

**BEAUFORT COUNTY AIRPORT  
LADY'S ISLAND, SOUTH CAROLINA  
WORK AUTHORIZATION 18-05  
August 10, 2018  
PROJECT NO.: TBI NO. 2119-1805**

It is agreed to undertake the following work in accordance with the provisions of our Contract for Professional Services.

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**Description of Work Authorized:** This project will include the construction administration, full time Resident Project Representative (RPR) services, and Quality Acceptance Testing for the rehabilitation of lighting systems at the Beaufort County Airport. The system has become increasingly difficult to maintain operational due to the inundation from Hurricane Matthew and needs to be replaced.

The construction phase services for this project includes coordination with the Owner for award of the construction contract, preparation and distribution of contract documents and Released For Construction plans and specifications to the Contractor, follow up with FAA on approval of 7460, coordinating and conducting the Preconstruction Conference and preparation of minutes, review of project schedule submitted by Contractor, coordination and review of Contractor submittals, Construction visits/Progress Meetings outlines and meeting minutes, review field change requests and related correspondence, prepare and distribute general construction correspondence throughout the project, review quality acceptance test results, review and process Contractor pay requests, conduct a Final Inspection and prepare/distribute punch list items letter, develop record drawings, assist Beaufort County with Grant Closeout and prepare Grant closeout paperwork.

**BASIC SERVICES**

**CONSTRUCTION PHASE:**

The construction phase services for this project includes coordination with the Owner for award of the construction contract, preparation and distribution of contract documents and Released For Construction plans and specifications to the Contractor, follow up with FAA on approval of 7460, coordinating and conducting the Preconstruction Conference and preparation of minutes, review of project schedule submitted by Contractor, coordination and review of Contractor submittals, Construction visits/Progress Meetings outlines and meeting minutes, review field change requests and related correspondence, prepare and distribute general construction correspondence throughout the project, review quality acceptance test results, review and process Contractor pay requests, conduct a Final Inspection and prepare/distribute punch list items letter, develop record drawings, assist Beaufort County with Grant Closeout and prepare Grant closeout paperwork.

The intended deliverables for this submittal shall include:

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- PDF versions of record drawing plan sheets and technical specifications.
- PDF version of final Engineer's Report

### SPECIAL SERVICES

#### Task 1 – Full-Time Resident Project Representative (RPR)

A full-time resident project representative will be provided to observe the construction and other responsibilities.

#### Task 2 – Quality Assurance Testing

Quality assurance and acceptance testing required by the project specifications for this project will be provided. Reports of the tests performed will be provided, along with a summary of all tests performed at project closeout.

**E-Verify Requirement.** The Engineer shall comply with the requirements of the "South Carolina Illegal Immigration and Reform Act". Further, if the Engineer utilizes a subcontractor, the Engineer shall require the subcontractor to comply with the requirements of the "South Carolina Illegal Immigration and Reform Act".

**Iran Divestment Act Certification.** The Contractor shall comply with the requirements of N.C.G.S. 147-86.59. The Contractor certifies that, as of the date of this contract, it is not listed on the Final Divestment List created by the State Treasurer pursuant to N.C.G.S. 147-86.58. Further, the Contractor shall not utilize any subcontractor found on the State Treasurer's Final Divestment List.

**Estimated Time Schedule:** Work shall be completed in accordance with the schedule established and agreed upon by the Owner and Engineer.

**Cost of Services:** The method of payment shall be in accordance with Article 6 of the contract. The work shall be performed in accordance with the Master Contract as a lump sum of **\$29,936.00** including expenses. Special services shall be performed on a not to exceed basis with a budget of **\$129,380.00**, which includes reimbursable expenses. For a total of **\$159,316.00**.

**Agreed as to Scope of Services, Time Schedule and Budget:**

**APPROVED:**  
BEAUFORT COUNTY

James J. Heavey  
Beaufort County Administrator  
Title

10-09-2018  
Date:

