\$55,895 (Lump-Sum)

Reimbursables (including Parking and Printing as needed) \$2,500 (NTE)\*\*

**Total Fee \$143,380**

*\*\*NOTE: The above "(NTE)" project task fees are based on the durations listed in the Project Schedule above. If the Task scheduled durations exceed the estimated time listed in the Project Schedule above, the "(NTE)" fee will increase proportionally. This work will be billed in accordance with KEITH current Professional Service Fee Schedule. If the billing reaches 75% of the estimated fee, an additional contract addendum will be submitted to the CLIENT.*

The CLIENT is required to execute this Addendum and return it to the CONSULTANT prior to commencement of the additional services described herein. All items, terms, and conditions of the original Agreement (as amended to include the scope defined herein) remain unchanged and in full force and effect.

IN WITNESS WHEREOF, CONSULTANT and CLIENT have executed this agreement the day and year indicated below.

As to CONSULTANT  
KEITH

\_\_\_\_\_

Alex Lazowick, PE, PMP, ENV SP  
President/CEO

DATED: \_\_\_\_\_

As to CLIENT  
RS&H, Inc.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

DATED: \_\_\_\_\_



PBI ARFF Construction Administration and RPR - Pkge 2		HOURS						HOURS	TOTAL COST (\$)
		Senior Project Manager	Project Manager III	Engineer III	RPR Inspector III	Senior Landscape Architect	Landscape Designer III		
		\$308.81	\$231.60	\$138.97	\$169.85	\$231.60	\$154.41		
<b>Task 1 Construction Administration Services</b>									
1.1	Pre-construction Conference							-	\$0
	Civil- Utilities		2	2				4	\$741
	Landscape (Remote)					1	1	2	\$386
1.2	1.2.1 RFI Review							-	\$0
	Civil- Utilities		5	10				15	\$2,548
	Landscape						5	5	\$772
	1.2.2 Submittal Review							-	\$0
	Civil- Utilities		20	40				60	\$10,191
	Landscape						20	20	\$3,088
1.3	Construction Progress Meetings							-	\$0
	<b>Pre-Mobilization</b>							-	\$0
	Civil- Utilities - 1 & 4		2	2				4	\$741
	Landscape - 1					2	2	4	\$772
	<b>Post-Mobilization</b>							-	\$0
	Remote							-	\$0
	Civil- Utilities - 34		34	68				102	\$17,324
	Landscape - 0							-	\$0
1.4	Construction Progress Site Visits							-	\$0
	Civil- Utilities - 8		32	32				64	\$11,858
	Landscape - 2					8	8	16	\$3,088
1.5	Project Revisions							-	\$0
	Civil- Utilities - 2 (Field Inst/bulletin)		4	8				12	\$2,038
	Landscape - 0							-	\$0
1.6	Request for Change Orders							-	\$0
	Civil- Utilities - 1		2	2				4	\$741
	Landscape - 0							-	\$0
1.9	Substantial Completion Observation and Punchlist							-	\$0
	Civil- Utilities - 2+1+1		8	16				24	\$4,076
	Landscape - 2+1+1					8	16	24	\$4,323
1.10	Final Observation							-	\$0
	Civil- Utilities - 2+1+1		8	16				24	\$4,076
	Landscape - 1+1					4	8	12	\$2,162
1.13	Pay Application Review							-	\$0
	RPR - Civil - 20		40		40			80	\$16,058
	<b>Task Total</b>	-	157	196	40	23	60	476	\$ 84,985
<b>Task 2 Project Closeout</b>									
2.1	Record Documents							-	\$0
	Civil- Utilities	20	60	200				280	\$47,866
	Landscape					8	40	48	\$8,029
	<b>Task Total</b>	20	60	200	-	8	40	328	\$ 55,895
<b>TOTAL FOR ALL TASKS</b>		20	217	396	40	31	100	804	\$ 140,880



TAMPA, FL  
FT. LAUDERDALE, FL  
ORLANDO, FL  
DESTIN/FWB, FL  
ST. LOUIS, MO



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

October 29, 2025

Ms. Martha Carvallo, R.A.  
Studio Leader, Aviation/Transportation Architecture  
RS&H  
5900 N Andrews Avenue  
Suite 500  
Fort Lauderdale, FL 33309

RE: Palm Beach International Airport – New ARFF Facility (Construction Administration Services)  
846 Palm Beach International Airport, West Palm Beach, Florida 33406

Dear Ms. Carvallo:

Master Consulting Engineers, Inc. (MCE) has been requested to provide Structural Engineering Construction Administration Services for the New Aircraft Rescue and Firefighting (ARFF) Facility at Palm Beach International Airport (PBI).

#### **I. Project Description / Scope of Services:**

Based on the information and drawings provided, the following are MCE's understanding and assumptions of the required tasks for this project:

##### **Task 1 – Construction Administration Services:**

###### **1.1 Pre-Construction / Pre-Bid Conference**

- Attend one (1) Pre-Construction Meeting at Palm Beach International Airport (PBI).
- Provide clarifications on the structural scope and respond to any questions related to framing systems, load paths, and structural specifications.
- Review initial construction sequencing and discuss inspection requirements for major structural activities.

###### **1.2 RFI / Submittal Review**

- Review and respond to up to 15 RFIs and 15 Submittals pertaining to the structural scope, along with up to 5 Re-submittals as part of the review process.
- Verify compliance with contract drawings and project specifications.
- Provide timely responses to maintain construction progress.
- Utilize Newforma (or other PM system) for correspondence tracking and document control.

###### **1.3 Construction Meetings**

- Participate in up to 34 bi-weekly construction meetings via virtual platform (Teams or Zoom), as well as one (1) pre-mobilization meeting prior to the start of construction.

- Coordinate with the CMAR, RS&H, and other design disciplines regarding field conditions and structural clarifications.
- Review outstanding issues and assist in resolution of structural-related coordination items.

#### 1.4 Construction Progress Site Visits

- Perform up to six (6) site observation visits during critical structural construction phases.
- Prepare and submit written site observation reports documenting field conditions, conformance to design intent, and any deficiencies noted.

#### 1.5 Project Revisions

- Review and respond to up to two (2) field-driven revisions, clarifications, or design adjustments (Field Instructions or Field Bulletins) required for coordination with other disciplines.
- Provide supplemental sketches or direction where applicable to maintain the structural design intent.

#### 1.6 Change Order Request Review

- Review up to one (1) structural-related Change Order Request (COR).
- Provide an engineering recommendation to RS&H regarding validity and cost implications.
- Issue written concurrence or comments as required.

#### 1.9 Substantial Completion Observation and Punchlist

- Conduct one (1) structural site visit at Substantial Completion to verify the general conformance of structural work with contract documents.

#### 1.15 Revit Model / CAD Coordination

- Provide limited CAD / Revit support for clarifications or revisions issued during the construction phase.
- Update or annotate record drawings where required to support closeout documentation.

### Task 2 – Project Closeout:

#### 2.1 Record Documents

- Review structural as-built markups for accuracy and consistency with approved field modifications.
- Provide comments and coordination support for final record drawing compilation.
- Deliver all applicable structural correspondence and final reports to RS&H for inclusion in the project closeout package.

There are no additional Construction Administration tasks or structural engineering services included beyond those specifically described herein. Any services outside the scope identified in this proposal, including but not limited to additional site visits, extended meeting participation, unforeseen field investigations, or drawing revisions not resulting from RFIs or approved changes, will be considered additional services and will require prior written authorization before commencement of work.

Any service not included in the Project Description, or Basic Scope of Services, is considered Additional Services and will be billed as per the customary schedule of charges included herein. This project is not a threshold building therefore MCE will not perform periodic visits, only those indicated in the Basic Scope of Services.

