

AGENDA ITEM SUMMARY

☒ Consent ☐ Regular
☐ Workshop ☐ Public Hearing

Submitted For:

1. Amendment No. 6 with CH2M Hill, Inc. – 3 Originals

Recommended By:

Date _____

Approved By:

Date _____

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures	\$338,860.74				
Operating Costs					
External Revenues (Grants)					
Program Income (County)					
In-Kind Match (County)					
NET FISCAL IMPACT	\$338,860.74				
# ADDITIONAL FTE POSITIONS (Cumulative)					

Is Item Included in Current Budget? Yes X No
Budget Account No: Fund 4111 Department 121 Unit A212 Object 6211
Reporting Category

B. Recommended Sources of Funds/Summary of Fiscal Impact:

Budget is available in the above-referenced account for this contract amendment.
Funding source is Airport Local Funds.

C. Departmental Fiscal Review: LM Samu


III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Susan Neary 1/15/15
AD 1/14 OFMB AM 1/15

A. J. Jacobson 11/5/15
Contract Dev. and Control
1-15-15 *B. Wheeler*

B. Legal Sufficiency:


Assistant County Attorney

C. Other Department Review:

Department Director

**AMENDMENT NO. 6 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
CH2M HILL, INC.
FOR
GENERAL CONSULTING SERVICES FOR
ARCHITECTURAL, ENGINEERING, CONSTRUCTION
MANAGEMENT AND LAND DEVELOPMENT**

AMENDMENT NO. 6 TO CONTRACT
BETWEEN
PALM BEACH COUNTY DEPARTMENT OF AIRPORTS
AND
CH2M HILL, INC.
FOR

**GENERAL CONSULTING SERVICES FOR ARCHITECTURAL, ENGINEERING,
CONSTRUCTION MANAGEMENT, AND LAND DEVELOPMENT**

This Amendment No. 6 to the Contract is made as of the _____ day of _____, 2015, by and between Palm Beach County, Florida (County) and CH2M HILL, Inc., a corporation authorized to do business in the State of Florida, hereinafter referred to as the CONSULTANT, having its office and principal place of business at 3001 PGA Boulevard, Suite 300, Palm Beach Gardens, Florida 33410 whose Federal Tax I.D. number is 59-0918189.

WITNESSETH

WHEREAS, on September 13, 2011, the County entered in to an Agreement (R2011 1333) with the CONSULTANT for the CONSULTANT to provide General Airport Consulting Services for the Palm Beach County Department of Airports, for a period of twenty-four (24) months with up to two (2) additional twelve (12) month renewals at the County's Option (the Contract); and

WHEREAS, on June 5, 2012 the County approved Amendment No. 1 (R2012 0826) to agreement (R2011 1333) with the CONSULTANT; and

WHEREAS, on May 7, 2013 the County approved Amendment No. 2 (R2013 0532) to agreement (R2011 1333) with the CONSULTANT; and

WHEREAS, on September 10, 2013 the County approved Amendment No. 3 (R2013 1151) to agreement (R2011 1333) with the CONSULTANT; and

WHEREAS, on November 19, 2013 the County approved Amendment No. 4 (R2013 1631) to agreement (R2011 1333) with the CONSULTANT; and

WHEREAS, on July 22, 2014 the County approved Amendment No. 5 (R2014 1032) to agreement (R2011 1333) with the CONSULTANT; and

WHEREAS, Article 2 of the Contract defines the performance period of the contract as twenty-four (24) months, with up to two (2) additional twelve (12) month renewal options, the exercise of which are within County's sole control and discretion, and

WHEREAS, Article 25 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 considerations of the mutual covenants herein contained, and such other good and valuable consideration, the receipt of which the parties hereby acknowledge, the parties agree to the following terms and conditions.

1. The parties hereby agree to amend the Contract to include the Scope of Services and Fees as outlined in Attachment "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 \$338,860.74 (Three Hundred Thirty Eight Thousand Eight Hundred Sixty Dollars and Seventy Four Cents) for services included in this Amendment No. 6 to the original Contract.
2. Reference Amendment No. 6 Index as attached hereto for the full and complete list of Task and Attachment documents which reflect and summarize all additions and revisions as incorporated hereto by this Amendment No. 6. All documents as included in the Amendment No. 6 Index are incorporated fully by reference into this Amendment.
3. **ARTICLE 21 - NONDISCRIMINATION** shall be revised as follows:

The CONSULTANT warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status, familial status, sexual orientation, gender identity and expression, or genetic information.

CONSULTANT has submitted to COUNTY a copy of its non-discrimination policy which is consistent with the above paragraph, as contained in Resolution R-2014-1421, as amended, or in the alternative, if the CONSULTANT does not have a written non-discrimination policy or one that conforms to the COUNTY's policy, it has acknowledged through a signed statement provided to COUNTY that CONSULTANT will conform to the COUNTY's non-discrimination policy as provided in R-2014-1421, as amended.

4. Except as specifically amended herein, all other terms and conditions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused the Sixth Amendment to the Contract to be signed by the Chair 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, CH2M HILL, INC. has caused these present to be signed in its corporate name by its duly authorized officer Maxwell Mozo, 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.

ATTEST:

PALM BEACH COUNTY, FLORIDA
BOARD OF COUNTY COMMISSIONERS

SHARON R. BOCK
CLERK AND COMPTROLLER

By: _____
Deputy Clerk

By: _____
Mayor Shelley Vana

WITNESS:

CONSULTANT:

Carol Foster
SIGNATURE

CH2M Hill, Inc
COMPANY NAME

Carol Foster
Name (type or print)

[Signature]
Signature

Maxwell Mozo
Name (type or print)
Business
Vice President
Title

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY

BY: [Signature]
County Attorney

APPROVED AS TO TERMS
AND CONDITIONS

By: [Signature]
Department Director



AMENDMENT NO. 6

INDEX

CERTIFICATE OF INSURANCE

ATTACHMENT "A" AMENDMENT NO. 6

EXHIBIT "A" SCOPE OF WORK FOR TASK I SPECIFIC PROJECTS

EXHIBIT A-I-32 TASK I-14-PBI-C-032
Palm Beach County Department of Airports
Palm Beach International Airport
Emergency Generators Replacement
Design, Bidding and Construction Services 1-7

EXHIBIT B – DETAILED FEES, EXPENSES, AND PAYMENTS

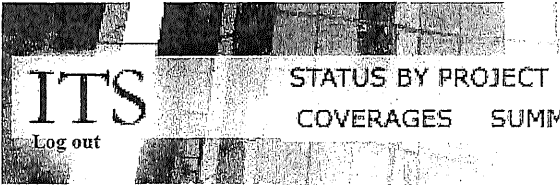
 EXHIBIT B-I Summary of Fees 1-3

 EXHIBIT B-II Schedule of Payments..... 1-1

EXHIBIT C – PROPOSED SCHEDULES..... C-1

EXHIBIT D – Disadvantaged Business Enterprise Compliance D-1

CERTIFICATE OF INSURANCE



[Connect to ITS Live Support](#)

[STATUS BY PROJECT](#) [AM BEST](#) [CANCELLED](#) [INSURED](#) [COMPLIANT](#) [NON-COMPLIANT](#)
[COVERAGES](#) [SUMMARY PROBLEMS](#) [EXPIRATION](#) [SPECIAL ISSUES](#) [MISSING POLICIES](#)

[Select a Project](#) [Insured Problems](#) [Locate a Contract](#) [Summary of Contracts](#)

Summary of Certificates

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This report displays detailed certificate information for selected insured(s). Items in red are deficient.

