





AGENDA
AIRPORTS BOARD
Monday, October 31, 2016
1:30 p.m.
Town of Hilton Head
Council Chambers

- 1. CALL TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. MOTION TO ACCEPT October 31, 2016 AGENDA
- 4. PUBLIC COMMENT Limited to Three Minutes Each Person
- 5. DIRECTOR'S REPORT Jon Rembold
- 6. NEW BUSINESS
  - Recommendation of Contract Award RWY 21 Extension/West Side Drainage Improvements (backup)
  - Recommendation to Approve TBE Work Authorization Construction Phase Svcs (backup)
  - Recommendation to Approve TBE Work Authorization Property Acquisition Svcs (backup)
  - Recommendation of Contract Award ARW Project Arborist (backup)
- 7. UNFINISHED BUSINESS:
- 8. PUBLIC COMMENT Limited to Three Minutes Each Person
- 9. FUTURE MEETINGS

Airports Board: The next meeting will be held on November 17, 2016 at 1:30 PM Location TBA.

10. ADJOURNMENT









### COUNTY COUNCIL OF BEAUFORT COUNTY PURCHASING DEPARTMENT

106 Industrial Village Road Post Office Drawer 1228 Beaufort, South Carolina 29901-1228

TO: Councilman Jerry Stewart, Chairman, Finance Committee

FROM: Dave Thomas, CPPO, Purchasing Director

SUBJ: Contract Award Recommendation for IFB# 071416HXD: Runway 21 Extension and Taxiway F

**Infield Drainage Improvements** 

DATE: October 17, 2016

BACKGROUND: Beaufort County issued an Invitation to Bid (IFB) to contractors capable of providing the requisite services associated with the extension of Runway 21 and improvements to the drainage system that parallels Taxiway F. This project is being executed in accordance with the Hilton Head Island Airport Master Plan Phase I Implementation as directed by Beaufort County and Town of Hilton Head Councils in 2010.

Bids were received and reviewed by airport staff and consultants and it was determined that Quality Enterprises USA, Inc., was the lowest responsible/responsive bidder.

### **VENDOR INFORMATION:**

Quality Enterprises USA, Inc. Chesapeake, VA

(sole bidder)

### CONSTRUCTION ADMIN, RESIDENT PROJECT REPRESENTATIVE:

Talbert, Bright, and Ellington, Charlotte, NC

\$1,063,605

(Construction Admin, Quality Control, Resident Project representative, 18-B As-Built Survey)

Total: \$11,427,924

FUNDING: 90% via FAA AIP Grant 39, 5% through SCAC Grant (pending), and 5% via Hilton Head Island Airport Capital Projects Fund.

**FOR ACTION:** Finance Committee meeting occurring November 7, 2016.

**RECOMMENDATION:** The Finance Committee approve and recommend to County Council the contract award to Quality Enterprises USA, Inc., to perform the required construction services for a total cost of \$10,364,389 and the construction administration fee of \$1,063,605 to Talbert, Bright, and Ellington.

Gary Kubic, County Administrator cc:

Joshua Gruber, Deputy County Administrator/Special Counsel

Alicia Holland, Asst. County Administrator, Finance Colin Kinton, Director, Transportation Engineering

Jon Rembold, Airports Director

Att: Bid Tab

BASE	DID.				QUALITY ENTERPRISES USA, INC. CHESAPEAKE, VA LICENSE NO.: 97783			gineer's timate
ITEM	SPEC			_	LICENSE	NO.: 97/83	- 1	10
NO.	NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	GP105	MOBILIZATION	1	LS	\$693,000.00	\$693,000.00	\$800,000.00	\$800,000.00
2	02374	TEMPORARY CONSTRUCTION ENTRANCE	1	EA	\$2,100.00	\$2,100.00	\$3,000.00	\$3,000.00
3	02374	TEMPORARY SILT FENCE	3,055	LF.	\$3.50	\$10,692.50	\$4.00	\$12,220.00
4	02374	TEMPORARY SEDIMENT BASIN WITH SKIMMER	2	EA	\$12,185.00	\$24,370.00	\$16,000.00	\$32,000.00
5	02374	TYPE 'A' INLET PROTECTION	4	EA	\$190.00	\$760.00	\$500.00	\$2,000.00
6	02374	TEMPORARY WOOD RISER INLET PROTECTION	2	EA	\$1,190.00	\$2,380.00	\$500.00	\$1,000.00
7	02374	TEMPORARY DIVERSION SWALE	570	LF	\$6.00	\$3,420.00	\$5.00	\$2,850.00
-8	02374	RIP RAP, CLASS B	225	SY	\$90.00	\$20,250.00	\$95.00	\$21,375.00
9	02374	TEMPORARY TURBIDITY CURTAIN	1	EA	\$1,300.00	\$1,300.00	\$2,000.00	\$2,000.00
10	P-151	CLEARING AND GRUBBING	1.5	AC	\$9,500.00	\$14,250.00	\$4,000.00	\$6,000.00
11	REP	REMOVE EXISTING BITUMINOUS PAVEMENT, FULL DEPTH (AIRFIELD)	110	SY	\$10.00	\$1,100.00	\$25.00	\$2,750.00
9		REMOVE EXISTING BITUMINOUS PAVEMENT, FULL DEPTH (NON-			8		85	
12	REP	AIRFIELD)	2,275	SY	\$6.00	\$13,650.00	\$10.00	\$22,750.00
13	P-160	BITUMINOUS PAVEMENT MILLING (4-INCH DEPTH)	39	SY	\$60.00	\$2,340.00	\$50.00	\$1,950.00
14	RPS	REMOVE EXISTING BUILDING #1	1	LS	\$175,000.00	\$175,000.00	\$200,000.00	\$200,000.00
15	RPS	REMOVE EXISTING BUILDING #2	1	LS	\$17,800.00	\$17,800.00	\$2,500.00	\$2,500.00
16	RPS	REMOVE EXISTING TRIPLE PIPE HEADWALL	1	EA	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00
17	RPS	REMOVE EXISTING 18-INCH CORRUGATED PLASTIC PIPE	26	LF	\$25.00	\$650.00	\$15.00	\$390.00
18	RPS	REMOVE EXISTING 24-INCH CORRUGATED PLASTIC PIPE	42	LF	\$25.00	\$1,050.00	\$15.00	\$630.00
19	RPS	REMOVE EXISTING SANITARY SEWER LINE (GRAVITY)	464	LF	\$18.00	\$8,352.00	\$10.00	\$4,640.00
20	RPS	REMOVE EXISTING SANITARY SEWER MANHOLE	1	EA	\$800.00	\$800.00	\$1,000.00	\$1,000.00
21	RPS	REMOVE EXISITING SANITARY SEWER LINE (FORCE MAIN)	1,021	LF	\$11.75	\$11,996.75	\$10.00	\$10,210.00
22	RPS	REMOVE EXISTING SANITARY SEWER RELIEF VALVE VAULT	1	EA	\$800.00	\$800.00	\$2,000.00	\$2,000.00
23	P-152	UNCLASSIFIED EXCAVATION	65,000	CY	\$10.00	\$650,000.00	\$12.00	\$780,000.00
24	P-152	UNSUITABLE EXCAVATION	4,000	CY	\$15.50	\$62,000.00	\$20.00	\$80,000.00
25	P-304	6-INCH THICK CEMENT-TREATED BASE COURSE	25,550	SY	\$26.00	\$664,300.00	\$25.00	\$638,750.00
26	P-304	PORTLAND CEMENT	650	TON	\$190.00	\$123,500.00	\$180.00	\$117,000.00
27	P-401	BITUMINOUS CONCRETE SURFACE COURSE	6,250	TON	\$153.25	\$957,812.50	\$150.00	\$937,500.00
28	P-602	BITUMINOUS PRIME COAT	7,500	GAL	\$6.35	\$47,625.00	\$5.00	\$37,500.00
29	P-603	BITUMINOUS TACK COAT	2,500	GAL	\$2.85	\$7,125.00	\$3.00	\$7,500.00
30	P-620	REMOVE EXISTING PAVEMENT MARKING	42,000	SF	\$1.55	\$65,100.00	\$4.00	\$168,000.00
31	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION WHITE)	10,800	SF	\$1.30	\$14,040.00	\$2.00	\$21,600.00
32	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION YELLOW)	3,000	SF	\$1.40	\$4,200.00	\$2.00	\$6,000.00
33	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED BLACK)	13,550	SF	\$1.00	\$13,550.00	\$1.00	\$13,550.00
34	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED RED)	1,425	SF	\$2.10	\$2,992.50	\$5.00	\$7,125.00
35	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED GREEN)	6,000	SF	\$0.90	\$5,400.00	\$4.00	\$24,000.00
		AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED AVIATION						
36	P-620	YELLOW APPLIED AT HALF RATE)	3,200	SF	\$0.80	\$2,560.00	\$1.50	\$4,800.00
37	D-701	24* REINFORCED CONCRETE PIPE, CLASS III	252	LF	\$103.00	\$25,956.00	\$110.00	\$27,720.00
38	D-701	30" REINFORCED CONCRETE PIPE, CLASS III	815	LF	\$140.00	\$114,100.00	\$180.00	\$146,700.00
39	D-701	48" REINFORCED CONCRETE PIPE, CLASS III	860	LF	\$285.00	\$245,100.00	\$280.00	\$240,800.00
40	D-701	54* REINFORCED CONCRETE PIPE, CLASS III	478	LF	\$355.00	\$169,690.00	\$350.00	\$167,300.00

