ADDENDUM NO. 1

TO THE CONTRACT DOCUMENTS

(PROJECT MANUAL, TECHNICAL SPECIFICATIONS AND DESIGN DRAWINGS)

FOR THE

AIRFIELD LIGHTING, NAVAIDS AND SIGNAGE UPGRADES PROJECT BID NO. 2023-BRAA-01 BOCA RATON AIRPORT

Project funded by:

BOCA RATON, FLORIDA

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)

February 17, 2023 PAGE 1 of 1

TO: ALL HOLDERS OF CONTRACT DOCUMENTS

- **a.** Your attention is directed to the following interpretations of, changes in, and additions to the Contract Specifications and Plans for the above-named project at Boca Raton Airport, Boca Raton, Florida.
- **b.** This Addendum is part of the Contract Documents and Plans, and the bidders are required to acknowledge receipt of this Addendum in the space provided below.
- c. Addendums are to be submitted along with the Bid Documents for a complete Bid.

This addendum includes the following (see attachments):

- 1. List of Questions Submitted by the February 14, 2023, 2:00 PM, Local Time, deadline and associated Responses
- 2. Pre-Bid Conference Agenda/Meeting Minutes, Presented Materials, and Sign-in sheet
- 3. Plan Holders List
- 4. Revised Instruction to Bidders Page 3 of 9
- 5. Revised Bid Form Page 3 of 36
- 6. Revised Bid Form Page 6 of 36
- 7. Revised Technical Specification P-102

Acknowledged:	(Signature of Bidder)
Name of Bidder:	Date:

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES

BID NO.: 2023-BRAA-01

BID NO. 2023-BRAA-001

LIST OF QUESTIONS SUBMITTED BY THE FEBRUARY 14, 2023, 2:00 pm, LOCAL TIME DEADLINE AND ASSOCIATED RESPONSES

1. What is the project estimate/budget?

Response: Budget is estimated at approximately \$4 million.

2. Please clarify acceptance of bid. Instruction to Bidders states that award will be within 90 calendar days and must remain open for 150 calendar days. However, proposal states that award will be within 120 calendar days and offers must remain open for 120 calendar days.

Response: The award will be within 90 calendar days and offers must remain open for 120 calendar days. Instruction to Bidders (IB) page 3 of 9 and Bid Form (BF) page 3 of 36 have been revised to reflect this change and included as part of this Addendum. Please use this (attached) revised Bid Form page for bid submission in lieu of the original Bid Form pages 3 of 36 included in the Project Manual.

3. Proposal – Please clarify what monetary limit and bidder's certification number are.

Response: Regarding the monetary limit, please disregard the request for that information. Bid Form pages 3 of 36 and 6 of 36 have been revised to reflect this change and included as part of this Addendum. Please use these revised Bid Form pages for bid submission in lieu of the original Bid Form pages 3 of 36 and 6 of 36 included in the Project Manual.

Regarding the Bidder's certification number, the Bidder must indicate where is has a certified license issued by the state of Florida or a registered license issued by a County and registered with the state of Florida.

4. Please clarify if prevailing wage is required.

Response: There are no requirements to pay the prevailing wage(s) since this project does not include federal funds.

5. Please provide plan holders' list.

Response: Plan holders' list is attached.

- 6. Please provide dimensions (LxWxD) for existing manholes to be demolished. Response: Existing manhole dimensions are approximately 4'L x 4'W x 5'D.
- 7. Specification C-105 states that the CSPP is part of appendix 2. However, Appendix 2 is not included as part of the technical specifications. Please advise.

Response: Technical Specification C-105 is a Mobilization specification that addresses how such is paid (e.g., per percentage of completed work...). The noted specification does not mention the CSPP (Contractor Safety and Phasing Plan). Consequently, no further comment is offered as it relates to C-105.

Technical Section P-102 - Safety Security and Maintenance of Airfield Operations, first paragraph, states "The Airport has completed a Construction Safety and Phasing Plan (CSPP), which is included in Appendix 2 of the Technical Specifications."

BID NO.: 2023-BRAA-01

BID NO. 2023-BRAA-001

LIST OF QUESTIONS SUBMITTED BY THE FEBRUARY 14, 2023, 2:00 pm, LOCAL TIME DEADLINE AND ASSOCIATED RESPONSES (continued)

Appendix 2 does not apply; therefore, corresponding reference is deleted. The CSPP comprises the family of contract documents to include Drawings G002 thru G006, G100 and Technical Specification P-102. For clarity, Replace Page P102-1 of 10 (January 2023) with (Rev.1, 02-17-2023), attached herein.

8. Please provide dimensions for the unlit signs to be replaced.

Response: Unlit sign dimensions are as follows:

- a. Unlit Sign 1 (East Side) = 48" x 48"
- b. Unlit Sign 1 (West Side) = 48" x 48"
- c. Unlit Sign 2 = 24" x 36"
- d. Unlit Sign 3 = 48" x 48"
- e. Unlit Sign 4 = 24" x 36"
- f. Unlit Sign 5 = 24" x 36"
- g. Unlit Sign 6 = 48" x 48"
- h. Unlit Sign 7 = 24" x 48"

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES BID NO.: 2023-BRAA-01



Meeting Minutes

Pre-Bid Conference for Airfield Lighting, NAVAIDS, and Signage Upgrades at Boca Raton Airport

BID NO. 2023-BRAA-001

PROJECT FUNDED BY:

Florida Department of Transportation, and Boca Raton Airport Authority

Tuesday, February 7, 2023 2:00 PM Boca Raton Airport

1. OWNER Boca Raton Airport Authority (BRAA)

Clara Bennett Executive Director Scott Kohut Deputy Director

Travis Bryan Airport Operations Director

2. AIRPORT'S GENERAL CONSULTANT

Ricondo & Associates, Inc.

3. **DESIGNER/ENGINNERS** Quantum Electrical Engineering, Inc.

Amy Champagne, PE (amy.champagne@quantum-ee.com)

Jim Kappes james.kappes@quantum-ee.com

4. BID SUBMITTAL DATE Friday, February 24, 2023; 2:00 pm, Local Time

Boca Raton Airport (BCT) 903 NW 35th Street

Boca Raton, Florida 33431

Attn: Travis Bryan, Operations Director

Phone: (561) 391-2202 Ext. 210

Bid proposals must be submitted on the forms provided by BRAA and accompanied by a bid security in the form of a certified check, cashier's check, money order or a bid bond, submitted on the form provided, in favor of BRAA in the amount of not less than five percent (5%) of the bid price. Bidders are required to submit three (3) sealed copies of their Bid with all required documentation, complete.

Airfield Lighting, NAVAIDS and Signage Upgrades BID NO. 2023-BRAA-001 Pre-Bid Conference February 7, 2023

5. **BID DOCUMENTS** – Plans, Specifications, and Addenda can be obtained by contacting Boca Raton Airport. Contact Person:

Travis Bryan, Airport Operations Director Phone: (561) 391-2202 Ext. 210 e-mail- travis@bocaairport.com

6. **BID FORM**

Allowance Accounts

Line Item 14 Electrical: Modify ALCMS \$22,000 (L 109 5.4)
Line Item 42 General Building Allowance Account \$75,000 (W 103)

7. CONTRACT TERM AND COMPLETION SCHEDULE

Administrative Activities Period (NTP)	120	Calendar Days
Notice to Proceed (NTP – Construction Period)	130	Calendar Days
Substantial to Final Completion (close-out)	30	Calendar Days
Total (Calendar Days are Cumulative)	280	Calendar Days

Work Hours (Construction)

Night work: 9:00 PM – 7:00 AM, Sunday night through Friday morning

Runway closure requirements and procedures (MOT)

120-Day Administrative Period Activities

- Quality Control Plan
- Safety Plan
- CPM Schedule with Critical Milestones
- Submittals for Long Lead Items
- Procurement time for Long Lead Items (electrical; other)

8. CONRACTOR BIDS AND ANTICIPATED CONTRACT AWARD

Anticipated NTP for Contract Work (Administrative period): soon after the April 19, 2023
 Board Meeting

9. DBE PARTICIPATION REQUIREMENTS - C&S Companies (C&S)

- 2.02% DBE Goal
- Good Faith Efforts
- 10. **SAFETY AND SECURITY** Security badges are required to operate on the Airport Operations Area (AOA). Cost per badge is \$25 dollars per badge and shall be considered incidental to the work bid.

Airfield Lighting, NAVAIDS and Signage Upgrades BID NO. 2023-BRAA-001 Pre-Bid Conference February 7, 2023

11. PERMIT FEES

Contractor shall file Notice of Intent to Florida Department of Environmental Protection (FDPE) for ALL Permits and Licenses required for the Construction Work.

12. BID DOCUMENT CLARIFICATIONS/REQUESTS FOR INFORMATION

All questions pertaining to design and construction must be in writing.

E-mail all questions to: Travis Bryan, Airport Operations Director travis@bocaairport.com

Last date to submit questions is Tuesday, February 14, 2023, 2:00 PM EST.

