



**NORTH DOUGLAS BOAT LAUNCH
CONCEPT 3**



BUDGET ESTIMATE

Prepared by: PND ENGINEERS, INC.

March 13, 2019

Item	Item Description	Units	Quantity	Unit Cost	Amount
1505.1	Mobilization	LS	All Req'd	\$1,047,400	\$1,047,400
1570.1	Erosion & Sediment Control	LS	All Req'd	\$50,000	\$50,000
2060.1	Demolition, Salvage & Disposal	LS	All Req'd	\$75,000	\$75,000
2201.1	Clearing & Grubbing	LS	All Req'd	\$25,000	\$25,000
2202.1	Mining Area Restoration and Road Cleaning Guarantee	CS	All Req'd	\$10,000	\$10,000
2202.2	Unusable Excavation	CY	1,000	\$20	\$20,000
2202.3	Usable Excavation	CY	2,500	\$10	\$25,000
2202.4	Class A Shot Rock Borrow	CY	15,000	\$30	\$450,000
2202.5	Class B Shot Rock Borrow	CY	300,000	\$25	\$7,500,000
2204.1	Roadway Base Course	CY	4,000	\$50	\$200,000
2204.2	Base Course Grading A	CY	400	\$50	\$20,000
2205.1	Class II Armor Rock	CY	5,000	\$40	\$200,000
2205.3	Class IV Armor Rock	CY	15,000	\$40	\$600,000
2501.3	24-Inch CPP Storm Drain Pipe	LF	2,000	\$100	\$200,000
2501.6	Board Insulation	BD	50	\$40	\$2,000
2502.1	Storm Drain Catch Basin, Type IV	EA	3	\$2,500	\$7,500
2502.3	Storm Drain Manhole, Type I	EA	5	\$5,000	\$25,000
2502.5	Storm Drain Water Quality Unit with 24-Inch Bypass	LS	All Req'd	\$30,000	\$30,000
2502.6	Storm Drain Outfall Structure	EA	2	\$30,000	\$60,000
2702.1	Construction Surveying	LS	All Req'd	\$75,000	\$75,000
2714.1	Geotextile Fabric, All Types	SY	10,000	\$5	\$50,000
2718.1	Signage	LS	All Req'd	\$10,000	\$10,000
2720.1	Painted Traffic Markings	LS	All Req'd	\$30,000	\$30,000
2801.1	AC Pavement, Type II, Class B, 3-Inch Thick	TON	5,000	\$200	\$1,000,000
2870.1	Site Furnishings	LS	All Req'd	\$40,000	\$40,000
2893.1	8'x300' Timber Boarding Float	LS	All Req'd	\$425,000	\$425,000
2896.1	Furnish & Install 16 Inch dia. Steel Pipe Pile	EA	8	\$10,000	\$80,000
2910.1	Planting Soils	LS	All Req'd	\$50,000	\$50,000
2930.1	Exterior Plants & General Landscaping	LS	All Req'd	\$100,000	\$100,000
3303.1	6-Inch Thick Concrete Walkway on Grade	SY	1,000	\$150	\$150,000
3303.3	Curb and Gutter, Types I-VII	LF	3,000	\$38	\$114,000
3303.4	Curb and Gutter, Type VIII	LF	400	\$60	\$24,000
3304.2	Beach Access Ramp	LS	All Req'd	\$100,000	\$100,000
3305.1	Boat Launch, Apron and Abutment	LS	All Req'd	\$70,000	\$70,000
3305.2	Boat Launch, Precast Concrete Ramp Planks	LS	All Req'd	\$550,000	\$550,000
5120.2	Bollards	EA	10	\$500	\$5,000
13121.1	Covered Shelter	LS	All Req'd	\$150,000	\$150,000
13121.2	Covered Kiosk	LS	All Req'd	\$20,000	\$20,000
13121.3	Vaulted Restroom	LS	All Req'd	\$100,000	\$100,000
16000.1	Electrical - Power, Lighting & Security	LS	All Req'd	\$450,000	\$450,000
ESTIMATED CONSTRUCTION COST					\$14,139,900
CONTINGENCY (15%)					\$2,120,985
AEL&P ELECTRICAL PRIMARY WORK					\$150,000
NEPA, NMFS IHA, PERMITTING & COMPENSATORY MITIGATION					\$1,000,000
SITE SURVEYS & GEOTECHNICAL INVESTIGATION					\$200,000
FINAL DESIGN & CONTRACT DOCUMENTS					\$989,793
CONTRACT ADMINISTRATION & CONSTRUCTION INSPECTION					\$989,793
TOTAL RECOMMENDED PROJECT BUDGET					\$19,590,471