PALM BEACH COUNTY **BOARD OF COUNTY COMMISSIONERS** AGENDA ITEM SUMMARY

1 Regular Consent [X] Meeting Date: November 7, 2023 [] Public Hearing

Submitted By: Department of Airports

I. EXECUTIVE BRIEF

[]

Workshop

Motion and Title: Staff recommends motion to approve:

- (A) Amendment No. 10 to the General Consulting Agreement with RS&H, Inc. for Consulting/Professional Services in the amount of \$395,406.12 for New Aircraft Rescue Fire Fighting (ARFF) Facility Phasing Services and additional 400 Hz Ground Power Unit (GPU) Construction Administration (CA) & Resident Project Representative (RPR) services at Palm Beach International Airport (PBI); and
- (B) A Budget Transfer in the amount of \$167,910 in the Airport's Improvement and Development Fund to provide budget for the project; including a transfer from Reserves in the amount of \$167,910.

Summary: The Consulting Agreement with RS&H, Inc. for general airport planning and design was approved by the Board on May 7, 2019 (R-2019-0612) in the amount of \$2,004,570.58 in order to carry out the approved Capital Improvement Programs for the County's Airports. Amendment No. 1 was approved by the Board on May 5, 2020 (R-2020-0414) increasing the amount of the contract by \$2,304,608.30. Amendment No. 2 was approved by the Board on October 20, 2020 (R-2020-1607) increasing the amount of the contract by \$3,196,990.03. Amendment No. 3 was approved by the Board on May 4, 2021 (R-2021-0576) exercising the first one (1) year renewal option for the continuation of services provided under this agreement. Amendment No. 4 was approved by the Board on June 15, 2021 (R-2021-0844) increasing the amount of the contract by \$2,644,110.87. Amendment No. 5 was approved by the Board on March 22, 2022 (R-2022-0263) increasing the amount of the contract by \$1,325,943.87 and exercising the second and final one year renewal option. Amendment No. 6 was approved by the Board on January 24, 2023 (R-2023-0103) increasing the amount of the contract by \$1,175,706.57. Amendment No. 7 was approved by the Board on April 4, 2023 (R-2023-0447) increasing the amount of the contract by \$1,109,482.80. Amendment No. 8 was approved by the Board on April 18, 2023 (R-2023-0532) increasing the amount of the contract by \$1,106,284.38. Amendment No. 9 was approved by Board on October 17, 2023 increasing the amount of the contract by \$313,808.36. Amendment No. 10 will provide an additional \$395,406.12 for New ARFF Facility Phasing Services and additional 400 Hz GPU Replacement CA & RPR services at PBI. Approval of this item will allow the ARFF project to be completed in multiple phases. Additionally, the item will provide additional CA & RPR required to complete the 400 Hz GPU Replacement Project due to an extended project schedule. RS&H, Inc. is a Jacksonville, Florida based firm; however, the majority of the work to be completed in this agreement will be managed through their Fort Lauderdale, Florida offices in conjunction with several Palm Beach County-based and South Florida-based subconsultants and firms. A Disadvantaged Business Enterprise (DBE) goal of 18% was set for this RS&H, Inc. committed to 23% DBE participation for this agreement. The DBE participation for this Amendment is 57.26%. The total contract to date DBE participation including this amendment is 32.67%. Countywide (AH)

Background and Justification: The ARFF project is being funded by a combination of grant funding, passenger facility fees and airport revenues. This item will allow the project to continue in multiple phases while additional grant and passenger facility fee applications are pending. The original design of the ARFF project was completed by RS&H under Amendment No. 1. This item also includes additional CA & RPR services for the 400Hz GPU Replacement Project required due to an extended project schedule. Amendment No. 5 included the original scope for these services. Article 2 of the original agreement with RS&H allows an amendment to the contract to expand the scope of services to include any additional services needed to complete a task authorized prior to the expiration of the contract.

Attachments:

- Amendment No. 10 with RS&H, Inc. 2 Originals
- 2. DBE Goal Information
- 3. Budget Transfer

| Recommended By: | Cox Louis Bube | 10-11-23 |
|-----------------|----------------------|----------|
| | Department Director | Date |
| Approved By: | 1/1 Baku | 16/58/3 |
| | County Administrator | Date / |

II. FISCAL IMPACT ANALYSIS

| A. Five Year Summary of Fisc | cal Impact: | | | | |
|--|---------------------------------------|------------------|-----------------------|----------------------|----------------------|
| Fiscal Years | 20 <u>24</u> | 20 <u>25</u> | 20 <u>26</u> | 20 <u>27</u> | 20 <u>28</u> |
| Capital Expenditures Operating Costs External Revenues (Grants) Program Income (County) In-Kind Match (County) NET FISCAL IMPACT | \$395,406 (\$113,749) \$281,657 | | | | |
| # ADDITIONAL FTE POSITIONS (Cumulative) | | | | | |
| Is Item Included in Current Bu Does this item include the use Does this item include the use | e of federal fund | | | No _X No _X No | |
| Budget Account No: Fund 4 | 111 Departmer | nt <u>121</u> Un | it <u>A346-388</u> | Object <u>621</u> | 1 |
| Report | ing Category | | <u>A436-485</u> —— | <u>650</u> | <u>14</u> |
| B. Recommended Sources of | f Funds/Summa | ary of Fiscal | Impact: | | |
| Approval of this item will rewhich is in the current bud & RPR). Grant and PFC reimburses C. Departmental Fiscal Revieus | get. A346 = \$22 | 27,496.74 (A | RFF) and A | 136 = \$167,90 | to RS&H 9.38 (GPU |
| | - | | | ste: | |
| A. OFMB Fiscal and/or Contr | act Developme | nt and Cont | roi Comme | its. | |
| OFMB OF 1018 B. Legal Sufficiency: | 3 Bur 10-13-23 | Contr | act Dev, and | Jacobs Control | w 10/25/2 |
| Assistant County Attorney | <u>5-2</u> 6-23 | | | | |
| C. Other Department Review | : | | | | |
| Department Director | | | | | |

REVISED 11/17

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(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT)

| Airport General Consulting Professional Services - 2018 | | | | | |
|--|------------|-----------|-----------|-------|----------|
| RFP #: DOA-18-2A - Facilities & Systems | | | | | |
| Date: November 29, 2017 | | | | | |
| Marketplace: BC, PBC, MDC | | | | | |
| DBE Project Goal: 18% - adjusted for past participation | | | | | |
| NAICS Description | NAICS Code | Estimated | Available | Total | Weighted |
| Fnaineering Services | 541330 | 30 00% | 140 | 1286 | 3.48% |
| Architectural Services | 541310 | 45,00% | 40 | 667 | 2.70% |
| Construction Management | 236220 | 10.00% | 239 | 815 | 2.93% |
| Testing Services | 541380 | 2.50% | 12 | 92 | 0.33% |
| Land Surveying & Mapping | 541370 | 2.50% | 24 | 144 | 0.42% |
| Planning Services | 541320 | 10.00% | 15 | 166 | 0.90% |
| Other Consulting Services | 541690 | %00'0 | 64 | 571 | 0.00% |
| Total | | 100.00% | | | 10.75% |

| General Consulting Services Contracts | DBE Participation (to date) |
|---------------------------------------|-----------------------------|
| R2006-2418 | 21% |
| R2009-1643 | 31% |
| R2011-1333 | 29% |
| R2014-0031 | 13% |
| Median Participation | 25% |
| Adjustment for Past Participation | 18% |
| DBE Project Goal | Percentage |
| | 18% |

24- ONO

BOARD OF COUNTY COMMISSIONERS PALM BEACH COUNTY, FLORIDA BUDGET TRANSFER

FUND 4111

Airport Improvement & Development Fund

Page 1 of 1 pages

Advantage Document Numbers

BGEX: BGRV:

121-100523*55

| î | | | | | |
|---|-----------------------|---|-----------------------------|---------------|-----------------------------------|
| REMAINING BALANCE | | 3,364,062 15,789,082 | | Constant III. | Sioners |
| EXPENDED/ ENCUMBERED As of 10/05/23 | ě | 0 | | | by Board of County Commissioners, |
| ADJUSTED BUDGET | | 3,364,062 15,789,082 | 211,631,047 | D. D. | by boar |
| DECREASE | | 016,791 | 167,910 | | |
| INCREASE | | 0 0 | 167,910 | & Dates | k Dales |
| CURRENT BUDGET | | 3,196,152 15,956,992 | 211,631,047 | Signatures | o comandio |
| ORIGINAL BUDGET | | 3,382,726 17,216,760 | 217,226,377 | | |
| ACCOUNT NAME | NDITURES | lotb Non Infrastructure Reserves Improvement Program | Balances | | |
| ACCT.NUMBER | REVENUES/EXPENDITURES | 121-A436-6504 121-A900-9909 | Total Receipts and Balances | | 80 (|

Administration/Budget Department Approval Office of Financial Management & Budget
INITIATING DEPARTMENT/DIVISION **OFMB Department - Posted**

of the original filed in my of the over STATE OF FLORIDA, COUNTY 1, JOSEPH ABRUZZO, Clerk of Comptroller certify this to be 7 in

Tuesday, November 7,12028, At Meetingo

3F6.6

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) Andrew P. Wheeler is an Executive Vice President of the Corporation and is authorized and empowered to execute in the name of the Corporation all proposals, agreements, supplements, contracts, and other documents he may deem necessary or appropriate, in connection with Palm Beach County, Florida.

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 officer prior thereto.

IN WITNESS WHEREOF, I have hereto subscribed my name and affixed the Seal of the Company this 6th day of February, 2023.

Maslem F24Starr Corporate Secretary

AMENDMENT NO. 10 TO CONTRACT BETWEEN

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS

AND

RS&H, INC.

FOR

FOR CONSULTING / PROFESSIONAL SERVICES

AT

PALM BEACH COUNTY AIRPORTS

This Amendment No. 10 to the Contract is made as of the _______ day of NOV 0 7 2023, 2023, by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of Commissioners, hereinafter referred to as the COUNTY, and RS&H, Inc., [] an individual, [] partnership, [X] a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, whose Federal Tax I.D. number is 59-2986466.

WITNESSETH

WHEREAS, on May 7, 2019, the COUNTY entered into an Agreement (R2019-0612) with the CONSULTANT for the CONSULTANT to provide Consulting / Professional Services for the Palm Beach County Department of Airports at Palm Beach County Airports (PBI, F45, LNA, & PHK); and

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

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

WHEREAS, on May 4, 2021, the COUNTY entered into an Amendment No. 3 (R-2021-0576) with the CONSULTANT to exercise the first one (1) year renewal option for the continuation of services; and

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

WHEREAS, on March 22, 2022, the COUNTY entered into an Amendment No. 5 (R-2022-0263) with the CONSULTANT to exercise the second and final one (1) year renewal option for the continuation of services and to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement; and

RS&H, INC. OCTOBER 2023 AMENDMENT 10 TO R2019-0612

1 CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES

WHEREAS, on January 24, 2023, the COUNTY entered into an Amendment No. 6 (R-2023-0103) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement;

WHEREAS, on April 4, 2023, the COUNTY entered into an Amendment No. 7 (R-2023-0447) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement;

WHEREAS, on April 18, 2023, the COUNTY entered into an Amendment No. 8 (R-2023-0532) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement;

WHEREAS, on October 17, 2023, the COUNTY entered into an Amendment No. 9 (R-2023-1540) with the CONSULTANT to provide additional professional services for the Department of Airports, Palm Beach County, in accordance with Article 26 of the original Agreement;

WHEREAS, Article 26 of the Contract requires an amendment when the parties are able to define additional services and the parties have now defined those services,

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:

- The parties hereby agree to amend the Contract to include the Scope of Services and Fees as
 outlined in Exhibit A. The total amount to be paid by the COUNTY to the CONSULTANT for
 professional services, including any out of pocket expenses, shall not exceed Three-Hundred
 Ninety-Five Thousand, Four Hundred Six Dollars and Twelve Cents (\$395,406.12) for the services
 in Amendment No. 10 to the original Contract.
- 2. Except as specifically amended herein, all other terms and conditions of the Contract shall remain in full force and effect.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

AMENDMENT 10 TO R2019-0612
2 CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES

RS&H, INC. OCTOBER 2023 IN WITNESS WHEREOF, the parties have caused the Tenth Amendment to the Contract to be signed by the Mayor of the Board of County Commissioners and the Seal of said Board to be fixed hereto and attested by the Clerk of said board, and the CONSULTANT, RS&H, Inc., has caused these presents to be signed in its corporate name by its duly authorized officer (Name) Andrew P. Wheeler, (Title) Executive Vice President, acting on behalf of said CONSULTANT, and the Seal of said CONSULTANT to be affixed hereto and attested by the Secretary of said CONSULTANT, the day and year first written above. R 2 0 2 3 1 5 9 5

| ATTEST: | PALM BEACH COUNTY, FLORIDA NOV 0 7 2023 |
|--|---|
| JOSEPH ABRUZZO CLERK OF THE COUNTY COURT | BOARD OF COUNTY COMMISSIONERS |
| AND COMPTROLLER | 10 |
| By Deputy Clerk | By: Gregg K. Weiss, Mayor |
| WITNESS: | CONSULTANT: |
| Beth Church | DOAY Y |
| SIGNATURE | RS&H, Inc. COMPANY NAME |
| | DocuSigned by: |
| Beth Church | andrew wheeler |
| Name (type or print) | Signature Signature |
| | Andrew P. Wheeler |
| | Name (type or print) |
| APPROVED AS TO FORM | Executive Vice President |
| AND LEGAL SUFFICIENCY | Title . |
| BY: ame Idefant County Attorney | 9 |
| County Attorney | (Corporate Seal) |
| | |

RS&H, INC. OCTOBER 2023

APPROVED AS TO TERMS

Department Director

AND CONDITIONS

AMENDMENT 10 TO R2019-0612 3 CONTRACT FOR CONSULTING/PROFESSIONAL SERVICES

Palm Beach County Department of Airports

AMENDMENT NO 10 INDEX

CERTIFICATE OF INSURANCE

EXHIBIT A: AMENDMENT NO. 10

EXHIBIT A-1 - Task I-23-PBI-R-036: New ARFF Facility - Phasing Services

EXHIBIT A-2 - Task I-23-PBI-R-037: 400Hz GPU Replacement Construction Administration & RPR Services - Extended Schedule

EXHIBIT A-3 - Task III Services

EXHIBIT B: DETAILED FEES, EXPENSESE AND PAYMENTS

EXHIBIT B-I: Summary of Fees

EXHIBIT B-II: Schedule of Payments

EXHIBIT C-PROPOSED SCHEDULES

EXHIBIT D - DISADVANTAGED BUISINESS ENTERPRISE COMPLIANCE

Palm Beach County Department of Airports

CERTIFICATE OF INSURANCE



Palm Beach County Compliance Summary Report

| Vendor Number | Vendor Name | AM Best Rating | Insurance Carrier | Policy# | Eff. Date | Exp. Date Coverage | Coverage | Contract Number Contract Name | Contract Name |
|---------------|-------------|----------------|---|-------------------|-----------|--------------------|------------------------|-------------------------------|-------------------------------------|
| DX00000525 | RS&H, Inc. | Modified | Compliant | | | | | DOA 18-2A | Consulting/Professional Services |
| | | A+g, XV | Zurich American Insurance Company | BAP146956401 | 6/28/2023 | 6/28/2024 | Auto Liability | | |
| ÷ | | A+g, XV | American Guarantee and Liability AUC146955801 Insurance Company | AUC146955801 | 6/28/2023 | 6/28/2024 | Excess Liability | | |
| | | Ag , XV | The Continental Insurance Company | 7039681430 | 6/28/2023 | 6/28/2024 | Excess Liability | | |
| | | A++g, XV | Travelers Property Casualty Company of America | EX6T35064A23NF | 6/28/2023 | 6/28/2024 | Excess Liability | | |
| | | A+g, XV | Zurich American Insurance Company | GLO146640901 | 6/28/2023 | 6/28/2024 | General Liability | | |
| | | , XV | Lloyds Underwriters (Canada Branch) | B0146LDUSA2304894 | 6/28/2023 | 6/28/2024 | Professional Liability | | |
| | | A+g, XV | American Guarantee and Liability WC041147101 Insurance Company | WC041147101 | 6/28/2023 | 6/28/2024 | Workers Comp | | |

Risk Profile: Standard - Professional Services

Required Additional Insured: Palm Beach County Board of County Commissioners

Ownership Entity:

EXHIBIT A: AMENDMENT NO. 10

This Amendment No 10 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. 10

EXHIBIT A-1 - Task I-23-PBI-R-036: New ARFF Facility - Phasing Services

EXHIBIT A-2 - Task I-23-PBI-R-037: 400Hz GPU Replacement Construction Administration & RPR Services - Extended Schedule

EXHIBIT A-3 - Task III Services

EXHIBIT B: DETAILED FEES, EXPENSESE AND PAYMENTS

EXHIBIT B-I: Summary of Fees

EXHIBIT B-II: Schedule of Payments

EXHIBIT C-PROPOSED SCHEDULES

EXHIBIT D - DISADVANTAGED BUISINESS ENTERPRISE COMPLIANCE

Palm Beach County Department of Airports

EXHIBIT A-1 – Task I-23-PBI-R-036: New ARFF Facility – Phasing Services

New ARFF Facility – Phasing Services Scope of Work

Version 1.0
September 21, 2023
Palm Beach County (PBC) Department of Airports (DOA)
West Palm Beach, FL
Task Authorization No. I-23-PBI-R-036
RS&H Project No.: TBD

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



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 <u>additional services needed to continue</u> <u>performance of on-going services related to DOA Task I-20-PBI-R-013, which was authorized prior to expiration of contract.</u>

The RS&H team has been asked to provide Architectural and Engineering Design Services for splitting deliverable of Task 6.2: Permit Document Submittal of PBC DOA Task I-20-PBI-R-013 into two (2) separate CMAR packages (Project) due to funding and phasing of other on-going Projects at the Airport. PBC DOA Task I-20-PBI-R-013 Task 6.1 100% Construction Documents is complete. Package 1 is assumed to be bid / permitted within (6) months of Task I-23-PBI-R-036 NTP and Package 2 is assumed to be bid / permitted with (1) one year of Task I-23-PBI-R-036 NTP.

The two packages will separate and be assigned designators of 1 or 2 to operate as independent and complete construction document sets. The intent of splitting the completed project is to allow for an enabling package that will install the sitework, building foundations, and below grade utilities necessary to allow for a more seamless phasing approach for the building construction.

The following outlines the scope and effort of separating the package into two independent construction document packages and their additional related items that are required for the package division. Due to separating the packages, additional design will be needed due construction phasing which are identified in as "Additional Services" below. "Additional Services" below also includes new requests by the Owner to be added to the Project that was not capture under previous tasks as well as updating the design documents due to the Code change.

Package 1 Scope of Work

Construction documents and specifications for this package include the following:

- Sitework
 - All sitework including sitework demolition, geometry plan, grading and drainage plans, sidewalks, public and secured parking lot paving, and water and sewer plans. AOA fence and temporary fence (Temporary fence along perimeter road between AOA permanent fence). Temporary fence to be removed in Package 2. Temporary fence provided to allow for site to be landside to facilitate construction. Lightpoles, lightpole foundations and ground, power raceways. Flag pole, flag pole foundation

and anchor rods. Building site grounding. Roadway markings and certain apron marking will be included in this package.

Gate V-27

- Sitework and fence noted in previous bullet point, sliding gate and gate operator, power raceways and feeders, communication raceways and cabling to support new card readers on relocated card reader posts, and new cameras on relocated camera poles, relocated lightpole and grounding.
- ARFF secured parking lot
 - Power raceways
 - Gate operator foundations
 - Bollards and bollard foundations
 - Telecom raceway to south light pole for CCTV will revise to concrete encased ductbank to allow for Package 2 construction equipment and not damage below grade utility.
- o Dumpster and FPL Utility Pad Area
 - Slab-on-grade
 - Walls and foundations
 - Gates and Gate foundations
 - Electrical raceway to building
 - Removable bollards and bollard foundations
- o Fuel and Generator Area
 - Slab-on-Grade and Equipment pads
 - Bollards and bollard foundations
 - Electrical raceways to building
 - Fuel tanks and above / below grade piping
 - Equipment grounding
 - Generator
 - Temporary site fence protecting fuel and generator equipment (to be removed in package 2)
- Building
 - Building foundations included rebar out of grade for future lap splice of reinforcement in Package 2 CMU / Concrete walls. Note that steel columns for back porch will be revised to be on concrete pedestals to grade and anchor rods for steel columns / base plates that will be installed in Package 2.
 - Below grade utility raceways and piping within footprint of building and those tieing into site utilities (including but not limited to sanitary piping, storm piping, below grade water supply, telcom and power raceways, etc).
 - Exterior concrete on grade (example: back porch)

- Lándscape
 - Demo of existing trees. Mitigation will be provided prior to close-out of Package 2.
 - All proposed landscape areas/exposed soil to receive bahia seed/sod and be hand watered until established. Contractor shall re-seed/sod as required to have 100% coverage.
 - Partial site irrigation: establish connection to water source, install all main line, control wires, zone valve stub-outs, and required sleeving under hardscape areas per plan.
 Site adjacent to building to be in Package 2 and limits will be coordinated with CMAR during Package 1 development.
- Project was designed under Building Code 7th Edition (2020). Adoption of Florida Building Code 8th Edition (2023) will occur on January 1st, 2024; thus, Package 2 will be reviewed and updated as required to comply with new adopted codes. – Additional Services

Package 2 Scope of Work

Construction documents and specifications for this package include all work in Task I-20-PBI-R-013 Task 6.1 100% Construction Document not included in Package 1 including the following:

- Sitework
 - ARFF secure site fence. Package 2 will remove temporary AOA fence installed in Package 1. Power feeders to site lightpoles not powered in Package 1. Parking lot markings and certain apron markings will be included in this package.
- Gate V-27
 - All work included in Package 1.
- o ARFF secured parking lot
 - Power feeders
 - Gate operator
 - Sliding Gate
 - Sliding Gate associated telecom
- Dumpster Area
 - All work in Package 1 UON
 - Electrical feeders to building
- o Fuel and Generator Area
 - All work in Package 1 UON
 - Removal of temporary site fence protecting fuel and generator equipment installed in Package 1
- o Building
 - All building work not included in Package 1 including slab-on-grade and all above ground building components including electrical and mechanical equipment not specifically noted in Package 1
- o Landscape

- Install all proposed landscape per plan (Ex. New trees and shrubs).
- Finish irrigation installation including all lateral lines, heads, valves, controller, etc. not installed with Package 1.
- Project was designed under Building Code 7th Edition (2020). Adoption of Florida Building Code 8th Edition (2023) will occur on January 1st, 2024; thus, Package 2 will be reviewed and updated as required to comply with new adopted codes. Additional Services

This effort will impact the following professional disciplines and drawings:

Consultant/Subconsultant

Involvement

RS&H, Inc.