**MCE will perform limited site visits to verify the structure is in “General Conformance” with the structural system designed, those Site visits will nor satisfy the requirements of the building departments of some counties,**

**municipalities, or cities, which will require a letter from a “Special Inspector” in accordance with IBC Chapter 17 The “Special Inspector” should certify that the structure of the building has been constructed as per the structural documents.**

**The owner will have the choice to hire MCE to do the inspections or another company. In the case of another company, the Inspector should possess a Florida Engineering license in the discipline of civil engineering with experience in building Structure design, his representative should have experience in the design of structures for projects of similar size and complexity. MCE if requested will provide a proposal for the inspections at the request of the client**

**MCE will not sign off any building that has not been fully inspected from the beginning, it is extremely important that the building department is consulted in this matter and a response in writing is received to avoid problems when the structure is covered.**

**II. Information and Services provided by the Client:**

The Client shall provide the following information and/or services for the performance of the Basic Scope of Services indicated above:

- a) Access to the BIM 360 or equivalent project management platform to allow MCE to review, comment, and upload submittals, RFIs, and other construction documentation.
- b) Timely distribution of RFIs, submittals, and meeting invitations relevant to the structural discipline, including tracking of deadlines for review and response in accordance with the project schedule.
- c) Notification of all scheduled construction meetings, pre-bid meetings, and pre-mobilization sessions, with a minimum of four (4) business days’ notice for scheduling purposes.
- d) Notification at least four (4) days in advance of any site visits, field inspections, or punch list walks requiring MCE’s presence, to allow for adequate scheduling and coordination.
- e) All relevant geotechnical reports, testing results, and inspection data related to structural elements (e.g., concrete testing, soil compaction, steel testing, etc.) shall be provided by the Client or Testing Agency for MCE’s review.
- f) Steel connections (Welds and Bolts) calculations with Steel Shop Drawings Signed and Sealed by a Registered Professional Engineer in the State where the Project is being built, including roof metal deck connection to supporting elements.
- g) Steel Connections testing reports from a testing lab signed and sealed by a Registered Professional Engineer in the State where the project is being built.
- h) Concrete test reports from a testing lab signed and sealed by a Registered Professional Engineer in the State where the project is being built.

**III. Fee:**

MCE proposes to perform the structural engineering Construction Administration services described herein for a lump sum fee of **\$27,559.95**, broken down as follows:

<b><i>Task No.</i></b>	<b><i>Description</i></b>	<b><i>Fee</i></b>
<b>1.1</b>	<b><i>Pre-Construction / Pre-Bid Conference</i></b>	<b><i>\$976.93</i></b>
<b>1.2</b>	<b><i>RFI / Submittal Review</i></b>	<b><i>\$7,719.12</i></b>
<b>1.3</b>	<b><i>Construction Meetings</i></b>	<b><i>\$6,288.66</i></b>
<b>1.4</b>	<b><i>Construction Progress Site Visits</i></b>	<b><i>\$4,978.68</i></b>
<b>1.5</b>	<b><i>Project Revisions</i></b>	<b><i>\$3,632.38</i></b>

<b>1.6</b>	<b>Change Order Request Review</b>	<b>\$523.49</b>
<b>1.9</b>	<b>Substantial Completion Observation and Punch List</b>	<b>\$1,024.49</b>
<b>1.15</b>	<b>Revit Model / CAD</b>	<b>\$417.88</b>
<b>2.1</b>	<b>Record Documents</b>	<b>\$1,998.32</b>
<b>Total Fee</b>		<b>\$27,559.95</b>

MCE will cover the expenses of sending drawings, reports, and shop drawings using regular mail. If special delivery, overnight delivery, or any other service is requested, those charges will be billed at our cost. **Printing of drawings is not included in our fee.**

Our lump sum fee is distributed as indicated in Appendix "A" included at the end of this proposal.

Invoicing will be on a monthly basis in accordance with the amount of work done. Invoices are due thirty (30) days from the date they are submitted. MCE has the right to suspend its services or terminate its obligation under this agreement if any invoiced amount is not paid within 90 days of the due date. After 90 days we will charge a minimum of 1.5% interest but not more than the amount allowed by the law of the State of Florida in the money owed. **Final sign and sealed drawings for the permit will be provided after 80% of the design fee is paid in full.**

**The fee indicated in this proposal is valid for a maximum of 180 days from the date of submission. After this period, the fee may be subject to revision due to potential cost escalations.**

**IV. Out of Scope – Additional Services:**

The following items are **not included** in MCE’s current scope of work and, if required, shall be considered **Additional Services**. These services will require written authorization and approval prior to commencement and will be billed in accordance with MCE’s current hourly rate schedule or an agreed-upon lump sum fee.

- a) Any redesign, reanalysis, or modification of the structural systems beyond the clarifications and coordination efforts described in this proposal.
- b) Structural design or detailing of new elements or systems not part of the original design intent (e.g., added canopies, platforms, foundations, or support framing).
- c) Preparation of additional sketches, drawings, or calculations beyond the quantities noted in this proposal (e.g., beyond the stated number of RFIs, submittals, or field bulletins).
- d) Any additional site visits or inspections beyond those specified in the Construction Progress Site Visits task.
- e) Attendance at meetings, coordination calls, or site walks beyond those specified under Construction Meetings.
- f) Structural observation or documentation services requested after the Substantial Completion milestone or beyond the construction phase covered herein.
- g) Preparation of as-built drawings beyond updates to the record model or sheets specifically identified in this proposal.
- h) Review or redesign of delegated specialty engineering submittals, such as cold-formed steel, pre-engineered trusses, or temporary shoring systems, except for general conformance verification.
- i) Any services required as a result of design changes initiated by the Contractor, Owner, or others after the release of construction documents.
- j) Engineering review or design of alternates or substitutions proposed by the Contractor or design team that differ from the original design intent.



- k) Preparation of engineering repair solutions or design modifications to address construction errors, deviations, or damage resulting from work performed in the field.
- l) Any additional structural work requested outside of this scope will be treated as an Additional Service and will require prior written authorization before proceeding.

MCE will notify the Client in writing if requested work falls outside the defined scope before proceeding with additional services.

**V. Insurance:**

**MCE will furnish the Client at his request, a certificate of the Engineer's Professional Liability with limits of \$2 million per claim and \$2 million aggregate. This certificate will be provided if the project is a commercial building, Educational, Health related, a hotel and/or residential rental apartments. If the Client requires a higher liability limit, the Client shall notify Master Consulting Engineers (MCE) in writing and pay any additional premium necessary to obtain the increased coverage.**

**Notwithstanding the foregoing, the total liability of MCE under this Agreement, whether in contract, tort, or otherwise, shall in all cases be limited to the total compensation received by MCE from the Client for the services provided under this Agreement.**

**Pursuant to Florida Statutes Section 558.0035, an individual employee or agent of Master Consulting Engineers, Inc. may not be held individually liable for negligence (FS 558.0035-1c). MCE Liability is limited to the insurance policy.**

**Should you be in agreement with this proposal, please signify by signing in the space provided below and return a copy to our office for our files with the billing information form included in this proposal.**

*Please send all this information back to us and copy our accounting department at [accounting@mcengineers.com](mailto:accounting@mcengineers.com).*

Very truly yours,  
Master Consulting Engineers, Inc

RS&H

\_\_\_\_\_  
Carolyn Vega-González, P.E.  
Principal

\_\_\_\_\_  
Accepted by:  
Title:



