




APPENDIX A - ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST								
SOUTH ALBANY AIRPORT				CONSTRUCT NEW SNOW REMOVAL EQUIPMENT STORAGE BUILDING			July 31, 2020	
								
ITEM NO.	DESCRIPTION	Units	Quan.	Material		Labor		Total
				Unit Cost	Subtotal	Unit Cost	Subtotal	
Building Site								
-	Excavation for frost wall	CY	200			\$20.00	\$4,000.00	\$4,000
-	Backfill/compact frost wall with underdrain	CY	240	\$18.00	\$4,320.00	\$18.00	\$4,320.00	\$8,640
-	Fine grade for building slab	SF	2900			\$0.75	\$2,175.00	\$2,175
-	Parking lot excavation	CY	115			\$30.00	\$3,450.00	\$3,450
-	Parking lot base and subbase	CY	156	\$12.00	\$1,872.00	\$18.00	\$2,808.00	\$4,680
-	Pave in front of new building (includes saw cut of existing and fine grade)	Tons	45	\$50.00	\$2,250.00	\$130.00	\$5,850.00	\$8,100
-	Striping allowance	LS	1	\$150.00	\$150.00	\$150.00	\$150.00	\$300
-	Fuel Slab with electric supply (no tanks; assumes they will be double wall)	LS	1	\$5,000.00	\$5,000.00	\$15,000.00	\$15,000.00	\$20,000
-	Erosion Control/Unpaved area restoration	LS	1	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$8,000
-	Ledge Allowance	CY	50			\$250.00	\$12,500.00	\$12,500
Sub Total								\$71,845
Building Construction								
ITEM NO.	DESCRIPTION	Units	Quan.	Material		Labor		Total
				Unit Cost	Subtotal	Unit Cost	Subtotal	
-	76' X 38' X 16' Eave (2,880 sf) SRE Building	SF	2888	\$60.00	\$173,280.00	\$31.00	\$89,528.00	\$262,808
-	Insulated Sectional OH Door	EA	5	\$3,100.00	\$15,500.00	\$250.00	\$1,250.00	\$16,750
-	FRP Man Door	EA	2	\$1,800.00	\$3,600.00	\$750.00	\$1,500.00	\$5,100
-	Bollard	EA	6	\$100.00	\$600.00	\$50.00	\$300.00	\$900
-	Excavation for Foundations	SF	3111			\$5.00	\$15,555.00	\$15,555
-	Reinforced Concrete Foundation	SF	1200	\$4.00	\$4,800.00	\$4.00	\$4,800.00	\$9,600
-	6" Thick, Reinforced Concrete Floor	SF	3111	\$4.00	\$12,444.00	\$3.00	\$9,333.00	\$21,777
-	Foundation Insulation	SF	2888	\$1.00	\$2,888.00	\$1.00	\$2,888.00	\$5,776
-	Concrete Sealer	SF	2888	\$2.00	\$5,776.00	\$1.50	\$4,332.00	\$10,108
Sub Total								\$348,374
Mechanical Construction								
ITEM NO.	DESCRIPTION	Units	Quan.	Material		Labor		Total
				Unit Cost	Subtotal	Unit Cost	Subtotal	
-	Ventilation	SF	2888	\$10.00	\$28,880.00	\$8.00	\$23,104.00	\$51,984
-	Heating	SF	2888	\$12.00	\$34,656.00	\$10.00	\$28,880.00	\$63,536
Sub Total								\$115,520.00
Electrical Construction								
ITEM NO.	DESCRIPTION	Units	Quan.	Material		Labor		Total
				Unit Cost	Subtotal	Unit Cost	Subtotal	
-	Subpanel, Recepticles and Wiring	SF	2888	\$12.00	\$34,656.00	\$8.00	\$23,104.00	\$57,760
-	Light Fixtures, Controls and Circuits	SF	2888	\$10.00	\$28,880.00	\$7.00	\$20,216.00	\$49,096
Sub Totals								\$106,856
Road Reconstruction								
ITEM NO.	DESCRIPTION	Units	Quan.	Material		Labor		Total
				Unit Cost	Subtotal	Unit Cost	Subtotal	
-	Roadway excavation	CY	400			\$25.00	\$10,000.00	\$10,000
-	Roadway gravel (including placement)	CY	650	\$15.00	\$9,750.00	\$15.00	\$9,750.00	\$19,500
-	Geotextile	SY	1200	\$1.00	\$1,200.00	\$2.50	\$3,000.00	\$4,200
-	6" underdrain (HDPE)	LF	1000	\$15.00	\$15,000.00	\$20.00	\$20,000.00	\$35,000
-	12" outlet piping (HDPE)	LF	40	\$15.00	\$600.00	\$25.00	\$1,000.00	\$1,600
-	Catch basins	EA	4	\$3,500.00	\$14,000.00	\$1,500.00	\$6,000.00	\$20,000
-	Paving	Tons	175	\$50.00	\$8,750.00	\$130.00	\$22,750.00	\$31,500
-	Traffic Control & Erosion Control	LS	1	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00	\$8,000
-	Restoration	LS	1	\$1,000.00	\$1,000.00	\$3,000.00	\$3,000.00	\$4,000
-	Ledge Allowance	CY	50			\$250.00	\$12,500.00	\$12,500
Sub Total								\$146,300.00
Bathroom Addition								
-	Bathroom/Sink	SF	35	\$40.00	\$1,400.00	\$30.00	\$1,050.00	\$2,450
-	Pump Station (precast, grinder or sim.)	LS	1	\$3,600.00	\$3,600.00	\$10,000.00	\$10,000.00	\$13,600
-	2" Force Main	LF	150	\$6.00	\$900.00	\$30.00	\$4,500.00	\$5,400
Sub Total								\$21,450.00
Septic System Replacement								
-	Septic System (Mound)	LS	1	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	\$30,000
-	Removal and Disposal of Existing Field	LS	1			\$6,000.00	\$6,000.00	\$6,000
Sub Total								\$36,000
						ITEM	CALCULATED	USE
						SUBTOTAL CONSTRUCTION	\$846,345	\$850,000
						Contingency	\$67,708	\$68,000
						Design	\$115,000	\$115,000
						Admin	\$2,000	\$2,000
						Inspection	\$65,000	\$65,000
						GRAND TOTAL	\$1,096,053	\$1,100,000