Cover and Sheet Index, Civil Site - Airside, Life Safety, Architecture, Interiors, Mechanical, Plumbing, Fire Protection (including smoke evaluation) Electrical – Power, Lighting, Lightning Protection, Fire Alarm, Low Voltage – Security,

Paging, Telecom

Keith and Associates, Inc. CRJ & Associates, Inc. Landscape Engineering

Master Consulting

Civil Site - Landside Structural Engineering

Engineers, Inc.

II PROJECT TASKS

Task 1.1 Two (2) Bid / Permit Document Packages

Task 1.1.1 Bid / Permit Package Development - Split

Task includes splitting the deliverable of Task 6.2 Permit Documents (Drawings and Project Manuals) of Task I-20-PBI-R-013 into (2) deliverables for the elements associated with each Package noted above.

Separation of the Project into (2) two packages (ie a Pkg 1 and Pkg 2) will require the Consultant to revise the drawings to review the scope, determine and split the scope into correct packages, and any additional efforts to duplicate backgrounds and drawings for each Package. Task also includes duplicating the Project Manual and assigning specifications (and duplicating specifications if needed) into the correct Package. Only the additional effort to create drawings for phasing the packages is captured under this Task.

The Consultant's sheet counts to create Package 1 is as follows:

RS&H – 76 sheets

• CRJ – 7 sheets

Keith – 18 sheets

MCE – 20 sheets

The Consultant's sheet counts to create Package 2 is as follows:

RS&H – 147 sheets

CRJ – 0 sheets

• Keith - 6 sheets

MCE- 23 sheets

The Consultant will have to create 86 duplicate sheets as follows:

• RS&H - 60 sheets

• CRJ - 0 sheets

Keith – 6 sheets

• MCE - 20 sheets

Task 1.1.2 Bid / Permit Package Development – Package 1 & 2 Additional Service Items
All additional efforts for developing and creating documentation shall be included under this task for "Additional Services" identified in Section I Project Description. The documentation for this scope of work will be included in the Package 1 & 2 documentation.

Task 1.1.3 Bid / Permit Package Quality Control Review

The Consultant shall conduct in-house quality control reviews of this 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 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
- » <u>Discipline Coordination Review</u> an interdisciplinary review by an Architect or Engineer to ensure coordination of elements between disciplines

Task 1.1.4 Bid Package Submittals - Additional Services

<u>Package 1 & 2</u>: Consultant will prepare and submit the following documents to CMAR and PBC DOA to be used for bidding. Documents will be noted "NOT FOR CONSTRUCTION, FOR BIDDING ONLY".

- » Drawings (.pdf)
- » Project Manual (.pdf)

Task 1.1.5 Permit Package Submittal and Permitting

a. Permit Package Submittal

<u>Package 1 & 2</u>: Consultant will submit electronic signed and sealed documents to CMAR and PBC DOA to be submitted to Permitting Agencies (PZB and SFWMD). Documents will be noted "FOR CONSTRUCTION".

- » Drawings (.pdf)
- » Project Manual (.pdf)

b. Permitting

<u>Package 1 & 2:</u> Task includes additional effort for (2) separate permitting processes: responding to permitting questions and comments and revising the necessary portions of the Contract Documents for approval by Permitting Agency to assist in obtaining permits.

Task 1.2 Bidding and Award Services - Additional Services

Following the completion of the construction document phase, these efforts will occur during the process of bidding. Task I-20-PBI-R-013 excluded Phase 4 Bidding and Award Services. Specific tasks are as follows:

Task 1.2.1 CMAR Inquiries/Clarifications and Addenda

<u>Package 1 & 2:</u> The Consultant will respond to CMAR questions, clarifications, RFIs and substitutions from bidders and will issue addenda to clarify and modify the project. All addenda will be approved by the Client prior to being issued.

Task 1.2.2 CMAR GMP Review and Recommendation

<u>Package 1 & 2:</u> The Consultant shall review the CMAR GMP and provide comments and / or recommendation of acceptance for each GMP. Review is limited to initial GMP review and (1) revision review.

Task 1.2.3 Conformed Documents

<u>Package 1 & 2:</u> The Consultant shall update construction 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 1.3 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

Meetings and Presentations are excluded.

IV PROPOSED PROJECT SCHEDULE

See Attachment A.

V DELIVERABLES

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

| Task # | Title | Information Included | Format |
|----------|--------------------------------|-----------------------------|--------|
| 1.1.4 | Package 1: Bid Package | Drawings and Project Manual | .pdf |
| | Package 2: Bid Package | Drawings and Project Manual | .pdf |
| 1.1.5(a) | Package 1: Permit Package | Drawings and Project Manual | .pdf |
| | Package 2: Permit Package | Drawings and Project Manual | .pdf |
| 1.1.5(b) | Package 1: Permitting | Permit Responses | TBD |
| | Package 2: Permitting | Permit Responses | TBD |
| 1.2.1 | Package 1: CMAR Bidding RFI's | Bidding Responses | TBD |
| | Package 2: CMAR Bidding RFI's | Bidding Responses | TBD |
| 1.2.2 | Package 1: GMP Review | Recommendation | TBD |
| | Package 2: GMP Review | Recommendation | TBD |
| 1.2.3 | Package 1: Conformed Documents | Drawings and Project Manual | .pdf |
| | Package 2: Conformed Documents | Drawings and Project Manual | .pdf |

VI ASSUMPTIONS AND EXCLUSIONS

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

- » Package 1 and Package 2 will be bid and permitted on or after January 1, 2024.
- » Package 1 and Package 2 will be bid and permitted at different times.

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

» Fees associated with permitting

VIIPROFESSIONAL SERVICES FEE AND FEE TYPE

For Lump Sum fee:

RS&H will provide the above referenced services for a Fixed Lump Sum Fee of \$227,496.74. See Attachment for a breakdown of costs.

ATTACHMENT A: SCHEDULE

Schedule is preliminary and shall be adjusted upon receipt of NTP.

| Task Name | Calendar Days | s Duration | Start | Finish |
|--|---------------|------------|----------------|---------|
| Task 1.1 | | | | |
| Phase NTP (assumed) | 1 cal days | 0 days | 11/14/23 | 1/14/23 |
| 1.1.1 & 1.1.2 - Bid / Permit Pkg Development | 56 cal days | 40 days | 11/14/23 | 1/8/24 |
| 1.1.3 - Bid / Permit Pkg Quality Review | 14 cal days | 32 days | 12/11/23 | 1/24/24 |
| 1.1.4 - Bid / Permit Pkg Submittals | 1 cal days | 20 days | 12/27/23 | 1/26/24 |
| Schedule below is Assumed and to be coordina | ted with Own | ier / CMAR | at time closer | to work |
| Bidding | | | | |
| Package 1 | | | | |
| Advertisement | 1 cal days | 0 days | 1/24/24 | 1/24/24 |
| Bidding Period | 56 cal days | 40 days | 1/25/24 | 3/20/24 |
| GMP | 1 cal days | 0 days | 3/20/24 | 3/20/24 |
| PBC Board #1 | 1 cal days | 0 days | 3/28/24 | 3/28/24 |
| PBC Board #2 | 1 cal days | 0 days | 4/25/24 | 4/25/24 |
| Package 2 | | | | |
| Advertisement | 1 cal days | 0 days | 2/21/24 | 2/21/24 |
| Bidding Period | 56 cal days | 40 days | 2/22/24 | 4/17/24 |
| GMP | 1 cal days | 0 days | 4/17/24 | 4/17/24 |
| PBC Board #1 | 1 cal days | 0 days | 4/25/24 | 4/25/24 |
| PBC Board #2 | 1 cal days | 0 days | 5/23/24 | 5/23/24 |
| Permitting | | | | |
| Package 1 | | | | |
| Assumed | 54 cal days | 40 days | 1/1/24 | 2/23/24 |
| Package 2 | | | | |
| Assumed | 54 cal days | 40 days | 1/29/24 | 3/22/24 |

ATTACHMENT B: FEE BREAKDOWN

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

RS&H, INC. New ARFF Facility - Phasing Services

| Task | Description | Hours | Fee |
|------------|---|-------|------------------|
| 1.1 | Two (2) Bid / Permit Design Packages | | <u> </u> |
| 1.1.1 | Bid / Permit Package Development - Split | 79 | \$ 14,831.11 |
| 1.1.2 | Bid / Permit Package Development - Additional Service Items | 161 | \$ 24,224.99 |
| 1.1.3 | Bid / Permit Package Quality Control Review | 93 | \$ 15,780.46 |
| 1.1.4 | Bid Package Submittal | 61 | \$ 10,505.85 |
| 1.1.5.a | Permit Package Submittal | 66 | \$ 11,138.54 |
| 1.1.5.b | Permitting | 166 | \$ 27,772.86 |
| 1.2 | Bidding and Award Services | | |
| 1.2.1 | CMAR Inquiries/Clarifications and Addenda | 103 | \$ 15,840.74 |
| 1.2.2 | CMAR GMP Review and Recommendation - Pkg 1 & Pgk 2 | 23 | \$ 5,436.45 |
| 1.2.3 | Conformed Documents | 38 | \$ 6,561.40 |
| 1.3 | Project Management and Project Coordination | | |
| | Project Management | 8 | \$ 2,870.85 |
| | Subtotal RS&H Labor Hours | 798 | |
| | Subtotal RS&H Labor Fee | | \$134,963.25 |
| Subconsult | rants | | |
| : | Keith and Associates | 213 | \$26,496.15 |
| | CRJ and Associates | 74 | \$10,087.04 |
| | Master Consulting | 622 | \$55,950.30 |
| | Subtotal Subconsultant Labor Hours | 909 | - |
| F | Subtotal Subconsultant Fee | | \$92,533.49 |
| Expenses | | | \$0.00 |
| | Subtotal Expenses | | \$0.00 |
| | Total Project Fee | | \$ 227,496.74 |

| | | | | ноц | JRS | | | | | | |
|---|-----------|------------------------|---------------------|-----------|---------------------|--------------------|----------|------------------------------|-------|-------|---------|
| | Principal | Sr. Project Manager | Senior Architect | Architect | Intern Architect | Senior Engineer | Engineer | Administrativ e Assistant | HOURS | TOTAL | cost |
| Burdoned hourly rate | \$306.79 | \$300.80 | \$257.17 | \$131,92 | \$89.25 | \$258,47 | \$158.83 | \$633.27 | | (5 | \$) |
| | | | | | | | | | | | |
| ask 1.1 Two (2) Bid / Permit Document Packages | | | | | | | | | | | |
| 1.1.1 Bid / Permit Package Development - Split | | | | | | | | | | | 205.0 |
| Project Manager | 2 | 3 | | | | | | | | | ,635.9 |
| BIM | | | | | | 7 | 13 | | 20 | | ,033.8 |
| Civil | | | - | 1 | 3 | - / | 13 | | | \$ | 656.8 |
| Life Safety | | | 1 | 1 | 5 | - | | | | \$ | 835.3 |
| Architecture | | | 1 | 1 | 3 | | | | 5 | \$ | 656.8 |
| Interiors | | | | E. | 3 | 1 | 2 | | | \$ | 576.1 |
| Mechanical Plumbing | | | | | | 2 | 5 | | 7 | | 1,311.0 |
| Fire Protection | | | | | | 1 | 5 | | 6 | | ,052.6 |
| Electrical Electrical | | | | | | 4 | 6 | | 10 | | ,986.8 |
| Low Voltage | | | | | | 1 | 6 | | 7 | | 1,211.4 |
| 1.1.2 Bid / Permit Package Development - Additional Service | | | | | | · · | | | | | |
| Civil | | | | | | | | | | | |
| Life Safety | | | 2 | 5 | 10 | 6 | | | 23 | | 3,617.2 |
| Architecture | | | 5 | 20 | 42 | | | | 67 | \$ 7 | ,672.7 |
| Interiors | | | 2 | 5 | 10 | | | | 17 | | 2,066.4 |
| Mechanical | | | | | | 4 | | | 11 | | 2,145.6 |
| Plumbing | | | | | | 7 | 13 | | 20 | | 3,874.0 |
| Fire Protection | | | | | | 2 | 2 | | | \$ | 834.6 |
| Electrical | | | | | | 9 | 6 | | 15 | | 3,279.2 |
| Low Voltage | | | | | | 1 | 3 | | 4 | \$ | 734.9 |
| 1.1.3 Bid / Permit Package Quality Control Review | | | | -5-0 | | | | | | | |
| Independent Technical Peer Review | | | | | | | | | | | |
| Civil | | | | | | 2 | 6 | | | | 1,469.9 |
| Life Safety | | | 2 | 3 | 3 | | | | | | 1,177.8 |
| Architecture | | | 2 | 3 | 17 | | | | 22 | | 2,427.3 |
| Interiors | | | 2 | 3 | 3 | | | | | | 1,177.8 |
| Mechanical | | | | | | 4 | 7 | | 11 | | 2,145.6 |
| Plumbing | | 45 | | | | 4 | 7 | | | | 2,145.6 |
| Fire Protection | | | | | | 2 | 5 | | 7 | | 1,311.0 |
| Electrical | | | | | | 2 | | | | S 1 | 1,728.3 |
| Low Voltage | | | | | | 3 | 6 | | 9 | 5 1 | .,/26. |
| Discipline Coordination Review | | <u> </u> | | | | | | _ | | \$ 1 | 1,203.2 |
| Project Manager | | 4 | | | | | | - | - 4 | 3 1 | ,203. |
| 1.1.4 Bid Package Submittal | | | | | | | | | | | _ |
| Package 1: Bid Package Submittal | | 1 | | | | | | | 1 | \$ | 300. |
| Project Manager Civil | | 1 | | | | 1 | 2 | | | \$ | 576. |
| Life Safety | | | 1 | | 3 | | | | | \$ | 524. |
| Architecture | | | 1 | | 3 | | | 1 | | S | 524. |
| Interiors | | | 1 | | 3 | | | | | S | 524. |
| Mechanical | | | <u> </u> | | <u> </u> | 1 | 2 | | | s | 576. |
| Plumbing | | | | | - 22 | 1 | | | | s | 576. |
| Fire Protection | | | | | | 1 | | | | S | 417. |
| Electrical | | | | | | 1 | | | | \$ | 417. |
| Low Voltage | | | | | | 1 | | | | \$ | 734. |
| Package 2: Bid Package Submittal | | | | | | | | | | | |
| Project Manager | | 1 | | | | | | | | \$ | 300. |
| Civil | | | | | | 1 | 3 | | | \$ | 734. |
| Life Safety | | | 1 | | 3 | | 40 | | 4 | | 524. |
| Architecture | | | 1 | | 3 | | | | | \$ | 524. |
| Interiors | | | 1 | | 3 | | | | | \$ | 524. |
| Mechanical | | | | | | 1 | | | | \$ | 576. |
| Plumbing | | | | | | 1 | | | | \$ | 576. |
| Fire Protection | | | | | | 1 | | | | \$ | 417. |
| Electrical | | | | | | 1 | | | | \$ | 417. |
| Low Voltage | | | | | | 1 | 3 | | 4 | \$ | 734. |

| | | | | | ног | JRS | | | | | |
|-----|---|-----------|------------------------|---------------------|-----------|---------------------|--------------------|----------|------------------------------|-------|-----------|
| | # | Principal | Sr. Project Manager | Senior Architect | Architect | Intern Architect | Senior Engineer | Engineer | Administrativ e Assistant | HOURS | TOTAL COS |
| | Burdened hourly rate | \$306,79 | \$300.80 | \$257.17 | \$131.92 | \$89.25 | \$258.47 | \$158.83 | \$633,27 | | (\$) |
| 1.5 | Permit Package Submittal and Permitting | | | | | | | | | | |
| | a. Permit Package Submittal | | | | | | | | | | |
| | Package 1: Permit Package Submittal | | | | | | | | | | |
| | Project Manager | | 1 | | | | | | | | \$ 300 |
| | Civil | | | | | | 1 | 2 | | | \$ 576 |
| | Life Safety | | | 1 | 1 | 3 | | | | | \$ 656 |
| | Architecture | | | 1 | 1 | 3 | | | | | \$ 656 |
| | Interiors | | | 1 | 1 | 3 | | | | | \$ 656 |
| | Mechanical | | | | | | 1 | 2 | | | \$ 570 |
| | Plumbing | | | | | | 1 | 2 | | | \$ 576 |
| | Fire Protection | | | | | | 1 | 1 | | | \$ 41 |
| | Electrical | | | | | | 1 | 1 | | 2 | |
| | Low Voltage | | | | | | 1 | 3 | | 4 | \$ 73 |
| | Package 2: Permit Package Submittal | | | | | | | | | | |
| | Project Manager | | 1 | | | | | | | 1 | |
| | Civil | | | | | | 1 | 2 | | | \$ 57 |
| | Life Safety | | | 1 | 1 | 3 | | | | | \$ 65 |
| | Architecture | | | 1 | 1 | 3 | | | | 5 | |
| | Interiors | | | 1 | 1 | 3 | | | | 5 | |
| | Mechanical | | | | | | 1 | 2 | | | \$ 57 |
| | Plumbing | | | | | | 1 | 2 | | | \$ 57 |
| | Fire Protection | | | | | | 1 | 1 | | 2 | |
| | Electrical | | | | | | 1 | 1 | | | \$ 41 |
| | Low Voltage | | | | | | 1 | 3 | | 4 | \$ 73 |
| | b. Permitting | | | | | | ^ | | | | |
| | Package 1 | | | | | | | | | | |
| | Project Manager | | 3 | | | | | | | | \$ 90 |
| | Civil | | | | | | 4 | 6 | | 10 | |
| | Life Safety | | | 2 | 3 | 3 | 1 | | | | \$ 1,43 |
| | Architecture | | | 2 | 5 | 10 | | | | 17 | \$ 2,06 |
| _ | Interiors | | | | | | | | | | |
| | Mechanical | | | | | | 2 | 3 | | | \$ 99 |
| | Plumbing | - | | | | | 2 | 3 | | | \$ 99 |
| | Fire Protection | | | | | | 1 | 2 | | | \$ 57 |
| | Electrical | | | | | | 2 | 2 | | 4 | \$ 83 |
| | Low Voltage | | | | | | 1 | 3 | | 4 | \$ 73 |
| | Package 2 | | | | | | | | | | |
| | Project Manager | | 3 | | | | | | | | \$ 90 |
| _ | Civil | | | | | | 1 | 2 | | 3 | \$ 57 |
| - | Life Safety | | | . 2 | 3 | 3 | 1 | | | 9 | |
| | Architecture | | | 5 | 10 | 21 | | | | 36 | |
| - | Interiors | | | 1 | 1 | 5 | | | | 7 | |
| | Mechanical | | | | | | 4 | 10 | | 14 | \$ 2,62 |
| | Plumbing | | | | | | 4 | 10 | | 14 | \$ 2,62 |
| _ | Fire Protection | | | | | | 1 | 2 | | 3 | \$ 57 |
| | Electrical | | | | | | 4 | 9 | | 13 | \$ 2,46 |
| | Low Voltage | | | | | | 1 | 3 | | 4 | |
| | Task Total | 2 | 17 | 42 | 70 | 174 | 119 | 202 | | 626 | |

| | | | HOURS | | | | | | | | | |
|----------|---|-----------|------------------------|---------------------|-----------|---------------------|--------------------|----------|------------------------------|-------|--------------|--|
| | a . | Principal | Sr. Project Manager | Senior Architect | Architect | Intern Architect | Senior Engineer | Engineer | Administrativ e Assistant | HOURS | TOTAL COST | |
| | Burdened hourly rate | \$300.79 | \$300.80 | \$257.17 | \$131.92 | \$89.25 | \$258.47 | \$158.83 | \$633.27 | | (\$) | |
| Task 1.2 | Bidding and Award Services | | | | | | | | | | | |
| 1.2.1 | CMAR Inquiries/Clarifications and Addenda - Pkg 1 & Pkg | | | | | | | | | | | |
| | Project Manager | | 5 | | | | | | | | \$ 1,504.00 | |
| | Civil | | | | | | 4 | 2 | | 6 | | |
| | Life Safety | | | 1 | | 3 | | | | 4 | | |
| | Architecture | | | 5 | 20 | 31 | | | | 56 | | |
| | Interiors | | | 1 | | 3 | | | | 4 | | |
| | Mechanical | | | | | | 1 | 3 | | 4 | | |
| | Plumbing | | | | | | 1 | 3 | | 4 | | |
| | Fire Protection | | | | | | 1 | 5 | | | \$ 1,052.62 | |
| | Electrical | | | | | | 4 | 3 | | | \$ 1,510.37 | |
| | Low Voltage | | | | | | 1 | 6 | | 7 | \$ 1,211.45 | |
| 1.2.2 | CMAR GMP Review and Recommendation - Pkg 1 & Pgk 2 | | | | | | | | | | | |
| | Project Manager | | 3 | | | | | | | | \$ 902.40 | |
| | Civil | | | | | | 2 | | | 2 | \$ 516.94 | |
| | Life Safety | | | | | | | (5 | | | | |
| | Architecture | | | 2 | 5 | | | | | 7 | \$ 1,173.94 | |
| | Interiors | | | | | | | | | | | |
| | Mechanical | | | | | | 2 | | | | \$ 516.94 | |
| | Plumbing | | | | | | 2 | | | | \$ 516.94 | |
| | Fire Protection | | | | | | 2 | | | | \$ 516.94 | |
| | Electrical | | | | | | 2 | | | | \$ 516.94 | |
| | Low Voltage | | | | | | 3 | | | 3 | \$ 775.4 | |
| 1.2.3 | Conformed Documents - Pkg 1 & Pkg 2 | | | | | | | | | | | |
| | Project Manager | | 1 | | | | | | | | \$ 300.80 | |
| | Civil | | | | | | 2 | 3 | | | \$ 993.43 | |
| | Life Safety | | | 1 | | 3 | | | | 4 | | |
| | Architecture | | | 2 | 3 | 5 | | | | 10 | | |
| | Interiors | | | 1 | | 1 | | | | | \$ 346.43 | |
| | Mechanical | | | | | | 1 | 2 | | | \$ 576.13 | |
| | Plumbing | | | | | | 1 | 2 | | | \$ 576.13 | |
| | Fire Protection | | | | | | 1 | 2 | | | \$ 576.1 | |
| | Electrical | | | | 170 | | 1 | 2 | | | \$ 576.1 | |
| | Low Voltage | | | | | | 1 | 3 | | 4 | \$ 734.9 | |
| ų I, | Task Total | • | 9 | 13 | 28 | 46 | 32 | 36 | | 164 | \$ 27,838.59 | |
| Task 1 3 | Project Management and Project Coordination | | | | | | | | | | | |
| | Project Management | | | | | | | | | | | |
| | Project Manager | 2 | 5 | | | | | | 1 | 8 | \$ 2,870.8 | |
| | Task Total | 2 | | | | | | | 1 | 8 | \$ 2,870.8 | |
| TOTAL 5 | FOR ALL TASKS (RS&H) | 4 | 31 | 55 | 98 | 220 | 151 | 238 | 1 | 798 | \$ 134,963.2 | |

| Sub Consultant Effort by Major Task Item | Task 1.1 | Task 1.2 | Total |
|--|--------------|--------------|-----------------|
| Keith and Associates | \$ 19,547.87 | \$ 6,948.28 | \$ 26,496.15 |
| CRJ and Associates | \$ - | \$ 10,087.04 | \$ 10,087.04 |
| Master Consulting | \$ 48,304.47 | \$ 7,645.83 | \$ 55,950.30 |
| TOTAL SUBCONSULTANTS | | | \$ 92,533.49 |