Thursday, December 18, 2014

[Images](#)

[Contracts](#)

Insured: CH2M Hill Inc. Insured ID: R-2011-1333-PBC Compliant (with overrides)

ITS Account Number: PLC679

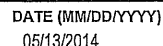
Project(s): Palm Beach County - Airports Planning & Development

Insurance Policy	Required	Provided	Override
General Liability			
Expiration: 5/1/2015			
General Aggregate:	\$5,000,000	\$5,000,000	
Products - Completed Operations Aggregate:	\$0	\$0	
Personal And Advertising Injury:	\$0	\$0	
Each Occurrence:	\$5,000,000	\$1,500,000	X
Fire Damage:	\$0	\$0	
Medical Expense:	\$0	\$0	
Automobile Liability			
Expiration: 5/1/2015			
	All Owned Autos	Any Auto not provided	X
	Hired Autos	not provided	X
	Non-Owned Autos	not provided	X
Combined Single Limit:	\$5,000,000	\$2,000,000	X
Excess/Umbrella Liability			
Expiration: 5/1/2015			
Each Occurrence:	\$0	\$5,000,000	
Aggregate Limit:	\$0	\$5,000,000	
Workers Compensation/Employers Liability WC Stat. Limits			
Expiration: 5/1/2015			
Professional Liability			
Expiration: 5/1/2015			
Each Occurrence:	\$5,000,000	\$5,000,000	
Aggregate Limit:	\$5,000,000	\$5,000,000	

Notifications

There were no deficiency letters issued.

Do you have an updated Certificate? Click the button below to submit a Certificate.



IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER MARSH USA INC. 1225 17TH STREET, SUITE 1300 DENVER, CO 80202-5534		CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL ADDRESS:	FAX (A/C, No):	
15114 -12345-5EX5P-14/15	034188	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED CH2M HILL, INC. 4350 WEST CYPRESS STREET, SUITE 600 TAMPA, FL 33607		INSURER A : Greenwich Insurance Company		22322
		INSURER B : National Union Fire Ins Co Pittsburgh PA		19445
		INSURER C : XL Insurance America, Inc.		24554
		INSURER D : Zurich American Insurance Co		16535
		INSURER E :		
		INSURER F :		

COVERAGES	CERTIFICATE NUMBER:	SEA-002405041-28	REVISION NUMBER: 6
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INSR LTR	TYPE OF INSURANCE				ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS				
A	GENERAL LIABILITY				X	X	RGE500025503	05/01/2014	05/01/2015	EACH OCCURRENCE	\$ 1,500,000			
	X	COMMERCIAL GENERAL LIABILITY								DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 1,500,000			
			CLAIMS-MADE	X	OCCUR	MED EXP (Any one person)				\$				
	X	\$500,000 SIR								PERSONAL & ADV INJURY	\$ 1,500,000			
										GENERAL AGGREGATE	\$ 5,000,000			
										PRODUCTS - COMP/OP AGG	\$ 5,000,000			
	GEN'L AGGREGATE LIMIT APPLIES PER:												\$	
		POLICY		PRO-JECT		LOC				\$				
A A	AUTOMOBILE LIABILITY				X	X	RAD500025403 (AOS)	05/01/2014	05/01/2015	COMBINED SINGLE LIMIT (Ea accident)	\$ 2,000,000			
	X	ANY AUTO								BODILY INJURY (Per person)	\$			
		ALL OWNED AUTOS					SCHEDULED AUTOS	05/01/2014	05/01/2015	BODILY INJURY (Per accident)	\$			
		HIRED AUTOS					NON-OWNED AUTOS			PROPERTY DAMAGE (Per accident)	\$			
											\$			
B	X	UMBRELLA LIAB		X	OCCUR	BE 31131547	05/01/2014	05/01/2015	EACH OCCURRENCE	\$ 5,000,000				
		EXCESS LIAB			CLAIMS-MADE				AGGREGATE	\$ 5,000,000				
		DED		RETENTION \$						\$				
C C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				Y / N N	N / A	RWD500025203 (AOS)	05/01/2014	05/01/2015	X	WC STATU-TORY LIMITS		OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)													E.L. EACH ACCIDENT
	If yes, describe under DESCRIPTION OF OPERATIONS below								RWR500025303 (WI)	05/01/2014	05/01/2015	E.L. DISEASE - EA EMPLOYEE	\$ 1,000,000	
											E.L. DISEASE - POLICY LIMIT	\$ 1,000,000		
D	PROFESSIONAL LIABILITY*						EOC3829621-12	05/01/2014	05/01/2015	Each Claim & Aggregate \$5,000,000				
										Each Policy Period				

PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, ITS OFFICERS, EMPLOYEES AND AGENTS ARE INCLUDED AS AN ADDITIONAL INSURED ON THE GENERAL LIABILITY AND AUTOMOBILE LIABILITY POLICIES AS REQUIRED BY WRITTEN CONTRACT OR AGREEMENT. PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, ITS OFFICERS, EMPLOYEES AND AGENTS ARE INCLUDED AS ADDITIONAL INSURED ON THE UMBRELLA POLICY ABOVE. COVERAGE PROVIDED BY THE ABOVE GENERAL LIABILITY AND AUTO POLICIES SHALL BE PRIMARY AND NON-CONTRIBUTORY AND IS LIMITED TO THE LIABILITY RESULTING FROM THE NAMED INSURED'S OWNERSHIP AND/OR OPERATIONS. GENERAL LIABILITY AND AUTO LIABILITY INCLUDE SEPARATION OF INSUREDS AND NO CROSS SUITS EXCLUSION.

CANCELLATION

<p>CERTIFICATE HOLDER</p> <p>PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS ATTN: JERRY ALLEN, DEPUTY DIRECTOR OF AIRPORTS 846 PALM BEACH INTERNATIONAL AIRPORT WEST PALM BEACH, FL 33406</p>	<p>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p>
	<p>AUTHORIZED REPRESENTATIVE of Marsh USA Inc.</p> <p>Sharon A. Hammer <i>Sharon A. Hammer</i></p>

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ADDITIONAL REMARKS SCHEDULE

AGENCY MARSH USA INC.		NAMED INSURED CH2M HILL, INC. 4350 WEST CYPRESS STREET, SUITE 600 TAMPA, FL 33607	
POLICY NUMBER			
CARRIER	NAIC CODE	EFFECTIVE DATE:	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

GENERAL LIABILITY AND AUTOMOBILE LIABILITY POLICIES INCLUDE A WAIVER OF SUBROGATION. *FOR PROFESSIONAL LIABILITY COVERAGE, THE AGGREGATE LIMIT IS THE TOTAL INSURANCE AVAILABLE FOR CLAIMS PRESENTED WITHIN THE POLICY PERIOD FOR ALL OPERATIONS OF THE INSURED. THE LIMIT WILL BE REDUCED BY PAYMENTS OF INDEMNITY AND EXPENSE.

