

Des Allemands Boat Launch

Located off of WPA road (Highway 632)

Feasibility Plan

Estimate of Probable Costs

Date AUGUST 23, 2011

Revised Date: NOVEMBER 14, 2011

Item Description	Total Quantity	Unit	Unit Price	PHASE 1 ESTIMATE	PHASE 2 ESTIMATE	PHASE 1+2 ESTIMATE
				Date: Nov 11, 2011	Date: Aug 23, 2011	TOTAL With Markups
SITE FILL & DRAINAGE						
Site Clearing and Grubbing	1	LS	\$10,000.00	\$10,000	\$4,000	
Fill at Ditch and Levee Crossing Roadways						
Culverts - (24" RCP) at Parish Road	160	LF	\$75.00	\$12,000		
Levee clay fill at roadway (in place compacted)	1,250	CY	\$30.00	\$37,500		
Ditch fill at roadway (in place compacted)	1,400	CY	\$15.00	\$21,000		
Grading	5,600	SY	\$1.50	\$8,400	\$4,000	
						\$118,121
Fill at Boat Launch Land Area (needs permits)						
Fill bayou side of existing bulkhead	6,800	CY	\$15.00	\$102,000		
Rip Rap shore protection(907CY/1.4/CY per ton)	240	TON	\$80.00	\$19,200		
						\$147,743
Drainagae Ditches						
Ditches on sides of parking area (710')	710	LF	\$10.00	\$7,100		
						\$8,655
ROAD AND PARKING PAVING						
Parish Road to Hwy 632 (22' x 1,800'=4400 SY, 24' base + 400 SY overlap=4800 sy)						
12" sand subbase (24' wide=4,800 sy)	1,600	CY	\$15.00	\$24,000		
6 Inch Crushed Stone base (24' wide =4,800 sy)	1,120	TON	\$45.00	\$50,400		
3 Inch Asphalt Overlay (22' wide =4,400 sy)	792	TON	\$90.00		\$71,280	
Filter Fabric (4,800 sy)	4,800	SY	\$1.50	\$7,200		
Shoulder, Ditch Grading & Installation	12,000	SY	\$1.50	\$18,000		
Grassing, seeding at road shoulders	7,699	SY	\$0.45	\$3,465		
Timber Pole with Cobra Fixture @ 150' oc (Entergy power service to Boat Launch on poles)	10	EA.	\$2,000.00	\$20,000		
						\$236,906
Parking Lot (41- trailers, 12-cars, 5,660 sy)						
Culverts - (24" RCP) at Parish Road	160	LF	\$75.00	\$12,000		
12" sand subbase (6,000 sy)	2,000	CY	\$15.00	\$15,000	\$15,000	
6 Inch Crushed Stone base (6,000 sy)	1,400	TON	\$45.00	\$31,500	\$31,500	
3 Inch Asphalt Overlay (5,660 sy)	1,019	TON	\$90.00	\$0	\$91,692	
Filter Fabric (6,000 sy)	6,000	SY	\$1.50	\$4,500	\$4,500	
Grading & Installation	8,000	SY	\$1.50	\$6,000	\$6,000	
Concrete Wheel Stops	12	EA.	\$35.00	\$210	\$210	
Handicap Concrete Parking Area	80	SY	\$60.00	\$2,400	\$2,400	
Handicap Parking Signs	4	EA.	\$150.00	\$300	\$300	
						\$272,461
Road Over Levee (22' x 320', 855 sy)						
12" sand subbase (926 sy)	309	CY	\$15.00	\$4,630		
6 Inch Crushed Stone base (926 sy)	216	TON	\$45.00	\$9,723		
3 Inch Asphalt Overlay (855 sy)	154	TON	\$90.00	\$0	\$13,851	
Filter Fabric (926 sy)	926	SY	\$1.50	\$1,389		
Grading & Installation	14,000	SY	\$1.50	\$21,000		
						\$61,673

Item Description	Total Quantity	Unit	Unit Price	PHASE 1 ESTIMATE	PHASE 2 ESTIMATE	PHASE 1+2 ESTIMATE
				Date: Nov 11, 2011	Date: Aug 23, 2011	TOTAL With Markups
Boat Launch Manuvering Area (100' x 150', 1,600 sy)						
12" sand subbase (1,600 sy)	533	CY	\$15.00	\$8,000		
6 Inch Crushed Stone base (1,600 sy)	373	TON	\$45.00	\$16,800		
3 Inch Asphalt Overlay (1,600 sy)	288	TON	\$90.00	\$0	\$25,920	
Filter Fabric (1,699 sy)	1,600	SY	\$1.50	\$2,400		
Grading & Installation	1,600	SY	\$1.50	\$2,400		
						\$67,679
SITE IMPROVEMENTS						
Sidewalks over levee to launch	285	SY	\$35.00	\$0	\$9,975	
Fencing (4 barbed wire fence next to pastures)	1,300	LF	\$5.00	\$0	\$6,500	
Trees at 10' Height	10	EA	\$225.00	\$0	\$2,250	
Grassing, seeding at lot perimeter	8,000	SY	\$0.45	\$0	\$3,600	
Grassing, seeding at road on levee	5,500	SY	\$0.45	\$0	\$2,475	
Grassing, seeding at road north of ditch	2,800	SY	\$0.45	\$0	\$1,260	
						\$31,767
BOAT LAUNCH						
Boat Launch Ramps and Piers						
Bulkhead at boat launch (100' long 24' sheet pile)	100	LF	\$400.00	\$40,000		
Temporary Cofferd Dam Sheet Piles	2,400	SF	\$9.00	\$21,600		
Concrete Ramp, 6" Paving (2-double ramps + under piers)	440	SY	\$55.00	\$24,200		
Concrete Paving - Boat Launch Maneuvering Area	180	SY	\$50.00	\$9,000		
Treated Timber Piers 3 @ 8' X 48' Each	1,142	SF	\$60.00	\$68,520		
						\$199,087
RESTROOM FACILITY						
Pre-fabricated Restroom Building with on-site sewage treatment plant	1	LS	\$46,000.00	\$46,000		
2 inch Water Line	1	LS	\$12,000.00	\$12,000		
						\$70,702
ELECTRICAL						
Boat Launch Site Lighting						
Timber Pole with Cobra Fixture (does not include electrical service to site)	11	EA.	\$2,000.00	\$22,000		
						\$26,818
Construction Sub-total						
General Conditions and Mobilization	8.00%			\$721,837	\$296,713	
Subtotal				\$43,310	\$17,803	
Construction Contingency	15.00%			\$765,147	\$314,516	
				\$114,772.01	\$47,177.37	
Construction Total				\$879,919	\$361,693	\$1,241,612
Permits and Scenic Rivers				\$12,000	\$0	
Geotechnical				\$20,000	\$0	
Surveys				\$20,000	\$10,000	
Mitigation				\$20,000		
Planning and Design				\$87,992	\$36,169	
ESTIMATED PROJECT TOTAL BUDGET				\$1,039,911	\$407,862	\$1,447,773

Source: BURK-KLEINPETER, INC. (8956-06)