SCOPE OF WORK

ATTACHMENT C: SUBCONSULTANT PROPOSALS

2699 Stirling Road, Suite B-201 Fort Lauderdale, Florida 33312 954.239.4330 Tel www.crjassociates.com

Wednesday, September 6, 2023

RS&H 10748 Deerwood Park Blvd South Jacksonville, FL 32256 [P] (904) 256-2276 [C] (812) 525-7455 [E] Aaron.Jackson@rsandh.com

RE: Subconsultant Letter Proposal

New ARFF Facility: Package Split & Bidding and Award Services Scope of Work Task Authorization No. I-23-PBI-R-036 Landside Civil Engineering

Mr. Aaron Jackson, P.E. – Aviation Structural Engineer:

CRJ & Associates, Inc. (CRJ) has received your firm's Scope of Work dated 08/15/2023 which will be presented to Palm Beach County Department of Airports (PBCDOA). CRJ understands, from review of the Package Split, that your firm has been requested to split the packages into two separate Construction Management at Risk (CMAR) packages due to funding and phasing of other on-going Projects at the Airport.

CRJ, in reading RS&H's Scope, understood the following:

- Package 1 Scope of Work includes:
 - o Sitework
 - o Gate V-27
 - o ARFF secured parking lot
 - o Dumpster and FPL Utility Pad Area
 - o Fuel and Generator Area
 - o Building
 - o Landscape
 - o Consideration of Florida Building Code 8th Ed.
- Package 2 Scope of Work includes:
 - o All construction drawings and work not included within Package 1.

Overall, CRJ understood that Package 1 would contain the majority of our Civil Site Design:

- 1. All Drainage Closed Conduit System with Drainage Structures (S-1 thru S-15)
- 2. Parking Lots (i.e., ARFF Public Lot and ARFF Secured Parking Lot)
- 3. Duncan Avenue Realignment
- 4. Pavement Markings and Signage



2699 Stirling Road, Suite B-201 Fort Lauderdale, Florida 33312 954,239,4330 Tel

www.crjassociates.com

Our involvement with Package 2, at the time of writing this Proposal, was deemed negligible with only roof drains connections from the east and west sides of the New ARFF (refer to Sheet C501). These elements can be coordinated by RS&H and the MEP should question arise during the Package Split & Bid and Award efforts.

In adhering to your firm's 08/15/2023 (Version 1.0) New ARFF Facility: Package Split & Bidding and Award Services Scope of Work, CRJ's involvement would be within Task 1.2 Bidding and Award Services - Additional Services for Package 1 as follows:

Task 1.2.1 CMAR Inquiries/Clarifications and Addenda (Package 1)

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

Task 1.2.2 CMAR GMP Review and Recommendation (Package 1)

The Consultant shall review the CMAR GMP and provide comments and / or recommendation of acceptance for each GMP. Review is limited to initial GMP review and (1) revision review.

Task 1.2.3 Conformed Documents (Package 1)

The Consultant shall update construction 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.

CRJ, at the time of preparing this Scope and Fee Proposal, had determined our involvement with Splitting the 100% Plans would involve the three (3) tasks listed above with the following fees.

| Description | Fees |
|--|-------------|
| Task 1.2.1 CMAR Inquiries/Clarifications and Addenda (Package 1) | \$2,441.88 |
| Task 1.2.2 CMAR GMP Review and Recommendation (Package 1) | \$2,441.88 |
| Task 1.2.3 Conformed Documents (Package 1) | \$5,203.28 |
| TOTAL = | \$10,087.04 |

Sincerely,

CRJ & ASSOCIATES, INC.

Marc A. Fermanian, MSCE, P.E. - President

Professional Engineer #52626 mfermanian@crjassociates.com

CONSULTANT FEES - Landside Civil Engineering Package Split & Bidding and Award Services Scope of Work

Palm Beach International Airport; New Airfield Rescue and Fire Fighting Facility (ARFF) Task No. I-23-PBI-R-036 Professional Engineering Services | Landside Civil Engineering | Package Split & Bidding and Award Services

DocuSign Envelope ID: 640428EE-8B30-4FD0-9940-D906C7B9A869



CRJ & Associates, Inc.

CONSULTANT FEES - Landside Civil Engineering Package Split & Bidding and Award Services Scope of Work

Prepared for: RS&H c/o Palm Beach County Department of Airports (PBCDOA) Palm Beach International Airport; New ARFF Facility: Package Split & Bidding and Award Services Scope of Work

Prime Consultant: RS&H (attention to: Mr. Aaron Jackson, P.E. - Aviation Structural Engineer) Task Authorization No. No. I-23-PBI-R-036

Palm Beach County

PROJECT LOCATION:

PROJECT NUMBER:

CRJ Consulting Fee Estimate for Landside Civil Engineering CA Services & Permitting Close-Out Date: Wednesday, September 6, 2023 CRJ & Associates, Inc

Palm Beach International Airport (PBI) Task No. I-23-PBI-R-033 10,087.04

| | LABOR ESTIMATE | IMATE | | | | | |
|--|-----------------------|------------------------|----------------------------|-----------------------------|---------------------|----------------|-------------------|
| Description PBCDOA approved 4, 8% Rate Increase (CRJ received on 09/06/2023) | Principal \$225.14 | Proj. Eng. \$169.13 | Eng. Insp. \$141.00 | CADD Technician \$138.07 | Clerical \$79.82 | Total Hours | Total Cost |
| ask 1.2 BIDDING PHASE SERVICES | | | | | | | \$ 10,087.04 |
| | | | M. A. S. S. S. S. S. S. S. | | | | \$ 10,087.04 |
| sk 1.2.1 CMAR Inquiries/Clarifications and Addenda (Package 1) | 2 | 8 | 0 | 0 | 8 | 18 | \$ 2,441.88 |
| sk 1.22 CMAR GMP Review and Recommendation (Package 1) | 2 | 8 | 0 | 0 | 8 | 18 | \$ 2,441.88 |
| sk 1.2.3 Conformed Documents (Package 1) | 2 | 8 | 0 | 20 | 8 | 38 | \$ 5,203.28 |
| sub-total | 9 | 24 | 0 | 20 | 24 | 74 | \$ 10,087.04 |
| TOTAL HOURS | 9 | 24 | 0 | 20 | 24 | 74 | * 0.0 Miles (1.0) |
| TOTAL I ABOR COST | £4 350 84 | \$4 059 12 | 80.00 | \$2.761.40 | \$1.915.68 | | \$ 10.087.04 |

PROJECT TOTAL LUMP-SUM NOT-TO-EXCEED FEES: \$ 10,087.04

LABOR COST + PRINTING / REPRODUCTION \$ 10,087.04

10,087.04

TOTAL LABOR COST \$
PRINTING / REPRODUCTION \$



CONTRACT ADDENDUM

September 21, 2023

Mr. Michael Strickler, P.E. RS&H, Inc. 3125 W Commercial Blvd, suite 130 Ft Lauderdale, FL 33309 Cell: 954-294-8469 Michael.Strickler@rsandh.com Project Name: PBIA ARFF
Project Location: Palm Beach International
Airport
KEITH Project Number: 10216.05
Contract Addendum: 02
Project Manager: Jorge Valle-Pellot

This Contract Addendum is being offered to expand additional professional services to be performed under this contract. RS&H has requested KEITH to provide Civil Engineering and Landscape Architecture Services for splitting current deliverable into two (2) separate CMAR packages (Project) due to funding and phasing of other on-going Projects at the Airport. Package 1 is assumed to be bid / permitted within (6) months of NTP and Package 2 is assumed to be bid / permitted with (1) one year of NTP.

Package 1

Construction documents and specifications for this package include the following:

- Civil
 - o Water and sanitary plans 100% Construction Documents
- Landscape
 - o Demolition of existing trees. Mitigation will be provided prior to close-out of Package 2.
 - All proposed landscape areas/exposed soil to receive bahia seed/sod and be hand watered until established. Contractor shall re-seed/sod as required to have 100% coverage.
 - Partial site irrigation: establish connection to water source, install all main line, control wires, zone valve stub-outs, and required sleeving under hardscape areas per plan.
 - Limits of construction will be coordinated with CMAR during Package 1 development.

Package 2

- Landscape
 - Install all proposed landscape per plan
 - Finish irrigation installation including all lateral lines, heads, valves, controller, etc. not installed with Package 1.

DESCRIPTION OF ADDITIONAL SERVICES

Task 1.1 Two (2) Bid / Permit Document Packages - Civil and Landscape

Task 1.1.1 Bid / Permit Package Development - Split

KEITH will revise the civil and landscape drawings to split them into correct packages. Efforts to duplicate backgrounds and drawings for each Package and duplicating the Project Manual and assigning specifications (and duplicating specifications if needed) into the correct Package are included under this task.

Task 1.1.3 Bid / Permit Package Quality Control Review

KEITH will conduct in-house quality control reviews of this submittal. The review will cover the design plans

www.KEITHteam.com

September 21, 2023 / Page 2 of 3
PBIA ARFF – KEITH 10216.05
RS&H, Inc.
Contract Addendum No. 02
and technical specifications prior to submittal to the Airport.

Task 1.1.4 Bid Package Submittals

KEITH will prepare and submit drawings in pdf format to CMAR and PBC DOA to be used for bidding. Documents will be noted "NOT FOR CONSTRUCTION, FOR BIDDING ONLY".

Task 1.1.5 Permit Package Submittal and Permitting

KEITH will submit electronic signed and sealed drawings per package in pdf format to CMAR and PBC DOA to be submitted to Permitting Agencies (PZB). Documents will be noted "FOR CONSTRUCTION". KEITH will assist during permitting process responding to permitting questions and comments and revising the necessary portions of the Contract Documents for approval by Permitting Agency to assist in obtaining permits.

Task 1.2 Bidding and Award Services - Additional Services - Civil and Landscape

Task 1.2.1 CMAR Inquiries/Clarifications and Addenda

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

Task 1.2.2 CMAR GMP Review and Recommendation

KEITH will review the CMAR GMP and provide comments and / or recommendation of acceptance for each GMP. Review is limited to initial GMP review and (1) revision review.

Task 1.2.3 Conformed Documents

KEITH will update construction 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.

SCHEDULE

Task 1.1 Two (2) Bid / Permit Document Packages— Civil and Landscape 2 Months
Task 1.2 Bidding and Award Services - Additional Services - Civil and Landscape 4 Months

COMPENSATION

Task 1.1 Two (2) Bid / Permit Document Packages – Civil and Landscape \$19,547.87 (Lump Sum)

Task 1.2 Bidding and Award Services - Additional Services - Civil & Landscape \$6,948.28 (Lump Sum)

Total Fee

\$26,496.15 + reimbursables

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



September 21, 2023 / Page 3 of 3 PBIA ARFF – KEITH 10216.05 RS&H, Inc.

Contract Addendum No. 02

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 | As to CLIENT RS&H, Inc. |
|--------------------------------|----------------------------|
| | Signature: |
| Alex Lazowick, PE, PMP, ENV SP | Print Name: |
| President | Title: |
| DATED: | DATED: |



| | | Project Manager III | Engineer III | Senior Landscape Architect | Arborist | Landscape Designer II | Landscape Designer III | HOURS | тс | TAL COST |
|----------|--|------------------------|--------------|----------------------------------|----------|--------------------------|---------------------------|-------|----|------------|
| | 2 | emu m | 4170.07 | 8004 80 | 2400.00 | \$123.53 | \$154.41 | | | 420 |
| | Burdened hourly rate | \$231.60 | \$138,97 | \$231,60 | \$169,85 | \$123,53 | 3154.41 | | | (\$) |
| | | | | | | | | | | - |
| | Two (2) Bid / Permit Document Packages | | | | | | | | _ | للشلاتط |
| 1.1.1 | Bid / Permit Package Development - Split | | | | | | | | \$ | |
| | Landscaping / Civil | 1 | 8 | 4 | | | 12 | 25 | \$ | 4,122.68 |
| 1.1.2 | Bid / Permit Package Development - Additional Services | | | | | | | | \$ | - |
| | N/A | | | | | | | - | \$ | • |
| 1.1.3 | Bid / Permit Package Quality Control Review | | | | | | | - | \$ | · • |
| | Independent Technical Peer Review | | | | | | | | \$ | |
| | Landscaping / Civil | 4 | 6 | 4 | | | 6 | 20 | \$ | 3,613.08 |
| 1.1.4 | Bid Package Submittal | | | | | | | - | \$ | - |
| | Pakage 1: Bid Package Submittal | | | | | | | ÷ | \$ | - 4 |
| | Landscaping / Civil | 2 | 5 | 2 | | | 4 | 13 | \$ | 2,238.89 |
| | Pakage 2: Bid Package Submittal | | | | | | | 2 | \$ | - |
| | Landscaping | | | 4 | | | 14 | 18 | \$ | 3,088.14 |
| 1.1.5 | Permit Package Submittal and Permitting | | | | | | | - | \$ | - |
| | a. Permit Package Submittal | | | | | | | - | \$ | 1071 |
| | Package 1: Permit Package Submittal | | | | | | | - | \$ | - |
| | Landscaping / Civil | 1 | 2 | 1 | | | 2 | 6 | \$ | 1,049.96 |
| | Package 2: Permit Package Submittal | | | | | | | _ | \$ | - |
| | Landscaping | | | 1 | | | 2 | 3 | \$ | 540.42 |
| | b. Permitting | | | | | | | | \$ | |
| | Package 1 | | | | | | | | \$ | : <u>4</u> |
| | Landscaping / Civil | 3 | 8 | 2 | | | 6 | 19 | \$ | 3,196,22 |
| | Package 2 | | | | | | | | \$ | - |
| | Landscaping | | | 2 | | | 8 | 10 | \$ | 1,698,48 |
| | Task Total | 11 | 29 | 20 | - | - | 54 | | S | 19,547.87 |
| | Task Total | - 1 | 23 | 20 | | | - 54 | 117 | Ť | 15,041.01 |
| Task 1.2 | Bidding and Award Services | | | | | | | | | الراسد الر |
| 1.2.1 | CMAR Inquiries/Clarifications and Addenda | | | | | | | | \$ | |
| | Landscaping / Civil | 1 | 3 | 2 | | | 4 | 10 | | 1,729.35 |
| 1.2.2 | CMAR GMP Review and Recommendation | | - | | | | | - | \$ | -, |
| 1.44.44 | Landscaping / Civil | 1 | 3 | 2 | | | 6 | 12 | _ | 2.038.17 |
| 1,2,3 | Conformed Documents | | | | | | | | \$ | |
| 1.2.0 | Landscaping / Civil | 2 | 4 | 4 | | | 8 | 18 | \$ | 3,180.76 |
| | Task Total | 4 | 10 | 8 | | | 18 | 40 | | 6,948.28 |
| | Tuon Town | - | .0 | 0 | | | | 70 | Ť | 0,0,0.20 |
| TOTAL E | OR ALL TASKS (KEITH) | 15 | 39 | 28 | | THE RESERVE | 72 | 154 | \$ | 26,496.15 |



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

September 13, 2023

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

RE:

Palm Beach International Airport New ARFF Facility (Additional Services)

846 Palm Beach International Airport, West Palm Beach, FL 33406

Dear Mr. Jackson:

Master Consulting Engineers, Inc. (MCE) was requested to provide (2) two separate packages for permitting: one for the foundations and another one for the main building structure.

Additionally, by the time is expected to submit both packages for permitting, the new Florida Building Code 2023 will be in effect. Consequently, the entire structure will need to be redesigned to ensure compliance with the updated code.

MCE Additional Services Description:

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

Package 1:

- a) Produce bid package documents and specifications for the building's foundations (including general notes, wind pressures, and foundations plan with footing schedule showing sizes, reinforcements, dowels concrete columns, and CMU walls and steel columns base plates). The foundation package will also include a dumpster enclosure and flag pole foundations.
- b) Perform a quality control review.
- c) Re-design of steel columns base connection to be supported over a concrete pedestal from the top of the foundation to grade level.
- d) Foundations will need to be redesigned due to the new Florida Building Code 2023 adoption.
- e) Bidding and award services.

Package 2:

- a) Produce Bid Package documents for the main building and all remaining elements not included in Package 1. Bid Package 2 will include slab on grade, exterior and interior walls, concrete columns, steel columns, roof steel framing, roof deck, and all corresponding sections and details.
- b) Perform quality control review.
- c) Structure will need to be redesigned due to the new Florida Building Code 2023 adoption.
- d) Bidding and award services.



Page 2 of 2 Mr. Bryan Wilson, AlA April 2, 2014

This additional work requires MCE to spend time in engineering and drafting that was not in our original budget, therefore we have estimated an additional fee in the amount of \$55,950.30 for this additional work.

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.

Very truly yours,

Master Consulting Engineers, Inc.

| Fabana Oullan | | |
|--------------------------------------|-------|--|
| Fabiana Orellana Project Engineer | | |
| Accepted by | Title | |

| | | | | | | HOURS | | | | | |
|-----------------|---|---------------|-----------|----------------------------|------------------------|------------------------------|-----------------------|------------|----------------|-------|--------------|
| | | Sr. Principal | Principal | Sr. Structural Engineer | Structural Engineer | Sr. CADD / BIM Technician | CAD/BIM Technician | Accounting | Administration | HOURS | TOTAL COST |
| | | | | | | | | | | | |
| | Burdened hourly rate | \$206.67 | \$134.83 | \$125.25 | \$85.47 | \$83.69 | \$50.58 | \$30.82 | \$28.57 | | (\$) |
| | | | | | | | | | | | |
| Task 1.1 | Task 1.1 Two (2) Bid / Permit Document Packages | | | | | | | | | | |
| 1.1.1 | Bid / Permit Package Development | | | | | | | | | 1 | |
| | Structural | | - | 2 | 8 | 26 | | | | 29 | \$ 5,755.73 |
| 1.1.2 | Bid / Permit Package Development - Additional Service | | | | | | | | | | s |
| | Structural | | 8 | 28 | 128 | 148 | | | | 312 | \$ 27,911.92 |
| 1.1.3 | Bid / Permit Package Quality Control Review | | | | | | | | | | s |
| | Independent Technical Peer Review | | | | | | | | | 1 | 9 |
| | Structural | | 4 | 8 | 16 | 24 | | | | 52 | \$ 4,917.40 |
| 1.1.4 | Bid Package Submittal | | | | | | | | | | 9 |
| | Pakage 1: Bid Package Submittal | | | | | | | | | , | S |
| | Structural | | | | 4 | 16 | | | | 20 | \$ 1,680.92 |
| | Pakage 2: Bid Package Submittal | | | | | | | | | 1 | S |
| | Structural | | | | 4 | 16 | | | | 20 | \$ 1,680.92 |
| 1.1.5 | Permit Package Submittal and Permitting | | | | | | | | | , | 9 |
| | a. Permit Package Submittal | | | | | | | | | , | s |
| | Package 1: Permit Package Submittal | | | | | | | | | | \$ |
| | Structural | | 2 | 2 | | | | | | 4 | \$ 520.16 |
| | Package 2: Permit Package Submittal | | 20 | | | | | | | T) | 9 |
| | Structural | | 2 | 2 | | | | | | 4 | \$ 520.16 |
| | b. Permitting | | | | | | | | | | 9 |
| | Package 1 | | | | | | | | | 1 | . \$ |
| | Structural | | 1 | 4 | 8 | 16 | | | | 29 | \$ 2,658.63 |
| | Package 2 | | | | | | | | | - | . 8 |
| | Structural | | - | 4 | 8 | 16 | | | | 29 | \$ 2,658.63 |
| | Task Total | • | 19 | 20 | 176 | 292 | • | • | • | 537 | \$ 48,304.47 |
| Task 1.2 | Bidding and Award Services | | | | | | | | | | |
| 121 | | | | | | | | | | 1 | 69 |
| | Structural | | - | 4 | 16 | 16 | | | | 37 | \$ 3,342.39 |
| 1.2.2 | CMAR GMP Review and Recommendation | | | | | | | | | , | \$ |
| | Structural | | - | 2 | 2 | 8 | | | | 13 | \$ 1,225.79 |
| 1.2.3 | Conformed Documents | | | | | | | | | • | • |
| | Structural | | - | 2 | 8 | 24 | | | | 35 | |
| | Task Total | | 3 | 8 | 26 | 48 | |) 4 | • | 82 | \$ 7,645.83 |
| | | | | | | | | | | 1 | |
| TOTAL | TOTAL FOR ALL TASKS (RS&H) | • | 22 | 28 | 202 | 340 | | | | 279 | \$ 55,950.30 |

EXHIBIT A-2 – Task I-23-PBI-R-037: 400Hz GPU Replacement Construction Administration & RPR Services - Extended Schedule

400 Hz GPU Replacement Construction Administration & RPR Services – Extended Schedule

Version 1.0 September 20, 2023 Palm Beach County (PBC) Department of Airports (DOA) West Palm Beach, Florida

Task Authorization No. I-23-PBI-R-037 RS&H Project No.: 206-3101-025

Prepared by RS&H Inc. at the direction of Palm Beach County Department of Airports



I PROJECT DESCRIPTION

The Palm Beach County of Airports has requested that RS&H (Consultant) under 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 Services for the 400Hz GPU Point of Use Replacement Project at Palm Beach International Airport (Project).