AMENDMENT NO. 6
TO
CONTRACT FOR CONSULTING/PROFESSIONAL
SERVICES
(CONTRACT R2011 1333)

ATTACHMENT "A"

AMENDMENT NO. 6

This Amendment No. 6 is in accordance with the Contract for Consultant/Professional Services by and between Palm Beach County (COUNTY) and CH2M HILL (CONSULTANT) dated September 13, 2011. The fees to be paid CH2M HILL are as estimated by the CONSULTANT and shown on Exhibit 'B'.

The following Exhibits outline the Scope of Services included within this Amendment for the following Services:

EXHIBIT A-I-32	TASK I-14-PBI-C-032	Palm Beach County Department of Airports Palm Beach International Airport Emergency Generators Replacement Design, Bidding and Construction Services
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PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT “A-I-32”

Task Scope Sheet

Task I-14-PBI-C-032	Palm Beach County Department of Airports Palm Beach International Airport Emergency Generators Replacement Design, Bidding and Construction Administration Services
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Overview

The Palm Beach County Department of Airports (PBCDOA) has requested that CH2M HILL, Inc. (CONSULTANT) and Hillers Electrical Engineering, Inc. (SUBCONSULTANT) provide professional architectural/engineering services for the preparation of bid and construction documents associated with the Emergency Generators Replacement Project (the Project) located in the Main Terminal Building, north of Concourse C, at Palm Beach International Airport (PBI). The project will be completed as a part of the PBCDOA’s Construction Manager (CM) at Risk Contract. The construction value for the Project is estimated at \$4,000,000.

The purpose of this task is to prepare 60% and 100% contract documents including drawings and technical specifications, permitting services, bid and award services, and construction administration services.

The Emergency Generators Replacement Project includes replacing three (3) emergency generator units, remote roof mounted radiator systems, emergency power paralleling switchgear / control system, and the temporary emergency power systems for demolition and installation of new equipment. To facilitate replacement of existing generator equipment, the project will include temporary power systems including equipment, cable and conduit systems, and portable generators during the construction phase to limit disruption to the terminal operations. Temporary downtime to the systems are anticipated during the construction phase and will be limited to nighttime hours. The design will include new 1200Amp rated, 4160 volts, 3-phase paralleling switchgear / control emergency power distribution system that will facilitate three (3) 1000kW new emergency standby generators including connections / modifications to existing main emergency electrical service equipment / systems, new power and control conduit and conductor systems, buss ducts, overcurrent protection equipment, surge protection / grounding systems, removal and replacement of fire rated walls between generator and electrical rooms to facilitate demolition and installation of switchgear and related improvements, plumbing connections and modifications associated with diesel fuel service to new generators, evaluation of heat removal and combustion air systems in the generator room, replacement of generator cooling system piping and generator exhaust system, structural improvements associated with new roof mounted radiators, flanges and appurtenances. A code review will be performed to

determine required modifications to the electrical and generator room emergency egress, fire protection requirements, and storage limits of diesel fuel in the generator room day tanks.

Project Team

CONSULTANT will be responsible for task management, civil, structural, architectural, plumbing, and mechanical design, bidding and construction administration services and SUBCONSULTANT will be responsible for electrical and generator / radiator / switchgear design, bidding and construction administration services.

Scope of Services

CONSULTANT and SUBCONSULTANT will perform the professional services associated with the Project as described and indicated herein.

CONSULTANT and SUBCONSULTANT will perform the following tasks 1 through 13:

1. Task Management / Subconsultant Coordination (CONSULTANT);
2. One (1) Design Kick-Off Meeting (CONSULTANT and SUBCONSULTANT);
3. Records Research and Data Collection (CONSULTANT and SUBCONSULTANT);
4. Preparation of Existing Base Plans (CONSULTANT and SUBCONSULTANT);
5. Two (2) Site Visits to Observe and Document Existing Conditions (CONSULTANT and SUBCONSULTANT);
6. One (1) pre-application meeting each with the Building Dept. and Fire Marshall Dept. (CONSULTANT and SUBCONSULTANT);
7. 60% Drawings, Technical Specifications and Engineer’s Opinion of Probable Construction Cost Estimate (CONSULTANT and SUBCONSULTANT);
8. One (1) 60% Design Review Meeting (CONSULTANT and SUBCONSULTANT);
9. 100% Drawings, Technical Specifications and Engineer’s Opinion of Probable Construction Cost Estimate (CONSULTANT and SUBCONSULTANT);
10. One (1) 100% Design Review Meeting (CONSULTANT and SUBCONSULTANT);
11. Permit Drawings (CONSULTANT and SUBCONSULTANT);
12. Bid and Award Services including Review of CM at Risk Cost Proposal (CONSULTANT and SUBCONSULTANT);
13. Construction Administration Services (CONSULTANT and SUBCONSULTANT).

Meetings and site visits include travel, preparation and attendance. Meeting agenda and minutes will be prepared for the 60% and 100% design review meetings.

60% Contract Documents

The 60% Contract Documents deliverables will include the following items 1-46:

1. 60% Cover;
2. 60% Drawing Index;
3. 60% Summary of Quantities;
4. 60% General, Safety, and Security Notes;
5. 60% Safety Plan;
6. 60% Site Plan;

-
- 7. 60% Overall Staging, Storage and Haul Route Plans;
 - 8. 60% Construction Phasing / MOT Plans, Details and Notes;
 - 9. 60% Sheet Layout Plan;
 - 10. 60% Demolition Plans;
 - 11. 60% Architectural General Notes;
 - 12. 60% Life Safety Plan;
 - 13. 60% Floor Plans;
 - 14. 60% Equipment Layout Plan;
 - 15. 60% Partial Building Sections;
 - 16. 60% Interior Elevations;
 - 17. 60% Architectural Details and Schedules;
 - 18. 60% Structural General Notes;
 - 19. 60% Structural Foundation Plans;
 - 20. 60% Structural Framing Plans;
 - 21. 60% Structural Details;
 - 22. 60% Mechanical General Notes;
 - 23. 60% Mechanical Plans;
 - 24. 60% Mechanical Generator Fueling Diagram;
 - 25. 60% Mechanical Generator Cooling and Ventilation Diagram;
 - 26. 60% Mechanical Details and Schedules;
 - 27. 60% Fire Protection General Notes;
 - 28. 60% Fire Protection Plans;
 - 29. 60% Fire Protection Details;
 - 30. 60% Piping General Notes;
 - 31. 60% Piping Plans;
 - 32. 60% Piping Roof Plans;
 - 33. 60% Piping Details and Schedules;
 - 34. 60% Plumbing General Notes;
 - 35. 60% Plumbing Plans/Riser Diagram;
 - 36. 60% Plumbing Details and Schedules;
 - 37. 60% Electrical General Notes;
 - 38. 60% Electrical Demolition and Installation Notes;
 - 39. 60% Electrical Demolition Plans;
 - 40. 60% Temporary Electrical Provisions Plans;
 - 41. 60% Single Line Diagrams, Demolition and New;
 - 42. 60% Electrical Layout Plans;
 - 43. 60% Electrical Details and Schedules;
 - 44. 60% Project Schedule;
 - 45. 60% Technical Specifications;
 - 46. 60% Engineer's Opinion of Probable Construction Cost Estimate.