BID TABULATION SCHEDULE A - RUNWAY 21 EXTENSION HILTON HEAD ISLAND AIRPORT TBE PROJECT NO. 2119-1006 AUGUST 18, 2016

BASE E	BID		QUALITY ENTERPRISES USA, INC. CHESAPEAKE, VA LICENSE NO.: 97783		Engineer's Estimate			
TEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
41		PAVEMENT EDGE STRIP DRAIN	4.250	LF	\$8.50	\$36,125.00	\$16.00	\$68,000.00
42	D-705	6-INCH PVC SUBGRADE UNDERDRAIN PIPE, SCHEDULE 80	2.375	LF	\$36.00	\$85,500.00	\$25.00	\$59,375.00
43	D-705	4-INCH PVC STRIP DRAIN COLLECT OR PIPE, SCHEDULE 80	1,335	LF	\$30.00	\$40,050.00	\$20.00	\$26,700.00
44		6-INCH PVC SUBGRADE UNDERDRAIN COLLECTOR PIPE, SCHEDULE 80	475	LF	\$36.00	\$17,100.00	\$25.00	\$11,875.00
45		4-INCH STRIP DRAIN CLEANOUT	11	EA	\$1,235.00	\$13,585.00	\$650.00	\$7,150.00
46	D-705	6-INCH SUBGRADE UNDERDRAIN CLEANOUT	4	EA	\$1,400.00	\$5,600.00	\$750.00	\$3,000.00
47	D-751	4' X 4' STORM DRAIN GRATE INLET	5	EA	\$4,100.00	\$20,500.00	\$3,800.00	\$19,000.00
48		5' X 5' STORM DRAIN JUNCTION BOX	1	EA	\$17,900.00	\$17,900.00	\$5,000.00	\$5,000.00
49		8' X 24' STORM DRAIN JUNCTION BOX	1	EA	\$46,000.00	\$46,000.00	\$40,000.00	\$40,000.00
50	D-751	LOWER EXISTING STORM DRAIN JUNCTION BOX	1	EA	\$2,100.00	\$2,100.00	\$2,500.00	\$2,500.00
51	D-752	CONCRETE PIPE COLLAR	3	EA	\$1,600.00	\$4,800.00	\$2,000.00	\$6,000.00
52	D-752	TRIPLE PIPE CONCRETE HEADWALL	1	EA	\$33,500.00	\$33,500.00	\$15,000.00	\$15,000.00
53.		REMOVE EXISTING FENCE	1,365	LF	\$9.00	\$12,285.00	\$15.00	\$20,475.00
54		6-FOOT HIGH CHAIN LINK FENCE WITH 3 STRANDS BARBED WIRE	1.460	LF	\$34.00	\$49,640.00	\$26.00	\$37,960.00
55		REMOVE EXISTING GUIDANCE SIGN AND BASE	1	EA	\$710.00	\$710.00	\$1,500.00	\$1,500.00
56		REMOVE EXISTING GUIDANCE SIGN BASE	2	EA	\$595.00	\$1,190.00	\$500.00	\$1,000.00
57		REMOVE EXISTING TAXIWAY EDGE LIGHT	31	EA	\$150.00	\$4,650.00	\$75.00	\$2,325.00
58		REMOVE EXISTING RUNWAY EDGE LIGHT	20	EA	\$180.00	\$3,600.00	\$100.00	\$2,000.00
59	L-105	REMOVE EXISTING RUNWAY THRESHOLD LIGHT	16	EA	\$215.00	\$3,440.00	\$100.00	\$1,600.00
60		REMOVE EXISITING 4-UNIT PAPI, COMPLETE	1	LS	\$3,550.00	\$3,550.00	\$2,000.00	\$2,000.00
61	L-108	CABLE TRENCH	14.875	LF	\$2.00	\$29,750.00	\$2.00	\$29,750.00
62		L-824 1/C. #8. 5kV. TYPE "C" CABLE	17,280	LF	\$1.55	\$26,784.00	\$1.25	\$21,600.00
-	2.100	1/C, #6 BARE COPPER COUNTERPOISE, INCLUDING GROUND RODS AND	17,200	-	91.00	420,101.00	41.20	42 1,000.00
63	L-108	GROUND CONNECTORS	14.875	1.F	\$2.10	\$31,237.50	\$1.50	\$22,312.50
64		2-INCH, SCHEDULE 40 PVC CONDUIT IN GRASSED AREAS	14,615	LF	\$3.40	\$49,691.00	\$4.00	\$58,460.00
65		2-INCH: SCHEDULE 40 PVC CONDUIT ENCASED IN CONCRETE	260	LF	\$30.00	\$7,800.00	\$4.00	\$1,040.00
66	L-110	4-INCH, 4-WAY CONCRETE ENCASED UNDERGROUND DUCT	1,275	LF	\$65.00	\$82,875.00	\$75.00	\$95,625.00
00	C-110	L-861T BASE MOUNTED MEDIUM INTENSITY TAXIWAY EDGE LIGHT - LED	1,210	LF	305.00	302,673.00	\$75.00	495,025.00
67	L-125	LAMP	108	EA	\$900.00	\$97,200.00	\$800,00	\$86,400.00
01	F-150	L-862 BASE MOUNTED MEDIUM INTENSITY LED RUNWAY EDGE LIGHT -	100	LA	4900.00	497,200.00	2000,00	300,400.00
68	L-125	YELLOW/CLEAR LENS	20	EA	\$1,900.00	\$38,000.00	\$2,000.00	\$40,000.00