This proposal is to provide construction administration services and partial RPR services to support the additional construction time of the 400 Hz GPU replacement project.

DOA Task I-22-PBI-R-025 400Hz GPU Replacement Construction Administration & RPR Service project Task 3.1 Partial RPR Services included Electrical RPR (Quantum) on site for (5) days per week at (6) six hours per day for (55) fifty-five weeks (Maximum Not-to-Exceed).

NTP was issued 3/14/22 and Electrical RPR started effort on 5/17/22 which would have RPR end date of 6/6/23. RPR has been efficient with time and thus has not used all allocated funding for this task at time of proposal.

Attachment A is Contractor's latest schedule and indicates that Substantial Completion is schedule for 7/18/24 which is (112) one-hundred twelve weeks from date when RPR on-site efforts began.

At the current RPR fee burn rate, the project has budget to support RPR on-site for a total of (74) weeks on-site; thus, this proposal includes additional RPR services for an additional (38) weeks to have RPR site thru 7/18/24 Substantial Completion (ie on-site for 112 weeks).

II PROJECT TASKS

TASK 1 CONSTRUCTION ADMINISTRATION SERVICES

Task 1.1 Construction Progress Meetings – RS&H / Quantum Electrical Engineering
The Consultant Project Manager and the Electrical RPR shall participate in (19) additional biweekly remote construction coordination meetings until the Contractor has reached Substantial
Completion. Each meeting is anticipated to be (1) one hour.

Task 1.2 Project Management - RS&H

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 PARTIAL RESIDENT PROJECT REPRESENTATIVE (RPR) SERVICES

Task 2.1 Partial RPR Services - Quantum Electrical Engineering

The Consultant shall provide part-time electrical RPR services for the project that will consist of on-site presence and observation for (30) thirty hours per week for (38) thirty-eight weeks. The RPR will observe the on-site construction to confirm the work is in compliance with the contract documents and is progressing according to the construction schedule. The RPR will provide a weekly observation report identifying the progress of the construction and any deficiencies or discrepancies observed. The RPR will attend the construction progress meetings noted above as well as coordinate with other discipline team members for support during site visits. RPR will be provided by Quantum Electrical Engineering, Inc.

III PROFESSIONAL SERVICES FEE AND FEE TYPE

RS&H will provide for a Fixed Lump Sum Fee as shown below. See Attachment B for a breakdown of costs.

 RS&H (Task 1 & 2) =
 \$ 7,542.92

 Quantum (Task 1 & 2) =
 \$ 0.00

 Total
 \$ 7,542.92

RS&H will provide for a Maximum Fee, utilizing agreed to billing rates, Not-To-Exceed as shown below. See Attachment for a breakdown of costs.

Quantum (Task 1 & 2) =

\$160,366.46

Total Fee as follows:

Lump Sum Fee (Task 1 & 2) = \$7,542.92Maximum Fee, Not-to-Exceed (Task 1 & 2)) = \$160,366.46

Total Project Fee (Not-To-Exceed) =

\$167,909.38

Should scope items/activities/efforts/durations be modified at the request of the Airport or need to be adjusted based on design/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 - LATEST CONSTRUCTION SCHEDULE



| | | | | V 4 | O N D I E M A M I I A S O N D I A S O N D |
|--------|---|-----------------|-----------------------|----------|--|
| 1 D | PBIA - CONCOURSE B&C - 400 Hz GPU POINT OF USE - ACG SCHEDULE | Mon 3/14/22 | Mon 8/19/24 | 636 days | 314 |
| 2 | NOMETAGER | Mon 3/14/22 | Mon 3/14/22 | | 3/14 • MOTIVE TO PROCEED |
| 3 6 | DUAGET, ADMINISTRATION | Mon 3/14/22 | Tue = /24/22 | o uays | |
| | CHARLE AUGUSTALION | 27/41/2 HOW | 22/42/can1 | 52 udys | CONTRACTOR CONTRACTOR |
| 4 . | SUBMILIALS - PREPARE & SUBMIL | Mon 3/14/22 | Fn 3/18/22 | 5 days | OGNITIS - SOUR STATE - SOUR STA |
| n 4 | SUBMILIALS - REVIEW & APPROVE | Mon 3/21/22 | Fn 4/29/22 | 30 days | N. Crest |
| 0 1 | PERMITS | Mon 3/14/22 | Ine 5/24/22 | 52 days | CHANGE |
| , | ID BADGES | Mon 3/14/22 | Fri 4/22/22 | 30 days | capture (i |
| 00 | PHASE II - CONSTRUCTION | Wed 3/16/22 | Thu 7/18/24 | 612 days | |
| 5 | PROCUREMENT - FABRICATION (CRITICAL EQUIPMENT INITIAL DELIVERY) | Fri 4/22/22 | Mon 10/2/23 | 377 days | |
| 10 | CONCOURSE B DOORS B116E & B117E, (DOORS - FRAMES - HARDWARE) | Mon 5/2/22 | Mon 9/5/22 | 91 days | CONCURS BOOKS BILLE & BILL. (COOK) - TAKOWARD |
| = | CONCOURSE C DOORS C120E & C121E, (DOORS - FRAMES - HARDWARE) | Mon 5/2/22 | Mon 9/5/22 | 91 days | CONCOLAGE C DOORS CIDE & CIDIE (DOORS - PANCE |
| 12 | FPL VAULT DOORS FPL01 & FPL02 (DOORS - FRAMES - HARDWARE) | Mon 5/2/22 | Mon 9/5/22 | 91 days | FILVALY DOUGS FILE & FRUZ [DOUGS - FRANCHARS] |
| 13 | FPL VAULT DOORS FPL01&FPL02 (DOORS - FRAMES - HARDWARE) - DELIVERY DELAY | Tue 9/6/22 | Mon 11/28/22 60 days | 60 days | FRIVALT DOCKS FROM MIND DOCKS - FARVES - MARCHANG - DEVISA PERV |
| 14 | FPL VAULT DOORS FPL01&FPL02 (DOORS - FRAMES - HARDWARE) - NEW ORDER DELAY | Thu 5/18/23 | Wed 9/6/23 | 80 days | FAUNTU DOMS FROEISFING FOOMS - FRANSE - HADDIMAEI - NEW ORGENDEAN |
| 15 | CONCOURSE B FANCOIL UNIT & ACCESSORIES FCU1B | Fri 4/22/22 | Thu 8/25/22 | 90 days | CONCOLEGE BYANCH LWITE, ACCESSOR IS FOUR |
| 16 | CONCOURSE C FANCOIL UNIT & ACCESSORIES FCU1C | Fri 4/22/22 | Thu 8/25/22 | 90 days | CONCOURSE CTANCOL LUT & ACCESSORES FOUR |
| 17 | 200/3 NF N-4X 316 - DISCONNECTS | Mon 5/2/22 | Fri 9/2/22 | 90 days | SOUNS HALDIS G. SCOWETS |
| 18 | 200/3 NF N-4X 316 - DISCONNECTS DELIVERY DELAY | Mon 9/5/22 | Fri 10/14/22 | 30 days | TOOL NO MAKES IS CONCOMPETED BOLL FOR CRUM |
| 19 | 400 Hz GPU-28 VDC EQUIPMENT - DELIVERY | Mon 11/7/22 | Tue 11/8/22 | 2 days | SOUR GENERAL CENTRAL STATES |
| 50 | SWITCHBOARDS JBB1 | Fri 4/22/22 | Tue 10/25/22 | 133 days | SWID-GOYGO HEEL |
| 21 | SWITCHBOARDS JBB1 - DELIVERY DELAY | Wed 10/26/22 | Fri 5/26/23 | 153 days | SMITOGOAZOS FBI - CENTEFERAR |
| 22 | SWITCHBOARDS JBB1 - SECOND DELIVERY DELAY (INFORMATION RECEIVED ON 05/24/23) | Mon 5/29/23 | Fri 6/30/23 | 25 days | SWITCHGOADS #881-5ECON DELIVER PRAY (NFORMATION RECENTS DON GET/1423) |
| 23 | SWITCHBOARDS JBB1 - THIRD DELIVERY DELAY (INFORMATION RECEIVED ON 07/17/23) | Mon 7/3/23 | Mon 9/25/23 | 61 days | SMITCHGOARDS 1631 - THEID GELYERY GRANT GRANT GRONT RECEVED ON GY (1773) |
| 24 | PANELBOARDS LBB1 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | 1843FOYDS (181 |
| 25 | PANELBOARDS LBB2 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | FAMILONDSIBES |
| 56 | PANELBOARDS MTS LBB1 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | PANELOLDS |
| 27 | PANELBOARDS MTS LBB2 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | FANTEONDS WIS LES? |
| 28 | PANELBOARD EBR4 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | FANCEOUSD EBM |
| 59 | SWITCHBOARDS JBC1 | Fri 4/22/22 | Tue 10/25/22 | 133 days | SWICH-GOVEDS IECT |
| 30 | SWITCHBOARDS JBC1 - DELIVERY DELAY | Wed 10/26/22 | Fri 5/26/23 | 153 days | SWITG-BOARDS JECT - CRUTER CRIAN |
| 31 | SWITCHBOARDS JBC1 - SECOND DELIVERY DELAY (INFORMATION RECEIVED ON 05/24/23) | Mon 5/29/23 | Fri 7/7/23 | 30 days | SWITG-GLANDS FELL - SECOND EFLICEST CERAY (NECKAPATION PECEND ON 05/14/13) |
| 32 | SWITCHBOARDS JBC1 - THIRD DELIVERY DELAY (INFORMATION RECEIVED ON 07/17/23) | Mon 7/10/23 | Mon 10/2/23 | 61 days | SWITOGOARDS JECT - THED DRIVERY CEAR (PYGRATON PICENZE) |
| 33 | PANELBOARDS LBC1 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | 1 National Section |
| × | PANELBOARDS LBC2 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | FANELSONES IECZ |
| 35 | PANELBOARDS MTS LBC1 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | PANELDOAGS WIS LECT |
| 36 | PANELBOARDS MTS LBC2 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | PANELOUS US 15/2 |
| 37 | PANELBOARD ECR4 | Fri 4/22/22 | Wed 11/30/22 159 days | 159 days | FAMELOAND COA |
| 38 | CONCOURSE B&C ELECTRICAL ROOMS - BUSWAYS | Fri 4/22/22 | Thu 12/15/22 | 170 days | CONCOUNTS BAC PECTR CAL PODAVE BUSINESS |
| 39 | CONCOURSE B&C ELECTRICAL ROOMS - EMS & RETROFIT DRAW-OUT BREAKERS FOR | Fri 4/22/22 | Mon 4/3/23 | 247 days | CONCOURS BIT DECTT CALBOOMS - DAY B. RETORT TAANOOF TREATESTORS SEWENS ALUS DUSTINON - REQUESTED FRINGEN DAY BY EA |
| ij | SIEMENS-ALLIS SUBSTATION - REQUIRES PREVIOUS MEASUREMENT BY EATON | | | | |
| 40 | CONDUITS | Fri 4/22/22 | Thu 6/2/22 | 30 days | CONDUIS |
| 4 | ELECTRIC CABLES | Fri 6/3/22 | Thu 7/14/22 | 30 days | BECTR.C CABLS |
| 45 | CONCOURSE B&C 400 HZ ROOMS - INERGEN CLEAN AGENTS & ACCESSORIES | Mon 5/2/22 | Fri 3/17/23 | 230 days | SECONDARIE BY, SOUR MOONS - MERCHALLALANDERS EXCESSES |
| 43 | CONCOURSE B&C 400 HZ ROOMS - FIRE ALARM MODULES SYSTEMS & ACCESSORIES | Mon 5/2/22 | Thu 12/8/22 | 159 days | CONCOUNTE BIC GOOD ROOMS - FRIE ALAN MOCULES SYSTEMS & ACESSON ES |
| 44 | CONCOURSE B&C 400 HZ ROOMS - LIGHT FIXTURES & ACCESSORIES | Mon 5/2/22 | Fri 11/25/22 | 150 days | COVCOURSE R.C. 400 P.Z. BODMS - US-AF FITTING S. B.C. ESSON ES |
| 45 | CONCOURSE B&C 400 HZ ROOMS - COMMUNICATION RACKS & ACCESSORIES | Mon 5/2/22 | Fri 11/25/22 | 150 days | CONCOUNTS FOR 400 PL 2000 A CONTOURNED FOR A RESIDENCE |
| 46 | CONCOURSE B&C - 400 HZ & SWITCHGEAR ROOMS - DOOR ACCESS CONTROLS, SECURITY SYSTEMS Mon 5/2/22 | TEMS Mon 5/2/22 | Fri 11/25/22 | 150 days | CONCOUNT BY A SHARING SHARING ON THE SHARING S |
| 47 | MORITIZATION | Wed 3/16/22 | Tile 4/26/22 | 30 days | |
| 48 | GENERAL CONSTRUCTION - INSTALL OFFICE CONTAINER & SET UP | Wed 3/16/22 | Tue 3/29/22 | 10 days | ** GENERAL CONTRIVETION - INSTILL OFFICE CONTRIVEN & SET UP |
| | | | | | |