100% Contract Documents

The 100% Contract Documents deliverables will include the following items 1-46:

- 1. 100% Cover;
- 2. 100% Drawing Index;

-
3. 100% Summary of Quantities;
 4. 100% General, Safety, and Security Notes;
 5. 100% Safety Plan;
 6. 100% Site Plan;
 7. 100% Overall Staging, Storage and Haul Route Plans;
 8. 100% Construction Phasing / MOT Plans, Details and Notes;
 9. 100% Sheet Layout Plan;
 10. 100% Demolition Plans;
 11. 100% Architectural General Notes;
 12. 100% Life Safety Plan;
 13. 100% Floor Plans;
 14. 100% Equipment Layout Plan
 15. 100% Partial Building Sections;
 16. 100% Interior Elevations;
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 18. 100% Structural General Notes;
 19. 100% Structural Foundation Plans;
 20. 100% Structural Framing Plans;
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 22. 100% Mechanical General Notes;
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 33. 100% Piping Details and Schedules;
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 41. 100% Single Line Diagrams, Demolition and New;
 42. 100% Electrical Layout Plans;
 43. 100% Electrical Details and Schedules;
 44. 100% Project Schedule;
 45. 100% Technical Specifications;
 46. 100% Engineer's Opinion of Probable Construction Cost Estimate.

Permitting

CONSULTANT will provide signed and sealed permit drawing sets to the DOA for filing for permits with the Palm Beach County Building and Fire Marshall Departments. CONSULTANT will address a maximum of four (4) RFIs during the permit review process.

Bid and Award

After authorization to proceed with the Bidding Phase, CONSULTANT will assist the DOA and the CM at Risk Contractor in advertising for and obtaining bids for the Project. CONSULTANT will respond to a maximum of 10 RFIs during the bidding phase and evaluate the CM at Risk's proposal. Bid Documents (Drawings and Technical Specifications) will be provided by CONSULTANT in PDF format to the CM at Risk.

The CM at Risk will maintain a record of prospective bidders to whom Bidding Documents have been issued, and receive bids; assist the DOA in conducting a pre-bid conference for the Project to share pertinent bidding and technical information and requirements with prospective bidders; issue addenda as appropriate to interpret, clarify or expand the Bidding Documents; and sets of Bidding Documents to Prospective Bidders and plan offices (Central Florida Builders Exchange, McGraw-Hill Construction, Construction Journal, Reed Construction, and iSqFt / Construction Software Technology, Inc. Plan Rooms) during the Bidding phase, prepare bid tabulation sheet and assist DOA in evaluating bids or proposals (evaluate the low bidders' insurance, licensing and qualifications) and in assembling and awarding contracts for construction, materials, equipment and services.

Construction Administration

The CONSULTANT will provide professional services during construction to assist the COUNTY. CONSULTANT's services will be limited to providing project administration for shop drawings and submittals, requests for information (RFI), field instructions, field bulletins, and bi-weekly construction meetings and periodic site visits, record drawings, and general administration.

Construction Administration Services will consist of the following items 1 through 7:

1. Participate in pre-construction conference and prepare conformed construction drawings and technical specifications. For budgeting purposes, the CONSULTANT's Engineer of Record, Project Manager and Subconsultant will attend the pre-construction conference. The CM at Risk contractor will prepare the pre-construction meeting agenda and meeting minutes.
2. Participate in a maximum of twelve (12) bi-weekly construction progress meetings. Weekly construction progress meeting agenda and minutes will be prepared by the CM at Risk contractor. CONSULTANT'S Engineer of Record, Project Manager and supporting subconsultants will attend the weekly construction progress meetings.
3. The man-hour budget was developed based on the need for CONSULTANT to provide a maximum of twelve (12) periodic site visits at four (4) hours per visit including preparation, travel time to and from the site, and documentation. The site visits will be performed as

requested by the COUNTY or as the CONSULTANT deems necessary to review field conditions to address Contractor RFIs.

4. Review and approve or take other appropriate action upon the shop drawings, submittals, construction schedule, construction phasing and maintenance of traffic plans, and substitution requests furnished by the contractor and submitted to the CONSULTANT. The CONSULTANT will determine if the shop drawings and submittals generally conform to the design concept of the project and the requirements of the Contract Documents. Such action(s) will be taken within fifteen (15) calendar days from receipt of submittal by CH2M HILL's Palm Beach Gardens Office. For budgeting purposes, the CONSULTANT assumes a maximum of twenty (20) shop drawings and/or submittals will be reviewed and estimates at 2 hours each for processing, review, and approval. In accordance with the COUNTY's Front End Contract Documents, CONSULTANT will review one (1) re-submittal of shop drawings, estimated at ten percent (10%) of the original submittal review budget. Review of shop drawings beyond one (1) re-submittal by the contractor due to non-conformance with the construction documents is not included in this scope of services. Review of shop drawings beyond one (1) re-submittal above the estimated ten percent (10%) budget will constitute additional services and a separate task authorization will be prepared and negotiated and approved. The CONSULTANT will process shop drawings, perform quality checks of SUBCONSULTANT reviews, and maintain a log of contractor shop drawings and submittals included in this scope of services. The submittal log will include the submittal receipt date, the action taken, and the date returned.
5. Provide design clarifications to assist the COUNTY representative in resolving field issues relating to the construction. For budgeting purposes, a maximum of thirty (30) RFIs are estimated at 2 hours per each for processing, review, and response. RFIs are assumed to be divided between the construction administration team as follows: ten (10) RFIs are budgeted for CH2M HILL and twenty (20) RFIs are budgeted for Hillers Electrical Engineering, Inc.
6. Perform, together with the COUNTY'S representative, observations of the construction site to assist in the determination if the project is substantially complete and a final inspection to determine if the project has been generally completed in accordance with the Contract Documents. A maximum of one (1) substantial completion site visit and one (1) final completion site visit is assumed for budgeting purposes at 12 hours per visit including preparation, documentation, and review of punch list generated by the Construction Team.
7. Provide one (1) set of reproducible drawings and CAD file "record drawings," which will become the property of the COUNTY, corrected to show changes made in the work during construction of the project. Such corrections will be based solely upon "as-built" prints, drawings, field sketches, and other data furnished to the CONSULTANT by the COUNTY and the contractor, and upon change orders issued during construction. The CONSULTANT will not verify the as-built information provided by the COUNTY or contractor. Record drawings will be prepared in part on the basis of information compiled and furnished by others, and may not always represent the exact location, type of various components, or exact manner in which the Project was finally constructed. CH2M HILL is not responsible for any errors and omissions in the information from others which is incorporated into the record drawings.