00	E-120	L-862 BASE MOUNTED MEDIUM INTENSITY LED RUNWAY EDGE LIGHT -	20	LA	\$1,300.00	330,000.00	92,000.00	340,000.00
69	L-125	YELLOW/RED LENS	2	EA	\$2,135.00	\$4,270.00	\$2,000,00	\$4,000.00
03	F-150	L-862E BASE MOUNTED MEDIUM INTENSITY LED RUNWAY THRESHOLD		EA	\$2,100.00	94,270.00	\$2,000.00	94,000.00
70	L-125	LIGHT - RED/OBSCURED LENS	8	EA	\$2,000.00	\$16,000.00	\$2,000,00	\$16,000.00
70	L-120	L-862E BASE MOUNTED MEDIUM INTENSITY LED RUNWAY THRESHOLD	0	EA	\$2,000.00	\$10,000.00	\$2,000.00	\$16,000.00
71	L-125	LIGHT - RED/RED LENS	8	EA	\$2,000.00	\$16,000.00	\$2,000.00	\$16,000.00
7.1	L-120	FED IN-PAVEMENT MEDIUM INTENSITY LED RUNWAY THRESHOLD LIGHT		EA	\$2,000.00	\$10,000.00	az,000.00	310,000.00
72	L-125	- OBSCURED/GREEN LENS. STYLE 3. LOW PROFILE	6	EA	\$2,000.00	\$12,000,00	\$2,000.00	\$12,000,00
16	F-150	FED IN-PAVEMENT MEDIUM INTENSITY LED RUNWAY THRESHOLD LIGHT	0	EA	\$2,000.00	\$12,000.00	\$2,000,00	\$12,000.00
73	L-125	- YELLOW/GREEN LENS. STYLE 3. LOW PROFILE	2	EA	\$3,000.00	86 000 00	\$2,000.00	\$4,000.00
74		ELECTRICAL MANHOLE	22	EA	\$8,500.00	\$6,000.00 \$187,000.00	\$8,000.00	\$176,000.00

BID TABULATION SCHEDULE A - RUNWAY 21 EXTENSION HILTON HEAD ISLAND AIRPORT TBE PROJECT INO. 2119-1006 AUGUST 18, 2016

BASE BID			CHESA	RPRISES USA, INC. PEAKE, VA : NO.: 97783	Engineer"s Estimate			
TEM NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
75	L-125	RELOCATE EXISTING AIRFIELD GUIDANCE SIGN WITH NEW CONCRETE PAD	2	EA	\$3,000.00	\$6,000.00	\$4,800.00	\$9,600.00
76	L-125	REPLACE EXISTING AIRFIELD GUIDANCE SIGN PANEL WITH NEW PANEL	2	EA	\$1,780.00	\$3,560.00	\$4,800.00	\$9,600.00
77	L-125	L-858, SIZE 1, STYLE 2, CLASS 2, AIRFIELD GUIDANCE SIGN (3 - 4 CHARACTERS)	10	EA	\$5,225.00	\$52,250.00	\$6,500.00	\$65,000.00
78	L-125	L-858, SIZE 1, STYLE 2, CLASS 2, AIRFIELD GUIDANCE SIGN (5 - 6 CHARACTERS)	3	EA	\$7,000.00	\$21,000.00	\$7,000.00	\$21,000.00
79	L-125	L-880 4-UNIT LED PAPI INSTALLATION, COMPLETE	1	LS	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00
80	T-901	TEMPORARY SEEDING (MULCHED)	23	AC	\$1,480.00	\$34,040.00	\$2,000.00	\$46,000.00
81	T-901	PERMANENT SEEDING (MULCHED)	18	AC	\$2,000.00	\$36,000.00	\$3,000.00	\$54,000.00
82	M-103	CLOSED RUNWAY MARKER	2	EA	\$9,600.00	\$19,200.00	\$9,000.00	\$18,000.00
83	R-651	SECURITY FENCE SIGN	10	EA	\$650.00	\$6,500.00	\$325.00	\$3,250.00
84	PSD	RELOCATE EXISTING SANITARY SEWER MANHOLE	- 1	EA	\$2,200.00	\$2,200.00	\$7,500.00	\$7,500.00
85	PSD	10" PVC SANITARY SEWER FORCE MAIN	1,037	LF	\$42.00	\$43,554.00	\$60.00	\$62,220.00
86	PSD	10" 11.25-DEGREE RESTRAINED MJ BEND	3	EA	\$780.00	\$2,340.00	\$750.00	\$2,250.00
87	PSD	10* 30-DEGREE RESTRAINED MJ BEND	1	EA	\$1,100.00	\$1,100.00	\$750.00	\$750.00
88	PSD	10° 45-DEGREE RESTRAINED MJ BEND	2	EA	\$775.00	\$1,550.00	\$750.00	\$1,500.00
89	PSD	CONCRETE THRUST BLOCKING, ANY SIZE	6	EA	\$450.00	\$2,700.00	\$1,000.00	\$6,000.00
90	PSD	FORCE MAIN AIR RELEASE VALVE AND VAULT, COMPLETE	1	LS	\$7,935.00	\$7,935.00	\$8,000.00	\$8,000.00
91	PSD	SANITARY SEWER FORCE MAIN IN-LINE CONNECTION	- 1	EA	\$2,670.00	\$2,670.00	\$2,500.00	\$2,500.00