**MASTER  
CONSULTING  
ENGINEERS, INC.**  
STRUCTURAL CONSULTANTS

5523 WEST CYPRESS ST., SUITE 200  
TAMPA, FLORIDA 33607  
P (813) 287-3600 F (813) 287-3622

4101 RAVENSWOOD RD., SUITE 320  
FT. LAUDERDALE, FLORIDA 33312  
P (954) 210-7671 F (813) 287-3622

5950 LAKEHURST DR., SUITE. 183  
ORLANDO, FLORIDA 32819  
P (407) 351-2384 F (813) 287-3622  
[www.mcengineers.com](http://www.mcengineers.com)

## **Billing Information Form**

Please provide the following information to Master Consulting Engineers, Inc.'s project manager and to the accounting department at [Accounting@mcengineers.com](mailto:Accounting@mcengineers.com)

1. Either one of the documents below.
  - a. MCE proposal signed by a representative of the client
  - b. A Purchase Order (PO)
  - c. A signed contract by the client
2. Project manager's name:
3. Project manager's contact information:
4. Mail or email address to which the billing should be sent to:
5. Project Number to be used for billing purposes:
6. Billing cycle to be used by MCE's accounting department:

Comments:

**No work can start until the information above is provided to Master Consulting Engineers, Inc.**



**STANDARD SCHEDULE OF CHARGES**

**I. PAYMENT FOR SERVICES**

- A. When Master Consulting Engineers, Inc. (MCE) is to be paid on the basis of time expended and expenses incurred on the project, compensation shall be determined as noted in Sections I and II hereunder.
- B. All time spent by MCE personnel will be billed at the rates below. Current rates for each personnel classification are as noted in the table below. These rates will remain effective for a period of one year from the Effective Date of this schedule. The noted rates may thereafter be modified by MCE at six-month intervals depending on market conditions in accordance with the standard rates then being charged by MCE to other clients. However, any increase in the minimum and maximum rates will not exceed ten percent (10%) in any six-month period.

<u>Classification</u>	<u>Rate Per Hour</u>
Principal	\$ 206.27
Project Manager / Sr. Engineer	\$ 134.83
Project/ Design Engineer	\$ 125.25
Technician / CAD Operator	\$ 83.69
Administrative	\$ 28.57

A 50% premium (1 ½ time) will be charged over the rates indicated above for those hours required to be spent during Saturday, Sunday, Holidays, or any day between 7:00 pm and midnight and between midnight and 7:00 am.

**II. PAYMENT FOR OTHER DIRECT NON-SALARY EXPENSES**

- A. All other expenses incurred will be separately billed at actual cost plus 10%. Such expenses include, but are not necessarily limited to, subcontractor, consultant, laboratory, and other outside vendor charges; Courier services, special delivery, long-distance phone, and other communications; reproduction; special equipment costs necessary for project execution; special insurance premiums; and any other costs not otherwise part of general office overhead.
- B. The use of company or employee-owned cars on the project will be billed at the rate authorized by the Internal Revenue Service (\$0.655) per mile as of the Effective Date of this Schedule. In the event rental vehicles are used at the option of the firm, the actual rental charges plus 15% will be billed in lieu of the mileage rate.

**III. INVOICES AND PAYMENT TERMS**

Unless otherwise agreed to in writing, invoices for all services regardless of billing type (time and expense, fixed fee, etc.) will be issued every month, payable within 30 days of the invoice date. The interest of one percent per month (but not exceeding the maximum rate allowable by law) will be payable on any amounts not paid within 30 days, payment thereafter to be applied first to accrued interest and then to the principal unpaid amount. All reasonable attorneys' fees or other costs incurred in collecting any delinquent amount shall be paid by the Client.

MCE has the right to suspend services or terminate its obligations under this agreement if any invoiced amounts are not paid within 60 days. Once services are suspended for nonpayment, they will be resumed at the convenience of MCE when all principal amounts and accrued interest are paid in full. In the event of termination, MCE has the right to payment from the Client for reasonable costs associated with termination. Any election to suspend services shall not preclude a later election to terminate. Any failure by MCE to terminate or suspend services shall not constitute a waiver of these or any other rights. All rights and remedies in this Section III are in addition to and are not to be construed in any way as a limitation of, any rights and remedies available at law or equity.

#### **IV. TAXES**

The Client shall pay the cost of any sales, use, excise, value-added or similar tax which is or may become applicable to the services provided by MCE. All invoiced amounts shall be increased by the amount of any such tax.

**APPENDIX A**

		HOURS							HOURS	TOTAL COST (\$)	
		Senior Principal	Principal	Senior Structural Engineer	Structural Engineer	Senior CADD/BIM Technician	CAD/BIM Technician	Accounting			Administration
Contract Hourly Rate			\$206.27	\$134.83	\$125.25	\$85.47	\$93.69	\$28.57	\$28.57		
<b>Task 1</b>	<b>Construction Administration Services</b>										
1.1	Pre-construction/Pre-Bid Conference										
	Structural		1	2	4					7	\$976.93
1.2	RFI/Submittal Review										
	Building RFIs		1	6	15		6	1	1	30	\$3,453.28
	Building Submittals		1	6	15					22	\$2,894.00
	Building Re-submittals		1	4	5					10	\$1,371.84
1.3	Construction Meetings										
	Pre-mobilization- Structural		1		5			1	1	8	\$889.66
	Post-mobilization- Structural		1	6	35					42	\$5,399.00
1.4	Construction Progress Site Visits										
	Structural		2		36			1	1	40	\$4,978.68
1.5	Project Revisions										
	Structural		4	8	8		8	1	1	30	\$3,632.38
1.6	Change Orders Request Review										
	Structural		1	1	1			1	1		\$523.49
1.9	Substantial Completion Observation and Punchlist										
	Structural		1	1	5			1	1	9	\$1,024.49
1.15	Revit Model/CAD										
	Structural				2		2			4	\$417.88
	<b>Task 1 Subtotal</b>	-	<b>14</b>	<b>34</b>	<b>131</b>	-	<b>16</b>	<b>6</b>	<b>6</b>	<b>202</b>	<b>\$25,561.63</b>
<b>Task 2</b>	<b>Project Closeout</b>										
2.1	Record Documents										
	Structural			2	8		8	1	1	20	\$1,998.32
	<b>Task 2 Subtotal</b>	-	-	<b>2</b>	<b>8</b>	-	<b>8</b>	<b>1</b>	<b>1</b>	<b>20</b>	<b>\$1,998.32</b>
<b>TOTAL FOR ALL TASKS</b>		-	<b>14</b>	<b>36</b>	<b>139</b>	-	<b>24</b>	<b>7</b>	<b>7</b>	<b>222</b>	<b>\$27,559.95</b>



December 2, 2025

RS&H, Inc.  
5900 N. Andrews Ave, Suite 500  
Fort lauderdale, Florida 33309  
Attn: Mr. Michael Strickler, P.E. | Senior Engineer, Aviation  
Email: [michael.strickler@rsandh.com](mailto:michael.strickler@rsandh.com)  
Phone: 954-294-8469

Subject: Proposal for Construction Material Testing and Special Inspection Services  
PBI New ARFF Facility  
Palm Beach County, Florida  
TSFGEO Proposal No. 2512-693

Dear Mr. Strickler:

As requested, TSFGEO is pleased to submit this proposal to provide Construction Material Testing and Special Inspection Services for the above referenced project. We have included a general discussion of services that we understand will be required for this project and present our Schedule of Fees for these services.

### PROJECT DESCRIPTION

Based on the available information, we understand that the project will consist of constructing a new ARFF facility at PBI. The 23,645-sf structure will be founded on spread footings with concrete columns and CMU walls. The roof will be supported on steel joists and metal trusses. New dumpster enclosure, concrete pad for generator, fuel tank and truck water filling station. There will also be apron replacement, water, sewer and drainage lines and parking areas associated with the project.