Project Deliverables

CONSULTANT and SUBCONSULTANT provide PDFs of the following project deliverables, items 1 through 5:

1. 60% Contract Documents:
 - a. 60% Engineer's Estimate of Probable Construction Cost
 - b. 60% Technical Specifications
 - c. 60% Drawings
 - d. 60% Design Review Meeting Agenda and Minutes
2. 100% Contract Documents:
 - a. 100% Engineer's Estimate of Probable Construction Cost
 - b. 100% Technical Specifications
 - c. 100% Drawings
 - d. 100% Design Review Meeting Agenda and Minutes
3. Permit Documents:
 - a. Drawings (Hard Copies, Signed and Sealed)
 - b. Response to a max. of 4 RFIs (PDF Format)
4. Bid Documents:
 - a. Technical Specifications (PDF Format)
 - b. Drawings (PDF Format)
 - c. Response to a max. of 10 RFIs (PDF Format)
5. Construction Administration:
 - a. Shop Drawing and Submittal Reviews (PDF Format)
 - b. Response to a maximum of thirty (30) RFIs (PDF Format)
 - c. Substantial Completion Inspection Punch List (PDF Format)
 - d. Record Drawings

Assumptions

1. Meeting agenda and minutes during the bidding and construction phase are not included in this scope of services.
2. Airport base and building floor plans will be provided by DOA in AutoCAD format.
3. Building Code-required upgrades are limited to immediate project area and adjacent spaces altered due to construction activities of this project.
4. Front End Contract Documents will be prepared by the DOA and are not a part of this scope of services.
5. CM at Risk Contractor will be responsible for administering the bid and award phase.
6. Any permitting fees will be paid by DOA.

Project Schedule

CONSULTANT will complete this project within 375 calendar days of receipt of Notice to Proceed (NTP) from the DOA. The 60% Contract Documents will be submitted within 30 calendar days following issuance of NTP. Following receipt of comments for 60% review, the 100% Contract Documents will be submitted within 30 calendar days. Bid and Award phase is estimated at 45 calendar days. Construction phase is estimated at 270 calendar days due to the anticipated lead times for the generators.

EXHIBIT "B"
DETAILED FEES, EXPENSES AND PAYMENTS

EXHIBIT "B-I"
SUMMARY OF FEES
AMENDMENT NO. 6

TASK		BUDGET
TASK I-14-PBI-C-032	Palm Beach County Dept. of Airports Palm Beach International Airport Emergency Generators Replacement Design, Bidding and Construction Services	\$ 338,860.74
TOTAL - TASK I SERVICES		\$ 338,860.74
TASK III -001	Misc. Planning and Engineering Services	\$ -
TASK III -002	Misc. Financial Consulting and Capital Programming Services	\$ -
TASK III -003	Misc. Environmental Consulting Services	\$ -
TOTAL - TASK III SERVICES		\$ -
TOTAL CONTRACT AMOUNT		\$ 338,860.74

**EXHIBIT “B”
DETAILED FEES, EXPENSES, AND PAYMENTS**

A. METHOD OF PAYMENT FOR SERVICES AND EXPENSES OF CONSULTANT:

TASK I SPECIFIC PROJECTS FOR 2015:

For labor and expenses expended by CONSULTANT for Specific 2015 Projects, COUNTY shall pay CONSULTANT the amounts as follows:

Task	Lump Sum Labor Amount	T&M Labor Amount	Lump Sum Expense	Reimbursable Expense	Total Cost
TASK I-14-PBI-C-032 Palm Beach County Dept. of Airports Palm Beach International Airport Emergency Generators Replacement Design, Bidding and Construction Services	\$338,245.74	\$0.00	\$615.00	\$0.00	\$338,860.74
TOTALS	\$338,245.74	\$0.00	\$615.00	\$0.00	\$338,860.74
T&M SUBTOTAL					\$0.00
LUMP SUM SUBTOTAL					\$338,860.74
TOTAL COST					\$338,860.74

Paid vacations, holidays, sick leave and leaves of absence are included in the billing rates as CONSULTANT’S overhead and shall not be billed separately.

The Total Time and Materials payment for Task I including labor costs is \$0.00. Reimbursable Expenses for Task I and II services is \$0.00. The Total Lump Sum payment for Task I projects as described in **Exhibit “A-I-32”**, including labor costs is \$338,245.74. Lump Sum Expenses for Task I services are \$615.00. The Total for Labor and Expenses for Task I services shall be \$338,860.74.

If it necessary to increase the compensation beyond said allowances, prior to written approval shall be obtained from the COUNTY authorizing said increase in compensation.

TASK III MISCELLANEOUS AND ADMINISTRATIVE SERVICES FOR 2015:

For labor and expenses expended by CONSULTANT for Miscellaneous Services, COUNTY shall pay CONSULTANT the amounts as follows:

Task	Annual Lump Sum Labor Amount	Annual T&M Amount	Annual Lump Sum Expense	Annual Reimbursable Expense	Annual Total Cost
TASK III -001 Misc. Planning and Engineering Services	Annual Maximum Allowance			\$0.00	
TASK III -002 Misc. Financial Consulting and Capital Programming Services	Annual Maximum Allowance			\$0.00	
TASK III -003 Misc. Environmental Consulting Services	Annual Maximum Allowance			\$0.00	
TOTALS	\$0.00				

Paid vacations, holidays, sick leave and leaves of absence are included in the billing rates as CONSULTANT’S overhead and shall not be billed separately.

EXHIBIT "B-II"

SCHEDULE OF PAYMENTS

The Scope of Work to be completed by CONSULTANT as defined in Exhibit "A" consists of specific completion phases which shall be clearly identified on a 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 Payments:

PHASE 1

TASK I-14-PBI-C-032
Palm Beach County Dept. of Airports
Palm Beach International Airport
Emergency Generators Replacement
Design, Bidding and Construction Services

Completion Time: 375 Calendar Days
Compensation for Phase 1: \$338,860.74

See Exhibit A for list of deliverables.

PHASE 2

None.

PHASE 3

Task(s) to be Completed:

TASK III -001 Misc. Planning and Engineering Services
Completion Time: TBD Compensation for Phase 3: \$0.00

Deliverable(s) Required: As required in accordance with specific Task Authorizations.

TASK III -002 Misc. Financial Consulting and Capital Programming Services
Completion Time: TBD Compensation for Phase 3: \$0.00

Deliverable(s) Required: As required in accordance with specific Task Authorizations.

TASK III -003 Misc. Environmental Consulting Services
Completion Time: TBD Compensation for Phase 3: \$0.00

Deliverable(s) Required: As required in accordance with specific Task Authorizations.