TOTAL SCHEDULE A BID AMOUNT \$5,496,643.75 \* \$5,841,927.50

<sup>\*</sup> DENOTES MATH ERROR

						RPRISES USA, INC. PEAKE, VA		gineer's timate
BASE	BID				LICENSE	E NO.: 97783		
NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL
1	GP105	MOBILIZATION	1	LS	\$428,000.00	\$428,000.00	\$500,000.00	\$500,000.00
2	02374	TEMPORARY CONSTRUCTION ENTRANCE	2	EA	\$2,100.00	\$4,200.00	\$3,000.00	\$6,000.00
3	02374	TEMPORARY SILT FENCE	6,000	LF	\$3.50	\$21,000.00	\$4.00	\$24,000.00
4	02374	TEMPORARY SEDIMENT TUBE CHECK DAMS	6	EA	\$105.00	\$630.00	\$250.00	\$1,500.00
5	02374	TEMPORARY SEDIMENT BASIN WITH SKIMMER	2	EA	\$12,185.00	\$24,370.00	\$16,000.00	\$32,000.00
6	02374	TYPE 'A' INLET PROTECTION	10	EA	\$190.00	\$1,900.00	\$500.00	\$5,000.00
7	02374	TEMPORARY WOOD RISER INLET PROTECTION	13	EA	\$1,190.00	\$15,470.00	\$500.00	\$6,500.00
- 8	RPS	REMOVE EXISTING GRATE INLET	2	EA	\$1,000.00	\$2,000.00	\$50.00	\$100.00
9	RPS	REMOVE EXISTING STORM DRAIN MANHOLE	2	EA	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00
10	RPS	REMOVE EXISTING 36-INCH CONCRETE PIPE	371	LF	\$25.00	\$9,275.00	\$30.00	\$11,130.00
11	RPS	REMOVE EXISTING 48-INCH CONCRETE PIPE	652	LF	\$35.00	\$22,820.00	\$18.00	\$11,736.00
12	RPS	REMOVE EXISTING 54-INCH CONCRETE PIPE	80	LF	\$55.00	\$4,400.00	\$25.00	\$2,000.00
13	P-152	UNCLASSIFIED EXCAVATION	27,000	CY	\$11.00	\$297,000.00	\$15.00	\$405,000.00
14	P-152	UNSUITABLE EXCAVATION	4,300	CY	\$15.50	\$66,650.00	\$15.00	\$64,500.00
15	P-209	CRUSHED AGGREGATE BASE COURSE	165	CY	\$115.00	\$18,975.00	\$150.00	\$24,750.00
16	P-401	BITUMINOUS CONCRETE SURFACE COURSE	1,470	TON	\$153.25	\$225,277.50	\$200.00	\$294,000.00
17	P-602	BITUMINOUS PRIME COAT	1,955	GAL	\$6.35	\$12,414.25	\$5.00	\$9,775.00
18	P-603	BITUMINOUS TACK COAT	590	GAL	\$2.85	\$1,681.50	\$3.00	\$1,770.00
19	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION WHITE)	25	SF	\$5.35	\$133.75	\$3.00	\$75.00
20	P-620	AIRFIELD PAVEMENT MARKING (REFLECTORIZED AVIATION YELLOW)	235	SF	\$2.50	\$587.50	\$3.00	\$705.00
21	P-620	AIRFIELD PAVEMENT MARKING (NON-REFLECTORIZED BLACK)	650	SF	\$1.55	\$1,007.50	\$2.00	\$1,300.00
22	D-701	12" HDPE DOUBLE WALL CORRUGATED PIPE	330	LF	\$44.00	\$14,520.00	\$15.00	\$4,950.00
23	D-701	18" HDPE DOUBLE WALL CORRUGATED PIPE	876	LF	\$52.00	\$45,552.00	\$25.00	\$21,900.00
24	D-701	18" REINFORCED CONCRETE PIPE, CLASS III	56	LF	\$105.00	\$5.880.00	\$90.00	\$5.040.00
25	D-701	36" REINFORCED CONCRETE PIPE, CLASS III	2,575	LF	\$200.00	\$515,000.00	\$200.00	\$515,000.00
26	D-701	48" REINFORCED CONCRETE PIPE, CLASS III	2,360	LF	\$300.00	\$708,000.00	\$280.00	\$660,800.00
27	D-701	12" HDPE TEE FITTING	20	EA	\$285.00	\$5,700.00	\$225.00	\$4,500.00
28	D-701	12" HDPE 90-DEGREE BEND	20	EA	\$245.00	\$4,900.00	\$75,00	\$1,500.00
29	D-701	18" HDPE TEE FITTING	6	EA	\$1,000.00	\$6,000.00	\$50.00	\$300.00
30	D-701	18" HDPE 90-DEGREE BEND	6	EA	\$605.00	\$3,630.00	\$125.00	\$750.00
31	D-751	4' X 4' STORM DRAIN GRATE INLET	11	EA	\$4,400.00	\$48,400.00	\$3,800.00	\$41,800.00
32	D-751	4' X 4' STORM DRAIN JUNCTION BOX	2	EA	\$6,000.00	\$12,000.00	\$8,000.00	\$16,000.00
33	D-751	5' X 5' STORM DRAIN JUNCTION BOX	7	EA	\$6,740.00	\$47,180.00	\$9,000.00	\$63,000.00
34	D-751	6' X 6' STORM DRAIN JUNCTION BOX	8	EA	\$17,450.00	\$139,600.00	\$20,000.00	\$160,000.00
35	D-751	4' X 10' STORM DRAIN GRATE INLET	8	EA	\$18,700.00	\$149,600.00	\$20,000.00	\$160,000.00
36	D-751	4' X 10' STORM DRAIN EMERGENCY OVERFLOW BOX	1	EA	\$13,125.00	\$13,125.00	\$18,000.00	\$18,000.00
37	D-751	6' X 10' STORM DRAIN EMERGENCY OVERFLOW BOX	1	EA	\$15,900.00	\$15,900.00	\$22,000.00	\$22,000.00
38		5'-6" X 6' OUTLET CONTROL STRUCTURE	1	EA	\$19,500.00	\$19.500.00	\$14,000.00	\$14,000.00
39		6' X 10' OUTLET CONTROL STRUCTURE	1	EA	\$32,000.00	\$32,000.00	\$30,000.00	\$30,000.00
40	L-105	REMOVE EXISTING TAXIWAY EDGE LIGHT	1	EA	\$950.00	\$950.00	\$75.00	\$75.00
41	L-108	CABLE TRENCH	100	LF	\$12.00	\$1,200.00	\$2.00	\$200.00
42	L-108	L-824 1/C, #8, 5kV, TYPE "C" CABLE	135	LF	\$9.00	\$1,215.00	\$5.00	\$675.00
	2 .00	1/C, #6 BARE COPPER COUNTERPOISE, INCLUDING GROUND RODS			40.000	41,210.00	\$5.00	00.0.00
43	L-108	AND GROUND CONNECTORS	90	LF	\$12.00	\$1,080.00	\$6.00	\$540.00
44	L-110	2-INCH, SCHEDULE 40 PVC CONDUIT IN GRASSED AREAS	90	LF	\$8.30	\$747.00	\$4.00	\$360.00