13. PROJECT SCOPE

Project Phasing (George Garcia; Ricondo)

- Staging area and gate access (GC-Airport coordination)
- Access and haul route
- Phasing plan

Airfield, NAVAIDS and Signage Upgrades (Jim Kappes; QEE)

- Demolition of existing electrical systems
- Electrical design and systems

14. PROJECT SPECIFIC DATA

No work periods (and Airport holidays) – Article 55 Thanksgiving (week) – November 19 thru 23, 2023 Christmas/New Year's (week) – December 23, 2023 thru January 2, 2024

15. CONTRACTOR QUESTIONS/CLARIFICATIONS

16. MEETING MINUTES

The above agenda was followed with Travis Bryan covering items 1-12, 14 & 15, George Garcia covering project phasing in item 13 and Jim Kappes covering the design overview in item 13.

During open discussion one question was asked by Edwin Rosario (Hypower) asked the following: The proposal ask for monetary limits and the Bidder's certification number in two different places. What are you looking for in there? Travis Bryan stated the question would require further research and that the answer will be provided at a later date. Edwin Rosario (Hypower) stated that he would send this as a written question.

SIGN-IN SHEET

Meeting Time: 2:00pm

Meeting Date: February 7, 2023

_
5
.=
- ta
ā
≥
_
+
o o
ă
.=
\triangleleft
0
at
α
G
×
B
_
TO
S
de
ä
=
g
-
9
ĕ.
\subseteq
.0
S
and Signage Upgr
\subseteq
CO
S
A
>
4
_
(i)
Ę,
ghti
드
.9
Lig
D
a)
E
7
-
ō
4
9
ŭ
(U)
ē
J-F
õ
id Co
T
3
-B
ē
Pre-

Name	Affiliation	Email Address Initials	S
Scott Kohut	Boca Raton Airport/Deputy Director	<u>Scott@bocaairport.com</u>	
Travis Bryan	Boca Raton Airport/Operations Director	travis@bocaairport.com	a
Robert Pratt	Boca Raton Airport/Operations Coordinator	rpratt@bocaairport.com	
James Kappes	Quantum Electrical Engineering, Inc.	James.kappes@quantum-ee.com	JOK.
Mike Beldowicz	Quantum Electrical Engineering, Inc.	Michael.Beldowicz@quantum-ee.com	B
George GARRIE	Ricordo	GGARCIA PLICONDS, COM CO	B
Edewin KOSARCO	13mg/st	Exposurio hunaverin 3	
There Francieur	Hypower	HEANCOCKE MYEDWATING, COM	Com?
Jacob Essela	Porcisar Associated (via Zoom)		
Lorrel Haffenden	BRAA	Thattenden Docaairpint, 144	1/2
Tom Sims	HI Pruitt (Via Zoom)		
Luke Hutchson	Trivity Electrical (Via 2000)		-
Lit mondelo	Horse power Electric (via Zoon)		
Kenin Kally	(Fouse Hoods (Vra Zwom)		
DOCUL HEATHATTE	America Intransture Beneficians	(c Zoem)	
Hannah Invitand	Roca Radon Airport Hulfraring	Mumah Bocacingory.com All	1

SIGN-IN SHEET

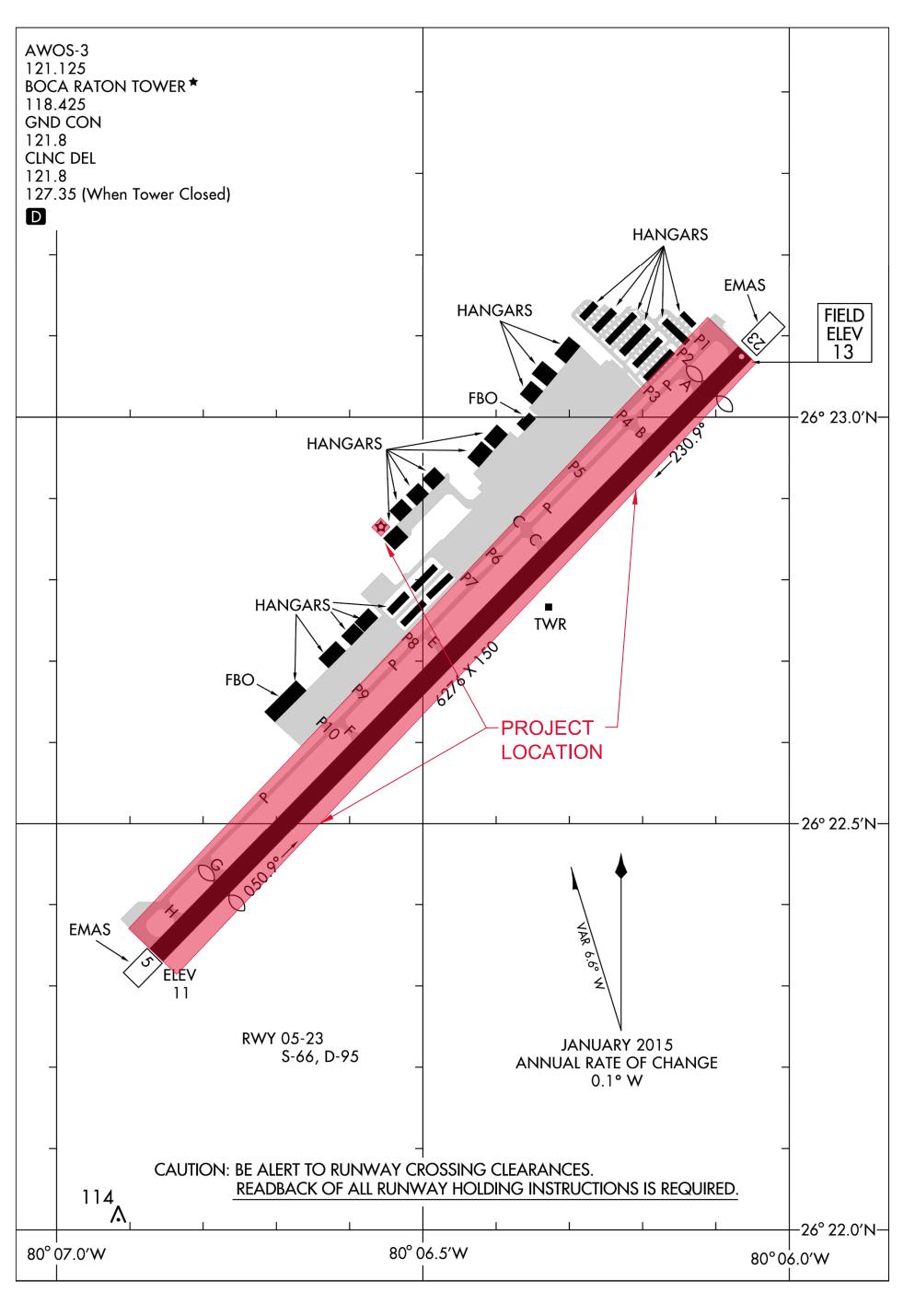
Meeting Date: February 7, 2023

2:00pm

Pre-Bid Conference for Airfield Lighting, NAVAIDS and Signage Upgrades at Boca Raton Airport Meeting Time:

	Affiliation	Email Address	Initials
Jim TEKERA	EATEN GROUSE HUNDS (VIG 200M)	(mad	
PraH	BR4H		
Autry	Royal Electric Company (Wig Zuom)		
			10 mpm / 1

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES





BID DOCUMENTS

JANUARY 2023

PREPARED BY:



2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL33411 561-290-9224 LICENSE NO. CA30805

SHEET LIST TABLE		
SHEET NUMBER	SHEET TITLE	
G001	COVER SHEET	
G002	GENERAL NOTES	
G003	CONTRACT LAYOUT PLAN	
G004	SAFETY AND SECURITY NOTES	
G005	SAFETY AND SECURITY DETAILS	
G006	AIRSPACE PROTECTION PLAN	
G100	PHASING PLAN	
E001	ELECTRICAL GENERAL NOTES	
E002	ELECTRICAL LEGEND	
E003	ELECTRICAL DEMO & INSTALL NOTES	
E101	ELECTRICAL DEMOLITION PLAN SHEET 1	
E102	ELECTRICAL DEMOLITION PLAN SHEET 2	
E103	ELECTRICAL DEMOLITION PLAN SHEET 3	
E104	ELECTRICAL DEMOLITION PLAN SHEET 4	
E105	ELECTRICAL DEMOLITION PLAN SHEET 5	
E106	ELECTRICAL DEMOLITION PLAN SHEET 6	
E107	ELECTRICAL DEMOLITION PLAN SHEET 7	
E201	ELECTRICAL LAYOUT PLAN SHEET 1	
E202	ELECTRICAL LAYOUT PLAN SHEET 2	
E203	ELECTRICAL LAYOUT PLAN SHEET 3	
E204	ELECTRICAL LAYOUT PLAN SHEET 4	
E205	ELECTRICAL LAYOUT PLAN SHEET 5	
E206	ELECTRICAL LAYOUT PLAN SHEET 6	
E207	ELECTRICAL CIRCUITRY PLAN SHEET 7	
E301	ELECTRICAL CIRCUITRY PLAN SHEET 1	
E302 E303	ELECTRICAL CIRCUITRY PLAN SHEET 2 ELECTRICAL CIRCUITRY PLAN SHEET 3	
E304	ELECTRICAL CIRCUITRY PLAN SHEET 3 ELECTRICAL CIRCUITRY PLAN SHEET 4	
E305	ELECTRICAL CIRCUITRY PLAN SHEET 5	
E306	ELECTRICAL CIRCUITRY PLAN SHEET 6	
E307	ELECTRICAL CIRCUITRY PLAN SHEET 7	
E308	ELECTRICAL CIRCUITRY PLAN SHEET 8	
E401	AIRFIELD VAULT ELECTRICAL DEMOLITION PLAN	
E402	AIRFIELD VAULT ELECTRICAL INSTALLATION PLAN	
E403	ELECTRICAL RISER DIAGRAMS	
E404	ALCMS GRAPHICS DETAIL	
E501	ELECTRICAL DETAILS	
E502	ELECTRICAL DETAILS	
E503	ELECTRICAL DETAILS	
E504	ELECTRICAL DETAILS	
E505	ELECTRICAL SIGNAGE DETAILS	
E506	ELECTRICAL SIGNAGE DETAILS	
E507	SIGNAGE SCHEDULES	
E508	SIGNAGE SCHEDULES	
E509	SIGNAGE SCHEDULES & NOTES	

