

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COSTS

ND TABULATION, 11AM 7/14/2020

BASE BID 1 - RUNWAY 5-23 LIGHTING IMPROVEMENTS													
PAY ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ENG ESTIMATE		Trinity Electrical Services		Airfield Western		Southeast Site Services		Precision Approach	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
C-105-4.1	MOBILIZATION AND GENERAL CONDITIONS	1	LS	\$38,900.00	\$38,900.00								
C-106-4.1	MAINTENANCE & PROTECTION OF TRAFFIC	1	LS	\$35,000.00	\$35,000.00	\$5,000.00	\$5,000.00	\$5,878.00	\$5,878.00	\$5,700.00	\$5,700.00	\$9,000.00	\$9,000.00
C-108-8.1	PROJECT SURVEY, STAKEOUT AND AS-BUILT DRAWINGS	1	LS	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$10,451.00	\$10,451.00	\$7,500.00	\$7,500.00	\$9,000.00	\$9,000.00
L-108-5.1	MISCELLANEOUS CABLE REMOVAL AND DEMOLITION	1	LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,985.00	\$3,985.00	\$16,000.00	\$16,000.00	\$14,000.00	\$14,000.00
L-108-5.2	1/2" HD. 6 AWG. 5KV. L-824C CABLE INSTALLED IN CONDUIT OR DUCT	14,100	LF	\$3.00	\$42,300.00	\$1.05	\$14,805.00	\$2.30	\$32,430.00	\$1.00	\$14,100.00	\$1.50	\$21,150.00
L-108-5.3	BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH OR DUCT, INCLUDING GROUND RODS & GROUND CONNECTORS	2,700	LF	\$2.50	\$6,750.00	\$1.25	\$3,375.00	\$5.70	\$15,390.00	\$1.00	\$2,700.00	\$1.75	\$4,725.00
L-109-7.1	REMOVE CONSTANT CURRENT REGULATOR	1	EA	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$239.00	\$239.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
L-109-7.2	PROVIDE AND INSTALL 5 KW CONSTANT CURRENT REGULATOR, 6.6A 3-STEP	1	EA	\$10,000.00	\$10,000.00	\$7,600.00	\$7,600.00	\$12,330.00	\$12,330.00	\$15,000.00	\$15,000.00	\$12,000.00	\$12,000.00
L-110-5.1	ELECTRICAL CONDUIT, 2-INCH PVC, INSTALLED IN TRENCH	3,000	LF	\$5.00	\$15,000.00	\$2.80	\$8,400.00	\$7.30	\$21,900.00	\$3.00	\$9,000.00	\$2.00	\$6,000.00
L-110-5.2	ELECTRICAL CONDUIT, 2-INCH HDPE, INSTALLED BY DIRECTIONAL DRILLING	8,570	LF	\$11.25	\$96,412.50	\$10.00	\$85,700.00	\$17.70	\$151,669.00	\$12.00	\$102,840.00	\$25.80	\$221,106.00
L-125-5.1	REMOVE EXISTING RUNWAY OR THRESHOLD LIGHT ASSEMBLY AND SALVAGE TO OWNER	61	EA	\$50.00	\$3,050.00	\$90.00	\$5,490.00	\$40.00	\$2,440.00	\$100.00	\$6,100.00	\$300.00	\$18,300.00
L-125-5.2	REMOVE EXISTING SIGN AND CONCRETE BASE	7	EA	\$1,000.00	\$7,000.00	\$500.00	\$3,500.00	\$159.00	\$1,113.00	\$250.00	\$1,750.00	\$600.00	\$4,200.00
L-125-5.3	INSTALL BLANK COVER ON EXISTING L-867B BASE CAN	22	EA	\$100.00	\$2,200.00	\$105.00	\$2,310.00	\$213.00	\$4,686.00	\$150.00	\$3,300.00	\$125.00	\$2,750.00
L-125-5.4	L-861 MEDIUM INTENSITY ELEVATED RUNWAY EDGE LIGHT, LED, ON NEW L-867B BASE CAN INSTALLED IN EXISTING PAVEMENT	27	EA	\$1,800.00	\$48,600.00	\$1,200.00	\$32,400.00	\$1,917.00	\$51,759.00	\$2,000.00	\$54,000.00	\$1,400.00	\$37,800.00