BID TABULATION SCHEDULE B - TAXIWAY 'F' INFIELD DRAINAGE IMPROVEMENTS HILTON HEAD ISLAND AIRPORT TBE PROJECT NO. 2119-1006 AUGUST 18, 2016

BASE	BID				CHESA	RPRISES USA, INC. PEAKE, VA : NO.: 97783	Engineer's Estimate		
NO.	SPEC NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT. TOTAL	UNIT PRICE	EXT. TOTAL	
45	L-110	4-INCH, 4-WAY CONCRETE ENCASED UNDERGROUND DUCT	44	LF	\$89.00	\$3,916.00	\$75.00	\$3,300.00	
46	L-125	ELECTRICAL MANHOLE	2	EA	\$10,500.00	\$21,000.00	\$8,000.00	\$16,000.00	
47	L-125	L-858, SIZE 1, STYLE 2, CLASS 2, AIRFIELD GUIDANCE SIGN (3 - 4 CHARACTERS)	1	EA	\$7,400.00	\$7,400.00	\$4,800.00	\$4,800.00	
48	R-651	36-INCH WIDE, TYPE E STOP SIGN WITH CONTACT ATC SIGN	19	SF	\$42.00	\$798.00	\$100.00	\$1,900.00	
49	SPEC.	UNDERGROUND ARCH DETENTION SYSTEM, INCLUDING ALL APPURTENANCES	150,000	CF	\$10.40	\$1,560,000.00	\$10.00	\$1,500,000.00	
50	SPEC.	VIDEO INSPECTION - EXISTING 54" RCP	480	LF	\$62.00	\$29,760.00	\$80.00	\$38,400.00	
51	CIPP	CIPP SLIP LINE EXISTING 54" RCP	480	LF	\$430.00	\$206,400.00	\$500.00	\$240,000.00	
52	T-901	TEMPORARY SEEDING (MULCHED)	25	AC	\$1,480.00	\$37,000.00	\$2,000.00	\$50,000.00	
53	T-901	PERMANENT SEEDING (MULCHED)	25	AC	\$2,000,00	\$50,000,00	\$3,000,00	\$75,000,00	

TOTAL SCHEDULE B BID AMOUNT \$4,867,745.00 \$5,074,631.00 TOTAL SCHEDULE A BID AMOUNT \$5,496,643.75 \$5,841,927.50 \$10,364,388.75 \$10,916,558.50 TOTAL SCHEDULE A AND SCHEDULE B AMOUNTS

DBE SUBCONTRACTOR AMOUNT DBE PERCENTAGE OF TOTAL BID AMOUNT \$639,437.00 6.17%

I HEREBY CERTIFY THIS TABULATION OF BIDS TO BE CORRECT.

TALBER, BRIGHT & ELLINGTON, INC.

8/22/2016 DATE

### HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA WORK AUTHORIZATION 16-02 October 6, 2016

PROJECT NO.: TBI NO. 2119-1602

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

<u>Description of Work Authorized:</u> Construction administration services and inspection for the Extension of Runway 21 and Taxiways 'A' and 'F', Taxiway 'F' Infield Drainage Improvements, removal of trees along the west side of the Airport in various locations, re-alignment of the existing Hilton Head PSD sewer force main, and the demolition of the structures at 154 Beach City Road and 160 Beach City Road. Services in include:

- Construction Administration this includes providing professional construction contract administration services during the construction contract. This includes conduct Preconstruction Conference and transmit meeting minutes, review of submittals/shop drawings, site visits during construction, conduct progress meetings and transmit meeting minutes, answer questions and review Contractor change requests during construction, process Contractor pay requests during construction, conduct final inspection and transmit punch list items, prepare record drawings and coordinate final improvements with FAA, final Engineer's Report, project closeout documents.
- Quality Assurance Testing this includes subconsultant providing materials
  testing services required by the FAA during construction for quality assurance
  and acceptance. This primarily includes testing of soils for moisture and
  compaction, compressive strength of concrete placed during construction, testing
  of crushed aggregate base course for moisture and compaction, and testing of
  asphalt pavements.
- Resident Project Representative this includes providing resident project representative (construction observation) services required by the FAA during construction. This primarily includes providing a full-time resident construction observer while the Contractor is onsite working to observe the Contractor's work activities and finished work. This project also has nighttime runway closures from 9pm-6am for all work within the runway safety area. A second-shift resident construction observer will be present when the Contractor is working during these scheduled nighttime runway closures to observe the Contractor's work activities and finished work, and to verify that the runway can be re-opened to air traffic each morning after a scheduled runway closure. The resident construction

observer will also verify quantities of completed work by the Contractor that are eligible for inclusion on each Contractor pay request.