### QUALIFICATIONS

TSFGEO is a recognized SBE consulting engineering and testing firm providing integrated services in several disciplines, including geotechnical engineering, construction services, materials engineering & testing, roof & pavement consulting, threshold services, and facilities consulting and engineering.

TSFGEO's Florida offices, located in West Palm Beach, Miami and Tampa, have over 40 engineers, inspectors, and support staff available to assist our clients. Our inspectors are ACI and AWS trained/certified in their respective disciplines, as required by building codes and industry standards. Our engineering staff includes registered professional engineers with significant construction experience in South Florida.

PBIA New ARFF Facility  
TSFGeo Proposal No. 2512-693

TSFGeo has earned a reputation for delivering quality service at reasonable costs. TSF has successfully completed thousands of projects for a variety of industries and organizations, including private, corporate and industrial clients, medical facilities, civilian and military agencies of the federal, state and local governments, colleges and universities, and local education agencies.

### **PROPOSED SCOPE OF SERVICES**

We recognize that construction projects are built in the "real world" and that proposed schedules do not always work out. Therefore, we appreciate the importance of being able to respond to requests for our services on short notice and of working hours other than the normal schedule, including nighttime work and weekend work.

Based on our understanding of the project requirements, we anticipate that the following testing services will be required during the design and construction phases of the project.

#### **CONSTRUCTION MATERIAL TESTING SERVICES**

##### **Sampling and Laboratory Testing**

- Provide Modified Proctor, sieve analysis, organic content test results on structural fill, footings, slab and backfill material, as required.
- Test compressive strength concrete cylinders and grout prisms for walls.
- Test flexure beams for the aprons; and
- Test compressive strength mortar cubes for masonry walls.

##### **Construction Materials Testing**

- Perform In-Place-Density testing on structural fill, utility backfill, footings, slab, subgrade, base and backfill material as needed;
- Conduct slump, and temperature testing on concrete;
- Mold compressive strength test cylinders (4 cylinders per set);
- Mold flexure beam specimens (2 beams per set); and
- Mold compressive strength tests prisms (4 prisms per set).

#### **SPECIAL INSPECTION SERVICES**

- Provide Certified Special Building inspector to observe reinforcing steel in foundations, slabs, masonry wall systems, beams, columns, and other inspections necessary to comply with permitted construction documents and threshold inspection plan provided by the structural engineer of record.
  - Provide inspection of structural steel connections, bolts, and welds.
  - Provide a final compliance letter that all inspected work was performed as per Florida Building Code, project specifications and County / City requirements.
-



PBIA New ARFF Facility  
 TSFGeo Proposal No. 2512-693

**Unit Fee Schedule**

ITEM	Quantity	Rate	Units	Extended
<b>CONSTRUCTION MATERIAL TESTING SERVICES</b>				
<b>Field and Laboratory Testing Services</b>				
<b>SOILS</b>				
Nuclear Density Test - Up to five (5) tests per trip	50	\$ 125.00	trip	\$ 6,250.00
Additional Density Tests (beyond 5 tests) each	35	\$ 25.00	each	\$ 875.00
Modified Proctor	4	\$ 125.00	test	\$ 500.00
LBR	2	\$ 300.00	test	\$ 600.00
Full Grain Size	4	\$ 75.00	test	\$ 300.00
Organic Content	4	\$ 35.00	test	\$ 140.00
<b>Subtotal</b>				<b>\$ 8,665.00</b>
<b>CONCRETE/GROUT/MORTAR:</b>				
Compression Testing of Grout Prisms-(set of 4)	15	\$ 80.00	set	\$ 1,200.00
Concrete Compression Test, Prepare cylinders & slump test on site & deliver to lab, (Min. Four (4) cylinders per	55	\$ 140.00	set	\$ 7,700.00
Concrete Compression Test, Prepare beams & slump test on site & deliver to lab, (Min two (2) beams per set)	8	\$ 140.00	set	\$ 1,120.00
Engineering Technician (standby)	60	\$ 65.00	hour	\$ 3,900.00
<b>Subtotal</b>				<b>\$ 13,920.00</b>
<b>Professional and Technical Services</b>				
Asphalt Paving Technician	60	\$ 75.00	hour	\$ 4,500.00
Asphalt Plant Technician	5	\$ 900.00	day	\$ 4,500.00
Principal Engineer	15	\$ 175.00	hour	\$ 2,625.00
<b>Subtotal</b>				<b>\$ 11,625.00</b>
<b>Total Estimated Fees for Construction Material Testing</b>				<b>\$ 34,210.00</b>

ITEM	Quantity	Units	Rate	Extended
<b>SPECIAL INSPECTIONS SERVICES</b>				
<b>Professional and Technical Services</b>				
Reinforcement/Masonry (min 4 hrs/trip)	70	\$ 75.00	hour	\$ 5,250.00
Principal Engineer	20	\$175.00	hour	\$ 3,500.00
<b>Subtotal</b>				<b>\$ 8,750.00</b>
<b>Welding Inspection Services</b>				
Welding and bolting inspections (min 4 hrs/trip)	40	\$ 75.00	hour	\$ 3,000.00
NDT/UT testing-inspections of welds (min 4 hrs/trip)	55	\$ 75.00	hour	\$ 4,125.00
<b>Subtotal</b>				<b>\$ 7,125.00</b>
<b>Total Estimated Fees for Special Inspection Services</b>				<b>\$ 15,875.00</b>

PBIA New ARFF Facility  
 TSFGEO Proposal No. 2512-693

**General Notes:**

Please note the following procedures will apply to our services:

- 1- Field work hours for inspectors are Monday thru Friday, 8:00AM to 5:00PM.
- 2- We need 24 hours notice by contacting our office (561) 687-8536 prior to any site visit.
- 3- We can accommodate weekend inspections if necessary with a minimum of 48 hours notice.
- 4- Field work beyond 8 hours/day, night time and weekends (OT) will be billed at the regular rate times 1.5
- 5- Stand-by time will be billed at hourly rate listed.

**AUTHORIZATION**

<b>AUTHORIZED BY:</b>	<b>INVOICE TO:</b>
<b>Firm:</b>	<b>Firm:</b>
<b>Name:</b>	<b>Name:</b>
<b>Title:</b>	<b>Address:</b>
<b>Date:</b>	<b>Phone #:</b>
	<b>Fax #:</b>

