

<b>VALKARIA AIRPORT (X59)</b>					
<b>Hangar Access Taxilane and Related Site Improvements</b>					
<b>Schematic Project Cost Estimate</b>					
<b>SPEC NO.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>EST. UNIT COST</b>	<b>TOTAL</b>
C-100	Contractor Quality Control Program	LS	1	\$ 20,000.00	\$20,000.00
C-102	Temporary Air and Water Pollution, Soil Erosion, and Siltation Control	LS	1	\$ 7,500.00	\$7,500.00
C-105	Mobilization	LS	1	\$ 50,000.00	\$50,000.00
P-151	Clearing, Grubbing and Demolition	AC	1.5	\$ 20,000.00	\$30,000.00
P-152	Excavation, Subgrade, and Embankment	CY	2,000	\$ 30.00	\$60,000.00
P-211	Lime Rock Base Course 8"	SY	2,400	\$ 35.00	\$84,000.00
P-401	Asphalt Surface Course	TON	600	\$ 280.00	\$168,000.00
P-602	Emulsified Asphalt Prime Coat	GAL	600	\$ 5.00	\$3,000.00
P-603	Emulsified Asphalt Tack Coat	GAL	200	\$ 5.00	\$1,000.00
P-620	Runway and Taxiway Marking	LS	1	\$ 10,000.00	\$10,000.00
D-701	Drainage	LS	1	\$ 35,000.00	\$35,000.00
L-125	Airfield Lighting	LS	1	\$ 30,000.00	\$30,000.00
T-904	Sodding	SY	3,500	\$ 4.50	\$15,750.00
T-905	Topsoiling	CY	400.0	\$ 30.00	\$12,000.00
E-100	Electric Service	LS	1	\$ 25,000.00	\$25,000.00
S-100	<i>Restroom Building</i>	<i>LS</i>	<i>1</i>	<i>\$ 125,000.00</i>	<i>\$125,000.00</i>
W-100	<i>Potable Water Supply (Well and treatment system)</i>	<i>LS</i>	<i>1</i>	<i>\$ 25,000.00</i>	<i>\$25,000.00</i>
WW-100	<i>Wastewater disposal (septic field)</i>	<i>LS</i>	<i>1</i>	<i>\$ 48,000.00</i>	<i>\$48,000.00</i>
	<b>TOTAL ESTIMATED CONSTRUCTION COSTS - NO RESTROOM, WATER OR WASTEWATER:</b>				<b>\$551,250.00</b>
	<b>TOTAL ESTIMATED CONSTRUCTION COSTS - WITH RESTROOM, WATER OR WASTEWATER:</b>				<b>\$749,250.00</b>

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<b>PROFESSIONAL SERVICES</b>						
	<b>DESIGN</b>					
	<b>Basic Services</b>					
	Design				\$45,000.00	
	Bidding				\$6,100.00	
	<b>Other Services</b>					
	Geotechnical				\$12,000.00	
	Survey				\$14,000.00	
	Environmental & Permitting				\$150,000.00	
	Airport Layout Plan update ("pen and ink changes")				\$4,800.00	
	OE/AAA assistance				\$1,800.00	
	Environmental incl. Biological Assessment				\$60,000.00	
	<b>SUBTOTAL DESIGN - NO RESTROOM, WATER OR WASTEWATER</b>				<b>\$293,700.00</b>	
	<b>Optional Design Services</b>					
	Restroom (design criteria specification)				\$5,000.00	
	Potable water supply (design criteria specification only)				\$2,500.00	
	On-site wastewater disposal system				\$5,000.00	
	<b>SUBTOTAL OPTIONAL DESIGN SERVICES:</b>				<b>\$12,500.00</b>	
	<b>SUBTOTAL DESIGN + OPTIONAL DESIGN PHASE:</b>				<b>\$306,200.00</b>	
<b>CONSTRUCTION PHASE SERVICES</b>						
	<b>Basic Services</b>				\$27,000.00	
	<b>Project Inspection Services</b>					
	RPR				\$112,400.00	
	Testing				\$17,500.00	
	<b>SUBTOTAL CONSTRUCTION PHASE:</b>				<b>\$156,900.00</b>	
	<b>TOTAL PROFESSIONAL SERVICES:</b>				<b>\$450,600.00</b>	
	<b>TOTAL PROJECT:</b>				<b>\$1,199,850.00</b>	