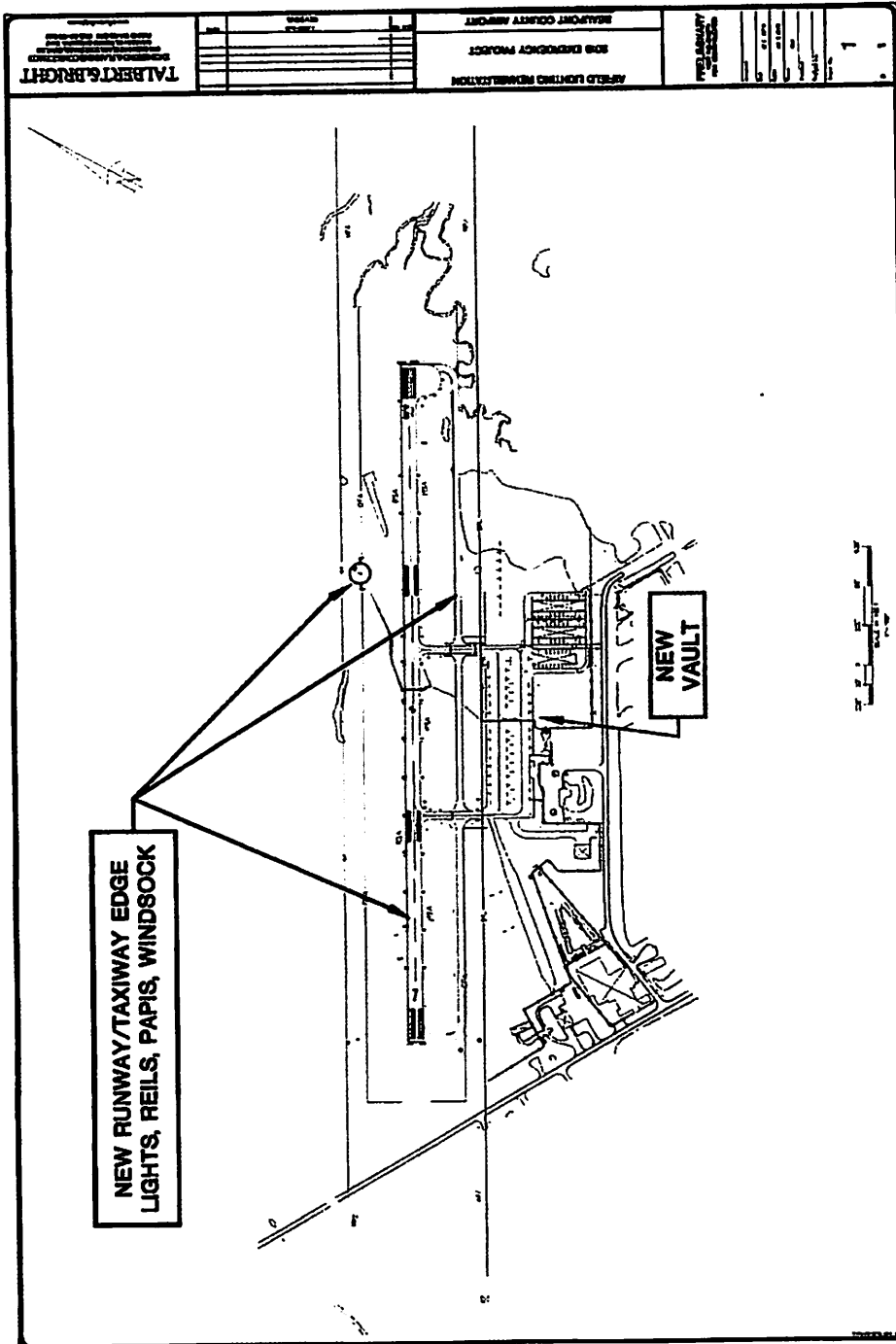
Cheryl Harris  
Witness:

**APPROVED:**  
TALBERT, BRIGHT & ELLINGTON,  
INC.

[Signature]  
Vice President  
Title:

8/30/19  
Date:

[Signature]  
Witness:



TALBERT, BRIGHT & ELLINGTON, INC.		AIRFIELD LIGHTING REVISIONS		PROJECT NO. 2119-1805		SHEET NO. 1	
DESIGNED BY: _____		CHECKED BY: _____		DATE: _____		SCALE: _____	
DRAWN BY: _____		APPROVED BY: _____		PROJECT: _____		SHEET: _____	

Talbert, Bright & Ellington, Inc.

Work Authorization 2119-1805

**SUMMARY OF FEES  
 AIRFIELD LIGHTING REPLACEMENT  
 CONSTRUCTION PHASE  
 BEAUFORT COUNTY AIRPORT  
 BEAUFORT, SOUTH CAROLINA  
 THE PROJECT NO 2119-1805  
 FAA IDENTIFIER TBD**

June 29, 2018

DESCRIPTION	ESTIMATED
<b>BASIC SERVICES</b>	
PROJECT FORMULATION/DEVELOPMENT PHASE (01)	\$ -
DESIGN PHASE (04)	\$ -
BIDDING PHASE (05)	\$ -
CONSTRUCTION ADMINISTRATION PHASE (06)	\$ 25,496 (00)
SUBTOTAL	\$ 25,496 (00)
EXPENSES	\$ 3,000 (00)
SUBCONSULTANTS	\$ 43,700 (00)
INSPECTION - RESIDENT PROJECT REPRESENTATIVE	\$ 85,680 (00)
TOTAL	\$ 158,476 (00)

**MANHOOR ESTIMATE  
AIRFIELD ELECTRICAL REHABILITATION  
CONSTRUCTION PHASE  
BEAUFORT COUNTY AIRPORT  
BEAUFORT, SOUTH CAROLINA  
TBE PROJECT NO 2119-1805  
FAA IDENTIFIER TBD**