SHEET LIST TABLE





2755 VISTA PARKWAY SUITE WEST PALM BEACH, FL 334 561-210-9224 LICENSE NO. CA30805



RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727

Revision Schedule				
No.	Description	Date		
1	90% Submittal	12-07-2022		
2	100% Submittal	01-05-2023		

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES

BOCA RATON AIRPORT BOCA RATON, FL 33431

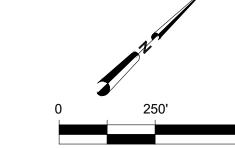
COVER SHEET

G001

Submittal:
BID DOCUMENTS

JANUARY 2023

AIRPORT DIAGRAM





CUANTUM Electrical Engineering, Inc.

2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224 LICENSE NO. CA30805



RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727

Comm No.:

Project No.
drawn by:
design by:
checked by:

Revision Schedule			
No.	Date		
No. Description 1 90% Submittal 2 100% Submittal		12-07-2022	
		01-05-2023	

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES

> BOCA RATON AIRPORT BOCA RATON, FL 33431

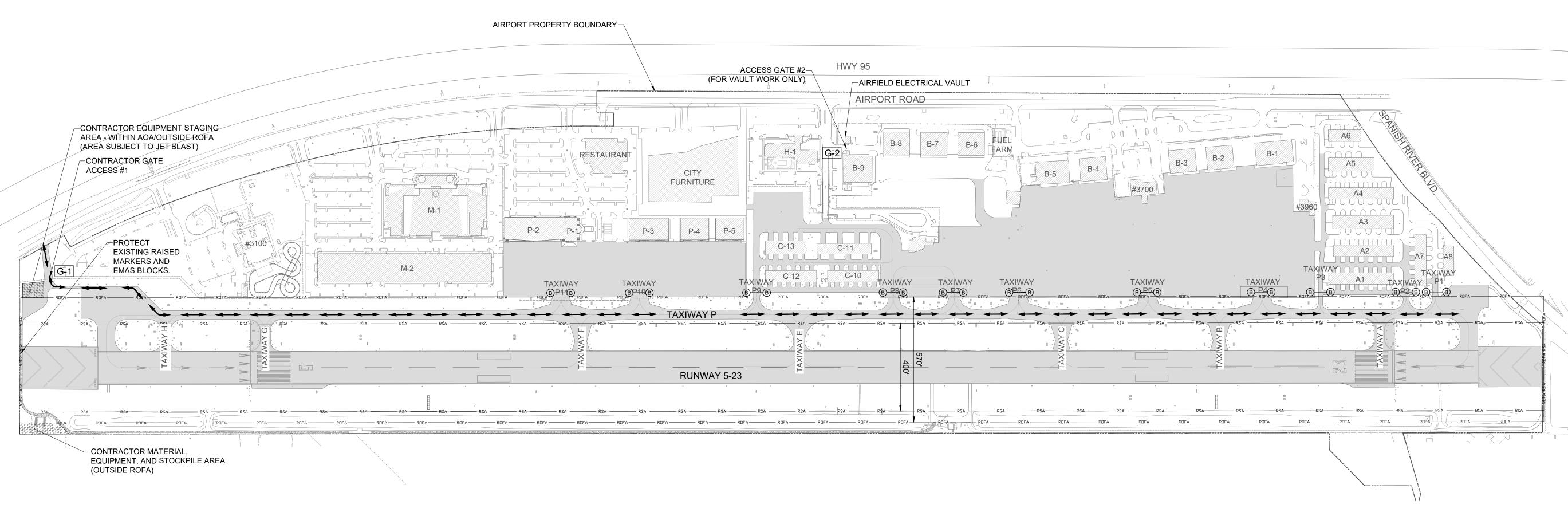
CONTRACT LAYOUT PLAN

G003

Submittal: Issue Date:
BID DOCUMENTS JANUARY 2023

SHALL ACQUIRE APPLICABLE PERMITS FROM LOCAL AGENCIES FOR ANY MODIFICATIONS TO THE

13 12 11 10 9 8 7 6 5 4 3



- 1. REFER TO SAFETY AND SECURITY NOTES, SHEET G004 FOR AIR OPERATIONS AREA SECURITY PROCEDURES.
- 2. REFER TO ABOVE PLAN FOR CONTRACTOR STAGING AREA LOCATIONS.
- 3. THE CONTRACTOR SHALL NOT HAUL MATERIALS OR EQUIPMENT ACROSS ANY ACTIVE RUNWAY OR TAXIWAY WITHOUT A CONTRACTOR SUPPLIED FLAGMAN.
- 4. THE CONTRACTOR'S ACCESS TO THE CONSTRUCTION SITE AND HAUL ROADS ARE IDENTIFIED ON THE PLANS. THE CONTRACTOR SHALL NOT USE ANY ACCESS OR HAUL ROADS OTHER THAN THOSE APPROVED. THE CONTRACTOR MUST SUBMIT SPECIFIC ROUTES ASSOCIATED WITH CONSTRUCTION ACTIVITIES TO THE OWNER FOR EVALUATION AND APPROVAL AS PART OF THE SAFETY AND PHASING PLAN BEFORE BEGINNING CONSTRUCTION ACTIVITIES. THESE ROUTES MUST ALSO PROVIDE SPECIFICATIONS TO PREVENT INADVERTENT ENTRY TO MOVEMENT AREAS. THE CONTRACTOR SHALL PAY SPECIAL ATTENTION TO ENSURE THAT CONSTRUCTION TRAFFIC ON HAUL ROADS DOES NOT INTERFERE WITH AIRSPACE PROTECTION SURFACES OF OPERATIONAL RUNWAYS.
- 5. HAULING WILL BE REQUIRED ALONG EXISTING TAXIWAYS, RUNWAY, AND APRONS THROUGHOUT THE DURATION OF THE PROJECT. AT THE CONCLUSION OF EACH WORK DAY, PAVED PORTIONS ON OR ADJACENT TO THE HAUL ROUTE SHALL BE SWEPT WITH A VACUUM TRUCK AND CHECKED FOR FOREIGN OBJECT DEBRIS (FOD) PRIOR TO OPENING UP THE RUNWAY, TAXIWAY, OR APRON TO TRAFFIC. THE CONTRACTOR SHALL MAKE PROVISIONS TO HAVE A VACUUM TRUCK ON SITE AT ALL TIMES. THE CONTRACTOR SHALL NOT LEAVE OR PLACE FOD ON OR NEAR ACTIVE AIRCRAFT MOVEMENT AREAS. MATERIALS TRACKED ONTO THESE AREAS MUST BE CONTINUOUSLY REMOVED DURING CONSTRUCTION.
- 6. THE CONTRACTOR SHALL GIVE THE RIGHT OF WAY TO THE PUBLIC WHILE USING PUBLIC ROADS. THE CONTRACTOR SHALL NOT BLOCK ROADWAYS AND ACCESS TO BUSINESSES. THE CONTRACTOR SHALL PROVIDE FLAGMEN TO DIRECT TRAFFIC IF TRUCKS OR VEHICLES ARE TEMPORARILY PARKED ON PUBLIC OR AIRPORT OWNED ROADWAYS. MAINTENANCE OF TRAFFIC SHALL MEET ALL LOCAL REQUIREMENTS AND GUIDELINES.
- 7. THE CONTRACTOR SHALL GIVE THE RIGHT OF WAY TO ALL MOVING AIRCRAFT.
- 8. ANY USE OF PRIVATE PROPERTY BY THE CONTRACTOR, INCLUDING PRIVATE OR LEASED ROADWAYS AND APRONS, SHALL BE COORDINATED IN ADVANCE WITH THE CITY OF BOCA RATON AND BRAA FOR APPROVAL.
- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES FOR IMPROPER OR ILLEGAL USE OF PUBLIC OR PRIVATE PROPERTY IN THE PERFORMANCE OF THIS WORK AT HIS/HER EXPENSE.
- 10. MOTORIZED VEHICLES AND EQUIPMENT OPERATING IN THE AOA SHALL NOT EXCEED THE POSTED SPEED LIMIT OR 10 MPH, WHICHEVER IS LESS.
- 11. VEHICULAR TRAFFIC CROSSING ACTIVE MOVEMENT AREAS MUST BE CONTROLLED EITHER BY TWO-WAY RADIO OR ESCORT. VEHICLE DRIVERS MUST CONFIRM BY PERSONAL OBSERVATION THAT NO AIRCRAFT IS APPROACHING THEIR POSITION.