| ELECTRICAL - PROVIDE & CONNECT POWER TO OFFICE TRAILER | HETICAL - HOWER CONSTITUTION OF THE TANGEN TO OFF THATA WITH JUTIT - HOWER CONSTITUTION OF THE TANGEN TO OFF THATA ** MECHANICA - HOWER CONSTITUTION OF THE TANGEN THATA ** MECHANICA - HOWER THATA |
|---|--|
| WATER UTILITY - PROVIDE & CONNECT WATER SERVICE TO OFFICE TRAILER Wed 3/15/27 To 10 e 4/12/12 20 days WATER UTILITY - PROVIDE & CONNECT WATER SERVICE TO OFFICE TRAILER Wed 5/15/27 To 10 e 4/12/12 3 days WATER UTILITY - PROVIDE SERVICE TO OFFICE TRAILER STATE TRAIL TEMPORARY ENCLOSURES Wed 5/15/27 To 10 e 8/16/12 3 days STAGNICA STATE TEMPORARY ENCLOSURES Wed 5/15/27 To 10 e 8/16/12 3 days STAGNICA STATE TEMPORARY ENCLOSURES Wed 5/15/12 3 days STAGNICA STATE TEMPORARY ENCLOSURE WED STATE TEMPORARY ENCLOSURES WED STATE TEMPORARY ENCLOSURES WED STATE TEMPORARY ENCLOSURE WED STATE TEMPORARY PROTECTION TO ENSTING SPRINKLER SYSTEM & WED STATE TEMPORARY PROTECTION TO ENSTING SPRINKLER SYSTEM & WED STATE TEMPORARY PROTECTION TO ENSTING SHINGE SHADER & WED STATE TEMPORARY PROTECTION TO ENSTING SPRINKLER SYSTEM & WED STATE TEMPORARY PROTECTION TO ENSTING SHADER & WED STATE TEMPORARY PROTECTION TO ENSTING SHADER & WED STATE TEMPORARY PROTECTION TO ENSTING SHADER & WED STATE TEMPORARY ENCLOSED FROM TO STATE TEMPORARY ENGLING SHADER ENSTING DOORS, LINTER AND TO STATE TEMPORARY ENGLISH | OVEE & CONNET WATER SERVICE TO GETS CENTER THE PARTY WATER SERVICE TO GETS CONSTRUCTED THE PARTY WATER SERVICE TO GETS CONSTRUCTED THE PARTY WATER SERVICE OF THE SERVIC |
| PEMOLITION Wed 5/25/22 Tue 8/8/23 315 days | A PROPARTOR - NOTAL TROCKET ONE TOO SHIPE TON - NOTAL TROCKET ONE TOO SHIPE 1. FENDER ENTRY DESTRUCTION TO DE BY A STRUCTION OF THE SHIPE OF THE SHOW FENDER OF THE SHOW THE SHOW FENDER OF THE SHOW FENDER OF THE SHOW |
| CONCOURSE B Wed 5/25/22 Tue 8/8/23 315 days 'Incomparies 400 HZ & SWITCHGEAR ROOMS Wed 5/25/22 Tue 8/8/23 315 days 'Incomparies STAGING AREA PREPARATION - INSTALL TEMPORARY ENCLOSURES Wed 5/25/22 Tile 5/12/22 3 days 'Interpretation ELECTRICAL - RELOCATE WILP POWER CONDUIT OVER DOOR BLISE Mon 6/13/22 Thu 8/26/22 2 days 'Interpretation FIRE PROTECTION - INSTALL TEMPORARY PROTECTION TO EXISTING EXHAUST FAN, DUCTWORK AND LOUVER Mon 6/13/22 Thu 8/26/22 2 days 'Interpretation CHECK HEIGHT CLEARING EKLANOVE EXISTING LIGHTING (F NEEDED) - ROOM BLISE Mon 6/13/22 Thu 8/3/22 2 days 'Interpretation CENERAL CONSTRUCTION - INSTALL TEMP DOORS, REMOVE EXISTING DOORS, LINTEL AND THU 10/6/22 Mon 10/10/22 3 days 'Interpretation CONCOURSE CONCOURSE CONCOURSE Wed 5/25/22 Tue 4/4/23 225 days 'Interpretation CHECK HEIGHT CLEARRUC MON 6/12/22 Tue 6/12/22 Tue 6/14/23 235 days 'Interpretation CONCOURSE AGONTZ & SWITCHGEAR ROOMS WED 6/12/22 Tue 6/12/22 Tue 6/14/23 235 days | A FED MATTON - NITHLI TRIVELAR PRODUCES. - RECALL WATHLI TRIVELAR FACE OF STREET SOOR STREET AND TO STREET SOORS THE STREET SOOPS THE STREET SOORS THE STREET |
| Mon 6/12/22 Tue 8/8/123 315 days STAGNING AREA PREPARATION - INSTALL TEMPORARY ENCLOSURES Wed 5/125/12 14 days STAGNING AREA PREPARATION - INSTALL TEMPORARY ENCLOSURES Wed 5/125/12 14 days STAGNING AREA PROTECTION TO EXISTING SPRINKLER SYSTEM & Wed 5/125/12 Thu 5/126/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Thu 5/126/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Thu 5/126/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Thu 5/126/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 5/125/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 6/14/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 6/14/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 6/14/12 Tue 6/14/12 2 days TREFFECA-INDO CHECK HEIGHT CLEARENCE TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 6/14/12 Tue 6/14/12 3 days TREFFECA-INDO CHECK HEIGHT CLEARENCE Wed 6/14/12 Tue 6/14/12 3 days TREFFECA-INDO CHECK HEIGHT CLEARENCE TREF | HERCATE WEIGHT THE PROPERTY FOR COOKER TO BE THAN STANDERS SHEET TO A CHARLES OF CLANDAGE 4. FOOVE DESTINATED HER SECTION TO DE THAN STANDERS SHEET TO A CHARLES SHEET SHEET TO A CHARLES SHEET TO A CHARLES SHEET TO A CHARLES SHEET SHADER SHEET SHAD |
| STAGING AREA PREPARATION - INSTALL TEMPORARY ENCLOSURES Wed 5/25/22 Fin 5/27/22 3 days FIECTRICAL - RELOCATE WHIP DOWER CONDUIT OVER DOOR B 116E FRE PROTECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKIER SYSTEM & Wed 5/25/22 Thu 5/26/22 5 days FIECTRICAL - REMOVE EXISTING EXHAUST FAN, DUCTWORK AND LOUVER MECHANICAL - ROOM B 116E - REMOVE EXISTING EXHAUST FAN, DUCTWORK AND LOUVER MECHANICAL - ROOM B 116E - REMOVE EXISTING BOORS, LINTEL AND FINAL TEMPORAL CONSTRUCTION - INSTALL TEMPORARY FROTECTION TO EXISTING BOORS, LINTEL AND FORTING BOORS, LINTEL AND DOORS, PERFORM PRESSURE TEST, REMOVE EXISTING BOORS, LINTEL AND DOORS, PERFORM PRESSURE TEST, REMOVE EXISTING BOORS, LINTEL AND CONDORS, REMOVE EXISTING SPRINKIER SYSTEM & Wed 5/25/22 Tue 4/4/23 225 days CONCOURSE ADDITION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 4/4/23 225 days STAGING AREA PREPARATION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 5/11/22 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 5/11/22 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 6/11/23 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 5/11/22 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 Tue 5/11/22 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION TO EXISTING SPRINKIER SYSTEM & MON 5/30/22 TUE 5/11/22 2 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION BY DOORS, FRANOVE EXISTING DOORS, LINTEL AND TUE 1/31/33 THU 2/12/23 3 days FIRE PROTECTION - INSTALL TEMPORARY FROTECTION BY DOORS, FRANOVE EXISTING DOORS, LINTEL AND TUE 1/31/33 THU 2/12/23 3 days | A HENANTON-NTHE ENOUGH ENGLOSE SHEET OF THE STATE OF THE |
| FIRE PROTECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & Wed 5/25/22 Thu 5/26/22 2 days FIRE PROTECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & Wed 5/25/22 Thu 5/26/22 2 days FIRE PROTECTION - INSTALL TEMPORARY PROTECTION OF EXISTING CHANGE STRING SCHAUST FAM, DUCTWORK AND LOUVER Mon 6/6/12 Fir 6/10/22 5 days FIRE PROVE EXISTING DOORS, LINTEL AND TOWN EXISTING DOORS, LINTEL AND TOWN PRESSURE TEST, REMOVE EXISTING DOORS, LINTEL AND CANDOVER EXISTING SPRINKLER SYSTEM & Wed 5/25/22 Tue 4/4/23 225 days FIRE PROME TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FIRE PROME TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FIRE PROME EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/1/22 Tue 6/11/22 5 days FIRE PROME EXISTING SPRINKLER SYSTEM & Wed 6/11/22 1/23 days FIRE PROME EXISTING SPRING SPRI | AL-POWER THE -BRONG DATE OF THE DEPOSATION OF THE STATE O |
| FIRE PROTECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & Wed 5/125/22 Thu 5/126/22 2 days Mon 6/12/22 Thu 5/126/22 2 days Mon 6/12/22 Thu 5/126/22 2 days Mon 6/12/22 Thu 6/12/22 2 days CANLO DVER EXISTING LIGHTING (IF NEEDED) - ROOM B116E Mon 6/12/22 Thu 6/14/22 2 days CANLO DVER EXISTING DOORS, LINTEL AND DOORS, REMOVE EXISTING DOORS, LINTEL AND TO STATEM DOORS, LINTEL AND TO STATE | TOW. NATILE TROOR THE PROPERTY AND REPORT AND TOWER AND THE TOWER THAT TOWER THE PROPERTY AND TOWER AND TOWER AND TOWER AND TOWER THE AND TOWER THAT TOWER THE AND TOWER THE AND TOWER THAT AND TOWE |
| Mone 6/13/22 Tie 6/10/22 S days Mone 6/13/22 Tie 6/10/22 S days Mone 6/13/22 Tie 6/14/22 S days Mone 6/13/22 Tie 6/14/23 S days Mone 6/14/23 Mone 6/14/23 S days Mone 6/14/23 S days Mone 6/14/23 Mone 6/14/23 S days Mone 6/14/23 M | AL-IBONE DITIME TRADET DITIME EVALUE THAT ENCTIONER AND THAT ENCORE DITIME TO COLUMN FASTORIE DITIME TO COLUMN AND COMUNICATE TO THE AND THAT THAT EVALUE DITIMES TO COLUMN AND COMUNICATE TO THE AND THAT THAT EVALUE DITIMES TO THAT THAT EVALUE DITIMES THAT AND COLUMN FASTORIE TO THAT THAT EVALUE DITIMES THAT AND COLUMN FASTORIE TO THAT THAT EVALUE DITIMES THAT AND COLUMN FASTORIE DITIMES TO COLUMN AND COL |
| ELECTRICAL - REMOVE EXISTING LIGHTING (F NEEDED) - ROOM B116E GENERAL CONSTRUCTION - INSTALL TEMP DOORS, REMOVE EXISTING DOORS, LINTEL AND GENERAL CONSTRUCTION - INSTALL TEMP DOORS, REMOVE EXISTING DOORS, LINTEL AND GENERAL CONSTRUCTION - INSTALL TEMP DOORS, PERFORM PRESSURE TEST, REMOVE GENERAL CONSTRUCTION - INSTALL TEMP DOORS, PERFORM PRESSURE TEST, REMOVE GENERAL CONSTRUCTION - INSTALL TEMP DOORS, PERFORM PRESSURE TEST, REMOVE GONCOURSE GONCOURSE GONCOURSE A00 HZ & SWITCHGGAR ROOMS STAGING AREA PREPARATION - INSTALL TEMPORARY FRICTOSURE FILE PROPECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days STAGING AREA PREPARATION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FILE PROPECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FILE PROPECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & MON 5/30/22 Tue 5/31/22 2 days FILE PROPECTION - INSTALL TEMPORARY FRANOVE EXISTING DOORS, LINTEL AND TUE 1/31/33 THU 2/2/23 3 days FILE PROPECTION - INSTALL TEMPORARY FRANOVE EXISTING DOORS, LINTEL AND TUE 1/31/33 THU 2/2/23 3 days | * GENERAL CONSTRUCTOR - NATUL TRANSCOCKA, MANONE DOTHNS DOORS, FREE ON OFFE ESTIMATEDOOS (B1164) * GENERAL CONSTRUCTOR - NATUL TRANSCOCKA, MANONE DOTHNS FROM THE MANONE B1164) * GENERAL CONSTRUCTOR - NATUL TRANSCOCKA, MANONE DATINA STRUCK CONTROLLED TO CONTROLLED THAN STRUCK CONTROLLED THAN STRU |
| L. REMOVE EXISTING LIGHTING (IF NEEDED) - ROOM BILDE MOR D J 3/1/22 LIGE D J 4/1/22 LIGE D J | * GREAL CONSTRUCTOR - NATUL TO POORL ALVONE DOTHAGOORL UNTIL TO POORL FETOW PRESURE TELL FUNNTE DESTINATIONS, UNTEL AND CONTORED TO THE AND CONTOR |
| CONSTRUCTION - INSTALL TEMP DOORS, PERFORM PRESSURE TEST, REMOVE Wed 8/2/23 Tue 8/8/23 5 days NOORS, LINTEL AND CAULOVER EXISTING DOORS (B117E) Wed 5/25/22 Tue 4/4/23 225 days Wed 5/25/22 Tue 5/31/22 2 days Wed 5/31/22 Tue 5/31/22 2 days CAL - ROOM CI20E - REMOVE EXISTING EXHAUST FAN, DUCTWORK AND LOUVER Wed 6/1/22 Tue 6/1/22 5 days L- REMOVE EXISTING LIGHTING (IF NEEDED) - ROOM CI20E Wed 6/8/22 Thu 6/9/22 2 days Wed 6/8/22 Thu 6/9/22 2 days A days Wed 6/8/22 Thu 6/9/22 2 days Wed 6/8/22 Thu 6/9/22 3 days | * GREEM CONTRUCTOR - TO STATE STATE TO STATE TO STATE |
| ITCHGGAR ROOMS Wed 5/25/22 Tue 4/4/23 225 days NRED PREPARATION - INSTALL TEMPORARY ENCLOSURE Wed 5/25/22 Tie 4/4/23 225 days CECTION - INSTALL TEMPORARY ENCICCION TO EXISTING SPRINKLER SYSTEM & Mon 5/30/22 Med 5/35/22 Tie 5/31/22 3 days CAL - ROOM CI20E - REMOVE EXISTING EXHAUST FAN, DUCTWORK AND LOUVER Wed 6/1/22 Tue 6/7/22 5 days AL - REMOVE EXISTING LIGHTING (IF NEEDED) - ROOM CI20E Wed 6/8/22 Thu 6/9/22 2 days CONSTRUCTION - INSTALL TEMP DOORS, REMOVE EXISTING DOORS, LINTEL AND Tue 1/31/33 Thu 2/2/23 3 days | MAREDAARDOK-NITALTEMOGRAF PACIOLISE TYGON-USTALTEMOGRAF PACIOLISE AL AGONG CING - NATALTEMOGRAF PACIONS PRACES PRACES PACIOLISES L-REVORT ENSTRUCTORY OF PACIONS L-REVORT ENSTRUCTORY OF AN ELEB J-4G ON CINK ENSTRUCTORY E |
| Ned 5/25/22 Tue 4/4/23 225 days SIRAP REPARATION - INSTALL TEMPORARY ENCLOSURE Wed 5/25/22 Fit 5/27/22 3 days ECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & Mon 5/30/22 Tue 5/31/22 2 days ECTION - INSTALL TEMPORARY PROTECTION TO EXISTING SPRINKLER SYSTEM & Mon 5/30/22 Tue 5/31/22 2 days LA-ROOM CIZOE - REMOVE EXISTING EXHAUST FAN, DUCTWORK AND LOUVER Wed 6/1/22 Tue 6/1/22 5 days LA-REMOVE EXISTING LIGHTING (IF NEEDED) - ROOM CIZOE Wed 6/8/22 Thu 6/9/22 2 days Ned 6/8/22 Thu 6/9/22 3 days TO STANDARY TEMPORORS, REMOVE EXISTING BOORS, LINTEL AND Tue 1/31/23 Thu 2/2/23 3 days | TOW - NSTAL TEMOGRAPH PRINCIPAL STATES STATE |
| Wed 5/25/22 Fri 5/71/22 3 days G SPRINKLER SYSTEM & Mon 5/30/22 Tue 5/31/22 2 days DUCTWORK AND LOUVER Wed 6/1/22 Tue 6/7/22 5 days 120E Wed 6/8/22 Thu 6/9/22 2 days INK6 DOORS, LINTEL AND Tue 1/31/23 Thu 2/2/23 3 days | PAREDANDO - ANTALTROCAAN PORTOGEN OF DITAS SPANIES STITUA E MECK RESMITGLANDER. 14. ADOM CINE - ALVORTENSTWED PRASE SPANIES STITUA E MECK RESMITGLANDER. 14. ADOM CINE - ALVORTENSTWED PARE SPANIES STITUA E MECK RESMITGLANDER. 15. AND THE SPANIES STANDER. 16. AND THE SPANIES SPANIES STANDER. 16. AND THE SPANIES STANDER. 16. AND THE SPANIES SPANIES SPANIES STANDER. 16. AND THE SPANIES SPANIE |
| Mon 5/30/22 Tue 5/31/22 2 days Wed 6/1/22 Tue 6/7/22 5 days Wed 6/8/22 Thu 6/9/22 2 days Tue 1/31/23 Thu 2/2/23 3 days | AL FROM CIDS - REVOIR ENSINGE FROM CONTROL TO THE SECOND WITH AND COLOUR ENTER AND COLOUR ENGINGED COOK (CINE) 1. REVOIR ENSINGE FROM ENGINEERS FOR CIDE 1. REVOIR ENGINEERS FOR ENGI |
| Wed 6/1/22 Tue 6/7/22 5 days Wed 6/8/22 Thu 6/9/22 2 days Tue 1/31/23 Thu 2/2/23 3 days | AL JEON CIDE - PRINCED - ROCHUST AND DECINIST AND DECINIST AND CHAD THE AND CHAD THE BUSING DOGUS (1736) - GENERAL CONTRICTION - AND LEI THEY DOCKS, FRANKE DISTING DOCKS, UNTR. AND CHAD OFTER DOCKS, UNTR. AND CHAD OFTER DISTING DOCKS, UNTR. AND CHAD OFTER DOCKS, UN |
| Wed 6/8/22 Thu 6/9/22 2 days Tue 1/31/23 Thu 2/2/23 3 days | L-ENORENSTINALISSIMAS (F MELED) - RGON CIEKE 1. ENOREN, COSTENCTION-NATILL TEAV DOORS, FENORE DISTINS COOSS, UNTL. AND CUJ, DISR DISTING DOORS, (LIRE) 1. EDUCH, COO, FENCTION-NATILL TEAV DOORS, FENORM FESSIVE TIST, RELOVE ESSTING DOORS, UNTEL AND CUJ, DREAD FESSIVA DOORS (F. 1987) |
| Tue 1/31/23 Thu 2/2/23 | I GENERAL CONTEXTORM-NOTIVAL TOWN DOCKS, PRINCE ENGING ECOSS, UNTR. AND CULDING ENSTING ECONSTINEED ON SERVING ENGINEED IN THE AND COMFORTED FOR ENGINEED ON SERVING ENGINEED ON SERVING EDGING ENGINEED ON SERVING EDGING ENGING |
| | + Gerea, cospience on antal tem door, pesona pesona essué itse aluda extensedons, unte and cam orre distans doors |
| | |
| GENERAL CONSTRUCTION - INSTALL TEMP DOORS, PERFORM PRESSURE TEST, REMOVE Fri 3/31/23 Tue 4/4/23 3 days EXISTING DOORS, LINTEL AND CAMU OVER EXISTING DOORS (C121E) | |
| FPLVAULT ROOM Thu 7/27/23 Tue 11/28/23 89 days | |
| Thu 7/27/23 Tue 10/3/23 | |
| EMO DOORS (FPL01 & FPL02) Thu 7/27/23 Wed 9/6/23 | CONDIVATE WITH PAY, FEVER TO CHEMICAL PRINCIPLICAL APPROXIMATION OF THE |
| OORS (FPL01 & FPL02) Wed 9/20/23 Tue 10/3/23 | |
| GENERAL CONTROLLION WELL TO THE LIJION SO THE CONTROLLION SO THE LIJION | SENERAL CONSTRUCTION - INSTALL DOOR PHOLIA LOUNES |
| & LOUVER Wed 10/4/23 10 10/31/23 Wed 10/4/23 Time 11/14/33 | E GENERAL CONSTRUCTION - INGITAL DOCK FILED. |
| Tue 11/28/23 | ■ WASONRT-BROUT & PAINT AROUND DOORS |
| Fri 6/3/22 Thu 7/18/24 | |
| CONCOURSE B Fri 6/3/22 Tue 2/20/24 448 days | |
| -ELECTRICAL-CONDUITTO ALL GATES Fri 6/3/22 Thu 10/6/22 90 days | |
| (ES, AND ACCESSORIES TO EACH GATE 400 Fri 6/3/22 Thu 9/22/22 80 days | — ELECTI CAL - INSTALL ALL CONDUITS, INCTION BOILES, AND ACCESSOR ES TO EACH GATE 400 HZ GRU LIVIT |
| | RECITICAL -NSTALLAL CONDUCTORS AND ACCESSOR IS REQUESTED TO SUFFLY FOARS 10 400 PC SHOUNT (TEMPORANY FOARSED GATES) |
| | |
| Thu 10/6/22 15 days | - RECTRICAL - PROVIDE AUCTION BOXES JEL, BIJ, AND JES FOR FUTURE GATTRESS |
| TE B16 Fri 9/16/22 Thu 10/6/22 15 days | RECINCAL - FROMOBENCINON BOYES JET, JET, AND JES FOR FUTURE GATE BIS |
| Mon 12/26/22 34 days | Pount Provide a private particular and a provide provide an emphasization of the provide provide an emphasization of the provide provi |
| SUBSTATION B - REPLACE CIRCUIT BREAKER PER FIELD BULLETIN #2 KEYED NOTE #3 (NIGTH Wed 11/9/22 Thu 11/10/22 Z days | SUBSTANTING B - PEPTALE LINKLIN BILLARENTER FILL BILLERING & ALE ID POLICES I VIGIN BILLARENTER ALE ALE ALE ID POLICES I VIGIN BILLARENTER ALE |
| E TEMP DOWER CONNECTIONS TO EACH GATERNIGHT WORK) Fr. 11/11/22 Mon. 11/14/22 2 days | PREMARETEM POWER CONNECTIONS TO EACH GATTEN GAT WORL) |
| Tue 11/15/22 Mon 11/21/22 5 days | GATERA (Work entends to Strander 11/11) |
| turday 11/19) Tue 11/22/22 | GATE BI (TWO UNTS); Wick entereds to Salve day 14(73) |



| 9 | Tark Nama | Chart | Control | | THE TWO CHEST |
|---------|---|---------------------------|-----------------------|--|--|
| | | | | A SOND JEWA M JA A SOND DIEMA M JA JA SOND JEWA M JA JA SOND JEWA M JA SOND JEWA | JASONDJEMAMJJASONDJE |
| Ξ | GATE B7 (Thanysgiving Weekend 24&25/11 - No Work) | Tue 11/29/22 Thu 12/11/22 | 1/22 3 days | | |
| 123 | GATE B1 (Work extends to Saturday 12/03) | Mon 11/28/22 Thu 12/11/22 | 1/22 4 days | | |
| 135 | GATE B3 - B6 (Concurrent Work with Gate C8) (Work extends to Saturday 12/10) | Mon 12/12/22 Thu 12/15/22 | 15/22 4 days | GATE 83 - 86 (Concurrent Work with Gare CB) (Work extends to Statuday 13/19) | |
| 147 | GATE B6 - B3 (Concurrent Work with Gate C12) (Work extends to Saturday 12/17) | | /26/22 5 days | GATE 56 - 83 (CONCURRATION OF AND GATE COS) (Work emands to Saturday 12/17) | 9 |
| 159 | 400 HZ ROOM - ELECTRICAL | | Tue 12/19/23 395 days | | |
| 160 | ELECTRICAL - INSTALL TEMPORARY LIGHTING - ROOM B116E (IF NEEDED) | Wed 6/15/22 Tue 6/21/22 | | * RECTRICAL - INSTALLTENFORAST UGHTING - ROOM B1 (RE (F NEEDED) | |
| 161 | ELECTRICAL - INSTALL & CONNECT PANEL EBR4 | Tue 9/26/23 Mon 11/6/23 | | | CL FAND ERFA |
| 162 | ELECTRICAL - INSTALL & CONNECT PANEL MTS 1881 | | | | CTPANR WISTER |
| 163 | ELECTRICAL - INSTALL & CONNECT PANEL LBB1 | | | | CT FANEL 1881 |
| 72 | ELECTRICAL - INSTALL & CONNECT PANEL MTS LBB2 | | | | ICT PANR WTS 1892 |
| 165 | ELECTRICAL - INSTALL & CONNECT PANEL 18B2 | | /6/23 30 days | | CT FAVELUES 2 |
| 166 | ELECTRICAL - INSTALL ALL INTERCONECTING CONDUITS & WIRES BETWEEN PANELS | | Mon 11/20/23 30 days | | HECHSCAL-INSTRILATION BECOME TWO CONTROLS A WINESS BEINGENEARD |
| 167 | ELECTRICAL - INSTALL INTERNAL COMPONENTS IN ALL PANELS AS REQUIRED | m | | | TO A CONTROL OF CONTRO |
| 168 | ELECTRICAL - INSTALL BUSWAY | | | | Sunat. |
| 169 | ELECTRICAL - INSTALL PANEL JBB1 | Tue 9/26/23 Tue 12/19/23 | 19/23 61 days | ELECTRICAL - INSTALL ALL INTERCONECTING CONDUITS BETWEEN PANELS & 1881 SWITCHGEAR | ACC 1994 |
| 2 | SWITCHGEAR | | | | |
| 171 | ELECTRICAL - INSTALL ALL COMPONENT AND INTERCONNECTIG WIRES BETWEEN PANELS & | Tue 10/31/23 Mon 12 | Mon 12/11/23 30 days | TRICAL - INSTALL ALL COMPONENT AND INTERCONNECTIG WIRES BETWEEN PANELS & 1831 SWITCHGEAR | |
| | JBB1 SWITCHGEAR | | | | |
| 172 | SWITCHGEAR ROOM - ELECTRICAL | Tue 10/3/23 Tue 1/23/24 | 3/24 81 days | \$ | |
| 173 | ELECTRICAL - INSTALL BUSWAY | Tue 10/3/23 Mon 12 | Mon 12/11/23 50 days | | DWAY |
| 174 | ELECTRICAL - INSTALL EMS & RETROFIT DRAW-OUT BREAKERS FOR SIEMENS-ALLIS | Tue 10/3/23 Mon 12 | Mon 12/11/23 50 days | | ELECTRICAL - INSTALL EMS & RETROFT DRAWOUT BREAKERS FOR SEMENS-ALUS SUGSTATION |
| | SUBSTATION | | | THE STATE OF THE S | |
| 175 | ELECTRICAL - CONNECT BUSWAY | 12/20/23 | | | |
| 176 | 400HZ & SWITCHGEAR ROOMS - ELECTRICAL | 1/24/24 | | 8.4 | |
| 177 | ENERGIZE & COMMISSION ALL PANELS TO BE READY TO SUPPLY POWER TO NEW 400 HZ GPU Wed- | J Wed 1/24/24 Tue 2/20/24 | 0/24 20 days | 54 | |
| 178 | ADD HZ & SWITCHGEAB BOOMS, CONCRETE & MASONBY | Tue 11/8/22 Mon 10 | Mon 10/9/23 240 days | | |
| 170 | AND LIZ DOOM DITECT MENT DOOD DEFINES INSTALL BEAD DEP DRAWINGS | | Mon 11/14/22 E dans | * 4/OPZ ROOM B116E - NEW DOOR OF BUNDS - INSTALL REBAR FER DRAWINGS | |
| 180 | AND HZ ROOM BIJGE - NEW DOON CFEMINGS - INSTALL REBAIN FER DIAWINGS | | Mon 11/14/22 5 days | | |
| 181 | ADD HZ ROOM B116E - POLIS DOOR LINTE | - | Mon 11/21/22 5 days | # 400HZ ROOM BILLEE - POUR DOOM UNTEL | |
| 182 | 400 HZ ROOM B116E- INSTALL CMU OVER NEW DOOR - INSPECTION | | 2/23 30 days | WS 43942 ROOM BILEE-INSTALL CAN DIVERNIBOOR - INSPECTION | |
| 183 | 400 HZ BOOM B116E - INSTALL NEW DOORS, FRAMES AND HARDWARE | | | - 420 HZROOM B116E - NGTALL NEW DOOMS, FRANCES AND HARDMARE | |
| 2 | 400 HZ ROOM B116E - GROUT & PAINT AROUND NEW DOORS | _ | | # 425HZROOM BILEE - GROUT & PANT AROUND NEW DOORS | |
| 185 | 400 HZ ROOM B116E - FORM & POUR JBB1 CONCRETE PAD | | | NOT A STATE OF THE POINT REPORT RESIDENCE PAGE | CR 1831 CCACRETE PAD |
| 186 | SWITCHGEAR ROOM B117E - NEW DOOR OPENINGS - INSTALL REBAR PER DRAWINGS | Wed 8/9/23 Tue 8/15/23 | | SYNTOHEGAR ROOM BITTS - NEW BOOK OFENNES - 165 TALL BEENGE FER CRAMINOS | PENNGS - NGTALL REBAR PER CRAWINGS |
| 187 | SWITCHGEAR ROOM B117E - PREPARE FORMWORK FOR OPENING, POUR CONCRETE AS | Wed 8/9/23 Tue 8/15/23 | 5/23 5 days | | Switcheear room bilte - Prepare Forundra For Openins, Pour Concrete as Regured |
| 288 | KEQUIKED SWITCHGEAR BOOM 8117E - INSTALL PRECAST LINTEL PREPARE & INSTALL METAL DOOR | Wed 8/16/23 Tile 8/29/23 | 9/23 10 days | | = SMITCHSEAR ROOM BLITE - WATALLERECAST LATER, PREFARE & INSTALL WETAL DOOR LIVITE. |
| | LINTEL | | | | |
| 189 | SWITCHGEAR ROOM B117E - INSTALL CMU OVER NEW DOOR LINTEL | Wed 8/16/23 Tue 8/22/23 | 2/23 5 days | I SWITCHGEAR FOOM BILIZE - NJIALL CANJ ONTR NEW DOOR UNTER | J OVER NEW DOOR LINTE. |
| 190 | SWITCHGEAR ROOM B117E - INSTALL NEW DOORS, FRAMES AND HARDWARE | Wed 8/23/23 Tue 9/12/23 | 2/23 15 days | | NEW DOORS, FRANCS AND HASDWARE |
| 161 | SWITCHGEAR ROOM B117E - GROUT & PAINT AROUND NEW DOORS | Wed 9/13/23 Tue 9/19/23 | 9/23 5 days | S SMICHEAR ROOM BITTE - GROUT & PANT ARBUND NEW DOORS | & PAINT ARGUND NEW DOORS |
| 192 | 400 HZ & SWITCHGEAR ROOMS - MECHANICAL | Mon 8/1/22 Fri 3/24/23 | | | |
| 193 | INSTALL NEW FCU -ALL COMPONENTS INCLUDED | 8/1/22 | | | |
| 7 | ROUTE NEW CHWL S/R AND CONDENSATE PIPING INTO EXISTING HEADER, CONNECT AND | Mon 8/1/22 Fri 8/26/22 | 5/22 20 days | YS ROUTE NEW CHALLS A AND CONCENSATE PRIVATION DESTINATIONS HENCE AND INSCRAIL | AR |
| 50. | INSOLATE INTERCONTENT INTO CONTENTS OF | (1)(/(1) 52 (1)(/(1) 1) | 10 day | * INSTALL AND CONNECTHANG CONTROLS | |
| 196 | HVAC TEST AND BALANCE | Mon 12/5/22 Fri 12/9/22 | | | |
| 197 | REMOVE EXISTING FCU AND RELATED EQUIPMENT | | | YS FEWONE ENSINGS FOUND RELATED FOUNDAT | |
| 198 | PATCH & PAINT WALL OPENINGS | Mon 3/20/23 Fri 3/24/23 | ~ | PATCH & PANT WALL CF BUNGS | |
| Data D. | Data Date: 01/21/2021 | | | Page 3 | |
| Revisio | Revision Date: Mon 7/17/23 | | | | |