* "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 "B"
AMENDMENT NO. 6
DETAILED FEES, EXPENSES AND PAYMENTS
TASK I-14-PBI-C-032
Palm Beach County Dept. of Airports
Palm Beach International Airport
Emergency Generators Replacement
Design, Bidding and Construction Services

Labor/Fee Estimate Summary (CH2M Hill) - Palm Beach International Airport - Emergency Generators Replacement

Billing Rate:	\$	250.97	\$	205.90	\$	161.02	\$	129.22	\$	106.22	\$	80.37	\$	78.64	\$	67.12
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Fee Estimate (\$)														
		Program Manager / Principal / Senior Consultant	Senior Technologist / Senior Project Manager	Project Manager / Design Manager / Task Leader	Project Engineer / Planner	Staff Engineer / Planner	Design Technician	Graphics Support / Administrative Manager	Admin.	Total	Labor	Expenses	Total	
Task Description														
Task I-14-PBI-C-032 - PBIA Emergency Generators Replacement														
1.0 Task Management		Total	0	0	60	0	32	0	32	72	196	\$ 20,409.36	\$ -	\$ 20,409.36
1.1 Task Management					0	16	0	24	48	128	\$ 13,249.44	\$ -	\$ 13,249.44	
1.2 Task Coordination (Subs, DOA, Other Consultants, etc.)					0	16	0	8	24	68	\$ 7,159.92	\$ -	\$ 7,159.92	
2.0 Meetings		Total	38	0	18	22	40	0	8	126	\$ 21,653.92	\$ 225.00	\$ 21,878.92	
2.1 Pre-Scoping / Site Visits			28	0	8	8	24	0	0	68	\$ 11,898.36	\$ 60.00	\$ 11,958.36	
2.2 Pre-Design / Project Kick-off			2	0	2	2	4	0	0	10	\$ 1,507.30	\$ 30.00	\$ 1,537.30	
2.3 60% Review			4	0	2	2	4	0	0	12	\$ 2,009.24	\$ 30.00	\$ 2,039.24	
2.4 100% Review			4	0	2	2	4	0	0	12	\$ 2,009.24	\$ 30.00	\$ 2,039.24	
2.5 Pre-Application Building Dept			0	0	0	2	2	0	2	6	\$ 605.12	\$ 15.00	\$ 620.12	
2.6 Pre-Application Fire Marshall			0	0	0	2	2	0	2	6	\$ 605.12	\$ 15.00	\$ 620.12	
2.7 Pre-Bid			0	0	2	2	0	0	2	6	\$ 714.72	\$ 15.00	\$ 729.72	
2.8 Pre-Construction			0	0	2	2	0	0	2	6	\$ 714.72	\$ 30.00	\$ 744.72	
3.0 Analysis, Research, Data Collection		Total	20	2	6	28	16	0	0	88	\$ 13,000.92	\$ -	\$ 13,000.92	
3.1 Existing Conditions			16	0	4	16	4	0	0	40	\$ 7,152.00	\$ -	\$ 7,152.00	
3.2 Equipment Inventory and Mapping			0	0	0	8	0	16	0	24	\$ 2,319.68	\$ -	\$ 2,319.68	
3.3 Code Compliance Review			4	2	2	4	12	0	0	24	\$ 3,529.24	\$ -	\$ 3,529.24	
4.0 Design Development (60%)		Total	40	22	38	120	154	74	0	20	468	\$ 59,841.42	\$ -	\$ 59,841.42
4.1 Drawings														
4.1 Civil / General			0	0	12	12	18	18	0	0	60	\$ 6,841.50	\$ -	\$ 6,841.50
4.1 Mechanical/Plumbing			4	0	0	64	0	0	0	0	68	\$ 9,273.96	\$ -	\$ 9,273.96
4.1 Architectural			0	4	0	0	60	24	0	0	88	\$ 9,125.68	\$ -	\$ 9,125.68
4.1 Structural			0	4	20	20	20	32	0	0	96	\$ 11,324.64	\$ -	\$ 11,324.64
4.2 Technical Specifications			4	2	2	16	32	0	0	20	76	\$ 8,546.68	\$ -	\$ 8,546.68
4.3 Cost Estimate			0	4	4	8	16	0	0	0	32	\$ 4,200.96	\$ -	\$ 4,200.96
4.4 QA/QC Review			32	8	0	0	0	0	0	0	48	\$ 10,528.00	\$ -	\$ 10,528.00
5.0 Final Plans (100%)		Total	40	18	30	108	72	56	0	20	344	\$ 46,022.32	\$ -	\$ 46,022.32
5.1 Drawings														
5.1 Civil / General			0	0	4	8	12	16	0	0	40	\$ 4,238.40	\$ -	\$ 4,238.40
5.1 Mechanical/Plumbing			4	0	0	40	0	0	0	0	44	\$ 6,172.68	\$ -	\$ 6,172.68
5.1 Architectural			0	2	0	0	40	18	0	0	60	\$ 6,107.26	\$ -	\$ 6,107.26
5.1 Structural			0	2	20	12	8	22	0	0	64	\$ 7,800.74	\$ -	\$ 7,800.74
5.2 Technical Specifications			4	2	2	32	0	0	0	20	60	\$ 7,215.16	\$ -	\$ 7,215.16
5.3 Cost Estimate			0	4	4	8	12	0	0	0	28	\$ 3,776.08	\$ -	\$ 3,776.08
5.4 QA/QC Review			32	8	0	8	0	0	0	0	48	\$ 10,712.00	\$ -	\$ 10,712.00
6.0 Bid and Award		Total	8	0	8	12	12	0	4	44	\$ 6,389.68	\$ -	\$ 6,389.68	
6.1 Review CM at Risk Cost Proposal			8	0	4	4	0	0	0	0	16	\$ 3,168.72	\$ -	\$ 3,168.72
6.2 RFIs (max 4 @ permit review, 10 @ bid phase)			0	0	4	8	12	0	4	28	\$ 3,220.96	\$ -	\$ 3,220.96	
7.0 Construction Administration		Total	18	0	20	100	104	36	0	16	296	\$ 35,806.22	\$ 390.00	\$ 36,196.22
7.1 Confirmed Construction Drawings and Specifications			0	0	0	0	16	0	0	0	16	\$ 1,699.52	\$ -	\$ 1,699.52
7.2 Bi-weekly Construction Progress Meetings (max 12)			0	0	4	12	8	0	0	24	\$ 3,044.48	\$ 180.00	\$ 3,224.48	
7.3 Shop Drawing Review			16	0	0	16	12	0	0	8	52	\$ 7,894.64	\$ -	\$ 7,894.64
7.4 RFIs (max 10 @ 2hrs/ea)			0	0	0	6	8	0	0	6	20	\$ 2,027.80	\$ -	\$ 2,027.80
7.5 Periodic Site Visits (12 @ 4hrs/ea)			0	0	8	24	16	0	0	0	48	\$ 6,068.96	\$ 180.00	\$ 6,268.96
7.6 Substantial and Final Completion Inspections			0	0	0	24	24	0	0	0	48	\$ 5,650.56	\$ 30.00	\$ 5,680.56
7.7 Record Drawings			0	0	0	16	16	36	0	0	68	\$ 6,660.36	\$ -	\$ 6,660.36
7.8 Project Closeout			2	0	8	2	4	0	0	4	20	\$ 2,741.90	\$ -	\$ 2,741.90
Total Lump Sum Fee - CH2M HILL, INC.														
		164	42	180	390	430	182	32	142	0	1,562	\$ 201,535.74	\$ 815.00	\$ 202,150.74
Total Subconsultant Lump Sum Fee - Hillers Electrical Engineering, Inc.														
LS		\$	136,710.00											
Total Lump Sum Fee - Emergency Generators Replacement														
		\$	338,860.74											

H E E

HILLERS' ELECTRICAL ENGINEERING, INC.