June 29, 2018

**CONSTRUCTION ADMINISTRATION PHASE (06)**

DESCRIPTION	PRDN	PM	SP	E5	E4	EC	E1	T-4	T3	AD4	AD3
	1 184	2 172	3 139	4 156	5 115	6 84	7 74	8 82	9 69	10 68	11 55
Prepare contract docs and EPC plan	0	2	0	2	0	0	0	0	0	0	0
Coordinate award of contract	0	2	0	0	0	0	0	0	0	0	0
Coordinate/conduct pre-con conf	0	10	0	0	0	0	0	0	0	0	0
Preconstruction minutes	0	1	0	0	0	0	0	0	0	0	0
Coordinate/review project schedules	1	0	0	0	0	0	0	0	0	0	0
Coordinate/review submittals	0	5	0	0	0	0	0	0	0	0	0
Construction visits / meetings	8	40	0	0	0	0	0	0	0	0	0
Site Visit/Meeting Minutes	0	12	0	0	0	0	0	0	0	0	0
Review/coordinate field changes	0	4	0	4	0	0	0	0	0	0	0
Construction correspondence	0	10	0	0	0	0	0	0	0	0	0
Review test results	0	6	0	0	0	0	0	0	0	0	0
Process Pay Requests	0	8	0	0	0	0	0	0	0	0	0
Final inspection/Punchlist	0	10	0	0	0	0	0	0	0	0	0
Develop record drawings	0	2	0	4	0	0	0	0	0	0	0
<b>MANHOOR TOTAL</b>	<b>11</b>	<b>125</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**DIRECT LABOR EXPENSES**

CLASSIFICATION		BILL RATE	EST MHRS	EST COST
Principal	PRDN	\$	184	11 \$ 2,024
Project Manager	PM	\$	172	125 \$ 21,500
Senior Planner	SP	\$	139	0 \$ -
Engineer V	E5	\$	156	10 \$ 1,360
Engineer IV	E4	\$	115	0 \$ -
Engineer III	E3	\$	84	0 \$ -
Engineer I	E1	\$	74	0 \$ -
Technician IV	T-4	\$	82	0 \$ -
Technician III	T3	\$	69	0 \$ -
Admin Assistant IV	AD4	\$	68	0 \$ 612
Admin Assistant III	AD3	\$	55	0 \$ -
			<b>Total</b>	<b>155</b>
<b>SUBTOTAL</b>				<b>\$ 23,499.00</b>

**DIRECT EXPENSES**

EXPENSE DESCRIPTION	UNIT	UNIT RATE	EST UNITS	EST COST
Telephone	LS		1	\$ -
Postage	LS		1	\$ -
Copying	LS		500	\$ 500.00
Reproduction-Plat for Const	LS		500	\$ 500.00
Reproduction-As Built	LS		200	\$ 200.00
Miscellaneous expenses: (prints, faxes, copies)	LS		1	\$ -
Travel	LS		2,400	\$ 2,400.00
<b>SUBTOTAL</b>				<b>\$ 3,600.00</b>

**SCOPE OF SUB-CONTRACTED SERVICES**

EXPENSE DESCRIPTION	UNIT	UNIT RATE	EST UNITS	EST COST
Sub-Consultant - Change Group	NTE	\$25,450.00	1	\$ 25,450.00
Record Survey/Sight PAFI	LS	\$17,250.00	1	\$ 17,250.00
<b>SUBTOTAL</b>				<b>\$ 42,700.00</b>

**TOTAL CONSTRUCTION ADMIN. COST: \$ 72,796.00**

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**MANHOUR ESTIMATE**  
**AIRFIELD ELECTRICAL REHABILITATION**  
**CONSTRUCTION PHASE**  
**BEAUFORT COUNTY AIRPORT**  
**BEAUFORT, SOUTH CAROLINA**  
**TBE PROJECT NO: 2119-1805**  
**FAA IDENTIFIER: TBD**

June 29, 2018

**RESIDENT PROJECT REPRESENTATIVE (PHASE 51)**  
**CALENDAR DAYS 90**

DESCRIPTION	RPR
	\$ 80
Project review/Preconstruction Conference	\$
Site mobilization	2
On site inspection	720
Final inspection	8
Follow up inspection	100
Site demobilization	2
<b>MANHOUR TOTAL</b>	<b>840</b>

**DIRECT LABOR EXPENSES:**

CLASSIFICATION		BILL	EST.	EST.
		RATE	MHRS	COST
RESIDENT ENGINEER	RPR	\$ 80	\$40	\$ 67,200
		Total	840	
<b>SUBTOTAL</b>				<b>\$ 67,200.00</b>

**DIRECT EXPENSES:**

EXPENSE DESCRIPTION	UNIT	UNIT	EST.	EST.
		RATE	UNITS	COST
Telephone	LS	\$ -	1	\$ -
Postage	LS	\$ -	1	\$ -
Miscellaneous expenses (prints, faxes, copies)	LS	\$ -	1	\$ -
Travel	LS	\$ -	1	\$ -
<b>SUBTOTAL</b>				<b>\$ -</b>

**PER DIEM:**

EXPENSE DESCRIPTION	UNIT	UNIT	EST.	EST.
		RATE	UNITS	COST
DAILY PER DIEM	PD	\$ 220	84	\$ 18,480
		Total	84	
<b>SUBTOTAL</b>				<b>\$ 18,480.00</b>

**TOTAL INSPECTION COST: \$ 85,680.00**

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