- STAGING AREA, SUCH AS SECURITY FENCING, GRADING AND DRAINAGE, OR INSTALLING UTILITIES SUCH AS WATER, SEWER, AND POWER. CONTRACTOR'S STAGING AREA, ACCESS ROADS, AND OTHER AREAS USED BY THE CONTRACTOR SHALL BE RETURNED TO ITS ORIGINAL CONDITION AFTER THE CONSTRUCTION IS COMPLETE (UNLESS LEFT IN A CONDITION ACCEPTABLE TO BRAA) AND ALL EQUIPMENT, TRAILERS, ETC. ARE REMOVED OFF THE AIRPORT PROPERTY. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE BID UNIT PRICE FOR MOBILIZATION.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING HIS/HER OWN UTILITIES, TEMPORARY FENCING, LIGHTING, AND OTHER ITEMS NECESSARY FOR THE STAGING AREA. COST FOR TEMPORARY UTILITIES AND LIGHTING SHALL BE INCLUDED IN THE BID UNIT PRICE FOR MOBILIZATION.
- 14. THE CONTRACTOR IS RESPONSIBLE FOR SECURING THEIR STOCKPILE AND STAGING AREAS, EQUIPMENT, AND MATERIALS LOCATED ON AIRPORT PROPERTY.
- 15. THE CONTRACTORS CONSTRUCTION TRAILER SHALL BE PLACED SO THAT IT IS 10' MIN. CLEAR OF ALL OBJECTS INCLUDING AOA FENCE.
- 16. TEMPORARY ROADS, HAUL ROADS, TRAFFIC AND WORK AREAS SHALL BE STABILIZED WITH DUST PALLIATIVE, PENETRATION ASPHALT, WOOD CHIPS, OR OTHER APPROVED MEASURES TO PREVENT DUST POLLUTION.
- 17. DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, OTHER CONSTRUCTION PROJECTS MAY BE AUTHORIZED BY BRAA. IF SO, THE CONTRACTOR SHALL COOPERATE AND COORDINATE WITH OTHER CONTRACTORS WORKING ON THE AIRPORT AND UTILIZING THE HAUL ROUTES AND ACCESS GATES USED FOR THIS PROJECT VIA THE RESIDENT PROJECT REPRESENTATIVE. NO ADDITIONAL CONTRACT TIME OR PAYMENT SHALL BE GIVEN FOR THIS COORDINATION, IF NECESSARY.

LEGEND	
	AIRPORT PROPERTY LINE
	EXISTING BUILDING
RSA	RUNWAY SAFETY AREA
ROFA	RUNWAY OBJECT FREE AREA
G-1	SECURITY GATE
\leftrightarrow	GENERAL AOA HAULING ROU

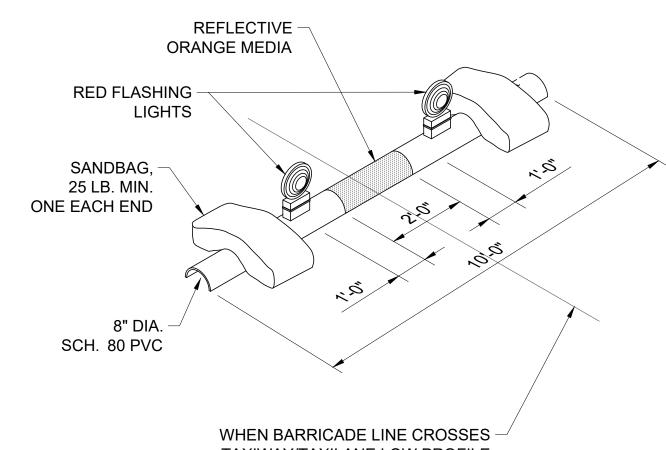
12. THE CONTRACTOR SHALL ACQUIRE APPLICABLE PERMITS FROM LOCAL AGENCIES FOR ANY MODIFICATIONS TO THE

VEHICLE FLAG

ALL VEHICLES SHALL BE EQUIPPED WITH A FLAG WHILE IN THE AIR OPERATION AREA (AOA).

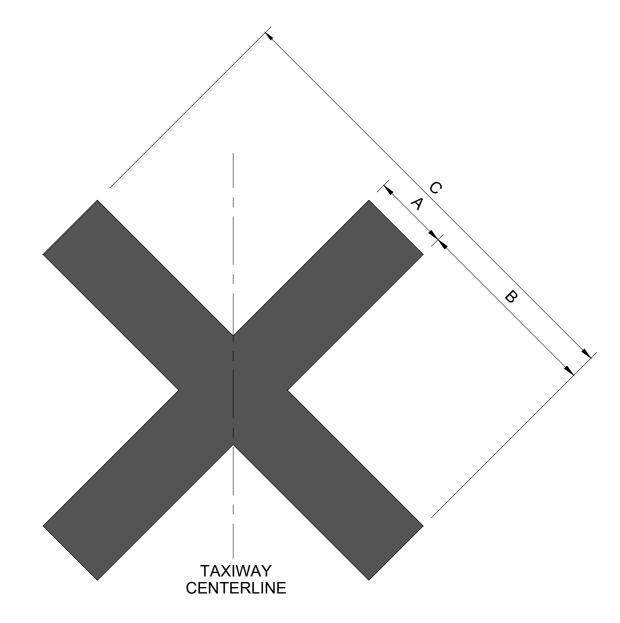
LOW PROFILE BARRICADE NOTES:

- 1. MAXIMUM TOTAL HEIGHT OF BARRICADES SHALL NOT BE MORE THAN 18 INCHES.
- 2. PLACE TYPICAL BARRICADES, ALONG THE LIMITS OF THE PHASES OF WORK, AS SHOWN IN THESE PLANS TO DELINEATE THE CONTRACTOR'S WORK AREAS AND CLOSED RUNWAY/TAXIWAYS/TAXILANES.
- 3. BARRICADE SECTIONS SHALL BE ALL WHITE WITH REFLECTIVE ORANGE MEDIA AS SHOWN ON DETAIL. ALL INCIDENTAL CONNECTORS, SPACERS, SPLICE PLATES ETC., SHALL BE PAINTED WHITE.
- 4. ALL BARRICADES SHALL BE CHECKED VISUALLY FOR SIGNS OF WEAR AND TEAR ON A DAILY BASIS AND SHALL BE REPAINTED WHEN DEEMED APPROPRIATE BY THE OWNER. ALL LIGHT FIXTURES SHALL BE IN GOOD WORKING ORDER AND SHALL BE CHECKED BY THE CONTRACTOR ON A DAILY BASIS BEFORE THE CONTRACTOR CEASES OPERATIONS
- 5. ALL BARRICADES SHALL BE MOVED AT LEAST ONCE EACH WEEK AND THE CONTRACTOR SHALL SWEEP THE ACCUMULATED DEBRIS AS WELL AS REMOVE AND DISPOSE OF THE DEBRIS OFFSITE AT AN APPROVED DISPOSAL FACILITY. THE BARRICADES SHALL THEN BE REPLACED AT THE APPROPRIATE LOCATION.
- 6. CAUTION LIGHTS SHALL BE RED IN COLOR AND FLASHING DURING HOURS OF DARKNESS.
- 7. PLACE ALL LOW PROFILE BARRICADES AT A MAXIMUM END TO END SPACING OF FOUR (4) FEET OR 8 FEET WHERE ARFF OR VEHICULAR TRAFFIC IS NEEDED.
- 8. THE CONTRACTOR MAY SUBSTITUTE AN APPROVED EQUAL LOW PROFILE BARRICADE CONFORMING TO DETAILS AND SPECIFICATIONS.
- BARRICADES SHALL BE FURNISHED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE BARRICADES AS REQUIRED BY AIRPORT MANAGEMENT AND OFF AIRPORT PROPERTY ONCE THE WORK IS COMPLETE.
- 10. AIRPORT MANAGEMENT SHALL BE NOTIFIED PRIOR TO PLACING BARRICADES, AND SHALL BE PRESENT DURING PLACEMENT OF BARRICADES.



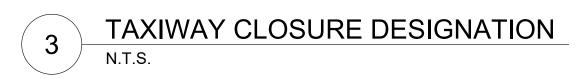
TAXIWAY/TAXILANE LOW PROFILE BARRICADE SHALL BE CENTERED ON TAXIWAY/TAXILANE CENTERLINE.