December 8, 2014 (Revised January 12, 2015)

Mr. Daniel Tompkins, P.E., P.M.
CH2M HILL, Inc.
3001 PGA Blvd., Suite 300
Palm Beach Gardens, FL. 33410

Subject: Electrical Engineering Design & Construction Services fee proposal for the Palm Beach County Department of Airports (DOA) PBI Terminal Emergency Power Systems Replacement Project: Includes the Replacement of (3) 1000kW 4160V Generator Units & Remote Roof Mounted Radiator Systems, Emergency Power Paralleling Switchgear / Control System and the Temporary Emergency Power Systems Design for the Demolition & Installation of New Equipment / Systems.

Dear Dan:

Pursuant to your request, Hillers Electrical Engineering, Inc. (HEE) is pleased to provide to CH2M HILL (CH) a fee proposal for the electrical design services for the PBC DOA PBI Terminal Emergency Power Systems Replacement Project.

- Includes design coordination meetings with DOA Departments, County Building & Fire Marshall Departments and CH2 Design Team.
- The electrical design shall be completed to meet National Electrical Code and Palm Beach County Codes / Standards.
- Includes on-site verifications utilizing the record drawings with assistance of the Airport Engineering / Maintenance Departments.
- Includes review of all available record drawings reflecting the existing emergency power electrical distribution system.
- Includes on site verifications with electrical equipment and generator manufacturers.
- Includes reviewing any data reflecting the future expansion of the terminal facility and possible impacts on new emergency standby electrical distribution systems.
- Includes testing the electrical characteristics for electrical emergency power distribution in the Terminal & Concourses. Electrical characteristics such as apparent power (kilo-volt amperes or kVA), amps, voltage and power factor will be monitored and recorded at the main standby power switchgear breakers serving the Terminal facilities. The collect data for each location will be presented in graphical form for display and analysis and will be included.
- Includes all electrical calculations.
- Includes extensive electrical demolition plans that will reflect required temporary power systems (equipment, cable & conduit systems, portable generators & etc.) during construction phases that will avoid any type of disruption to the Terminal

operations. Note: (there will be designed / planned / DOA approved short period disruptions to Terminal emergency power during night time periods.)

- Design new 1200Amp. rated, 4160Volts, 3-Phase paralleling switchgear / control emergency power distribution system that will facilitate (3) 1000kW new emergency standby power generators includes connections / modifications to existing main emergency electrical service equipment / systems, new power & control conduit & conductors systems, buss ducts, overcurrent protection equipment, surge protection / grounding systems.
- Design (3) new 1000kW 4160Volts, 3 Phase generators with connections to the new emergency 1200A paralleling switchgear / control equipment and distribution system, power & UPS control systems, new conduit & conductors systems, surge protection / grounding systems.
- Design electrical & control systems modifications for the replacement of (3) roof mounted radiators.
- Design control system modifications signals to be utilized by the DOA communications network.
- CH shall provide surveyed / base drawings on to HEE on AutoCAD 2013.
- CH shall provide all civil, structural, mechanical engineering tasks.
- HEE shall provide 1- electronic set of plans & specifications & costs estimates to CH for 30%, 60%, 90% 100% reviews, bid and permit phases.
- CH shall provide all additional printing of contract documents for DOA, Permitting Department and Contractors.
- Bid & Award phase includes review of Bidder's required electrical & generator systems submittals to be provided with Bid Documents at a 30% level to verify the contractor has a clear understanding of the specified systems.

Electrical Engineering Construction Services included for the PBI Terminal (3) Generators, Paralleling Switchgear / Control System Replacement Project. Our proposal is based on 160 days construction period. HEE assumes DOA is providing Full Time On-Site Services.

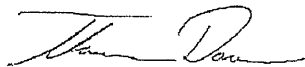
- Pre-Construction Conference & Site Walk-Thru: Attend one preconstruction conference and site walk thru. Recommend the agenda and prepare the meeting minutes to be submitted within seven calendar days of the meeting.
- Construction Progress Meeting: Attend all regularly scheduled Owner/Engineer/Contractor (OEC) progress meetings, date and times to be determined by DOA. Other staff will be available to attend additional meetings via phone as requested.
- Requests for Information: Review Contractor Requests for Information (RFI's) and respond as required to clarify the Contract Documents, including providing revised drawings or specifications if needed. In general, CH response time for RFI's shall not exceed seven (7) days.
- Submittals: Review contractor submittals (schedules, samples, product data, shop drawings, installation drawings, etc.) and provide review comments for same. In general, HEE response time for submittals shall not exceed (14) days.

- Change Orders: HEE will participate in the development, review, recommendation for approval, and processing of Change Orders and Amendments to the construction contract.
- On-site Meetings: HEE will attend meetings, both formal and informal, between the CH Team, DOA and the Contractor. Meetings will serve as forums to discuss a schedule and/or cost concerns, to resolve problems before they become critical. Meetings shall consist of the following:
 - A brief, daily MOT Coordination meeting will occur at the beginning of each nighttime work period to discuss the Contractor's proposed work area, scope of work to be accomplished, and any coordination required with DOA or its Airline tenants which may be affected by such.
 - A weekly Project Progress meeting which will occur during daytime work hours and be attended by the HEE.
 - Unscheduled, informal discussions with the Contractor and/or DOA staff as required during working hours.
 - Project Close-Out Meetings as listed below.
- Review Contractor's Schedule: DOA / CH / HEE will be responsible for reviewing the contractor's updated schedule to confirm accuracy of the work activities completed. Analysis of the contractor schedule will be on the basis of planned versus actual costs for the month and contract to date. A consolidated contract progress report will be developed.
- Review Contractor's Record Drawings: HEE will review the status of the Contractor's record drawings on site to verify that such are current and include all clarifications and revisions to the work.
- Inspections and Test Reports: HEE will receive and review the Contractor's required certificates of inspections, tests, and approvals within seven calendar days.
- Review Contractor's Applications for Payment: HEE will review Applications for Payment Submitted by the Contractor to DOA and will either agree to the amount requested or recommend a different Amount based on progress of the work, material stored on site, etc.
- Periodic Observation of Contractor's Work: HEE will observe both work in progress and completed work on a periodic site-visit (16 hours per week for 17 weeks). HEE will review Contractor's maintained records regarding quantity of work placed, documentation of construction operations and activities to verify that the work performed by the contractor is consistent with the project design intent and requirements of the Contract Documents.
- Project Close-Out: The HEE will participate in all project close-out visits, including punch list walk-throughs. The HEE will receive and log the Contractor's punch lists for substantial and final completion, verify that all punch list items are complete and all occupancy permits have been received by the Contractor in accordance with the Contract Documents. The HEE will receive all electrical required close-out documentation from the Contractor via DOA. When all close-out items and documentation are complete, and upon approval from CH project manager.