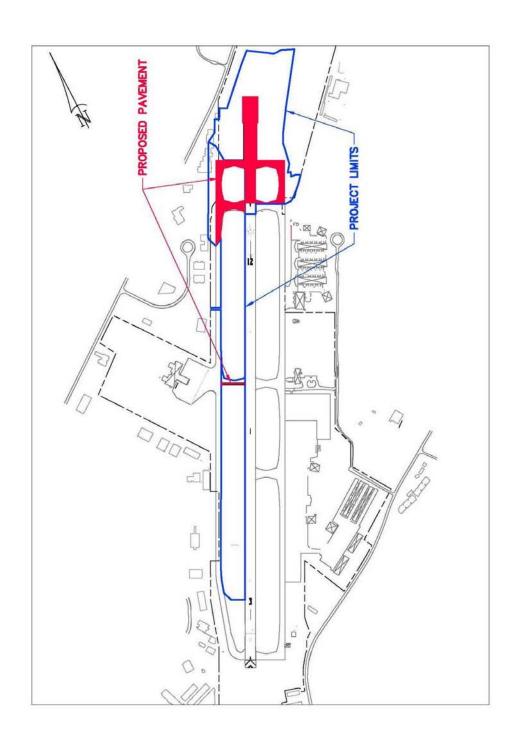
• Phase I 18B Survey – this includes one survey completed in accordance with FAA AC 150/5300-18B. This survey will be an as-built survey of the approach surfaces (20:1 and 30:1 combination to the proposed Runway 21 and Runway 3 landing thresholds) for new instrument approach procedure development by the FAA Flight procedures office. An AutoCAD file will be provided of the completed as-built survey and the required statement of work, imagery files, and data files will be uploaded upon completion to the FAA AGIS website in accordance with FAA AC 5300-18B.

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

<u>Cost of Services:</u> The method of payment shall be in accordance with Article 6 of the Master Contract. The basic services work shall be performed in accordance with the Master Contract as a lump sum of <u>\$182,066.05</u>, which includes reimbursable expenses. Special Additional Services shall be performed as listed below with a budget of <u>\$881,538.00</u>. The total value of this Work Authorization shall not exceed <u>\$1,063,604.05</u> without additional authorization

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

APPROVED: BEAUFORT COUNTY	APPROVED: TALBERT, BRIGHT & ELLINGTON, INC.
Title	Vice President Title:
Date:	Date:
Witness:	Witness:



### SUMMARY OF FEES

### RUNWAY 21 EXTENSION SCHEDULES A AND B COMBINED

HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA

AIP GRANT 3-45-0030-039-2016 CLIENT PROJECT NO: TBI PROJECT NO. 2119-1602

October 6, 2016

DESCRIPTION		ESTIMATED COST
BASIC SERVICES CONSTRUCTION ADMINISTRATION PHASE (06)	\$	162,565.00
SPECIAL SERVICES		
EXPENSES	\$	19,501.05
RESIDENT PROJECT REPRESENTATIVE - NTE SUBCONSULTANTS	\$	525,728.00
QUALITY ASSURANCE TESTING - NTE	S	279,910.00
PHASE I 18B SURVEY - NTE	S	75,900.00
SPECIAL SERVICES SUBTOTAL	\$	901,039.05
TOTAL CONSTRUCTION PHASE	S	1,063,604.05

### MANHOUR ESTIMATE

## RUNWAY 21 EXTENSION SCHEDULES A AND B COMBINED HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA

AIP GRANT 3-45-0030-039-2016 CLIENT PROJECT NO: TBI PROJECT NO. 2119-1602

October 6, 2016

#### CONSTRUCTION ADMINISTRATION PHASE (06)

DESCRIPTION	PRIN	PM	E6	E4	El	T5	AD5
	\$ 175	\$ 164	\$ 147	\$ 112	\$ 72	\$ 98	\$ 76
Develop project scope/contract	4	6	0	0	0	0	2
Prepare contract does and RFC plans	Ó.	5	16	0	.0	12	16
Coordinate award of contract	2	6	0	0	0	0	2
Coordinate with subconsultants	4	24	8	0	0	4	16
Coord/conduct precon conf.	0	10	0	0	0	0	2
Precon minutes	0	4	0	0	0	0	2
Coordinate/review project schedule	4	4	0	0	0	0	0
Coordinate/review submittals	0	48	24	0	0	0	12
Construction visits/Progress Mtgs	24	264	24	0	0	0	16
Construction reports/Mtg Minutes	5	78	8	0	.0	0	12
Review/coordinate field changes	12	34	24	0	0	12	16
Review QA Test Results/Invoices	2	44	0	0	0	0	7
Construction correspondence	16	66	16	0	0	0	16
Process requests for partial payment	0	52	0	0	0	0	12
Final inspection/punchlist	2	10	0	0	0	0	4
Final Engineer's Report	0	8	4	0	0	0	4
Develop record drawings	0	16	32	0	0	36	2
MANHOUR TOTAL	71	673	156	0	0	64	139

#### DIRECT LABOR EXPENSES:

CLASSIFICATION			BILL	EST MHRS		EST COST
Principal	PRIN	\$	175	71	S	12,425
Project Manager	PM	\$	164	673	\$	110,372
Engineer VI	E6	\$	147	156	S	22,932
Engineer IV	E4	S	112	0	S	
Engineer I	El	S	72	0	5	
Technician V	T5	\$	98	64	S	6,272
Admin. Assistant V	AD5	S	76	139	S	10,564
			Total	1,103		

SUBTOTAL \$ 162,565.00

### DIRECT EXPENSES:

EXPENSE DESCRIPTION	UNIT		UNIT RATE	EST UNITS		COST
Postage	LS	\$	200	2	S	400.00
Copying	LS	S	500	2	S	1,000.00
Reproduction-Rel. for Const.	LS	S	1,000	2	S	2,000.00
Reproduction-As Built	LS	5	500	2	S	1,000.00
Miscellaneous expenses (prints, faxes, copies)	LS	S	200	2	S	400.00
Hotel	LS	S	150	39	S	5,850.00
Mileage	MI		0.445	19,890	S	8,851.05
SUBTOTAL					S	19.501.05

### SCOPE OF SUBCONTRACTED SERVICES:

EXPENSE DESCRIPTION	UNIT RATE	EST UNITS		EST COST
Quality Assurance Testing - NTE	\$279,910.00	1	S	279,910.00
Phase I 18B Survey - NTE	\$75,900.00	1	S	75,900.00
SUBTOTAL			S	355,810.00