PBIA New ARFF Facility  
 TSFGGeo Proposal No. 2512-693

**TSFGGeo's General Conditions**

1. **SCOPE OF WORK:** Work means the specific geotechnical, analytical, testing or other service to be performed by Tierra South Florida, Inc. (TSFGGeo) as set forth in TSFGGeo's proposal, Client's acceptance of the scope of work and these General Conditions. Additional work ordered by Client shall also be subject to these General Conditions. "Client" refers to the person or business entity ordering the work to be done by TSFGGeo. Client shall communicate these General Conditions to each and every third party to whom Client transmits any part of TSFGGeo's work. TSFGGeo shall have no duty or obligation to any third party greater than that set forth in TSFGGeo's proposal, Client's acceptance of TSFGGeo's proposal and these General Conditions. The ordering of work from TSFGGeo, or the reliance on any of TSFGGeo's work, shall represent acceptance of the terms of TSFGGeo's proposal and these General Conditions, regardless of the terms of any subsequently issued document.
2. **RIGHT-OF-ENTRY** -The client will provide right-of-entry for TSFGGeo and all necessary equipment in order to complete the work. While TSFGGeo will take all reasonable precautions to minimize any damage to the property, it is understood by Client that in the normal course of work some damage may occur, the correction of which is not part of this agreement.
3. **DAMAGE TO EXISTING MAN-MADE OBJECTS** -The Client, will provide the location of all underground utilities or obstructions to TSFGGeo who, in the prosecution of their work, will take all reasonable precautions to avoid damage or injury to any such subterranean structure or utility. The Owner agrees to hold TSFGGeo harmless for any damages to subterranean structures which are not called to TSFGGeo's attention and correctly shown on the plans furnished and will reimburse TSFGGeo for any expenses in connection with any claims or suits including reasonable attorney fees at the trial and appellate levels.
4. **IN-PLACE MATERIALS TESTING** - TSFGGeo will not be responsible for repair or damage to portions of structures designated for in-place materials testing. Repairs can be made for aesthetic reasons if requested in advance of the work to be performed. The cost for labor and materials would be charged.
5. **SAMPLE RETENTION** - TSFGGeo will retain all soil and rock samples obtained for geotechnical explorations for 30 days. Samples subjected to Construction Materials and Laboratory testing are disposed of subsequent to testing. Further storage or transfer of samples can be made at Client's expense upon written authorization.
6. **DEFINITION OF RESPONSIBILITY (OBSERVATION SERVICES)** - The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, his employees or agents. The contractor for this project should be so advised.
  - 6.1. The Contractor should also be informed that neither the presence of our field representative or the observation and testing by our firm shall excuse him in any way for defects discovered in his work. It is understood that TSFGGeo will not be responsible for the Contractor's job or site safety on his project. That will be the sole responsibility of the contractor.
7. **STANDARD OF CARE** -Service performed by TSFGGeo under this Agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.
  - 7.1. Client recognizes that subsurface conditions may vary from those encountered at the location where borings, surveys or explorations are made by TSFGGeo and that the data, interpretations and recommendations of TSFGGeo are based solely on the information available to it. TSFGGeo shall not be responsible for the interpretation by others of information developed.
8. **ORAL AGREEMENTS** -No oral agreement, guarantee, promise, representation or warranty shall be binding.
9. **OWNERSHIP OF DOCUMENTS** -All reports, boring logs, field data and notes, laboratory test data, calculations, estimates and other documents prepared by TSFGGeo, as instruments of service, shall remain the property of TSFGGeo until final payment is received and a letter of copyright transfer been executed.
10. **BASIS OF PAYMENT** -Payment is due within 30 days of date of invoice. Payments not made when due shall bear interest at eighteen (18) percent annum or at the maximum rate allowed by law from the date of the invoice until same is paid.
  - 10.1. If the Client fails to make any payment due to TSFGGeo for service and/or expenses within 60 days of date of invoice, TSFGGeo may, after giving seven days' written notice to Client, suspend services until all outstanding amounts have been paid to TSFGGeo in full. Further, TSFGGeo may, in addition to withholding services, or singularly, withhold reports, plans and other documents not paid in full by the Client. In the event that final payment for completed work is not made, TSFGGeo shall request that all copyrighted documents which were submitted to client be returned and all information used in project plans be removed from project documents.
  - 10.2. In the event it is necessary to take legal action to effect collection, whether or not litigation is commenced, the Client agrees to reimburse TSFGGeo for expenses in connection with any claims or suits, including reasonable attorney's fees, including but not limited to the trial and appellate levels.
  - 10.3. This contract shall be governed by the laws of the State of Florida.
11. **CONSTRUCTION REVIEW** - TSFGGeo cannot accept responsibility for any design work unless the work includes services for construction review to determine whether or not the work performed is in substantial compliance with TSFGGeo's conclusions and recommendations.
12. **INDEMNIFICATION** -TSFGGeo agrees to hold harmless and indemnify Client from and against liability arising out of TSFGGeo's negligent performance of the work. Client agrees to indemnify and hold TSFGGeo harmless from all liability including all costs, attorney's fees and expenses of defense for any claims by any other person or corporation which may arise out of the performance or breach of this contract for which TSFGGeo was not solely negligent.
13. **LIMITATION OF LIABILITY** -The Client/Owner agrees to limit TSFGGeo's liability for negligent professional acts, errors or omissions, such that the total aggregate liability of TSFGGeo shall not exceed \$50,000 or the total fee for the services rendered on this project, whichever is greater. The Owner further agrees to require the contractor and his subcontractors a similar limitation of liability suffered by the contractor or the subcontractors arising from TSFGGeo's negligent professional acts, errors or omissions.
  - 13.1. If Client prefers to have higher limits on professional liability, TSFGGeo agrees to increase the limits up to a maximum of \$1,000,000 upon Client's written request at the time of accepting our proposal provided that Client agrees to pay an additional consideration of 5 percent of our total fee. The additional charge for the higher liability limits is because of the greater risk assumed and is not strictly a charge for additional professional liability insurance.
14. **INSURANCE** -TSFGGeo represents that it and its agents, staff and consultants employed by it are protected by Worker's Compensation insurance and Employer's Liability Insurance in conformance with applicable state laws. TSFGGeo has such coverage under public liability and property damage insurance policies that TSFGGeo deems to be adequate. A Certificate of Insurance can be supplied evidencing such coverage upon request.
  - 14.1. Within the limits and conditions of such insurance, TSFGGeo agrees to indemnify and save client harmless from and against any loss, damage or liability arising from any negligent acts by TSFGGeo, its agents, staff and consultants employed by it. TSFGGeo shall not be responsible for any loss, damage or liability beyond the amounts, limits and considerations of such insurance. TSFGGeo shall not be responsible for any loss, damage or liability arising from any acts by clients, its agents, staff and other consultants employed by it.
  - 14.2. Cost of the above coverage is included in our quoted fees. If additional coverage or increased limits of liability are required, TSFGGeo will endeavor to obtain the requested insurance and charge separately for costs associated with additional coverage or increased limits.
15. **TERMINATION** -This agreement may be terminated by either party upon seven days written notice in the event of substantial failure by the other party to perform in accordance with the terms thereof. Such termination shall not be effective if the substantial failure has been remedied before expiration of the period specified in the written notice. In the event of termination, TSFGGeo shall be paid for services performed to the termination notice date plus reasonable termination expenses.
  - 15.1. In the event of termination or suspension for more than three months, prior to completion of all reports contemplated by this Agreement, TSFGGeo may complete a report on the services performed to the date of notice of termination or suspension. The expenses of termination or suspension shall include all direct costs for TSFGGeo in completing such analyses, records and reports.
16. **CLIENT'S OBLIGATION TO NOTIFY TSFGGeo** - Client represents and warrants that it has advised TSFGGeo of any known or suspected hazardous materials or conditions, utility lines and pollutants at any site at which TSFGGeo is to do work hereunder, and unless TSFGGeo has assumed in writing the responsibility of locating subsurface objects, structures, lines or conduits, Client agrees to defend, indemnify and save TSFGGeo harmless from all claims, suits, losses, costs and expenses, including reasonable attorney's fees as a result of personal injury, death or property damage occurring with respect to TSFGGeo's performance of its work and resulting to or caused by contact with subsurface or latent objects, structures, lines or conduits where the actual or potential presence and location thereof were not revealed to TSFGGeo by Client.
17. **HAZARDOUS MATERIALS** -This agreement shall not be interpreted as requiring TSFGGeo to assume the status of an owner, operator, generator, storer, transporter, treater or disposal facility as those terms appear within RCRA or within any Federal or State statute or regulation governing the generation, transportation, treatment, storage and disposal of pollutants.

Initial \_\_\_\_\_

**EXHIBIT A-3 – Task III Services**

**TASK III SERVICES**

Level 3 Tasks – Miscellaneous Planning and Engineering Services: Work to be completed under Level 3 Tasks will be issued per the level of authority contained in PPW CW-F-050, by way of a separate proposal or task authorization, as described in the original Consulting Agreement (R-2019-0612).