Our proposed Lump Sum fee for Design is:	\$ 69,760.
Our proposed Lump Sum fee for Bid & Award is:	\$ 4,340.
Our proposed Lump Sum fee for the Construction Services is:	<u>\$ 62,610.</u>
Grand Total	\$136,710.

(See attachment for breakdown)

Sincerely,



Thomas Doran, Vice-President

Palm Beach County Dept. Of Airports- PBI Terminal Emergency Power System Replacement (3) Generators, Switchgear, Control System HILLERS ELECTRICAL ENGINEERING, INC. SCOPE FEE SUMMARY FEE PROPOSAL ELECTRICAL DESIGN to CH 12-8-14 (Revsied 01-12-15)									
	Rate	\$130.00	\$120.00	\$105.00	\$85.00		\$55.00		
	Proj. Mgr.	Prof. Eng.	Proj. Eng.	CADD/Tech		Clerical	Total		TOTAL
PHASE OF WORK	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Expenses	TASK COST
Design Contract Bid Documents / Bid & Award									
Dsgn Mtgs DOA, PBC Departments, CH	4	24	24			4	56		\$6,140.00
Review Existing Record Drawings		4	4			1	9		\$955.00
On-site verifications Electrical Equipment / Systems		8	16			1	25		\$2,695.00
Electrical Testing & Calculations		8	12			1	21		\$2,275.00
Demolition & Temporary Power Systems Plans	8	40	64	40		8	160		\$16,400.00
Electrical, Switchgear, Generator Systems Plans	16	64	120	56		8	264		\$27,560.00
Installation Details & Equipment Plan Layout		8	16	16		1	41		\$4,055.00
Specifications / Bid Items / Costs Estimates	8	40	24			24	96		\$9,680.00
Bid & Award	4	16	16			4	40		\$4,340.00
Subtotal	40	212	296	112	0	52	712		\$74,100.00
Construction Services									
Construction Coordination Meetings DOA, Contractor	2	18	18			4	42		\$4,530.00
Shop Drawings Reviews & Approvals	4	60	24			4	92		\$10,460.00
RFI - Responses	2	8	8	8		2	28		\$2,850.00
Periodic Site Visits (16 hrs per week for 22 weeks)	12	163	163			22	360		\$39,445.00
Preliminary & Final Inspections	4	16	8			4	32		\$3,500.00
Record Drawings	1	8		8		1	18		\$1,825.00
							0		\$0.00
							0		\$0.00
Subtotal	25	273	221	16	0	37	572		\$62,610.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
									\$0.00
Subtotal	0	0	0	0	0	0	0		\$0.00
Grand Total Hours	65	485	517	128	0	89	1284		\$136,710.00
Grand Total Labor Cost	\$8,450.00	\$58,200.00	\$54,285.00	\$10,880.00	\$0.00	\$4,895.00			\$136,710.00

EXHIBIT "C"
AMENDMENT NO. 6
PROPOSED SCHEDULES

PALM BEACH COUNTY GENERAL CONSULTING SERVICES

EXHIBIT C

Proposed Schedules

TASK I-14-PBI-C-032

Palm Beach County Dept. of Airports
Palm Beach International Airport
Emergency Generators Replacement
Design, Bidding and Construction Services

Completion Time: 375 Calendar Days

EXHIBIT "D"

AMENDMENT NO. 6

DBE

SCHEDULE 1 - PARTICIPATION BY DBE

SCHEDULE 2 - LETTERS OF INTENT

SCHEDULE 1(A)
LIST OF PROPOSED DBE FIRMS
(Professional Services)

LOI/SOQ Project Description: Palm Beach County Dept. of Airports General Consulting Services Contract

Name of Respondent: CH2M Hill, Inc.

Change Order/Task/Amendment No. (if applicable): Amendment No. 6

Contact Person: Daniel Tompkins, P.E.

E-mail Address: dtompkin@ch2m.com

Address: 3001 PGA Boulevard, Suite 300, Palm Beach Gardens, FL 33410 Phone No.: 561.904.7510 Fax No.: 561.904.7401

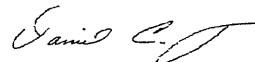
Name, Address & Phone No. of DBE Firm	Description of Type of Work	Classification (Check applicable box)	Percentage of DBE Participation			
			Black	Hispanic	Women	Other (Please Specify)
Hillers Electrical Engineering, Inc. 23257 State Rd 7, Suite 100 Boca Raton, FL 33428 Ph: 561-451-9165	Electrical Design	<input type="checkbox"/> Prime Consultant <input checked="" type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ 40.34%	_____ %	_____ %
		<input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ %	_____ %	_____ %
		<input type="checkbox"/> Prime Consultant <input type="checkbox"/> Subcontractor <input type="checkbox"/> Supplier <input type="checkbox"/> Manufacturer	_____ %	_____ %	_____ %	_____ %

Total Percentage of DBE Participation: 40.34%

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 Biznet website at <https://www3.dot.state.fl.us/EqualOpportunityOffice/biznet/mainmenu.asp>.
- 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 to ensure that the work is actually performed by the by the DBE Firms.

By: 
Signature

Date: 1/12/2015

Daniel Tompkins – Project Manager
Print Name/Title of Person Executing on Behalf of the Respondent

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

LOI/SOQ Project Description: Palm Beach County Department of Airports – General Consulting Services

Change Order/Task /Amendment No. (if applicable): Amendment No. 6

Name of Prime Respondent: CH2M Hill

Name of DBE Firm: Hillers Electrical Engineering, Inc.

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

- ☐ Black ☒ Hispanic ☐ Women ☐ Other (Please Specify) _____
☐ Prime Consultant ☐ Subcontractor ☐ Manufacturer ☐ Supplier

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

Electrical Engineering

(Additional Sheets may be used as necessary.)

Total Percentage of Participation by DBE Firm for this Project: 40.34 %

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

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

N/A 0 % ☐ DBE Certified
(Name of Subcontractor) (Percentage of work to be subcontracted) ☐ Non-DBE

The undersigned affirms that it has the resources necessary to perform the work described above without subcontracting the work to another subcontractor, except as noted above.

Hillers Electrical Engineering, Inc.
Printed Name of DBE Subcontractor

By: [Signature]
Signature

Date: 1-12-15