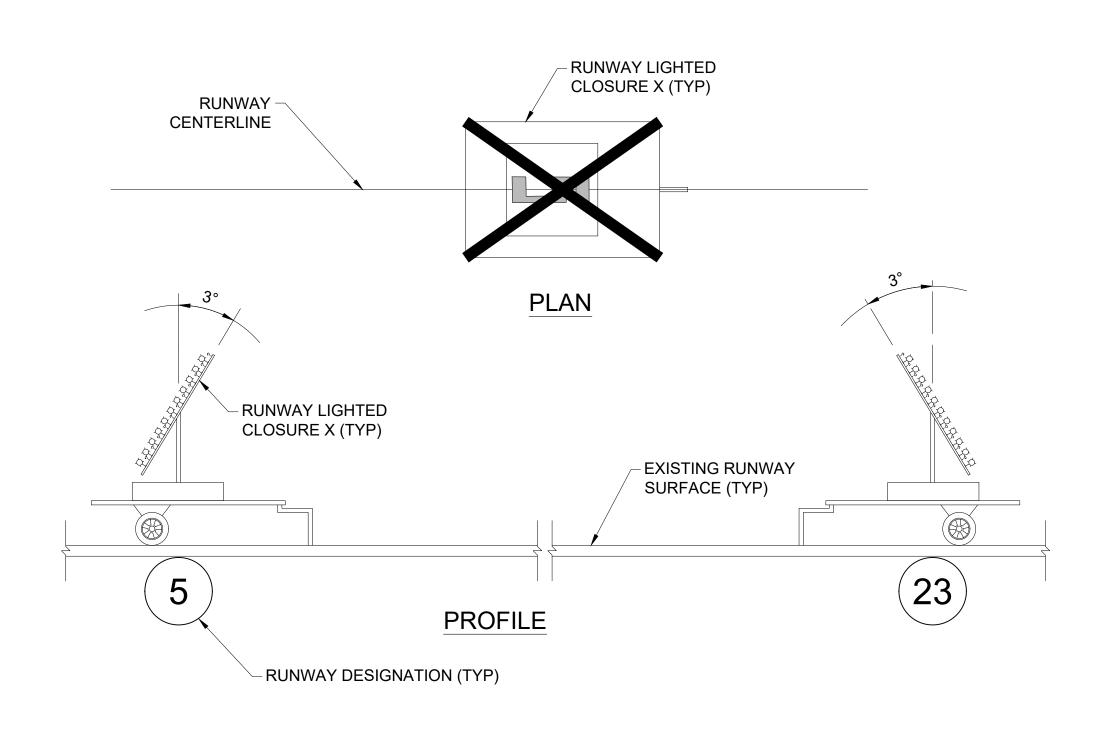
LOW PROFILE BARRICADE DETAIL



DESCRIPTION	DIMENSION A	DIMENSION B	DIMENSION C
CLOSED TAXIWAY	5'	12.5'	30'

NOTE: THE "X" SHALL BE YELLOW IN COLOR AND MADE OF STURDY REMOVABLE MATERIAL SUCH AS 3/4" PLYWOOD (OR SIMILAR) THAT WILL NOT DAMAGE THE PAVEMENT SURFACE. IT SHALL BE ANCHORED WITH SAND BAGS TO PROTECT AGAINST WIND AND JETBLAST AND MAINTENANCE OF THE "X" SHALL BE INCIDENTAL TO COST OF MAINTENANCE OF TRAFFIC.





TYPICAL TRAILER MOUNTED LIGHTED X'S DETAIL

RUNWAY CLOSURE MARKER NOTES:

- CONTRACTOR SHALL SUPPLY TWO LIGHTED RUNWAY CLOSURE MARKERS (LIGHTED RUNWAY X'S) FOR THIS PROJECT.
- 2. MARKERS SHALL BE PLACED ON BOTH ENDS OF THE RUNWAY, COVERING THE RUNWAY NUMERALS, AS SHOWN BELOW AND IN ACCORDANCE WITH FAA AC 150/5370-2, LATEST EDITION
- MARKERS SHALL BE PLACED IMMEDIATELY WHEN THE RUNWAY IS CLOSED. THE CONTRACTOR SHALL REMOVE THE MARKERS WHEN DIRECTED BY THE RESIDENT PROJECT REPRESENTATIVE OR AIRPORT OPERATIONS. PRIOR TO REOPENING THE RUNWAY.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FUEL COSTS, LIGHT BULB REPLACEMENT AND BATTERY MAINTENANCE. ADEQUATE FUEL AND LIGHT BULBS SHALL BE AVAILABLE TO ENSURE NO INTERRUPTION IN RUNWAY CLOSURE MARKER SERVICE DURING WORK HOURS.
- 5. ALL COSTS ASSOCIATED WITH PROVIDING, PROVIDING SETTING UP, TRANSPORTING AND MAINTAINING THE RUNWAY CLOSURE MARKERS SHALL BE INCLUDED IN THE BID UNIT PRICE FOR C-105.





2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224 LICENSE NO. CA30805



RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727

Project No <u>drawn by:</u> checked by

> Revision Schedule Date Description 90% Submittal 12-07-2022 01-05-2023 100% Submittal

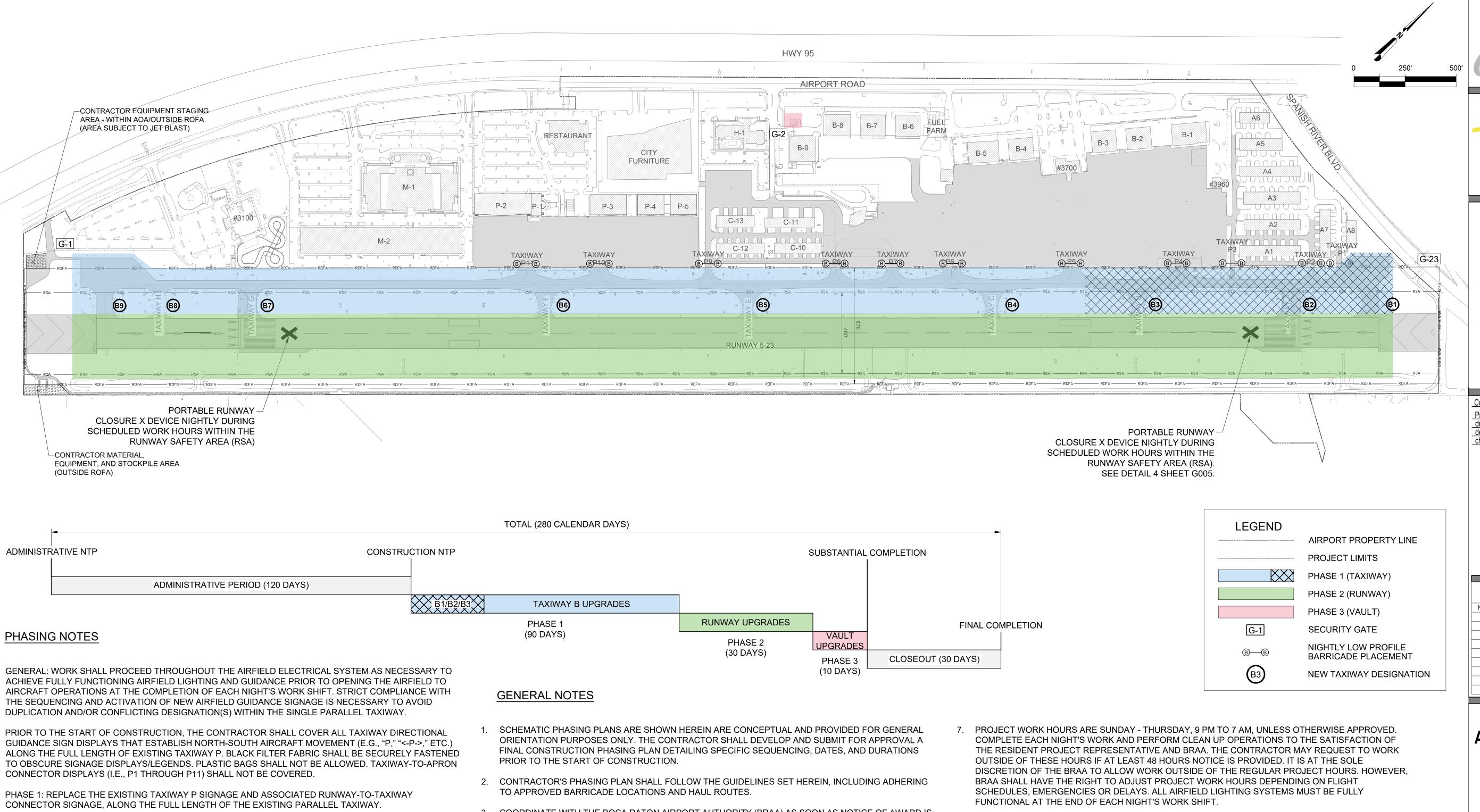
AIRFIELD LIGHTING, NAVAIDS, AND **SIGNAGE UPGRADES**

> **BOCA RATON AIRPORT** BOCA RATON, FL 33431

SAFETY AND SECURITY DETAILS

Issue Date: JANUARY 2023

BID DOCUMENTS



8. SUBSTANTIAL COMPLETION OF PHASES INCLUDES ALL ELECTRICAL AND GRADING WORK NECESSARY TO OPEN THAT RESPECTIVE PHASE TO AIR TRAFFIC. ALL ELECTRICAL, GRADING, AND SODDING MUST BE IN PLACE AND USEABLE WITHIN THE LIMITS OF THE SAFETY AREA FOR SUBSTANTIAL COMPLETION.