<b>TASK LEVEL / NO.</b>	<b>DESCRIPTION</b>	<b>BUDGET</b>
Task III-19-DOA-R-001	<b>Misc. AEP and Construction Consulting Services Amendment #16</b>	\$ 150,000.00
<b>Sub-total (Level 3)</b>		\$ 150,000.00

**EXHIBIT B: DETAILED FEES, EXPENSES AND PAYMENTS**

**EXHIBIT B-I: Summary of Fees**

This Amendment #16, as described herein, consists of multiple tasks. As summarized below, these initial efforts have an overall budget of: \$1,396,018.55

**LEVEL 1 TASKS:**

TASK Level / No.	DESCRIPTION	LUMP SUM	NOT-TO-EXCEED	REIMBURSABLE EXPENSES	TOTAL
I-23-PBI-R-028:	Switchgear Ph 2 Amendment	\$ 148,524.98	\$ 0.00	\$ 0.00	\$ 148,524.98
I-25-PBI-R-048:	New ARFF – Construction Administration Services	\$ 1,007,567.57	\$ 50,085.00	\$ 39,841.00	\$ 1,097,493.57

**LEVEL 3 TASKS:**

TASK LEVEL / NO.	DESCRIPTION	TOTAL
Task III-19-DOA-R-001	Misc. AEP and Construction Consulting Services Amendment #16	\$150,000.00

<b>Grand Total (Amendment #16)</b>	<b>\$1,396,018.55</b>
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**EXHIBIT B-II: Schedule of Payments**

The Scope of Work to be completed by CONSULTANT as defined in Exhibit “A” consist of specific completion phases which shall be clearly identified on phase-by-phase basis upon submission to the COUNTY of certain “deliverables”<sup>1</sup> as expressly indicated below. Compensation for the work tasks stated herein shall be in accordance with the following schedule of payment.

The following is a list of projects in Amendment #16:

**LEVEL 1 TASKS:**

<b>Task I-23-PBI-R-028</b>	<b><u>Switchgear Ph 2 Amendment</u></b>	
	Compensation:	\$ 148,524.98
<b>Task I-25-PBI-R-048</b>	<b><u>New Parking Revenue Control Building – Construction Administration &amp; Partial RPR Services</u></b>	
	Compensation:	\$ 1,097,493.57



**EXHIBIT D – DISADVANTAGED BUSINESS ENTERPRISE COMPLIANCE**

**Table D-1** summarizes the estimated fee for each of our team members that are certified DBE firms for Amendment 16.

*Table D-1: DBE Firms, Scheduled Payment, Scheduled % of Fee*

Firm	Amendment 16 Totals	% of Amendment 16

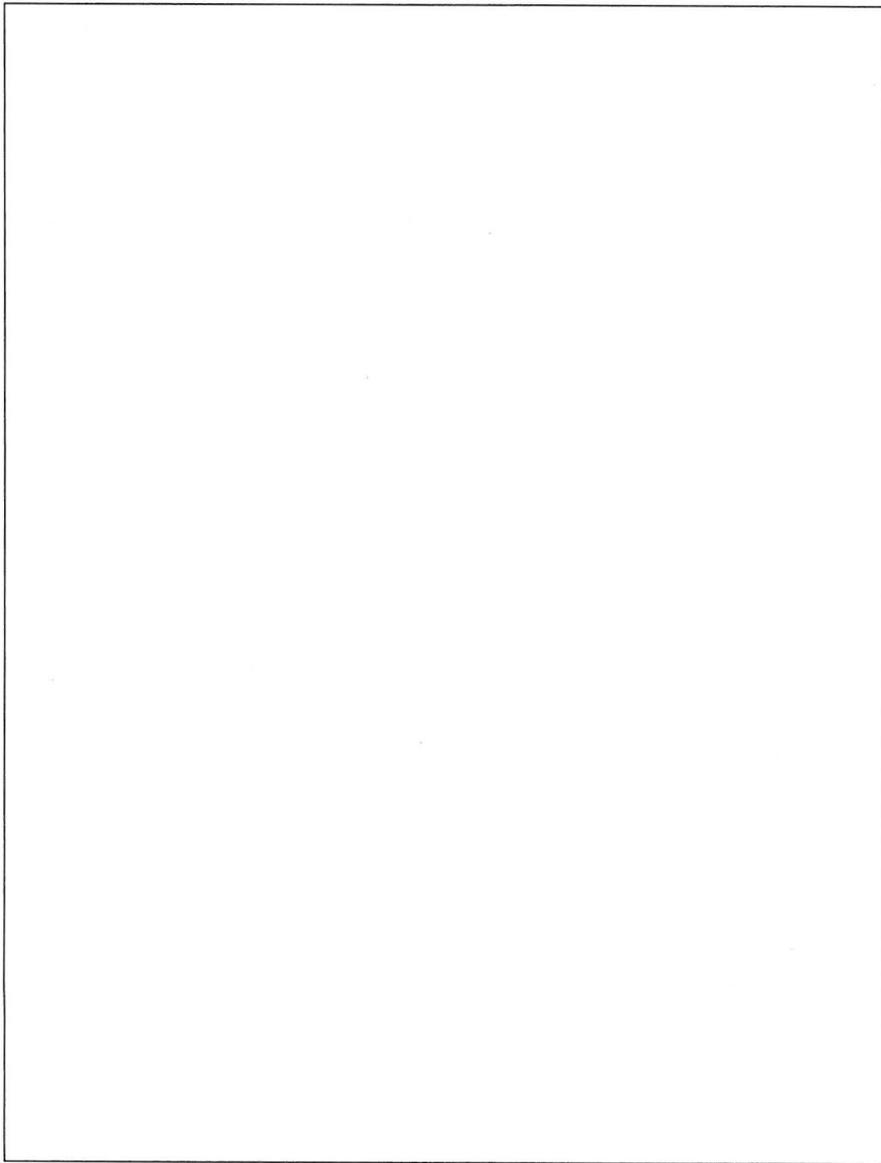
THE REST OF THIS PAGE IS INTENTIONALLY LEFT BLANK.

Table D-2 summarizes the estimated fee for each of our team members that are certified DBE firms for the Total Contract.

Table 2: DBE Firms, Scheduled Payment, Scheduled % of Total Fee

Firm	Base (R2019-0612) Totals	Amend #1 (R2020-0414) Totals	Amend #2 (R2020-1607) Totals	Amend #4 (R2021-0844) Totals	Amend #5 (R2022-0263) Totals	Amend #6 (R2023-0103) Totals	Amend #7 (R2023-0447) Totals	Amend #8 (R2023-0532) Totals	Amend #9 (R2023-1540) Total	Amend #10 (R2023-1595) Total
Colome'										
Tierra South Florida										
Brown & Phillips										
CECOS										
Mobio										
Lakdas-Yohalem										
Connico										
Digital Building Services										
Master Consulting Engineers										
Quantum										
Air Projects										
CRJ										
TOTALS										
Firm										
Colome'										
Tierra South Florida										
Brown & Phillips										
CECOS										
Mobio										
Lakdas-Yohalem										
Connico										
Digital Building Services										
Master Consulting Engineers										
Quantum										
Air Projects										
CRJ										
TOTALS										

*Palm Beach County Department of Airports*



**SCHEDULE 1(A)  
LIST OF PROPOSED DBE FIRMS (USE ADDITIONAL SHEETS AS NECESSARY)**

RFP Name: Airport Facilities & System Planning, Design, Engineering and Construction Management Professional Services for Palm Beach County Department of Airports  
 Name of Respondent: RS&H, Inc. RFP Project No. \_\_\_\_\_  
 Contract Person: Dennis Iskra CSA/Amend.No. Amendment 16  
 Address: 1520 South Blvd, Suite 200, Charlotte, NC 28203  
 Phone No: 904-521-2154 E-mail Address Dennis.Iskra@rsandh.com

Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification	Dollar Amount			
			Black	Hispanic	Women	Other (Please specify)
Quantum Electrical Engineering, Inc.	Electrical & Fire Alarm Engineering Services					
Connico, LLC	Cost Estimating					
CRJ & Associates, Inc.	Civil (Landside and Drainage) Engineering Services					
Master Consulting Engineers, Inc.	Structural Engineering Services					
Tierra South Florida, Inc.	Material Testing Services					
<b>TOTAL VALUE OF DBE PARTICIPATION</b>						

**Notes:**

- The amounts listed on this form for each DBE Firm must be supported by the price included on Schedule 2, "Letter of Intent to Perform as a Disadvantaged Business Enterprise", in order to be counted toward attainment of the DE goal.
- Firms identified on this form must be certified as a DBE by the State of Florida's Unified Certification Program. Certification status can be verified on the Florida Department of Transportation's website at <https://fdotxwp02.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>
- If materials or supplies are proposed to be purchased from a DBE regular dealer, sixty percent (60%) of the proposed expenditure is counted toward attainment of the DBE goal. Reduce dollar amount to 60% of supplier's quote for purposes of determining value of DBE participation. Amounts listed on Schedule "2" should reflect the full expenditure (i.e., do not reduce supplier's quote).

**By signing this form the undersigned Prime Bidder is committing to utilize the above referenced DBE Firms on the Project and that the Prime Bidder will monitor the DBE Firms to ensure that the work is actually performed by the by the DBE Firms**

By: \_\_\_\_\_  
 Signature  
 Dennis Iskra, Vice President - Senior Principal Architect  
 \_\_\_\_\_  
 Print Name/Title of Person Executing on Behalf of the Prime

\_\_\_\_\_  
 Date



**SCHEDULE 2(A)  
LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE  
(Professional Services)**

Airport Facilities & Systems Planning, Design, Engineering and Construction Management

LOI/SOQ Project Description: Professional Services for Palm Beach County Department of Airports

Change Order/Task /Amendment No. (if applicable): Amendment 16

Name of Prime Respondent: RS&H, Inc.

Name of DBE Firm: Connico, LLC

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black       Hispanic       Women       Other (Please Specify) Asian / Pacific
- Prime Consultant    Subcontractor    Manufacturer    Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Cost Estimating

(Additional Sheets may be used as necessary.)

**Total Participation by DBE Firm for this Project: \$**

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

**If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:**

		%	<input type="checkbox"/> DBE Certified
(Name of Subcontractor)	(Percentage of work to be subcontracted)		<input type="checkbox"/> Non-DBE

**The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above. The undersigned subcontractor/supplier understands that the provision of this form to the Prime Respondent does not prevent the subcontractor/supplier from providing quotations to other Respondents.**

Sri J. Kumar                      President  
Printed Name and Title of person affirming the above

By: \_\_\_\_\_  
Signature of DBE Subcontractor

Date: \_\_\_\_\_

**SCHEDULE 2(A)**  
**LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE**  
**(Professional Services)**

LOI/SOQ Project Description: Airport Facilities & Systems Planning, Design, Engineering and Construction Management  
Professional Services for Palm Beach County Department of Airports

Change Order/Task /Amendment No. (if applicable): Amendment 16

Name of Prime Respondent: RS&H, Inc.

Name of DBE Firm: CRJ & Associates, Inc.

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black       Hispanic       Women       Other (Please Specify) FDOT DBE
- Prime Consultant    Subcontractor    Manufacturer    Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Civil (Landside and Drainage) Engineering Services

(Additional Sheets may be used as necessary.)

**Total Participation by DBE Firm for this Project: \$**

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

**If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:**

		%	<input type="checkbox"/> DBE Certified
(Name of Subcontractor)	(Percentage of work to be subcontracted)		<input type="checkbox"/> Non-DBE

**The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above. The undersigned subcontractor/supplier understands that the provision of this form to the Prime Respondent does not prevent the subcontractor/supplier from providing quotations to other Respondents.**

Marc Fermanian      President  
Printed Name and Title of person affirming the above

By: \_\_\_\_\_  
Signature of DBE Subcontractor

Date: \_\_\_\_\_

**SCHEDULE 2(A)**  
**LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE**  
**(Professional Services)**

Airport Facilities & Systems Planning, Design, Engineering and Construction Management

LOI/SOQ Project Description: Professional Services for Palm Beach County Department of Airports

Change Order/Task /Amendment No. (if applicable): Amendment 16

Name of Prime Respondent: RS&H, Inc.

Name of DBE Firm: Master Consulting Engineers, Inc.

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black       Hispanic       Women       Other (Please Specify) \_\_\_\_\_
- Prime Consultant    Subcontractor    Manufacturer    Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Structural Engineering Services

(Additional Sheets may be used as necessary.)

**Total Participation by DBE Firm for this Project: \$**

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

**If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:**

		%	<input type="checkbox"/> DBE Certified
(Name of Subcontractor)	(Percentage of work to be subcontracted)		<input type="checkbox"/> Non-DBE

**The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above. The undersigned subcontractor/supplier understands that the provision of this form to the Prime Respondent does not prevent the subcontractor/supplier from providing quotations to other Respondents.**

Armando Castellon      President  
\_\_\_\_\_  
Printed Name and Title of person affirming the above

By: \_\_\_\_\_  
Signature of DBE Subcontractor

Date: \_\_\_\_\_

**SCHEDULE 2(A)**  
**LETTER OF INTENT TO PERFORM AS A DISADVANTAGED BUSINESS ENTERPRISE**  
**(Professional Services)**

Airport Facilities & Systems Planning, Design, Engineering and Construction Management

LOI/SOQ Project Description: Professional Services for Palm Beach County Department of Airports

Change Order/Task /Amendment No. (if applicable): Amendment 16

Name of Prime Respondent: RS&H, Inc.

Name of DBE Firm: Tierra South Florida, Inc.

The undersigned is certified as a Disadvantaged Business Enterprise by the State of Florida's Unified Certification Program. Check one or more classifications as applicable:

- Black       Hispanic       Women       Other (Please Specify) Asian / Pacific
- Prime Consultant    Subcontractor    Manufacturer    Supplier

The undersigned is prepared to perform the following described work in connection with the above-referenced project (specify in detail the particular work and/or parts thereof to be performed):

Material Testing

(Additional Sheets may be used as necessary.)

**Total Participation by DBE Firm for this Project: \$**

and will enter into a formal agreement for work with you conditioned upon your execution of a contract with Palm Beach County.