L-125-5.5	L-861 MEDIUM INTENSITY ELEVATED THRESHOLD LIGHT, LED, ON NEW L-867B BASE CAN INSTALLED IN EXISTING PAVEMENT	6	EA	\$1,800.00	\$10,800.00	\$900.00	\$5,400.00	\$1,958.00	\$11,748.00	\$2,100.00	\$12,600.00	\$1,400.00	\$8,400.00
L-125-5.6	L-861 MEDIUM INTENSITY ELEVATED THRESHOLD LIGHT, LED, ON EXISTING L-867B BASE CAN	4	EA	\$1,200.00	\$7,200.00	\$800.00	\$4,800.00	\$466.00	\$4,116.00	\$750.00	\$4,500.00	\$800.00	\$4,800.00
L-125-5.7	L-850C MEDIUM INTENSITY FLUSH MOUNTED RUNWAY LIGHT, LED, ON NEW L-868B BASE CAN INSTALLED IN EXISTING PAVEMENT	8	EA	\$2,000.00	\$16,000.00	\$2,200.00	\$17,600.00	\$3,728.00	\$29,824.00	\$3,000.00	\$24,000.00	\$2,200.00	\$17,600.00
L-125-5.8	L-850C MEDIUM INTENSITY FLUSH MOUNTED RUNWAY LIGHT, LED, ON EXISTING L-868B BASE CAN	2	EA	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00	\$1,294.00	\$2,588.00	\$1,500.00	\$3,000.00	\$1,500.00	\$3,000.00
L-125-5.9	L-861T TAXIWAY EDGE LIGHT, LED, ON NEW L-867B BASE CAN INSTALLED IN PAVEMENT OR TURF	39	EA	\$1,000.00	\$39,000.00	\$900.00	\$35,100.00	\$1,512.00	\$58,968.00	\$1,450.00	\$56,550.00	\$1,200.00	\$46,800.00
L-125-5.10	L-867B JUNCTION CAN WITH BLANK LED, IN TURF	16	EA	\$800.00	\$12,800.00	\$575.00	\$9,200.00	\$987.00	\$15,792.00	\$1,250.00	\$20,000.00	\$900.00	\$14,400.00
L-125-5.11	L-855 AIRFIELD GUIDANCE SIGN, SIZE 2, STYLE 2 ON NEW CONCRETE BASE	7	EA	\$3,500.00	\$24,500.00	\$3,500.00	\$24,500.00	\$4,541.00	\$31,787.00	\$7,000.00	\$49,000.00	\$5,000.00	\$35,000.00
L-125-5.12	REMOVE TAXIWAY EDGE LIGHT	12	EA	\$500.00	\$6,000.00	\$70.00	\$840.00	\$120.00	\$1,440.00	\$150.00	\$1,800.00	\$300.00	\$3,600.00
L-125-5.13	SAWCUT/CORE AND REMOVE EXISTING RUNWAY EDGE LIGHT BASE CAN	10	EA	\$600.00	\$6,000.00	\$400.00	\$4,000.00	\$417.00	\$4,170.00	\$200.00	\$2,000.00	\$900.00	\$9,000.00
L-125-5.14	SAWCUT/CORE AND REMOVE EXISTING RUNWAY EDGE LIGHT BASE CAN (INDISTRIBUTED QUANTITY)	10	EA	\$600.00	\$6,000.00	\$400.00	\$4,000.00	\$417.00	\$4,170.00	\$200.00	\$2,000.00	\$900.00	\$9,000.00
I-904-5.1	SODDING AND SITE RESTORATION	4,840	SY	\$3.00	\$14,520.00	\$2.75	\$13,310.00	\$3.50	\$16,930.00	\$15.00	\$72,600.00	\$3.00	\$14,520.00
ESTIMATED CONSTRUCTION COST				\$463,032.50		1	\$322,530.00		\$522,246.00		\$534,040.00		\$619,832.00
BID ALTERNATE NO. 1													
L-108-5.3	BARE COUNTERPOISE WIRE, INSTALLED IN TRENCH OR DUCT, INCLUDING GROUND RODS & GROUND CONNECTORS	6,100	LF	\$2.50	\$15,250.00	\$1.25	\$7,625.00	\$4.31	\$26,291.00	\$1.00	\$6,100.00	\$1.75	\$10,675.00
ENGINEER'S OPINION OF CONSTRUCTION COST - BID ALTERNATE NO. 1				\$15,250.00			\$7,625.00		\$26,291.00		\$6,100.00		\$10,675.00
ENGINEER'S OPINION OF CONSTRUCTION COST - BASE BID AND BID ALTERNATIVE 1				\$478,282.50			\$330,155.00		\$558,537.00		\$540,140.00		\$630,507.00