| 8 | CONCOURSE - ELECTRICAL - CONDUIT TO ALL GATES CENECONES - ELECTRICAL - CONDUIT TO ALL GATES ELECTRICAL - INSTALL ALL CONDUITS, JUCTION BOXES, AND ACCESSORIES REQUIRED TO SUPPLY POWER TO EACH GATE 400 HZ GPU UNIT ELECTRICAL - INSTALL ALL CONDUITORS AND ACCESSORIES REQUIRED TO SUPPLY POWER TO 400 HZ GPU UNIT (TEMPORARY POWERED GATES) 400 HZ GUN SUNIT (TEMPORARY POWERED GATES) 400 HZ GUN CONTINENT ON WITEMPORARY POWER - FIELD BULLETIN #2 PREPARE TEMPORARE CONNECTIONS TO EACH GATE (NIGHT WORK) GATE CLS (CONCURTENT WORK WITH GATE BS) (WORK extends to Saturday 12/17) 400 HZ ROOM - ELECTRICAL - INSTALL & CONNECT PANEL MTS BCI ELECTRICAL - INSTALL WAS AND WITH A BCI ELECTRICAL - INSTALL WAS A BCOUNED BCI ELECTRICAL - INSTALL & CONNECT PANEL MTS BCI ELECTRICAL - INSTALL WAS A BCOUNED BCI | Fri 6/3/22 Tue 2/27/24 453 da Fri 6/3/22 Thu 11/17/22 120 da Fri 6/3/22 Thu 11/17/22 70 day Mon 12/12/22 Thu 12/29/22 4 days Tue 12/27/22 Thu 12/29/22 3 days Mon 12/12/22 Thu 12/19/22 3 days Mon 12/12/22 Thu 12/19/22 4 days Fri 6/10/22 Mon 12/26/23 4 days | | So So | THURST CONTINUE AND THE PROPERTY AND ACTIONS BEING THE STATE OF STATE AND THE PROPERTY OF STATE OF STA |
|----------------|--|---|-----------------------|---------------------|--|
| | CONCOURSE - ELECTRICAL - CONDUIT TO ALL GATES ELECTRICAL - INSTALL ALL CONDUITS, JUCTION BOXES, AND ACCESSORIES REQUIRED TO SUPPLY POWER TO EACH GATE AND ACCESSORIES REQUIRED TO SUPPLY POWER TO EACH GATE GATE AON HOT TO BE SUPPLY POWER TO EACH GATE GATE AON HOT GATE ON HOT TO HOT GATE ON HOT GATE ON HOT GATE ON HOT GATE GATE ON HOT GATE GATE CATE (CONCURENT WORK WITH GATE B1) (Work extends to Saturday 12/17) GATE CATE (CONCURINET WORK WITH GATE B1) (Work extends to Saturday 12/17) GATE CATE (CONCURINET WORK WITH GATE B1) (Work extends to Saturday 12/17) GATE CATE (CONCURINET WORK WITH GATE B1) (Work extends to Saturday 12/17) GATE CATE (CONCURINET WORK WITH GATE B1) (WORK extends to Saturday 12/17) GATE CATE (CONCURINET PANEL LIBCAL ELECTRICAL - INSTALL & CONNECT PANEL LIBCAL ELECTRICAL - INSTALL ALL INTERPAL COMPONENTS IN ALL PANELS ARROUNED ELECTRICAL - INSTALL HIGHAR COMPONENTS IN ALL PANELS ARROUNED ELECTRICAL - INSTALL WATER AND | 2222 | | 120 days 80 days | BLETT CAL-NOTAL AL COVENTY, ALC ON TO US, AND ALCESSONES FROM TO DESPIT FORKET TO GLOHART CONTROL |
| | ELECTRICAL - INSTALL ALL CONDUITS, JUCTION BOXES, AND ACCESSORIES REQUIRED TO SUPPLY POWER - FIELD BULLETIN #? POR PARE TEMP POWER CONNECTIONS TO EACH GATE (RIIGHT WORK) GATE CA! Concurrent Work with Gate BB) (Work extends to Saturday 12/10) GATE CA! Concurrent Work with Gate BB) (Work extends to Saturday 12/17) GATE CA! Concurrent Work with Gate BB) (Work extends to Saturday 12/17) GATE CA! CONCURRENT ONLY TO SUPPLY PAREL ECRY AGAIN TO SUPPLY POWER TO SATURDAY TO SATU | 2222 | | 80 days | BETTECH, NSTUL AL COVENTS, JUTCH FORES, AND ACCESSORES REQUIRED TO SPRAT FORMS TO EACH SAULANT |
| | ELECTRICAL - INSTALL ALL COMDUCTORS AND ACCESSORIES REQUIRED TO SUPPLY POWER T 400 HZ GPU UNIT [TEMPORARY POWERD GATES] 400 HZ GPU UNIT [TEMPORARY POWERD GATES] 400 HZ GPU UNIT [TEMPORARY POWERD GATES] 600 HZ GUTTEN BOWER CONNECTIONS TO EACH GATE (MIGHT WORK) 61 ECT (2 (CONCURRENT) WORK WITH GATE B1) (WORK extends to Saturday 12/17) 62 ATE C12 (CONCURRENT WORK WITH GATE B1) (WORK extends to Saturday 12/17) 63 ATE C12 (CONCURRENT WORK WITH GATE B1) (WORK extends to Saturday 12/17) 64 ATE C12 (CONCURRENT WORK WITH GATE B1) (WORK extends to Saturday 12/17) 64 ELECTRICAL - INSTALL & CONNECT PANEL LBC1 61 ELECTRICAL - INSTALL & CONNECT PANEL LBC2 61 ELECTRICAL - INSTALL & LALL INTERPAL CONPONITS & WIRES BETWEEN PANELS 61 ELECTRICAL - INSTALL HITERAL COMPONITS IN ALL PANELS AREQUIRED | 2222 | | | |
| | 400 HZ UNITS INSTALLATION W/TEMPORARY POWER - FIELD BULLETIN #2 PREPARE TEMP POWER CONNECTIONS TO EACH GATE (WIGHT WORK) GATE C8 (Concurrent Work with Gate B1) (Work extends to Saturday 12/10) GATE C1 (Concurrent Work with Gate B4) (Work extends to Saturday 12/17) GATE C1 400 HZ ROOM - ELECTRICAL ELECTRICAL - INSTALL TEMPORARY LIGHTING- ROOM C120E (IF NEEDED) ELECTRICAL - INSTALL & CONNECT PANEL ECRA ELECTRICAL - INSTALL & CONNECT PANEL BC1 ELECTRICAL - INSTALL & CONNECT PANEL BC1 ELECTRICAL - INSTALL & CONNECT PANEL BC2 ELECTRICAL - INSTALL & CONNECT PANEL BC2 ELECTRICAL - INSTALL & CONNECT PANEL BC2 ELECTRICAL - INSTALL & CONNECT PANEL BC3 ELECTRICAL - INSTALL B | Mon 12/12/22 T Tue 12/27/22 T Mon 12/12/22 T Tue 12/20/22 P Mon 12/26/22 P Fri 6/10/22 T Fri 6/10/22 T | | 70 days | BECTROL-WRITELAL CONCUCTOR AND ACCESSAR IS FROWED TO SUPPLYONED T ASDIC GRUNNT (TRANSMAY FOR BED GATES) |
| | PREPARE TEMP POWER CONNECTIONS TO EACH GATE (NIGHT WORK) GATE C8 (Concurrent Work with Gate B3) (Work extends to Saturday 12/10) GATE C12 (Concurrent Work with Gate B3) (Work extends to Saturday 12/17) GATE C12 (Concurrent Work with Gate B5) (Work extends to Saturday 12/17) GATE C12 (Concurrent Work with Gate B5) (Work extends to Saturday 12/17) GATE C12 (CONCURRENT WORK WITH GATE CAN CAN C120E (IF NEEDED) ELECTRICAL - INSTALL & CONNECT PANEL MTS LBC1 ELECTRICAL - INSTALL & CONNECT PANEL LBC1 ELECTRICAL - INSTALL & CONNECT PANEL LBC1 ELECTRICAL - INSTALL & CONNECT PANEL LBC2 ELECTRICAL - INSTALL & CONNECT PANEL MTS LBC2 ELECTRICAL - INSTALL & CONNECT PANEL MTS LBC2 ELECTRICAL - INSTALL ALL WITHOUT COMPOUNTS & WINES BETWEEN PANELS ELECTRICAL - INSTALL WITHOUT COMPOUNTS WINES SARQUIRED | Tue 12/27/22 T Mon 12/12/22 T Tue 12/20/22 P Mon 12/26/22 T Fri 6/10/22 T | | 14 days | |
| | GATE C8 (Concurrent Work with Gate B1) (Work extends to Saturday 12/10) GATE C12 (Concurrent Work with Gate B6) (Work extends to Saturday 12/17) GATE C12 (Concurrent Work with Gate B6) (Work extends to Saturday 12/17) GATE C1 ELCTRICAL - INSTALL & COMPICT PAREL ECRA ELECTRICAL - INSTALL & COMPICT PAREL ECRA ELECTRICAL - INSTALL & COMPICT PAREL LBC1 ELECTRICAL - INSTALL & COMPICT PAREL LBC1 ELECTRICAL - INSTALL & COMPICT PAREL LBC2 ELECTRICAL - INSTALL & COMPICT PAREL LBC2 ELECTRICAL - INSTALL & COMPICT PAREL LBC2 ELECTRICAL - INSTALL ALL WITEGOMECHNETHIS COMPUTS & WIRES BETWEEN PARELS ELECTRICAL - INSTALL HITERPAL COMPONENTS IN ALL PANELS AS REQUIRED | Mon 12/12/22 T Tue 12/20/22 A Mon 12/26/22 T Fri 6/10/22 Fri 6/10/22 T | | 3 days | PREFACE TEUP POWER CONVECTIONS TO EACH GATE (WORK) |
| | GATE C12 (CONCURRENT WORK WITH Gate B6) (WORK extends to Saturday 12/17) GATE C1 GATE C1 GATE C1 GATE C1 GON- ELECTRICAL GON- ELECTRICAL - INSTALL TEMPORARY LIGHTING - ROOM C120E (IF NEEDED) ELECTRICAL - INSTALL & CONNECT PANEL ECRA ELECTRICAL - INSTALL & CONNECT PANEL LBC.1 ELECTRICAL - INSTALL & CONNECT PANEL LBC.2 ELECTRICAL - INSTALL & CONNECT PANEL LBC.2 ELECTRICAL - INSTALL & CONNECT PANEL LBC.3 ELECTRICAL - INSTALL & CONNECT PANEL LBC.3 ELECTRICAL - INSTALL ALL UNTERCOMECTING CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL ALL UNTERCOMECTING CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL LALL INTERCOMECTING CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL LALL INTERCOMECTING CONDUITS & WIRES BETWEEN PANELS | Tue 12/20/22 N Mon 12/26/22 T Fri 6/10/22 Fri 6/10/22 T | Thu 12/15/22 | 4 days | GATE CA (Conception Work with Gate B1) (Ward reflects to Saladari 1377.0) |
| | GATE CL. 400 HZROOM - ELECTRICAL ELECTRICAL - INSTALL TEMPORARY LIGHTING - ROOM CL20E (IF NEEDED) ELECTRICAL - INSTALL & CONNECT PANEL ECRA ELECTRICAL - INSTALL & CONNECT PANEL MIS 18C.1 ELECTRICAL - INSTALL & CONNECT PANEL MIS 18C.2 ELECTRICAL - INSTALL & CONNECT PANEL MIS 18C.2 ELECTRICAL - INSTALL & CONNECT PANEL MIS 18C.2 ELECTRICAL - INSTALL & CONNECT PANEL BC.2 ELECTRICAL - INSTALL & CONNECT PANEL MIS 18C.2 ELECTRICAL - INSTALL ALL INTERCONHECTRIC CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL MIL INTERCONHECTRIC CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL HITTERINAL COMPONENTS IN ALL PANELS AS REQUIRED | Mon 12/26/22 T Fri 6/10/22 F Fri 6/10/22 True 10/3/33 | Mon 12/26/22 | 5 days | Inter-use of period roughly grants with the control of the control |
| | ELECTRICAL - INSTALL TEMPORARY LIGHTING - ROOM C120E (IF NEEDED) ELECTRICAL - INSTALL TEMPORARY LIGHTING - ROOM C120E (IF NEEDED) ELECTRICAL - INSTALL & CONNECT PANEL ERA ELECTRICAL - INSTALL & CONNECT PANEL BC.1 ELECTRICAL - INSTALL & CONNECT PANEL BC.1 ELECTRICAL - INSTALL & CONNECT PANEL BC.2 ELECTRICAL - INSTALL & CONNECT PANEL BC.3 ELECTRICAL - INSTALL ALL INTERCONECTRING CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL HITERRAL COMPONENTS IN ALL PANELS AS REQUIRED | ~ | Thu 12/29/22 | 4 days | |
| 44 44 45 45 | ELECTRICAL - INSTALL LEMPORANT LUMITING - KNOW LLOUR LIFTUREDED) ELECTRICAL - INSTALL & CONNECT PANEL CERVA ELECTRICAL - INSTALL & CONNECT PANEL LBC1 ELECTRICAL - INSTALL & CONNECT PANEL LBC2 ELECTRICAL - INSTALL & CONNECT PANEL LBC2 ELECTRICAL - INSTALL & CONNECT PANEL LBC3 ELECTRICAL - INSTALL ALL INTERCONECTING CONDUITS & WINES BETWEEN PANELS ELECTRICAL - INSTALL INTERCONECTING CONDUITS & WINES BETWEEN PANELS ELECTRICAL - INSTALL INTERCONECTING CONDUITS & WINES BETWEEN PANELS | ~ | | 402 days | * BEGTRICAL-INSTALT TOVEORATUGATING - NOOM CLOSE (F REDEB) |
| 44 45 45 | ELECTRICAL - INSTALL & CONNECT PARLE LIVAN ELECTRICAL - INSTALL & CONNECT PARLE INTS LIBCT ELECTRICAL - INSTALL & CONNECT PARLE LIBCT ELECTRICAL - INSTALL & CONNECT PARLE LIBCT ELECTRICAL - INSTALL & CONNECT PARLE LIBCT ELECTRICAL - INSTALL ALL INTERCONECTING CONDUITS & WINES BETWEEN PARLES ELECTRICAL - INSTALL INTERCONECTING CONDUITS & WINES BETWEEN PARLES ELECTRICAL - INSTALL INTERNAL COMPONENTS IN ALL PARLES AS REQUIRED | | 101 6/ 16/ 22 | o days | EEGTR-CAL-NGTALL & CONNECT PARE FOR |
| 45 | ELECTRICAL - INSTALL & CONNECT PARLE INSTALL ELECTRICAL - INSTALL & CONNECT PARLE IBG.1 ELECTRICAL - INSTALL & CONNECT PARLE IBG.2 ELECTRICAL - INSTALL & CONNECT PARLE IBG.3 ELECTRICAL - INSTALL ALL UNIFECT PARLE IBG.3 ELECTRICAL - INSTALL ALL UNIFECT PARLE IBG.3 ELECTRICAL - INSTALL HITERIAL COMPONIENTS IN ALL PARLES AS REQUIRED | 702 | Mon 11/13/23 30 days | 30 days | ERCENCY - NOTHER CONNECTAMENT |
| 2 | ELECTRICAL - INSTALL & CONNECT PANEL MTS 185.2 ELECTRICAL - INSTALL & CONNECT PANEL MTS 18C2 ELECTRICAL - INSTALL & CONNECT PANEL 18C2 ELECTRICAL - INSTALL WITHERONECTING CONDUITS & WINES BETWEEN PANELS ELECTRICAL - INSTALL INTERPONECTING COMPONENTS IN ALL PANELS AS REQUIRED | | Mon 11/13/23 30 days | 30 days | ERCTRUM, -NOTALL & CONNET RAND LECT |
| 346 | ELECTRICAL - INSTALL & CONTECT PAREL BY SUBJECT ELECTRICAL - INSTALL & CONTECT PAREL BETA ELECTRICAL - INSTALL ALL UNITERCONECTING CONDUITS & WIRES BETWEEN PANELS ELECTRICAL - INSTALL INTERNAL COMPONENTS IN ALL PANELS AS REQUIRED | | Mon 11/13/23 30 days | 30 days | BECTRICAL INSTALL & CONNETT PASS UNTILE CO |
| 240 | ELECTRICAL - INSTALL BY CONNECTING CONDUITS & WIRES BETWEEN PARELS ELECTRICAL - INSTALL HITTERONECTING CONDUITS & WIRES BETWEEN PARELS ELECTRICAL - INSTALL INTERNAL COMPONENTS IN ALL PARELS AS REQUIRED | | Mon 11/13/23 30 days | 30 days | EGCT*CAL_NVTML & CONNECTPAREL 18-CZ |
| 248 | ELECTRICAL - INSTALL INTERNAL COMPONENTS IN ALL PANELS AS REQUIRED | ~ | Mon 11/27/23 30 days | 30 days | ERCIE ÇA - INSTALL ALL MITERCONCULAS É WISE BETINEDIA PARIS |
| 249 | TELEVISION OF THE PRINCIPLE COMMISSION OF THE PRINCIPLE CO | | Mon 12/18/23 30 days | 30 days | BECESCH: NATENAL COMPONENTS NALL PARES AS REQUISED |
| 250 | ELECTRICAL - INSTALL RUSWAY | m | Mon 12/25/23 55 days | 55 days | ELECTRICAL - INSTALL BUSWAY |
| 251 | ELECTRICAL - INSTALL & CONNECT PANEL JBC1 | | Mon 12/25/23 60 days | 60 days | ELECTRICAL - INSTALL & COMMECT PAPEL JECT |
| 252 | ELECTRICAL - INSTALL ALL COMPONENTS AND INTERCONECTING CONDUITS BETWEEN PANELS Tue 10/3/23 | | Mon 11/13/23 30 days | 11 | BISTALL ALL COMPONENTS AND INTERCONECTING CONDUITS BETWEEN PANELS & JRC'S SW'CHGEAR |
| | & JBC1 SWTCHGEAR | | | | |
| 253 | ELECTRICAL - INSTALL ALL INTERCONECTING WIRES BETWEEN PANELS & JBC1 SWITCHGEAR | Tue 11/7/23 | Mon 12/18/23 30 days | 30 days | RIECTRICAL - RISTALL ALL INTERCONECTING WIMES BETWEEN PAINELS & IBCL SWITCHGEAR, |
| | SWITCHGEAR ROOM - ELECTRICAL | Tue 10/10/23 T | Tue 1/30/24 | 81 days | |
| 255 | ELECTRICAL - INSTALL BUSWAY | Tue 10/10/23 T | Tue 12/26/23 | 56 days | ELECTECAL - NISTALL BUSWAY |
| 556 | ELECTRICAL - INSTALL EMS & RETROFIT DRAW-OUT BREAKERS FOR SIEMENS-ALLIS | Tue 10/10/23 | Tue 12/26/23 | S6 days | ELECTRICAL - INSTALL EMS & PETROFIT DPAWY-OUT BREAKER FOR YEMEHS ALLIS SUSSTATION |
| 252 | ELECTRICAL - CONNECT RIISWAY | Wed 12/27/23 Tue 1/30/24 | | 25 days | ELECTRICAL, CONNECT BUSWAY |
| | ADDITION CONTROL CONTR | Activities Activities Many | | 200420 | |
| | 400 FZ & SWILCHUEAR ROUMS - ELECTRUAL ENDED TO BE DEADVIOUR HONDER TO BE DEADVIOUR BONDER TO NEW ADD UT GRILL WE'VE 1/31/34 | Wed 1/21/24 | | 20 days | ENERGICE & COMMASSION ALL PARES TO BE READY TO SUPELY POWER TO NEW 400 HZ GPU UNITS |
| £C. | ENERGIZE & COMMISSION ALL PANELS TO BE REAUT TO SUPPLY POWER TO NEW 400 HZ GPO- UNITS | | | zo udys | |
| 260 | 400 HZ & SWITCHGEAR ROOMS - CONCRETE & MASONRY | Fri 2/3/23 | Mon 10/16/23 182 days | 182 days | |
| | 400 HZ ROOMS C120E - NEW DOOR OPENINGS - INSTALL REBAR PER DRAWINGS | | Thu 2/9/23 | 5 days | = 420 F7 ROOM S CETRE" NEW DOOR OF BUNGS - INGTALL REBAR FER DRAWINGS |
| 262 | 400 HZ ROOM C120E - PREPARE FORMWORK FOR OPENING, NEW HVAC AIR LOUVER. | '- | | 5 days | - 420PR FOOM CIPSE - PREPARE FORMWORK FOR OF BUNG, NEW MAY, CARL LOWER. |
| 263 | 400 HZ ROOM C120E - POUR DOOR LINTEL | | 8 | 5 days | + 400 W CLIVE, FOUN CLIVE, FOUN CONTINUES. |
| 264 | 400 HZ ROOMS C120E - INSTALL CMU OVER NEW DOOR -INSPECTION | Fri 2/10/23 | Thu 3/2/23 | 15 days | = 4.00 MZ BOOMS CLIGE - NATALL CMJ DYEN NEW DOOR AND RETURN |
| 592 | 400 HZ ROOMS C120E - INSTALL NEW DOORS, FRAMES AND HARDWARE | Fri 3/3/23 | Thu 3/23/23 | 15 days | 430 PZ RODAS 1136 - HASTAL NEW DOCKS, FRANCE AND HASDWARE |
| 566 | 400 HZ ROOMS C120E - GROUT & PAINT AROUND NEW DOORS | | | 5 days | # ADDIZ ROOM! CINCE, CROUT R PAYOTAQUED NEW DOORS |
| 267 | 400 HZ ROOM C120E - FORM & POUR JBC1 CONCRETE PAD | | 23 | 20 days | 420R DOWN (134: DOWN 14: FOUND IN FOUND |
| 268 | SWITCHGEAR ROOM C121E - NEW DOOR OPENINGS - INSTALL REBAR PER DRAWINGS | | | 5 days | SMITHERA BOOM CITIS - NEW DOOR OF EARLY STORY OF THE STATE OF THE STAT |
| 569 | SWITCHGEAR ROOM C121E - PREPARE FORMWORK FOR OPENING, POUR CONCRETE AS | Wed 6/21/23 | Tue 6/27/23 | 5 days | S MITCHEEAN BOOM CLUE. PREMIE FOR MAY, FOUND CANCELLE AND MAY HED |
| 270 | REQUIRED SWITCHGEAD BOOM C1215 - DREDABE & INSTALL METAL DOOR LINTEL | Wed 6/28/23 | Tue 7/4/23 | 5 days | BLAI FOR THE PARTIE & NOT LET A FOR LATER. |
| 271 | SWITCHGEAD BOOM C1216 - INSTALL CALL OVER NEW DOOR WALL INCLINED | | ~ | 15 days | SWITCHELAR FOOD CAZE - NSTALL CAU UVER NOUVED |
| 27.5 | SWITCHGEAR ROOM C121E - INSTALL CING OVER ILLE DOOR 1/ALC INCOOLED | | Tue 7/25/23 | 15 days | SWITCH SELAR ROOM CEZIE - NSTALL NSW DOORS, FRANS AND HADWARE |
| 273 | SWITCHGEAR ROOM C121F - GROUT & PAINT AROUND NEW DOORS | | Tue 8/1/23 | 5 days | E SWITCHSEAR BOOM CIZE - GROUT & PAATAROLADIN PROCESS |
| | 400 HZ & SWITCHGEAR ROOMS - MECHANICAL | | Fri 3/17/23 | 150 days | |
| | INSTALL NEW FCU -ALL COMPONENTS INCLUDED | | Fri 9/2/22 | 10 days | III NOTHEL NEW FOLL SANDONENS INCLUDED |
| | | | | 2 | |



