

APPENDIX "A"
INTEGRATED AIRPORT SYSTEMS LTD.
(780) 418-3054 / (780) 915-4062 iasl@shaw.ca / skiasl@shaw.ca

Elk Point Airport AFL Budget Estimate (July 28, 2017)			Airport Electrical Estimate
Airfield Lighting Rehabilitation - LED Technology			2017 Budget
Task #	Systems	Comments	Class C Estimate
1	General Conditions	Bonds, Insurance, Mob and De-Mob	\$10,000.00
2	Demolitions	Existing Edge Lights, Beacon and Wind Socks	\$5,000.00
3	LED Runway Edge Lights 08-26, TWY A, Apron I	M.I. Lights Mounted on Pullpits, Quartz or LED, Symmetrical	\$255,000.00
4	LED Guidance Signs TWY A, and RWY Exit's	LED Airfield Guidance Signs TWY A and RWY Exit's	\$30,000.00
5	LED Wind Direction Indicators	2-Tied to Rwy CCT. C/W New Auto Transformer	\$23,500.00
6	LED PAPI Installation 08 and 26	LED PAPI c/w Heater System and Tilt Switches	\$128,000.00
7	AFL Controls C/W ARCAL	Airfield Lighting Control System	\$13,000.00
8	Strobe Acquisition Beacon	Strobe Beacon Mounted on FEC Tower	\$17,500.00
9	Runway Constant Current Regulator	1 - 10Kw RWY, TWY and PAPI	\$16,000.00
10	FEC Electrical Room Equipment	Electrical Backboard, Raceways and Equipment Tie-in's	\$5,000.00
11	FEC Building, Poles, Electrical Service (P.C. Sum Allowance)	Electrical Service - (Re-Use of Existing)	\$3,000.00
12	FEC Building Arch, Structural, Foundations, Site Work, Utility's	FEC Building (Re-Use & Minor Renovation)	\$3,000.00
13	Duct Bank Tie-In's / Connections	Duct Bank Tie-ins and Connections	\$10,000.00
14	Trenching and Back Fill	Excavations	\$30,000.00
15	Screw Pile Foundations	15 - Wind Direction, Signs, Beacon, PAPI	\$30,000.00
16	Miscellaneous Items	Miscellaneous - Spares Etc.	\$10,000.00
17	Commissioning, Training and Closeout Documents	Commissioning, Training and Closeout O&M Manuals, Red Line As-Built Records	\$9,500.00
Approval Signature	Dated:	Total Construction Budget Estimate	\$598,500.00
		Grant Funding Applications	\$5,000.00
Client:	Town of Elk Point	Environmental Reviews	\$5,000.00
	Elk Point Airport	10% Contingencies	\$60,000.00
		Engineering Design and Construction Management Fees	\$130,000.00
		Total Construction Budget Estimate	\$798,500.00

Notes:

- 1) Estimate is based on airport closure during airside construction activities 0630 Hrs. to 1 Hr. before dusk
- 2) Upon 45 min notice by medevac operators, contractor will pull-off and airport will open for emergency traffic
- 3) Estimate is based on 3 months construction in 2017
- 4) Estimate is based on design - build implementation