9. SUBSTANTIAL COMPLETION OF THE CONTRACT SHALL BE IN ACCORDANCE WITH THE SCHEDULE SHOWN ABOVE. AN ADDITIONAL 30 CALENDAR DAYS WILL BE ALLOTTED BEYOND SUBSTANTIAL COMPLETION FOR THE CONTRACTOR TO TOTALLY COMPLETE ALL PUNCHLIST WORK ITEMS AND ASSOCIATED PROJECT CLOSEOUT DOCUMENTATION.

10. HOLIDAY PERIODS ARE DESIGNATED AS NO WORK PERIODS, WHICH MAY OCCUR DURING ANY PHASE OF WORK AND ARE DEPENDENT ON THE ISSUANCE OF THE NOTICE-TO-PROCEED (NTP) DATES FOR CONSTRUCTION. IF WORK IS UNDERWAY DURING SUCH PERIODS, THE NOTED CALENDAR DAYS FOR EACH HOLIDAY PERIOD WILL BE ADDED TO THE CONTRACT TIME AT NTP. REFER TO CONTRACT MANUAL FOR SPECIFIC HOLIDAYS AND ASSOCIATED DURATIONS.

11. LOW PROFILE BARRICADES SHALL BE PLACED ALONG THE FULL LENGTH OF THE TAXIWAY CONNECTOR WIDTH AS SHOWN. THE EXACT NUMBER OF BARRICADES NEEDED AT EACH LOCATION SHALL BE BASED ON THE MAXIMUM ALLOWED SPACING BETWEEN 10 FOOT LONG BARRICADES. SEE BARRICADE DETAIL.



2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224

LICENSE NO. CA30805



RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511

(305) 260-2727

Comm No. Project No <u>drawn by:</u> checked by

Revision Schedule Description 12-07-2022 90% Submittal 100% Submittal

AIRFIELD LIGHTING. NAVAIDS, AND **SIGNAGE UPGRADES**

BOCA RATON AIRPORT BOCA RATON, FL 33431

PHASING PLAN

Issue Date:

3. COORDINATE WITH THE BOCA RATON AIRPORT AUTHORITY (BRAA) AS SOON AS NOTICE OF AWARD IS ISSUED SO THAT BADGING, VEHICLE DECALS AND OTHER PERMITS CAN BE OBTAINED IN A TIMELY MANNER. BRAA WILL MAKE EVERY EFFORT TO ACCOMMODATE THE CONTRACTOR BUT FAILURE TO OBTAIN BADGING AND OTHER PERMITS WILL NOT BE REASONS FOR TIME EXTENSION OR WAIVER OF LIQUIDATED DAMAGES.

SUPPLY A COMPLETE AND DETAILED CONSTRUCTION SCHEDULE TO THE BRAA BASED ON THE FOLLOWING PHASING REQUIREMENTS FOR REVIEW AND APPROVAL BEFORE ANY CONSTRUCTION ON SITE CAN BEGIN.

5. PLAN WORK SO THAT ALL MOBILIZATION ACTIVITIES, INCLUDING SHOP DRAWING SUBMITTALS ARE PREPARED AND SUBMITTED TO THE BRAA IN A TIMELY MANNER. AS SOON AS POSSIBLE, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR LONG LEAD ITEMS SUCH AS AIRFIELD ELECTRICAL EQUIPMENT.

6. THE BRAA WILL BE IN OPERATION DURING THE DAY. COORDINATION OF WORK WITH BRAA AND THE RESIDENT PROJECT REPRESENTATIVE IS MANDATORY SO AS TO MINIMIZE IMPACTS TO AIRPORT OPERATIONS. OPERATION OF THE AIRPORT IS OF THE UTMOST IMPORTANCE. WHEN THERE IS A CONFLICT BETWEEN OPERATION OF THE AIRPORT AND CONSTRUCTION, OPERATION OF THE AIRPORT WILL HAVE PRIORITY. ALL COORDINATION WILL OCCUR THROUGH THE RESIDENT PROJECT

REPRESENTATIVE.

END IDENTIFIER LIGHTING CONTROLS, MODIFY AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM.

ESTABLISHMENT OF NEW TAXIWAY NOMENCLATURE/DESIGNATION(S) SHALL COMMENCE AT THE NORTH

RUNWAY-TO-TAXIWAY CONNECTORS 'P,' 'A' AND 'B' SIGNAGE (CROSS-HATCHED AREA WITHIN THE ABOVE

DIAGRAM) SHALL BE SIMULTANEOUSLY REPLACED WITH NEW TAXIWAYS "B1", "B2" AND "B3" DESIGNATIONS

INITIALLY, AS NECESSARY TO AVOID DUPLICATION OF EXISTING AND NEW NOMENCLATURE, FOLLOWED BY:

PHASE 2: REPLACE EXISTING RUNWAY EDGE LIGHTS, DISTANCE REMAINING SIGN MARKERS, RUNWAY END

RUNWAY EDGE LIGHTS (FIXTURES ONLY) SHALL BE REPLACED WITH NEW LED FIXTURES WITHIN A SINGLE

PHASE 3: REPLACE REGULATORS, MODIFY VAULT ELECTRICAL DISTRIBUTION SYSTEM, DEMOLISH RUNWAY

IDENTIFIER LIGHT (REIL) UNITS AND DISPLACED THRESHOLDS LIGHTS. ALL EXISTING INCANDESCENT

NIGHT SHIFT. MIXING OF INCANDESCENT AND LED RUNWAY EDGE LIGHT FIXTURES SHALL NOT BE

END OF THE EXISTING PARALLEL TAXIWAY AND PROGRESS SUCCESSIVELY SOUTHWARD. EXISTING

TAXIWAY 'C' CONNECTOR AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B4

• TAXIWAY 'E' CONNECTOR AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B5

TAXIWAY 'F' CONNECTOR AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B6

TAXIWAY 'G' CONNECTOR AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B7

• TAXIWAY 'P" (SOUTH END) AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B9

ALLOWED.

• TAXIWAY 'H' CONNECTOR AND ASSOCIATED RUNWAY EXIT GUIDANCE WITH B8 AND

BID DOCUMENTS

JANUARY 2023

SCALE: 1/2" = 1'

KEYED NOTES:

- 1 CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF THE EXISTING REGULATOR AND ASSOCIATED JUNCTION BOXES, CONDUITS, CONDUCTORS/CABLES AND CHANNEL. PULL BACK ALL POWER CONDUCTORS TO PANEL. PROTECT THE EXISTING AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS) CONTROL CABLES DURING CONSTRUCTION FOR REUSE WITH NEW REGULATOR AND COORDINATE WITH ALCMS MANUFACTURER FOR THE DISCONNECTION AND RECONNECT OF EXISTING CABLES. MAINTAIN THE OPERATION OF ALL AIRFIELD CIRCUITS AT ALL TIMES DURING CONSTRUCTION. REFER TO DEMOLITION ONE-LINE DIAGRAM AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- 2 CONTRACTOR SHALL DISCONNECT, REMOVE AND DISPOSE OF THE EXISTING REIL TRANSFORMER AND LIGHTING CONTACTOR AND ASSOCIATED JUNCTION BOXES, CONDUITS, CONDUCTORS/CABLES AND CHANNEL. PULL BACK ALL CONDUCTORS/CABLES TO PANEL/ALCMS AND LABEL BREAKER AS SPARE. COORDINATE WITH AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS) MANUFACTURER FOR THE DISCONNECTION OF LIGHTING CONTACTOR FROM EXISTING ALCMS. MAINTAIN THE OPERATION OF ALL AIRFIELD CIRCUITS AT ALL TIMES DURING CONSTRUCTION. REFER TO DEMOLITION ONE-LINE DIAGRAM AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION.



REGULATOR TO BE

REMOVED AND

REPLACED 1

PHOTO 1

NOT TO SCALE





RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727 (305) 260-2728



2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224 LICENSE NO. CA30805

AMY L. CHAMPAGNE-BAKER STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 73735