| | | The same | | ASOND | D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A S O N D J |
|------|---|----------------|----------------------------|---------------------|--|
| 276 | ROUTE NEW CHWS/R AND CONDENSATE PIPING INTO EXISTING HEADER, CONNECT AND | Mon 8/22/22 | Fri 9/16/22 | 20 days | POTENTIA GOAZA ANG COAZANTE PANA INTO ESTIVO HECE, CONSCI AND BOATE |
| | ISOLATE | | | | |
| 27.7 | INSTALL AND CONNECT HVAC CONTROLS | Mon 9/5/22 | Fri 9/16/22 | 10 days | = PSTFLA AND CONTECT HYRC CONTROLS |
| 278 | HVAC TEST AND BALANCE | Mon 9/19/22 | Fri 9/23/22 | 5 days | I NVACTISTAND BALANCE |
| 279 | REMOVE EXISTING FCU AND RELATED EQUIPMENT | Mon 9/26/22 | Fri 10/21/22 | 20 days | ERVOYE DISTINATED AND REATED (QUANNET |
| 280 | PATCH & PAINT WALL OPENINGS | Mon 3/13/23 | Fri 3/17/23 | S days | F PATCH & PANT WILL CREWISS |
| 281 | MILESTONE - CONCOURSE B & C ELECTRICAL ROOMS READY FOR AND RZ GPU UNITS | Tue 2/27/24 | Tue 2/27/24 | 0 days | MILESTONE - CONCOURSE B.A. C ELECTRICAL ROOMS READY FOR 450 HZ GFU UNITS 💠 277 |
| 282 | CONCOURSE B | Tue 12/27/22 | Tue 6/25/24 | 391 days | |
| 283 | GATES - 400 HZ GPU UNITS - ELECTRICAL & BRIDGES | Wed 2/28/24 | Tue 4/16/24 | 35 days | |
| 284 | GATEBS | Wed 2/28/24 | Tue 3/5/24 | S days | S Biro |
| 595 | GATE B9 | Wed 3/6/24 | rue 3/12/24 | 5 days | CALED |
| 308 | GATE B8 (TWO UNITS) | Wed 3/13/24 | Tue 3/19/24 | 5 days | Galestinouvia |
| 320 | GATE B11 | Wed 3/20/24 | Tue 3/26/24 | S days | CATESII |
| 332 | GATE B14 | Wed 3/27/24 | rue 4/2/24 | 5 days | STATE OF THE STATE |
| 344 | GATE B12 | Wed 4/3/24 | Tue 4/9/24 | 5 days | ATTENNA CATTERNA |
| 369 | GATES - 400 HZ UNITS W/TEMPORARY POWER - CONNECT BACK TO SWITCHGEAR JBB1 - | Wed 4/10/24 | Tue 5/14/24 | 20 days | |
| | FIELD BULLETIN #2 | | | | |
| 370 | GATE B1 (INSTALL NEW HOIST) | Wed 4/17/24 | Fri 4/19/24 | 3 days | GATE BI (ASTAL NEWHOLST) |
| 371 | GATE B2 (TWO UNITS) (INSTALL NEW HOIST) | Mon 4/22/24 | Wed 4/24/24 | 3 days | USSON MANUFACTOR (LINE ES TROPA) |
| 372 | GATE B3 (INSTALL NEW HOIST) | Thu 4/25/24 | Mon 4/29/24 | 3 days | UKOMANITAT SAJURAN DE |
| 373 | GATE B4 (INSTALL NEW HOIST PUSH BUTTOMS) | Tue 4/30/24 | Thu 5/2/24 | 3 days | COOLING MONATORING TO TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE TOO TO THE TOO THE |
| 374 | GATE B6 (INSTALL NEW HOIST) | Fri 5/3/24 | Fue 5/7/24 | 3 days | LICCH MINITED ON SERVICE |
| 375 | GATE B7 (INSTALL NEW HOIST) | Wed 5/8/24 | Fri 5/10/24 | 3 days | GOVERNMENT AND THE STATE OF THE |
| 376 | SUBSTATION B - REPLACE CIRCUIT BREAKER PER FIELD BULLETIN #2 KEYED NOTE #3 (NIGHT Mon 5/13/24 WORK) | T Mon 5/13/24 | Tue 5/14/24 | 2 days | SUBSTATION B - REPARL UNKUII BRUAREN FRA FILID BUILL IN 42 KETED MUIL 85 (MOMT WORK) |
| 377 | CONDUITS TO ALL GATES - ELECTRICAL | Tue 12/27/22 | Tue 6/25/24 | 391 days | |
| 378 | ELECTRICAL - REMOVE EXISTING CONDUCTORS AND CAP EXISTING CONDUITS FOR FUTURE | Tue 12/27/22 | Mon 3/20/23 | 60 days | BECTROM - REVOYERSTING CONCUCTORS AND CAP ENTING CONCULING FOR TITUDE FOR TITUDE FOR THE FOR |
| | USE - TEMP POWERED GATES | | | | |
| 379 | ELECTRICAL - REMOVE EXISTING CONDUCTORS AND CAP EXISTING CONDUITS FOR FUTURE USE | Wed 3/20/24 | Tue 6/25/24 | 70 days | ELECTIVAL - RANGE EDUTIVA COMPOCILIVA AND OF EDUTIVA COMPONI FRAFO DORE |
| 380 | 400 HZ & SWITCHGEAR ROOMS - FIRE PROTECTION & ELECTRICAL | Wed 3/6/24 | Thu 5/23/24 | 57 days | |
| 381 | REMOVE EXISTING SPRINKLER SYSTEM | Wed 3/6/24 | Tue 3/12/24 | 5 days | PERMONE DASTING SPERINGLER SYSTEM ** |
| 382 | 400 HZ ROOM - INSTALL INERGEN CLEAN AGENT W/ALL COMPONENTS | Wed 3/13/24 | Tue 4/9/24 | 20 days | 400 HZ ROOM - INSTALL WERSER CLEAD AGENT WIALL COMFONENTS - |
| 383 | SWITCHGEAR & 400 HZ ROOMS - REROUTE EXISTING WET-PIPE MAINS AROUND ROOMS | Wed 3/13/24 | Tue 4/9/24 | 20 days | SATICHGEAR & 400 HZ ROOMS - FEROUTE EXISTING WET FIRE MAMIS AROUND ROOMS — |
| 384 | SWITCHGEAR & 400 HZ ROOMS - INSTALL NEW PREACTION SPRINKLER SYSTEMS W/ALL COMPONENTS INCLIDED | Wed 3/13/24 | Tue 4/9/24 | 20 days switch | SWITCHGEAR & 400 HZ ROOMS - INSTALL NEW PREACTION SPRINKLER SYSTEMS W/ALL COMPONENTS INCLUDED === |
| 385 | SWITCHGEAR & ADD HZ ROOMS - INSTALL FIRE ALARM SYSTEM W/ALL COMPONENTS | Wed 4/10/24 | Tue 4/30/24 | 15 days | SWITCHGEAR & 400 HZ ROOMS - INSTALL FIRE ALARM SYSTEM W/ALL COMPONENTS - |
| 386 | TEST & COMMISSION COMPLETE FIRE PROTECTION SYSTEM | Wed 5/1/24 | Tue 5/7/24 | 5 days | TEST & COMMISSION COMPLETE FIRE PROTECTION SYSTEM . |
| 387 | 400 HZ ROOM - REMOVE TEMPORARY LIGHTS | Wed 5/8/24 | Thu 5/9/24 | 2 days | 400 HZ ÅOOM - REMOVE TENFORAR LIGHTS - |
| 388 | 400 HZ ROOM - INSTALL NEW LIGTHING SYSTEM W/ALL ACCESSORIES | Fri 5/10/24 | Thu 5/23/24 | 10 days | 400 HZ ROOM - INSTALL HEW US THENG SYSTEM W/ALL ACCESSOBIES = |
| 389 | 400 HZ & SWITCHGEAR ROOMS - SECURITY & COMMUNICATIONS | Wed 4/10/24 | Tue 5/7/24 | 20 days | |
| 390 | SECURITY - ROOMS B116E & B117E - INSTALL DOOR SECURITY SYSTEMS W/ALL COMPONENTS Wed 4/10/24 | TS Wed 4/10/24 | Tue 5/7/24 | 20 days | SECURITY - ROOMS BILLEE & BILLE - INSTALL DOOR SECURITY SISTEMS WALL COMPONENTS == |
| 391 | COMMUNICATIONS - ROOM B116E - INSTALL COMMUNICATIONS RACK W/ALL COMPONENTS Wed 4/10/24 | | Tue 5/7/24 | 20 days | COMMUNICATIONS - ROOM BITEE - INSTALL COMMUNICATIONS PACK W/ALL COMPONENTS == |
| 392 | 400 HZ & SWITCHGEAR ROOMS - ELECTRICAL & CONCRETE | Wed 4/24/24 | Tue 5/28/24 | 25 days | |
| 393 | REMOVE EXISTING 400 HZ GPU PANELS AND RELATED ELECTRICAL COMPONENTS | Wed 4/24/24 | Tue 5/21/24 | 20 days | REMOVE EXISTANS 400 HZ GFU PANELLAND FELATED ELECTRICAL COMFONIENTS — |
| 394 | DEMO EXISTING 400 HZ CONCRETE PAD AND PATCH CONCOURSE C | Wed 5/15/24 | Tue 5/28/24 Thu 7/18/24 | 10 days 408 days | UEMO EDISTIPO 440 PE CONTRE LE PAR MAI PALLA |
| | | | - for frame | | |

| Tas | Task Name | Start | Finish | Duration f2 | 12.2021 HaH 1,2022 HaH 2,2022 HaH 2,2023 HaH 2,2023 HaH 2,2024 HaH 2,2025 HAH 2,2025 HAH 2,2025 HAH 1,2024 HAH | Haff 2, 2025 Haff 1, M 1 1 A S O N D 1 F |
|-----|---|---------------|----------------------------|-------------------|--|--|
| 396 | GATES - 400 HZ GPU UNITS - ELECTRICAL & BRIDGES | Wed 2/28/24 | Thu 6/13/24 | 77 days | | |
| 397 | GATE CS | Wed 2/28/24 | Tue 3/5/24 | 5 days | GATECS | |
| 409 | GATE C4 | Wed 3/6/24 | Tue 3/12/24 | 5 days | 6415 4 | |
| 421 | GATE C6 | Wed 3/13/24 | Tue 3/19/24 | S days | ■ GATEGS | |
| 433 | GATE C3 | Wed 3/20/24 | Tue 3/26/24 | 5 days | 6 GATEGS | |
| 445 | GATE C7 | Wed 3/27/24 | Fri 4/5/24 | 8 days | l eve co | |
| 457 | GATE C2 | | Wed 4/17/24 | 8 days | II GATECT | |
| 469 | GATE C9 | Thu 4/18/24 | Fri 4/26/24 | 7 days | The state of the s | |
| 481 | GATE C11 (TWO UNITS) | Mon 4/29/24 | Wed 5/8/24 | 8 days | EARTERIA (MODELL) | |
| 493 | GATE C10 | Thu 5/9/24 | Fri 5/17/24 | 7 days | TO STATE OF THE ST | |
| 505 | GATE C14 | | Mon 5/27/24 | 6 days | 8124158 | |
| 217 | GATEC15 | Tue 5/28/24 | Tue 6/4/24 | 6 days | BEAFELS | |
| 542 | GATES - 400 HZ UNITS W/TEMPORARY POWER - CONNECT BACK TO JBC1 SWITCHGEAR - | Fri 6/14/24 | Wed 6/26/24 | 9 days | | |
| - | FIELD BULLETIN #2 | | 201001 | | C C I WALNET NEW HOLD | |
| 7 3 | CT (INSIALL NEW HOIS!) | | ue 6/16/24 | 5 days | COLINEALNEWHOUST | |
| ¥ 5 | CAS (INSTALL NEW HOIST) | Wed 6/19/24 | Wed 6/26/24 | 3 days | C12 (NSTALLNEW HOST) | |
| 246 | CONDITING TO ALL GATES - ELECTRICAL | Tue 12/27/22 | Wed 6/26/24 | 392 days | | |
| 272 | ELECTRICAL - BEMOVE EXISTING CONDICTORS AND CAD EXISTING COMPLETS FOR FUTURE | Tue 12/27/22 | Mon 3/20/23 | 60 days | BECTRICAL - RELOYDE ESTING CONCUCTORS AND CAP EXISTING CONCUCTS FOR NUTURE USE - TEMP POWERED GATES | ATES |
| | USE - TEMP POWERED GATES | | | | | |
| 248 | ELECTRICAL - REMOVE EXISTING CONDUCTORS AND CAP EXISTING CONDUITS FOR FUTURE | Thu 3/21/24 | Wed 6/26/24 | 70 days | ELECTRICAL - REMOVE EXSTING CONDUCTIONS AND CAP EXISTING CONDUITS FOR FUTURE USE | |
| 675 | 400 HZ & SWITCHGEAR ROOMS - FIRE PROTECTION & ELECTRICAL | Wed 3/6/24 | Tue 7/9/24 | 90 days | | |
| 550 | REMOVE EXISTING SPRINKLER SYSTEM | Wed 3/6/24 | Tue 3/12/24 | 5 days | REMOVE DISTING SPRIVALER SYSTEM * | |
| 551 | 400 HZ ROOM - INSTALL INERGEN CLEAN AGENT W/ALL COMPONENTS | Wed 3/13/24 | Tue 4/9/24 | 20 days | 450 HZ ROOM - INSTALL INERGEN CLEAN AGENT W/ALL COMPONENTS - | |
| 252 | SWITCHGEAR & 400 HZ ROOMS - REROUTE EXISTING WET-PIPE MAINS ARROUND ROOMS | Wed 3/13/24 | Tue 4/9/24 | 20 days | SWITCHGEAR & 400 HZ ROOMS - REROUTE ENSTING WET FIFE MANYS ARROUND BOOMS === | |
| | SWITCHGEAR & 400 HZ ROOMS - INSTALL NEW PREACTION SPRINKLER SYSTEMS W/ALL COMPONENTS INCLUDED | Wed 3/13/24 | Tue 4/23/24 | 30 days | SWITCHGEAR & 400 HZ ROOMS - INSTALL NEW PPEACTION SPRINLIA SYSTEMS W/ALL CONFONENTS INCLUDED | |
| | SWITCHGEAR & 400 HZ ROOMS - INSTALL FIRE ALARM SYSTEM W/ALL COMPONENTS | Wed 4/24/24 | Tue 5/21/24 | 20 days | SWITCHGEAR & 400 HZ ROOMS - INSTALL FIPE ALARM SYSTEM W/ALL COMPONENTS | |
| 555 | TEST & COMMISSION COMPLETE FIRE PROTECTION SYSTEM | Wed 5/22/24 | Tue 6/4/24 | 10 days | TEST & COMMISSION CONFLETE FIRE PROTECTION SYSTEM | |
| 556 | 400 HZ ROOM - REMOVE TEMPORARY LIGHTS | Wed 6/5/24 | Tue 6/11/24 | 5 days | 400 KZ ROOM - REMOVE TEMPORARY LIGHTS - | |
| 557 | 400 HZ ROOM - INSTALL NEW LIGTHING SYSTEM W/ALL ACCESSORIES | Wed 6/12/24 | Tue 7/9/24 | 20 days | 400 HZ RÓOM - INSTALL HE/V LIGTHING SYSTEM W/ALL ACCESSORIES | |
| 858 | 400 HZ & SWITCHGEAR ROOMS - SECURITY & COMMUNICATIONS | Wed 4/24/24 | Tue 7/9/24 | SS days | GECTIBITY, ENOWING CLOSE & CLOSE - HINTAIL DOOR SECURITY SYSTEMS WAILL COMPONENTS | |
| | SECURITY - ROOMS C120E & C121E - INSTALL DOOR SECURITY SYSTEMS W/ALL COMPONENTS Wed 4/24/24 | S Wed 4/24/24 | lue //9/24 | sy days | | |
| 260 | COMMUNICATIONS - ROOM 120E - INSTALL COMMUNICATIONS RACK W/ALL COMPONENTS Wed 4/24 | Wed 4/24/24 | Tue 7/9/24 | 55 days | COMMUNICATIONS - ROOM 120F - INSTALL COMMUNICATIONS PACE WHILL COMFONENTS | |
| 195 | 400 HZ & SWITCHGEAR ROOMS - ELECTRICAL & CONCRETE | Fri 6/14/24 | Thu 7/18/24 | 25 days | | |
| 562 | REMOVE EXISTING 400 HZ GPU PANELS AND RELATED ELECTRICAL COMPONENTS | Fri 6/14/24 | Thu 7/11/24 | 20 days | REMOVE EXISTING 400 HZ GPU PANELS AND PELATED ELECTRICAL COMPONENTS | |
| 563 | DEMO EXISTING 400 HZ CONCRETE PAD AND PATCH | Fri 7/5/24 | Thu 7/18/24 | 10 days | DEMO EXITING GOOGE TE PAD AND PATCH | |
| 264 | MILESTONE - SUBSTANCIAL COMPLETION | Thu 7/18/24 | Thu 7/18/24 | 0 days | MILESTONE - SUBSTANCIAL CONFILETION ♦ 7/18 | |
| 595 | PHASE III - CLOSEOUT | Fri 7/19/24 | Mon 8/19/24 | 22 days | PUNCH UST & CLOSEOUT DOCUMENTS | |
| 566 | PUNCH LIST & CLOSEOUT DOCUMENTS MILESTONE - FINAL COMPLETION | Mon 8/19/24 | Mon 8/19/24 Mon 8/19/24 | 22 days 0 days | MAESTONE - FRANC COMPLETION • 4/13 | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

ATTACHMENT B - FEE BREAKDOWN

PALM BEACH COUNTY DEPARTMENT OF AIRPORTS

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

RS&H, INC.