TOTAL PHASE 6: \$ 537,876.05

# MANHOUR ESTIMATE RUNWAY 21 EXTENSION SCHEDULES A AND B COMBINED HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA

AIP GRANT 3-45-0030-039-2016 CLIENT PROJECT NO: TBI PROJECT NO. 2119-1602

October 6, 2016

RESIDENT PROJECT REPRESENTATIVE (PHASE 51)
CONTRACT TIME CALENDAR DAYS 255

DESCRIPTION	RPR				
	\$ 80				
Project review/Preconstruction Conference	10				
Site mobilization	4				
On site inspection	4,970				
Final inspection	10				
Follow up inspection	336				
Site demobilization	4				
MANHOUR TOTAL	5,334				

DIRECT	LABOR EXPENSES:	

CLASSIFICATION					EST MHRS		COST
RESIDENT ENGINEER	RPR	s	Total	80	5,334 5,334	S	426,720
SUBTOTAL						S	426,720.00

### DIRECT EXPENSES:

EXPENSE DESCRIPTION	UNIT	UNIT UNIT RATE		EST UNITS		COST
Telephone	LS	S		0	S	
Postage	LS	S	1.6	0	S	100
Miscellaneous expenses (prints, faxes, copies)	LS	S		0	S	N#3
Travel	LS	\$	(*)	0	\$	
SUBTOTAL					\$	-

### PER DIEM:

TOTAL PHASE 51:

EXPENSE DESCRIPTION	UNIT	UNIT RATE	EST UNITS		EST COST
DAILY PER DIEM	PD	\$ 208 Total	476 476	S	99,008
SUBTOTAL				S	99,008.00

\$ 525,728.00

### HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA WORK AUTHORIZATION 16-03

September 27, 2016 PROJECT NO.: TBI NO. 2119-1603

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

**Description of Work Authorized:** Total acquisition or partial taking of property on the Runway 03 end of the Hilton Head Island Airport (refer to Table 1) for construction of the Runway 03 extension, in accordance with the Master Contract. In addition, a partial taking will be conducted for the Taxiway F extension on the Runway 21 end.

# Table 1 Impacted Property Parcel Information Hilton Head Island Airport

		Acreage		
			Proposed	
Parcel Number	Property Owner	Current	Taking	Use
R511 008 000 0105 0000	PS Southeast Two LLC			
Billing Address:	701 Western Avenue	5.7	0.6	Neighborhood Shopping
	Glendale, California 91201	5.7	0.0	Center
Location:	55 Matthews Drive			
R511 008 000 0191 0000	PS Southeast Two LLC			
Billing Address:	701 Western Avenue	3.94	3.94	Miscellaneous Warehouse
-	Glendale, California 91201	3.94	3.94	and Storage
Location:	69 Mathews Drive			
R510 008 000 221A 0000	PS Southeast Two LLC			
Billing Address:	701 Western Avenue	2.34	0.42	Miscellaneous Warehouse
-	Glendale, California 91201	2.34	0.42	and Storage
Location:	17 Dillon Road			
R510 004 000 0342 0000	Anthony J. and Barbara A. Korzen			
Billing Address:	25 Persimmon Place	1.13	0.06	Commercial Service
	Hilton Head Island, SC 29926	1.13	0.00	Commercial Service
Location:	Lot 7 Beach City Common Center			
0				16 5 6 10 1

Source: Talbert & Bright, Inc. (2010), "Hilton Head Island Airport Master Plan Update Final Report," prepared for Beaufort County and accepted by the FAA November 16, 2011.

The land acquisition shall include coordination with the client, appraisal, review appraisal, and property plat survey (the property survey will be a standard boundary survey and not an ALTA Land Title Survey). Condominium properties will be surveyed around entire building and not individual units. Individual parcel owners with deed, tax address and unit number information will be put on the face of plat. Most of this work will be completed by subconsultants under TBE's direction. TBE shall assist Beaufort

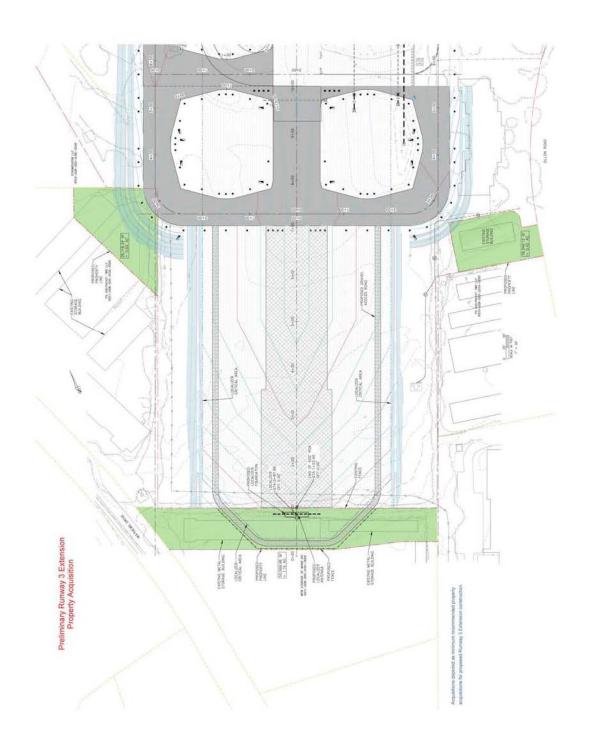
County but all offers to the property owner will be made by a representative from the County.

This scope of services does not include attendance at public meetings or relocation assistance. If these services are required, they will be performed as an amendment to this work authorization.

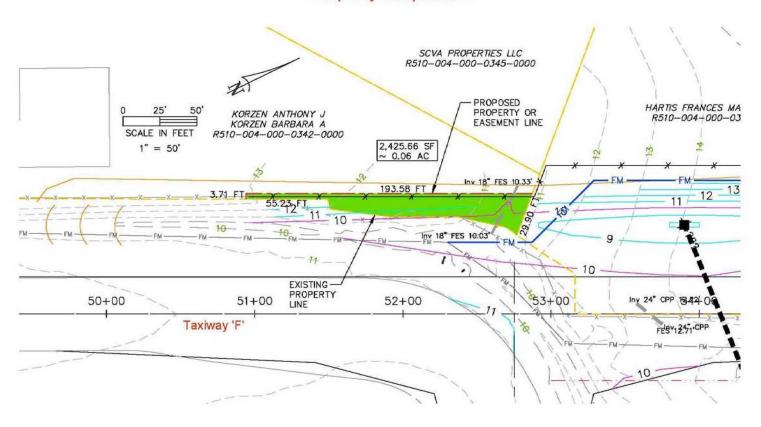
**Estimated Time Schedule:** Work shall be completed in accordance with the schedule established and agreed upon by the Owner and Engineer.