	Revision Schedule	
No.	Description	Date

AIRFIELD LIGHTING, NAVAIDS, AND **SIGNAGE UPGRADES**

> **BOCA RATON AIRPORT** BOCA RATON, FL 33431

AIRFIELD VAULT ELECTRICAL **DEMOLITION PLAN**

E401

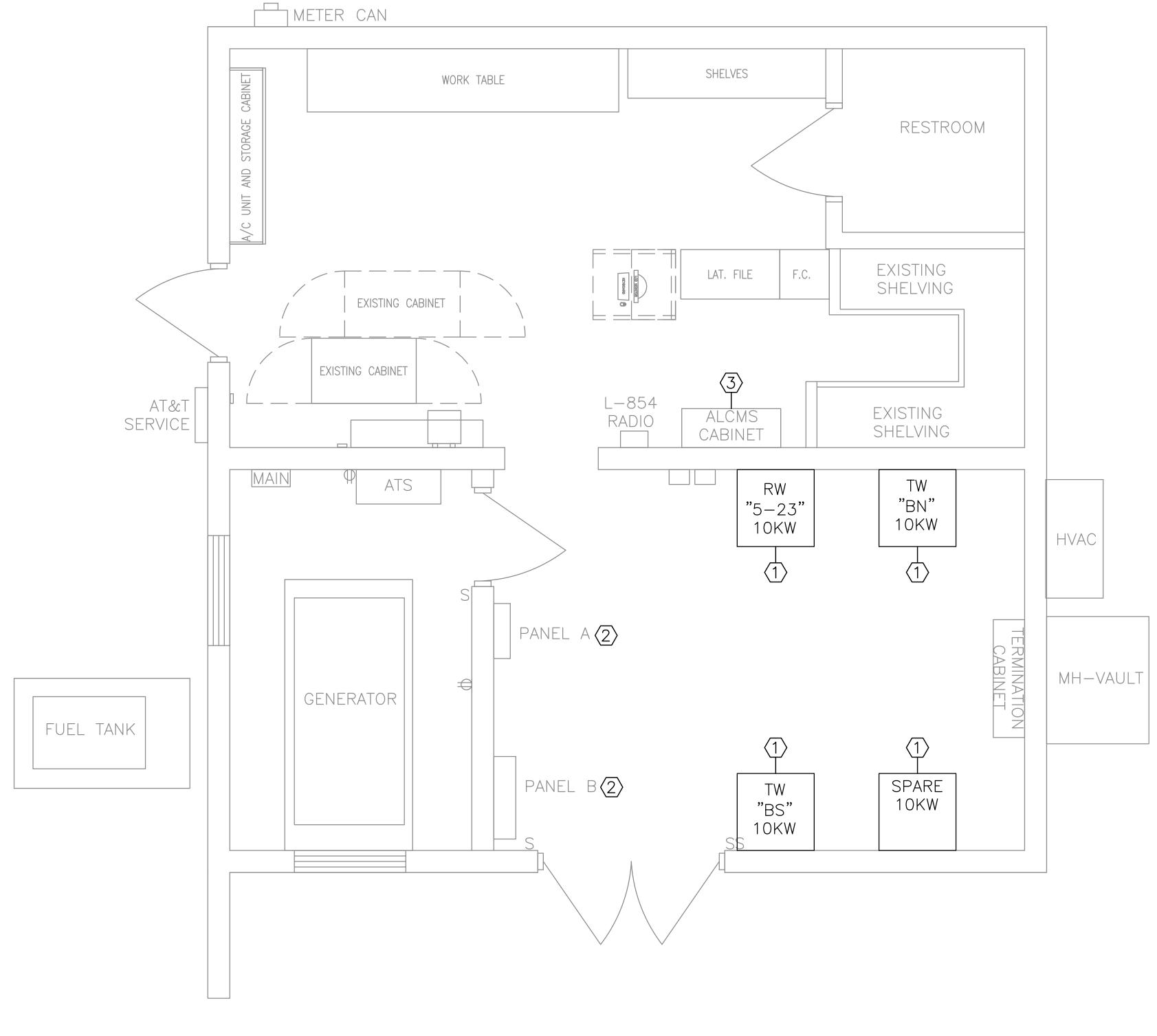
BID DOCUMENTS

JANUARY 2023

EXISTING REIL LIGHTING-CONTACTORS TO BE 2 REMOVED EXISTING REIL — TRANSFORMERS TO BE

2 REMOVED

- EXISTING RW 5-23



AIRFIELD VAULT ELECTRICAL INSTALLATION PLAN

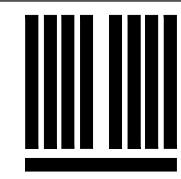
SCALE: 1/2" = 1'

KEYED NOTES:

- CONTRACTOR SHALL PROVIDE AND INSTALL 1-NEW 10KW, L-828, 3-STEP, FERRORESONANT, 240V REGULATOR WITH 120V CONTROL VOLTAGE. PROVIDE AND INSTALL NEW POWER CONDUCTORS AS SHOWN IN ONE-LINE DIAGRAM. RECONNECT THE EXISTING ALCMS CONTROL CABLES TO THE NEW REGULATOR. THE REGULATOR SHALL BE COMPATIBLE WITH EXISTING ALCMS TO PROVIDE ALL REGULATOR STATUS CONDITIONS. MAKE ALL CONNECTIONS NECESSARY FOR A COMPLETE WORKING SYSTEM IN PLACE. SEE DETAILS FOR ADDITIONAL INFORMATION.
- (2) CONTRACTOR SHALL PROVIDE AND INSTALL NEW CIRCUIT BREAKERS IN EXISTING PANEL AND CONNECT NEW CONDUCTORS ACCORDINGLY, REFER TO ONE-LINE DIAGRAMS AND PANEL SCHEDULE FOR ADDITIONAL INFORMATION. CIRCUIT BREAKER SHALL MATCH EXISTING MANUFACTURER TYPE AND RATING.
- THE EXISTING COMPUTERIZED AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS) WAS MANUFACTURED BY ADB SAFEGATE. THE CONTRACTOR SHALL CONTRACT THE MANUFACTURER TO MAKE ALL MODIFICATIONS TO THE HARDWARE, SOFTWARE AND TOUCH SCREEN GRAPHICS FOR THE EXISTING AIRFIELD LIGHTING CONTROL SYSTEM IN THE AIRFIELD VAULT AND TOWER. ADDITIONS AND CHANGES SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 - 1. REPLACEMENT OF EXISTING REGULATORS AND REDUCED FROM 20KW TO 10KW.
 - 2. REMOVAL OF REIL 5 AND REIL 28 CONTROL. (THESE WILL BE POWERED FROM THE RUNWAY CIRCUIT)
 - 3. GRAPHIĆ UPDATE
 - 4. PROGRAMMING

EQUIPMENT, SOFTWARE, SHIPPING AND TAXES SHALL BE INCLUSIVE TO THE ALLOWANCE ACCOUNT. CONTACT INFORMATION FOR ADB SAFEGATE REPRESENTATIVE: PERRY SUGANUMA - (800)-662-2177. THE EXISTING ALCMS SHALL REMAIN IN OPERATION AT ALL TIMES DURING MODIFICATIONS.





RICONDO & Associates

RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727 (305) 260-2728



2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224 LICENSE NO. CA30805

Comm No.:	Commission No.
R & A Project No.	
drawn by:	MRB
design by:	ALC
checked by:	JWK

AMY L. CHAMPAGNE-BAKER STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 73735

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES

> BOCA RATON AIRPORT BOCA RATON, FL 33431

AIRFIELD VAULT
ELECTRICAL
INSTALLATION PLAN

E402

Submittal: BID DOCUMENTS

JANUARY 2023

1/2"=1'-0"

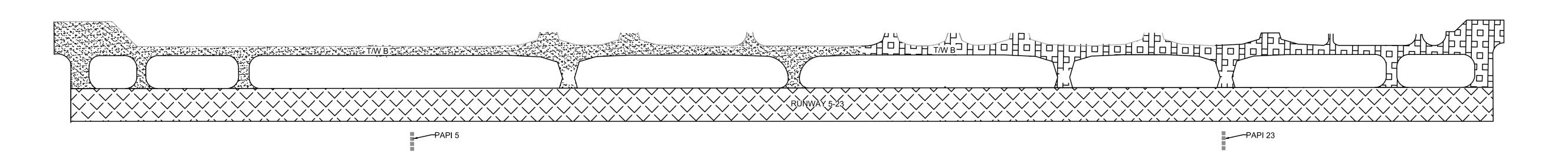
ALCMS MODIFICATION NOTES:

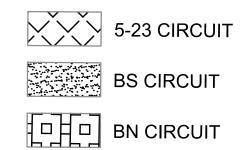
- 1. THE EXISTING COMPUTERIZED AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM (ALCMS) WAS MANUFACTURED BY ADB SAFEGATE. THE CONTRACTOR SHALL CONTRACT THE MANUFACTURER TO MAKE ALL MODIFICATIONS TO THE HARDWARE, SOFTWARE AND TOUCH SCREEN GRAPHICS FOR THE EXISTING AIRFIELD LIGHTING CONTROL SYSTEM IN THE AIRFIELD VAULT AND TOWER. ADDITIONS AND CHANGES SHALL INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
- 1.1. REPLACEMENT OF EXISTING REGULATORS AND REDUCED FROM 20KW TO 10KW.
- 1.2. REMOVAL OF REIL 5 AND REIL 28 CONTROL. (THESE WILL BE POWERED FROM THE RUNWAY CIRCUIT)
- 1.3. GRAPHIC UPDATE

PROGRAMMING

2. EQUIPMENT, SOFTWARE, SHIPPING AND TAXES SHALL BE INCLUSIVE TO THE ALLOWANCE ACCOUNT. CONTACT INFORMATION FOR ADB SAFEGATE REPRESENTATIVE: PERRY SUGANUMA - (800)-662-2177. THE EXISTING ALCMS SHALL REMAIN IN OPERATION AT ALL TIMES DURING MODIFICATIONS.