GPU POU Construction Administration & RPR - Extended Schedule Task Authorization No. I-23-PBI-R-037

| Task | Description | <u>Hours</u> | <u>Fee</u> |
|----------|--|--------------|--------------|
| • | 1 Construction Administration Services | 29 | \$7,542.92 |
| 2 | 2 Partial Resident Project Representative (RPR) Services | 0 | \$0.00 |
| | Subtotal RS&H Labor Hours Subtotal RS&H Labor Fee | 29 | \$7,542.92 |
| Subconsu | Itants Quantum Electrical Engineering, Inc. (Maximum Fee, Not-To-Exceed) | 1,116 | \$160,366.46 |
| | Subtotal Subconsultant Labor Hours Subtotal Subconsultant Fee | 1,116 | \$160,366.46 |
| Expenses | | | |
| | Subtotal Expenses | | \$0.00 |
| | Total Project Fee | | \$167,909.38 |

GPU POU Construction Administration & RPR - Extended Schedule

Average Burdened Labor Rate

| | | | HOURS | | | |
|---------------------|---|-----------|------------------------|---------------------|-------|------------|
| | | Principal | Sr. Project Manager | Admin. Assistant | HOURS | TOTAL COST |
| Construction Admini | stration Services (Lump Sum) | \$349.99 | \$287.02 | \$60.37 | | (\$) |
| | | | | | | |
| Task 1 | Construction Administration Services | | | | | |
| 1,1 | Construction Progress Meetings | | | | | |
| | Project Manager | | 19 | | 19 | \$5,453.38 |
| 1.2 | Project Management and Project Coordination | | | | | |
| | Project Manager | 2 | 4 | 4 | 10 | \$2,089.54 |
| | Task Total | 2 | 23 | 4 | 29 | \$7,542.92 |
| TOTAL FOR ALL TAS | SKS (RS&H) | 2 | 23 | 4 | 29 | \$7,542.92 |

GPU POU Construction Administration & RPR - Extended Schedule

| Sub Consultant Effort by Major Task Item | | Task 2 | |
|--|----------------|---------------|--------------|
| Quantum Electrical Engineering, Inc. | Electrical RPR | \$ 160,366.46 | \$160,366.46 |
| | | | |
| TOTAL SUBCONSULTANTS | | | \$160,366.46 |

ATTACHMENT C - SUBCONSULTANT PROPOSALS



September 15, 2023

RS&H, Inc. Mr. Keith Nix, PE, LEED AP Senior Aviation Buildings Engineer 10748 Deerwood Park Blvd South, Jacksonville, FL 32256

Subject:

Electrical Engineering Construction Administration (CA) Services Additional Fee Proposal for the Palm Beach County Department of Airports (DOA) - Palm Beach International Airport 400Hz Ground Power Unit (GPU) Replacement. Includes additional Task 3.2 RPR services for additional time due to project duration increases.

Dear Keith:

Quantum Electrical Engineering, Inc. (QUANTUM) is pleased to provide RS&H an electrical engineering Construction Administration (CA) services fee proposal for the Palm Beach International Airport 400Hz Ground Power Unit (GPU) Replacement additional RPR services for additional time due to project duration increases.

The following tasks are included in our scope:

Task 2: Resident Project Representative (RPR) Services

Task 2.1: Additional Partial Resident Project Representative (RPR) Services

- Includes part-time RPR services of on-site presence and observation for up to five visits per week, 6 hours per visit for an additional 38 weeks.
- Includes a written observation report, documenting the findings of each site visit.
- Includes attendance at up to an additional 38 progress construction meetings.

Our proposed Not-To-Exceed Fee for Task 2.1 is:

\$ 160,366.46

Our proposed total fee is:

\$ 160,366.46

(See Attachment for Breakdown)

Sincerely,

Amy Champagne-Baker, PE

President

Palm Beach County 2755 Vista Parkway, Suite I-12 West Palm Beach, FL 33411 561.210.9224 Broward County 5571 N. University Drive, Suite 101 Coral Springs, FL 33067 954.369.5810

| PALM BEACH COUNTY DEPARTMENT OF AIRPORTS- PBIA 400HZ GPU REPLACEMENT QUANTUM ELECTRICAL ENGINEERING, INC. ADDITIONAL SCOPE FEE SUMMARY | es | | | | | | | | 使 |
|--|------------|-----------|-----------|-----------|-------------------------------|--|-------|----------|--------------|
| FEE PROPOSAL ELECTRICAL SERVICES TO RS&H 09/15/2023 | | | | | | 20 07 4 | | | |
| Rate | \$169.30 | \$151.16 | \$145.11 | \$72.56 | \$139.06 | \$48.37 | | | |
| | Proj. Mgr. | Prof. Eng | Proj. Eng | CADD/Tech | Field Eng. | Clerical | Total | Lump Sum | TOTAL |
| PHASE OF WORK | Hours | Hours | Hours | Hours | Hours | Hours | Hours | Task | TASK COST |
| Task 2: Project Closeout | | | | | | | | | |
| Task 2.1: Partial Resident Project Representative (RPR) Services (38 weeks visits at 30hrs ea) | | | | | 1140 | 38 | 1178 | | \$160,366.46 |
| Subtotal | 0 | 0 | 0 | 0 | 1140 | 38 | 1178 | | \$160,366.46 |
| Grand Total Hours | 0 | 0 | 0 | 0 | 1140 | 38 | 1178 | | |
| | | | | | | | | 2 2 | |
| Grand Total Labor Cost | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$158,528.40 \$1,838.06 | \$1,838.06 | | | \$160,366.46 |
| | | | | | The second name of the second | The state of the s | | | 100 |

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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).

| TASK LEVEL / NO. | DESCRIPTION | BUDGET | |
|-----------------------|---|--------|------|
| Task III-19-DOA-R-001 | Misc. AEP and Construction Consulting Services Amendment #10 | \$ | 0.00 |
| Sub-total (Level 3) | | \$ | 0.00 |

EXHIBIT B: DETAILED FEES, EXPENSESE AND PAYMENTS

EXHIBIT B-I: Summary of Fees

This Amendment #10, as described herein, consists of multiple tasks. As summarized below, these initial efforts have an overall budget of: \$395,406.12

LEVEL I TASKS:

| TASK Level / No. | DESCRIPTION | LUMP SUM | REIMBURSABI NOT-TO-EXCEED EXPENSES | " | TOTAL |
|---------------------|--|---------------|---------------------------------------|----|-----------------|
| I-23-PBI-R-036 | 1-23-PBI-R-036 New ARFF Facility – Phasing Services | \$ 227,496.74 | \$ | \$ | - \$ 227,496.74 |
| I-23-PBI-R-037 | 400Hz GPU Replacement Construction Administration & RPR Services - Extended Schedule | \$ 7,542.92 | 7,542.92 \$ 160,366.46 | \$ | \$ 167,909.38 |

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| TASK LEVEL / NO. DESCRIPTION TOTAL Task III-19-DOA-R-001 Mise. AEP and Construction Consulting Services Amendment #10 Services Amendment #10 | | | |
|---|---|-------|---|
| | DESCRIPTION | TOTAL | |
| | Misc. AEP and Construction Consulting Services Amendment #10 | S | v |

| and Total (Amendment #10) |
|---------------------------|
|---------------------------|

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" 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 the Work Program #2: Amendment #10:

LEVEL 1 TASKS:

Task I-23-PBI-R-036 New ARFF Facility -

New ARFF Facility - Phasing Services

Compensation:

\$ 227,496.74

Task I-23-PBI-R-037

400Hz GPU Replacement Construction Administration & RPR

Services - Extended Schedule

Compensation:

\$ 167,909.38

LEVEL 3 TASKS:

Task III-19-DOA-R-001

Misc. AEP and Construction Consulting Services Amendment

#10

Duration:

As required in accordance with specific

Task Authorizations

Compensation:

\$

TOTAL = \$395,406.12

1. "Deliverables" shall be defined as progress reports, prepared maps, bid documents, completed drawings, specific reports, work plans, documentation of meetings attended, assessment study reports, analysis reports, summary reports, recommendation reports and related draft reports and verifiable deliverables.

EXHIBIT C - PROPOSED SCHEDULES

Task I-23-PBI-R-036

New ARFF Facility - Phasing Services

Duration:

94 Working Days

(~129 Calendar Days)

Task I-23-PBI-R-037

400Hz GPU Replacement Construction Administration & RPR

Services - Extended Schedule

Duration:

Tied to Contractor Construction Schedule

(38) Additional Weeks

EXHIBIT D - DISADVANTAGED BUISINESS ENTERPRISE COMPLIANCE

Table D-1 summarizes the estimated fee for each of our team members that are certified DBE firms for Amendment 10.

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

| Firm | Amendment 10 Totals | % of Amendment 10 |
|-------------------------------------|---------------------|-------------------|
| Quantum Electrical Engineering, Inc | \$ 160,366.46 | 40.56% |
| Master Consulting Engineering, Inc. | \$ 55,950.30 | 14.15% |
| CRJ and Associates | \$ 10,087.04 | 2.55% |

TOTALS

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, Schedule | Table 2: DBE Firms, Scheduled Payment, Scheduled % of Total Fee | d % of Total Fee | | | | | |
|-----------------------------|-----------------|--|-------------------------|---------------|---------------------|---|-----------------------------|---------------|--------------|--------------------------|-----------------|----------|
| Firm | Base | Amendment 1 | Amendment 1 Amendment 2 | Amendment 4 | Amendment 5 | Amendment 6 | Amendment 7 | Amendment 8 | Amendment 9 | Amendment 9 Amendment 10 | Total Fees | % |
| | (R2019-0612) | (R2020-0414) | (R2020-1607) | (R2021-0844) | (R2022-0263) | (R2023-0103) | (R2023-0447) | (R2023-0532) | (R2023-) | (R2023-) | | of Total |
| | Totals | Totals | Totals | Totals | Totals | Totals | Totals | Totals | Total | Total | | Contract |
| Colome' | \$ 73,966.80 | \$ 164,286.41 | ٠, | - \$ | - \$ | - \$ | • | \$ - | \$ | - \$ | \$ 238,253.21 | 1.55% |
| Tierra South Florida | \$ 28,715.00 | \$ 28,715.00 \$ 26,985.00 \$ 29,240.00 | \$ 29,240.00 | - \$ | \$ 3,165.00 | - \$ | \$ 17,175.00 | \$ 1,750.00 | \$ | . \$ | \$ 107,030.00 | 0.70% |
| Brown & Phillips | \$ 20,021.45 | \$ 20,021.45 \$ 18,202.62 \$ 18,979.53 | \$ 18,979.53 | \$ | - \$ | - \$ | • | \$ - | . \$ | - \$ | \$ 57,203.60 | 0.37% |
| CECOS | - \$ | \$ 5,403.70 | • | \$ | \$ | - \$ | - \$ | \$ - | ÷ | . \$ | \$ 5,403.70 | 0.04% |
| Mobio | \$ 161,533.98 | \$ | \$ 176,600.00 | \$ 323,400.00 | - \$ | - \$ | \$ | \$ - | - \$ | - \$ | \$ 661,533.98 | 4.31% |
| Lakdas-Yohalem | - \$ | \$ - | - \$ | - \$ | . \$ | - \$ | ٠. | | | | . \$ | 0.00% |
| Connico | \$ 00.000,06 \$ | 9,300.00 | \$ 69,000.00 | - \$ | \$ 8,926.00 | \$ 70,200.00 | - \$ | \$ 64,200.00 | | . \$ | \$ 311,626.00 | 2.03% |
| Digital Building Services | • | \$ | \$ 183,689.00 | • | • | • | • | \$ - | - \$ | - \$ | \$ 183,689.00 | 1.20% |
| Master Consulting Engineers | - \$ | \$ 83,865.96 | \$ 4,960.00 | \$ 32,078.44 | - \$ | - \$ | • | \$ - | | \$ 55,950.30 | \$ 176,854.70 | 1.15% |
| Quantum | - \$ | \$ 181,491.77 \$1,232,154.40 | \$1,232,154.40 | \$ 149,029.00 | \$ 542,155.33 | \$ 149,029.00 \$ 542,155.33 \$ 554,206.67 | \$ 96,356.58 | \$ 177,962.21 | \$ 23,726.37 | \$ 160,366.46 | \$ 3,117,448.79 | 20.29% |
| Air Projects | . \$ | • | - \$ 3,412.31 | - \$ | \$ 11,207.68 \$ | \$ 17,735.01 | - \$ | \$ - | - \$ | . \$ | \$ 32,355.00 | 0.21% |
| CRJ | ÷ - | \$ 117,500.00 | - \$ | - \$ | . \$ | \$ | | | | \$ 10,087.04 | \$ 127,587.04 | 0.83% |
| TOTALS | \$ 374,237.23 | \$ 374,237.23 \$ 607,035.46 \$1,718,035.24 | | \$ 504,507.44 | \$ 565,454.01 | \$ 504,507.44 \$ 565,454.01 \$ 642,141.68 | \$ 113,531.58 \$ 243,912.21 | \$ 243,912.21 | \$ 23,726.37 | \$ 226,403.80 | \$ 5,018,985.02 | 32.67% |

Values in red differ from Amendment 10 Table D-2
 "Total Fees" revisions

Total value varies as values creating the summation changed.
3. "% of Total Contract" revisions
Total value varies as values creating the %'s changed.

LIST OF PROPOSED DBE FIRMS SCHEDULE 1(A)

Amendment No 10 Fax No: 800-464-4358 Change Order/Task/Amendment No. (if applicable): (Professional Services)
Airport Facilities & Systems Planning, Design, Engineering and Construction Management Professional Services for LOI/SOQ Project Description: Palm Beach County Department of Airports E-mail Address:_pat.hargrove@rsandh.com Phone No.: 904-256-2437 Address: 10748 Deerwood Park Blvd S, Jacksonville FL 32256 Name of Respondent: RS&H, Inc. Contact Person: Pat Hargrove

| | | | | Percentage of | Percentage of DBE Participation | ion |
|--|---|--|-------|---------------|---------------------------------|---------------------------|
| Name, Address & Phone No. of DBE Firm | Description of Type of Work | Classification (Check applicable box) | Black | Hispanic | Women | Other (Please Specify) |
| Quantum Electrical Engineering, Inc. | Electrical Engineering Design Services | □ Prime Consultant X Subcontractor □ Supplier □ Manufacturer | % | % | 40.56 % | % |
| Master Consulting Engineering, Inc. | Structural Engineering Design Services | □ Prime Consultant X Subcontractor □ Supplier □ Manufacturer | % | 14.15 % | % | . % (Asian / Pacific) |
| CRJ Associates, Inc. | Civil Engineering Design Services | □ Prime Consultant X Subcontractor □ Supplier □ Manufacturer | % | % | % | 2.55 % (FDOT DBE) |
| đ | | □ Prime Consultant □ Subcontractor □ Supplier □ Manufacturer | % | % | % | % |

Total Percentage of DBE Participation: 57.26

Notes:

- The percentages listed on this form for each DBE Firm must be supported by the percentages included on Schedule 2(A), "Letter of Intent to Perform as a Disadvantaged Business Enterprise", in
 - order to be counted toward attainment of the DBE 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
 - If materials or supplies are proposed to be purchased from a DBE regular dealer, the undersigned acknowledges that only sixty percent (60%) of the proposed expenditure will be counted toward attainment of the DBE goal.

By signing this form the undersigned Respondent is committing to utilize the above referenced DBE Firms on the Project and that the Respondent will monitor the DBE Firms.

The DBE Firms to ensure that the work is actually performed by the by the DBE Firms.

10/4/2023 Date: 10/4/2023

-4C8126E38A4642F By: Signature

Pat Hargrove, AIA NCARB, Vice President, Aviation

Print Name/Title of Person Executing on Behalf of the Responden

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

| Airport Fact LOI/SOQ Project Description: Services for | ilities & Systems Planning, De r Palm Beach County Departr | esign, Engineering and Construct nent of Airports | on Management Professional |
|--|---|--|-------------------------------|
| Change Order/Task /Amendment No. (i | if applicable): | | |
| Name of Prime Respondent: RS&H, | Inc. | | |
| Name of DBE Firm: Quantum Elect | rical Engineering, Ir | nc. | |
| The undersigned is certified as a Disac Program. Check one or more classifica | | terprise by the State of Fl | orida's Unified Certification |
| □ Black □ Hispanic | XWomen | □Other (Please Specify | |
| □ Prime Consultant 🗶 Subcontractor | □ Manufacturer | □ Supplier | |
| The undersigned is prepared to perform project (specify in detail the particular was a second control of the co | orm the following descr work and/or parts thereo | ibed work in connection for to be performed): | with the above-referenced |
| Electrical Engineering Design Services | | | 1 |
| | | | |
| (Additional Sheets may be used as necessary.) | | | |
| Total Percentage of Participa | ation by DBE Firm for t | this Project: 40.5 | 6% |
| and will enter into a formal agreement Beach County. | for work with you cond | ditioned upon your execut | on of a contract with Palm |
| If the undersigned intends to su subcontractor, please complete the | ubcontract any porti following: | on of the work descr | ibed above to another |
| | | | □ DBE Certified |
| (Name of Subcontractor) | (Percentage of | work to be subcontracted) | □ Non-DBE |
| The undersigned affirms that it has subcontracting the work to another | | | described above without |
| | Quantum Ele | ectrical Engineering, Inc. | |
| | Printed Name of | DBE°SUBESARVACTOR | |
| | By: | lmy Champagne-Bake | <u>r</u> |
| | Date: | 9/25/2023 | _ |

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

| Airport Faci LOI/SOQ Project Description: <u>Services for</u> | lities & Systems Planning Palm Beach County Dep | g, Design, Engineering and Construct partment of Airports | tion Management Professional |
|--|--|--|------------------------------------|
| Change Order/Task /Amendment No. (i | f applicable): | | |
| Name of Prime Respondent: RS&H, | Inc. | | |
| Name of DBE Firm: Master Consult | ing Engineers, Ir | nc. | |
| The undersigned is certified as a Disac Program. Check one or more classifica | lvantaged Business tions as applicable: | Enterprise by the State of F | lorida's Unified Certification |
| □ Black 💢 Hispanic | □Women | □Other (Please Specify | ") |
| □ Prime Consultant 🗶 Subcontractor | □ Manufacturer | □ Supplier | |
| The undersigned is prepared to perfo project (specify in detail the particular w | rm the following de ork and/or parts the | escribed work in connection ereof to be performed): | with the above-referenced |
| Supporting Structural Engineering Serv | rices | | |
| (Additional Sheets may be used as necessary.) Total Percentage of Participa and will enter into a formal agreement Beach County. | | ioi una rioject. | 4.15% tion of a contract with Palm |
| If the undersigned intends to susubcontractor, please complete the | ibcontract any p following: | ortion of the work desc | ribed above to another |
| | | % ge of work to be subcontracted) | □ DBE Certified □ Non-DBE |
| (Name of Subcontractor) The undersigned affirms that it has subcontracting the work to another s | the resources nec | essary to perform the work | |
| | Master C | Consulting Engineers, Inc. | |
| | Printed Nam | ne of DBE SUBER NY actor | |
| | Ву: | ARMAMO CASTELLO | |
| | Date: | 9/28/2023 | |
| | Date | | |

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

| Airport Facilities & Sy LOI/SOQ Project Description: Services for Palm Be | ystems Planning, Desi each County Departme | gn, Engineering and Construct ent of Airports | ion Management Professional |
|---|---|--|-------------------------------|
| Change Order/Task /Amendment No. (if application) | able): | | |
| Name of Prime Respondent: RS&H, Inc. | | | |
| Name of DBE Firm: CRJ & Associates, In | C. | | |
| The undersigned is certified as a Disadvantage Program. Check one or more classifications as | ed Business Ente | rprise by the State of Fl | orida's Unified Certification |
| □ Black □ Hispanic □ Wom | nen | □Other (Please Specify) |) |
| □ Prime Consultant 💥 Subcontractor 🗆 Man | nufacturer | □ Supplier | |
| The undersigned is prepared to perform the project (specify in detail the particular work and | | | with the above-referenced |
| Civil Engineering Design Services | | | |
| | | | |
| | | | |
| (Additional Sheets may be used as necessary.) | | | |
| Total Percentage of Participation by | DBE Firm for th | is Project:2 | <u>55 </u> % |
| and will enter into a formal agreement for wor Beach County. | k with you condit | ioned upon your executi | on of a contract with Palm |
| If the undersigned intends to subcontr subcontractor, please complete the following | | n of the work descr | ibed above to another |
| | | % | □ DBE Certified |
| (Name of Subcontractor) | (Percentage of w | ork to be subcontracted) | □ Non-DBE |
| The undersigned affirms that it has the resuscentracting the work to another subconf | | | described above without |
| | CRJ & Associa | ates, Inc. | |
| | Printed Name of 01 | SESSIBSONTRACTOR W. FUMALIAN | |
| | By: Signature | 0DAE77C2347E | |
| | | 25/2023 | |