<u>Cost of Services:</u> 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 <u>\$63,758.00.00</u>.

Agreed as to Scope of Services, 111	me Schedule and Budget:
APPROVED: BEAUFORT COUNTY	<b>APPROVED:</b> TALBERT, BRIGHT & ELLINGTON, INC.
	Vice President
Title	Title:
Date:	Date:
Witness:	Witness:



# Runway 21/Taxiway F Extension Property Acquisition



#### MANHOUR ESTIMATE

RUNWAY 03 EXTENSION AND TAXIWAY F LAND ACQUISITION HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA AIP PROJECT NO: SCDOA PROJECT NO: CLIENT PROJECT NO:

CLIENT PROJECT NO: TBI PROJECT NO: 2119-1603

September 27, 2016

DESCRIPTION	PRIN \$184	PM		SP E5	E3	E2	El	T5	T3	AD4	AD3 \$ 55
		\$ 172		\$136	\$103	\$ 85	\$ 75	\$ 98	\$ 74	\$ 68	
Project Formulation											
Coordination of Land Acquisition Requirements	1	0	1	0	0	0	0	0	0	1	0
Develop Cost Estimates and Project Budget	1	0	1	0	0	0	0		0	1	0
Prepare Application for Funding	1	0	2	0	0	0	0	0	0	2	0
Project Administration											
Attend Project Start-Up Meeting	4	4	4	0	0	0	0	0	O		0
Select Appraiser, Surveyor	0	1	1	0	0	0	0	0	0	0	0
Coordinate with Surveyor	0	1	1	0	0	0	0	0	0	0	0
Develop Maps	0	0	8	0	0	0	8	0	0		
Coordinate Appraisals	0	4	20	.0	0	0	0	0	0	8	0
Coordinate Review Appraisals	0	8	20	0	0	0	0	0	0	8	
Prepare Just Compensation Summary Sheet	0	4	16	0	0	0	0	0	0	8	0
Assist in Issuing Offer of Purchase	0	4	16	0	0	0	0	0	0	8	0
General Assistance	0	0	24	0	0	0	0	0	0	8	0
Complete Project Application	0	1	1	0	0	0	0	0	0	8 2 2	
Project Budget/Schedule Updates	0	1	1	0	0	0	0	0	0	2	0
Assist in Project Close-Out	0	1	1	0	0	0	0	0	0	2	0
MANHOUR TOTAL	7	29	117	0	0	0	8	0	0	58	(

### DIRECT LABOR EXPENSES:

CLASSIFICATION			BILL RATE	EST. MHRS		EST. COST
Principal	PRIN	S	184	7	S	1,288
Project Manager	PM	S	172	29	\$	4,988
Senior Planner	SP	S	134	117	S	15,678
Engineer V	E5	S	136	-	\$	
Engineer III	E3	S	103	12	S	23
Engineer II	E2	S	85		\$	-
Engineer I	E1	S	75	8	\$	600
Technician V	T5	S	98	-	S	+
Technician III	T3	S	74	-	\$	-
Admin. Assistant IV	AD4	S	68	58	S	3,944
Admin. Assistant III	AD3	S	55	-	S	-
					\$	-
6			Total	219		
Tarana and a same and a same and a same a					-	

SUBTOTAL \$ 26,498.00

DIRECT	EXPENSES:
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EXPENSE DESCRIPTION	UNIT		UNIT RATE	EST. UNITS		EST. COST
Telephone	LS	\$	200.00	1	\$	200
Postage	LS	S	300.00	1	S	300
Miscellaneous expenses (prints, faxes, copies)	LS	S	300.00	1	S	300
Travel	LS	8	260.00	4	S	1,040
SUBTOTAL					s	1,840.00

### MANHOUR ESTIMATE

RUNWAY 03 EXTENSION AND TAXIWAY F LAND ACQUISITION HILTON HEAD ISLAND AIRPORT HILTON HEAD ISLAND, SOUTH CAROLINA AIP PROJECT NO: SCDOA PROJECT NO: CLIENT PROJECT NO: TBI PROJECT NO: 2119-1603

September 27, 2016

SUBCONTRACTED SERVICES:	UNIT		UNIT RATE	EST. UNITS		EST. COST
Appraisal and Relocation Assistance	LS	s	11,845	1	\$	11,845
Review Appraisal	LS	S	12,650	1	\$	12,650
Survey Plat	LS	s	10,925	1	\$	10,925
SUBTOTAL					S	35,420
TOTAL COST:					s	63,758.00



## COUNTY COUNCIL OF BEAUFORT COUNTY PURCHASING DEPARTMENT

106 Industrial Village Road Post Office Drawer 1228 Beaufort, South Carolina 29901-1228

TO: Gary Kubic, County Administrator

FROM: Dave Thomas, CPPO, Purchasing Director

SUBJ: RFQ# 092216 Request for Qualifications for Arborist Services for Beaufort County

DATE: October 20, 2016

**BACKGROUND**: Beaufort County issued a Request for Qualifications (RFQ) to firms capable of providing professional Arborist services to represent the County during the upcoming obstruction removal project at the Beaufort County Airport. The selected Arborist will assist the County in performing our oversight/monitoring of the contractor hired to trim, cut, and remove selected trees on private property off the southern end of the Airport. The evaluation committee consisted of three (3) staff members: Jon Rembold, Director of Airports, Colin Kinton, Director of Transportation Engineering, and Amanda Flake, Beaufort County Planning Department. Beaufort County received two (2) responses to the RFQ.

### RFQ RESPONSES AND RANKING:

- 1. Preservation Tree Service, LLC, Lady's Island, SC
- 2. Carolina Tree Care, Summerton, SC

**<u>FUNDING</u>**: 90% FAA Grants (pending), 5% South Carolina Aeronautics Commission, 5% Airport Capital Projects Fund.

**FOR ACTION:** Finance Committee meeting occurring November 7, 2016.

**RECOMMENDATION:** County Administrator approve the contract award to Preservation Tree Care for Arborist Services for a total cost not to exceed \$40,000.

CC: Joshua Gruber, Deputy County Administrator/Special Counsel

Alicia Holland, Asst. County Administrator, Finance Colin Kinton, Director Transportation Engineering

Jon Rembold, Director of Airports

Att: Final Ranking Summary