BEACON









RICONDO & ASSOCIATES, INC. 1000 N.W. 57TH COURT, SUITE 920 MIAMI, FL 33126-3511 (305) 260-2727 (305) 260-2728



2755 VISTA PARKWAY SUITE I-9 WEST PALM BEACH, FL 33411 561-210-9224 LICENSE NO. CA30805

Comm No.:	Commission No.
R & A Project No.	
drawn by:	MRB
design by:	ALC
checked by:	JWK
•	

AMY L. CHAMPAGNE-BAKER STATE OF FLORIDA PROFESSIONAL ENGINEER LICENSE NO. 73735

	Revision Schedule	
No.	Description	Date

AIRFIELD LIGHTING, NAVAIDS, AND SIGNAGE UPGRADES

BOCA RATON AIRPORT BOCA RATON, FL 33431

ALCMS GRAPHICS DETAIL

E404

Submittal: Is BID DOCUMENTS

OCUMENTS JANUARY 2023

2023-BRAA-001 Airfield Lighting, NAVAIDS, and Signage Upgrades List of Plans' Holders

Company	Name	Email	Date	Phone
Hypower Inc.	Pierre Francoeur	pfrancoeur@hypowerinc.com	23-Jan	954-901-1849
Davco Inc.	Mike Poling	mpoling@davcoelectric.com	23-Jan	561-718-1433
Airport Lighting Company	Steve Shaw	steves@airportlightingcompany.com	24-Jan	832-226-4179
Eaton Crouse-Hinds	Kevin Kelly	kevinpkelly@eaton.com	24-Jan	860-683-4392
Blinksigns	Jawad Bhurgri	jawad@blinksigns.com	24-Jan	
Precision Approach LLC	Stacey Green	srgreen@precisionapproach.org	24-Jan	706-485-7201
Horsepower Electric Inc	Lis Mondelo	lis@horsepowerelectric.com	24-Jan	305-819-4060
Lumacurve	Dave Benson	daveb@standardsigns.com	25-Jan	800-258-1997x230
Trinity Electrical Services Inc.	Chad Hutchinsoor	trinity.electrical@att.net	25-Jan	912-366-7773
Eau Gallie Electric	Sarah Robinson	bidcoordinator@eg-electric.com	25-Jan	321-259-2885
Pruitt Electric	Tom Sims	tsims@hlpruitt.com	25-Jan	
Hughey & Phillips	Bruce Miller	bmiller@hugheyandphillips.com	25-Jan	954-658-2659
Construct Connect	Megan Anderson	megan.anderson@constructconnect.com	25-Jan	513-458-5793
AIS	Doug McIntyre	dmcintyre@ainfraserv.com	26-Jan	239-961-2004
Garver	John Carrigan	jwcarrigan@garverusa.com	6-Feb	954-249-8396
Multi Electric Mfg	Frank Kazienko	fkazienko@multielectric.com	8-Feb	773-722-1900

verbal or written communication between a Proposer or any of its representatives, employees or agents and the BRAA or any of its members, or the Executive Director or any of the Executive Director's staff consultants or agents regarding a solicitation is under a "cone of silence" and is strictly prohibited from the date of advertisement of the solicitation through the award of a contract or the final ranking of the Proposers, whichever occurs first. The following exceptions apply to the cone of silence set forth above:

- 6.1. Any verbal or written communication between a Proposer or its representatives, employees or agents and the Authority or any of its members, or the Executive Director or any of Executive Director's staff, consultants or agents regarding a solicitation is strictly prohibited from the date of advertisement of the solicitation through the award of a contract or the final ranking of respondents, whichever occurs first.
- 6.2 The following exceptions apply to the cone of silence set forth above:
 - 6.2.1 The written response to the solicitation, including bids, proposals and letters of interest;
 - 6.2.2 Communications expressly allowed by the solicitation, including without limitation any interviews conducted during the solicitation evaluation;
 - 6.2.3 Any communication made pursuant to Sections 14, 15, or 16 of the BRAA Procurement Code;
 - 6.2.4 Any communication made with Airport Legal Counsel; and
 - 6.2.5 Any communications made on the record at a public noticed meeting of the Board.
- 7. Acceptance or Rejection of Bids: BRAA reserves the right to reject any or all bids prior to award. Reasonable efforts will be made to either award the Contract or reject all bids within ninety (90) calendar days after bid opening date. A Bidder may not withdraw its bid unilaterally nor change the Contract Price before the expiration of one hundred and twenty (120) calendar days from the bid opening date. A Bidder may withdraw its bid after the expiration of one hundred and twenty (120) calendar days from the bid opening date by delivering written notice of withdrawal to the BRAA prior to award of the Contract. The effective date of the withdrawal shall be the date the BRAA receives the notice. The withdrawal notice must be on company letterhead and signed by an authorized agent of the Bidder.
- 8. **Change of Bid:** Prior to the scheduled due date for Bids, a Bidder may change its Bid by submitting a new Bid (as indicated on the cover page) with a letter on the firm's letterhead, signed by an authorized agent stating that the new Bid replaces the original Bid. The new submittal shall contain the letter and all information as required for submitting the original Bid. No changes to a Bid will be accepted after Bids have been opened.

ACCEPTANCE OF BID

BIDDER understands and agrees that the BRAA reserves the right to accept or reject any or all bids submitted for a period of up to ninety (90) calendar days from date of bid opening. Bidder further understands and agrees that its Bid shall remain an open offer, which the BRAA may accept, for one hundred twenty (120) calendar days regardless of the acceptance of another Bid during that period. Bidder agrees that it will not withdraw its Bid for said period of time. The Bidder understands and agrees that BRAA reserves the right to accept or reject any or all alternates, without regard to the listed order.

PRIME CONTRACTOR/SUBCONTRACTOR WORK DESIGNATION

For work performed by the Bidder's own organization, the undersigned has designated on Attachment No. 3 to this Bid Form entitled "Prime Contractor Work" that portion of work performed by the bidder's direct hire forces. For work performed by other than the Bidder's own organization, the undersigned has designated, on Attachment No. 4 to this Bid Form entitled "Designation of Subcontractors" certain firms as the Prime Contractor's subcontractors for portions of the work and further agrees that said subcontractors may not be changed without written consent of BRAA.

Under no circumstance will the Prime Contractor be permitted to sub-contract construction management services, or duties typically provided by the Prime Contractor as construction manager, including responsibilities of oversight of other sub-contract work, to a second tier Prime Contractor. All subcontractor work shall be contracted directly between the Prime Contractor and the sub-contractor performing the work.

Respectfully Submitted,	
(Name of Bidding Firm)	Address:
By:	
Print Name: Title:	
FLORIDA STATE CONTRACTOR DATA: License Number:	
Classification:	

PRIME CONTRACTOR WORK (Attachment No. 3 to the Bid Form; BID002-3)

The Contractor shall perform	MPANY BID FORM AND MUST BE COMPI a a minimum of 10% of the work with his over a performed by the General Contractor is	wn direct hire forces. Tha
Item	Description Of Work	Contract Amount
1.		\$
2		\$
3		\$
4.		\$
5.		\$
6.		\$
7.		\$
8.		\$
TOTAL DOLLAR VALUE OF CONTRACTOR WORK:		\$
PERCENT OF WORK TO BE PERFORMED BY CONTRACTOR:		%
Name of Bidder:		

ITEM P-102 SAFETY, SECURITY AND MAINTENANCE OF

AIRFIELD OPERATIONS

102-1.1 General The provisions of this safety and security plan and associated procedures are applicable within the boundaries of the Airport. A complete understanding of all procedures and requirements contained herein is required to ensure safety during construction. Construction Safety and Phasing is addressed within contract Drawings G002 thru G006, G100 and this Technical Specification. It is required that the contractor comply with this Construction Safety and Phasing Plan (CSPP) at all times during the project. The contractor shall be required to submit for approval a Safety Plan Compliance Document (SPCD) which details how the contractor will comply with the CSPP. This safety plan is a part of this Contract and deviations from the requirements established herein will be sufficient cause for Contract termination.

Required reference material associated with this safety plan includes:

FAA AC 150/5200-18C, Airport Safety Self-Inspection FAA AC 150/5210-5D, Painting, Marking and Lighting of Vehicles Used on an Airport FAA AC 150/5370-2G, Operational Safety on Airports During Construction

These documents are available online at http://www.faa.gov/airports/resources/advisory_circulars

CONTRACTOR SAFETY AND SECURITY OFFICER

102-2.1 CONTRACTOR SAFETY AND SECURITY OFFICER (CSSO). The Contractor shall appoint its on-site Construction Superintendent or other qualified individual(s) as its duly authorized representative to serve as Contractor Safety and Security Officer (CSSO) for the duration of the Contract. The CSSO shall thoroughly understand the safety and security requirements of the Contract, the necessity for them and shall have sufficient authority to implement its provisions without significant deviation. The Contractor shall notify the Resident Project Representative (RPR) in writing of the name of the individual(s) selected for the assignment.

The CSSO shall represent the Contractor on safety and security requirements compliance. The CSSO shall be especially knowledgeable regarding the requirements of FAA AC's 150/5200-18C, Airport Self Inspection Guide and 150/5370-2, Operational Safety on Airports During Construction, latest edition.

- **102-2.2 RESPONSIBILITIES OF THE CONTRACTOR SAFETY AND SECURITY OFFICER.** Prior to the desired date for commencement of any work on the project, the CSSO shall accomplish the following:
- **a.** Develop and submit in writing a detailed work sequence schedule with dates and times specified for all milestone events. This sequence schedule shall be subject to the approval of the RPR. To assure adequate time for coordination, this document shall be submitted at least one week prior to the date of the Pre-construction Conference.

Boca Raton Airport

Page Intentionally Blank