**If the undersigned intends to subcontract any portion of the work described above to another subcontractor, please complete the following:**

		%	<input type="checkbox"/> DBE Certified
(Name of Subcontractor)	(Percentage of work to be subcontracted)		<input type="checkbox"/> Non-DBE

**The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above. The undersigned subcontractor/supplier understands that the provision of this form to the Prime Respondent does not prevent the subcontractor/supplier from providing quotations to other Respondents.**

Dominique J Bennett      Professional Services Manager  
Printed Name and Title of person affirming the above

By: \_\_\_\_\_  
Signature of DBE Subcontractor

Date: \_\_\_\_\_

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Contract History



COUNTY  
 CONTRACT WITH RS&H, INC. FOR  
 CONSULTING/PROFESSIONAL SERVICES  
 AIRPORT FACILITIES AND SYSTEMS  
 R2019-0612  
 CONTRACT HISTORY

AGREEMENT	APPROVAL DATE	RESOLUTION NUMBER	RESOLUTION TOTAL AMOUNT	RESOLUTION TASK I AMOUNT	RESOLUTION TASK III BUDGET	TASK III Approved	AGREEMENT ADJUSTMENT	REVISED AGREEMENT	REVISED AGREEMENT TASK I AMOUNT	REVISED AGREEMENT TASK III AMOUNT	DESCRIPTION
ORIGINAL AGREEMENT	5/7/2019	R2019-0612	\$ 2,004,570.58	\$ 1,804,570.58	\$ 200,000.00	\$ 200,000.00	\$ (249,461.20)	\$ 1,755,109.38	\$ 1,555,109.38	\$ 200,000.00	Palm Beach International Airport (PBI) Terminal Escalator Replacement; PBI 400Hz & Switchgear Replacement; PBI New Parking Revenue Center; PBI Aircraft Rescue and Fire Fighting (ARFF) Improvements; PBI Federal Inspection Services Facility Improvements; PBI Airline Ticket Counter Replacement; PBI Concourse B Expansion Planning & Programming; North Palm Beach County General Aviation Airport (F45) Hangar Design; Palm Beach County Glades Airport (PHK) Hangar Design; Task III Services - Miscellaneous Planning and Engineering Services
AMENDMENT 1	5/5/2020	R2020-0414	\$ 2,304,608.30	\$ 1,954,608.30	\$ 350,000.00	\$ 350,000.00	\$ (59,713.51)	\$ 2,244,894.79	\$ 1,894,894.79	\$ 350,000.00	PBI Escalator Replacement Additional Design Services; PBI New Parking Revenue Center Additional Design Services; PBI Electrical Distribution Assessment Report; PBI New Aircraft Rescue and Fire-Fighting (ARFF) Facility Design Services; PBI Terminal Connector Planning & Programming Study; PBI High-Mast Lighting Renovation Design Services; Task III Services - Miscellaneous Planning and Engineering Services
AMENDMENT 2	10/20/2020	R2020-1607	\$ 3,196,990.03	\$ 3,196,990.03	\$ 350,000.00	\$ 350,000.00	\$ (49,627.45)	\$ 3,147,362.58	\$ 2,797,362.58	\$ 350,000.00	PBI Switchgear Normal Power Distribution System (NPDS) Replacement; PBI Concourse B Expansion Conceptual and Schematic Design; PBI Terminal Public Address (PA) System Construction Engineering Inspection (CEI) Services - Phase 2; PBI Pre-Conditioned Air (PCA) and Ground Power Unit (GPU) Point of Use; PBI Federal Inspection Service Facility and Building 846 Storm Resiliency Modifications Package 3; PBI Terminal Elevator Assessment Report; Task III Services - Miscellaneous Planning and Engineering Services
AMENDMENT 3	5/4/2021	R2021-0576	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Exercise the first one (1) contract renewal option
AMENDMENT 4	6/15/2021	R2021-0844	\$ 2,644,110.87	\$ 2,644,110.87	\$ -	\$ -	\$ -	\$ 2,644,110.87	\$ 2,644,110.87	\$ -	Concourse B Expansion Design
AMENDMENT 5	3/22/2022	R2022-0263	\$ 1,325,943.87	\$ 1,125,943.87	\$ 200,000.00	\$ 200,000.00	\$ -	\$ 1,325,943.87	\$ 1,125,943.87	\$ 200,000.00	Exercise the second one (1) year renewal option; PBI NPDS Replacement Construction Phase Services; PBI GPU Replacement Construction Phase Services; PBI PCA and GPU Supplemental Design and Bidding Services; Task III Services - Miscellaneous Planning and Engineering Services
AMENDMENT 6	1/24/2023	R2023-0103	\$ 1,175,706.57	\$ 975,706.57	\$ 200,000.00	\$ 199,176.28	\$ -	\$ 1,175,706.57	\$ 975,706.57	\$ 200,000.00	PBI Switchgear Replacement Phase 2; PBI Concourse B Expansion Dual Package Development; Task III Services - Miscellaneous Planning and Engineering Services
AMENDMENT 7	4/4/2023	R2023-0447	\$ 1,109,482.80	\$ 1,109,482.80	\$ -	\$ -	\$ -	\$ 1,109,482.80	\$ 1,109,482.80	\$ -	PBI Concourse B Expansion Package 1 Construction Phase Services
AMENDMENT 8	4/18/2023	R2023-0532	\$ 1,106,284.38	\$ 1,106,284.38	\$ -	\$ -	\$ (63,067.56)	\$ 1,043,216.82	\$ 1,043,216.82	\$ -	PBI PCA Construction Phase Services; PBI Elevator Modernization Design; Federal Inspection Services (FIS) and Building 846 Storm Resiliency Modification Package 3 Bid and Construction Phase Services
AMENDMENT 9	10/17/2023	R2023-1540	\$ 313,808.36	\$ 313,808.36	\$ -	\$ -	\$ -	\$ 313,808.36	\$ 313,808.36	\$ -	Concourse B Expansion Additional Phasing Services
AMENDMENT 10	11/7/2023	R2023-1595	\$ 395,406.12	\$ 395,406.12	\$ -	\$ -	\$ -	\$ 395,406.12	\$ 395,406.12	\$ -	ARFF Building Replacement Additional Phasing Services; 400 Hz GPU Additional Construction Phase Services;
AMENDMENT 11	4/2/2024	R2024-0345	\$ 281,451.37	\$ 81,451.37	\$ 200,000.00	\$ 197,487.34	\$ (6,288.22)	\$ 275,163.15	\$ 75,163.15	\$ 200,000.00	Switchgear Replacement Additional Phasing Services; Concourse B Expansion Duct Bank Conflict Additional Services; Additional Task III Services for Previously Approved Tasks
AMENDMENT 12	7/2/2024	R2024-0824	\$ 1,115,944.71	\$ 1,115,944.71	\$ -	\$ -	\$ -	\$ 1,115,944.71	\$ 1,115,944.71	\$ -	Concourse B Expansion Additional Construction Phase Services for Package 2A
AMENDMENT 13	11/19/2024	R2024-1553	\$ 238,488.50	\$ 238,488.50	\$ -	\$ -	\$ -	\$ 238,488.50	\$ 238,488.50	\$ -	New Parking Revenue Center Building Additional Services for Code Updates and Phase 4
AMENDMENT 14	2/11/2025	R2025-0221	\$ 3,776,679.50	\$ 3,626,679.50	\$ 150,000.00	\$ 93,805.17	\$ -	\$ 3,776,679.50	\$ 3,626,679.50	\$ 150,000.00	CA and Partial RPR Services for Concourse B Expansion Package 2B
AMENDMENT 15	12/2/2025	R-2025-1792	\$ 1,000,491.38	\$ 1,000,491.38	\$ -	\$ -	\$ -	\$ 1,000,491.38	\$ 1,000,491.38	\$ -	CA and Partial RPR Services for the Parking Revenue Control Building
AMENDMENT 16	PENDING	PENDING	\$ 1,396,018.55	\$ 1,246,018.55	\$ 150,000.00	\$ -	\$ -	\$ 1,396,018.55	\$ 1,246,018.55	\$ 150,000.00	CA Services for the New ARFF Facility, Amendment to Switchgear Ph 2
TOTAL (thru Amendment 15)			\$ 21,989,967.34	\$ 20,689,967.34	\$ 1,650,000.00	\$ 1,590,468.79	\$ (428,157.94)	\$ 21,561,809.40	\$ 18,911,318.02	\$ 1,650,000.00	
TOTAL (thru Amendment 16)			\$ 23,385,985.89	\$ 21,935,985.89	\$ 1,800,000.00	\$ 1,390,468.79	\$ (178,696.74)	\$ 21,202,718.57	\$ 17,356,208.64	\$ 1,450,000.00	