

ESTIMATED CONSTRUCTION COST

HAINES LUTAK DOCK - RENOVATE EXISTING BARGE BERTH

NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	MOB AND DEMOB	LS	1	\$500,000	\$500,000
2	EROSION AND POLLUTION CONTROL	LS	1	\$31,250	\$31,250
3	SILT CURTAIN - BOOM	LS	1	\$100,000	\$100,000
	SUB TOTAL MOB AND DEMOB				\$631,250
4	INSTALL SACRIFICIAL ANODES	EA	71	\$1,200	\$85,200
5	COAT TRANSFER BRIDGE FLOAT	SF	4,000	\$15	\$60,000
6	MARINE CRANE TO LIFT FLOAT	LS	1	\$50,000	\$50,000
7	COAT TRANSFER BRIDGE	SF	29,000	\$20	\$580,000
8	REPLACE NORTH END BERTH DOLPHIN TIMBERS	EA	18	\$2,000	\$36,000
9	REPLACE SOUTH END BERTH DOLPHIN TIMBERS	EA	18	\$2,000	\$36,000
10	REPLACE SIDE TIE DOLPHIN TIMBERS	EA	36	\$2,000	\$72,000
11	REPAIR NORTH BEARING	LS	1	\$25,000	\$25,000
12	REPLACE TRANSFER BRIDGE DECKING	LS	1	\$5,000	\$5,000
	SUB TOTAL CONSTRUCTION				\$949,200
A	DESIGN (10% OF CONSTRUCTION)	LS	1		\$158,045
B	PERMITTING CLEAN WATER ACT SECTION 10 AND 404	LS	1	\$20,000	\$20,000
C	CONSTRUCTION ADMINISTRATION (6% OF CONSTRUCTION)	LS	1		\$94,827
	SUB TOTAL ENGINEERING AND ADMIN				\$272,872

TOTAL CONSTRUCTION & ENGINEERING COST: \$1,853,322

25% CONTINGENCY: \$463,331

TOTAL: \$2,317,000

ESTIMATED CONSTRUCTION COST

HAINES LUTAK DOCK - NEW BARGE RAMP OPTION 2

NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	MOB AND DEMOB	LS	1	\$2,500,000	\$2,500,000
2	CONSTRUCTION SURVEY	LS	1	\$150,000	\$150,000
3	PROTECTED SPECIES OBSERVER	LS	1	\$100,000	\$100,000
4	EROSION AND POLLUTION CONTROL	LS	1	\$25,000	\$25,000
5	SILT CURTAIN - BOOM	LS	1	\$100,000	\$100,000
	SUB TOTAL MOB AND DEMOB				\$2,875,000
6	DEMOLITION OF EXISTING RO RO RAMP	LS	1	\$35,000	\$35,000
7	DEMOLITION OF BUILDINGS AND TOWER STRUCTURE	LS	1	\$20,000	\$20,000
	SUB TOTAL DEMOLITION				\$55,000
8	FURNISH 30" DIAMETER PIPE PILES	LF	1,280	\$258	\$330,240
9	INSTALL 30" DIAMETER PILING IN ROCK SOCKET	EA	16	\$25,000	\$400,000
10	FURNISH 18" DIAMETER PIPE PILES	LF	320	\$106	\$33,920
11	INSTALL 18" DIAMETER PILING IN ROCK SOCKET	EA	4	\$20,000	\$80,000
12	FURNISH AND INSTALL TENSION ANCHOR	EA	14	\$35,000	\$490,000
13	FURNISH AND INSTALL 3 PILE DOLPHINS	EA	2	\$140,000	\$280,000
14	FURNISH AND INSTALL 4 PILE DOLPHINS	EA	2	\$210,000	\$420,000
15	FURNISH AND INSTALL ABUTMENT PILE CAP	LS	1	\$30,000	\$30,000
16	FURNISH AND INSTALL TRANSFER BRIDGE	LS	1	\$1,120,000	\$1,120,000
17	FURNISH AND INSTALL TRANSFER BRIDGE FLOAT	LS	1	\$600,000	\$600,000
18	FURNISH AND INSTALL LIFE RINGS	EA	4	\$1,200	\$4,800
19	FURNISH AND INSTALL FIRE EXTINGUISHERS	EA	4	\$1,200	\$4,800
20	FURNISH AND INSTALL 150# ANODES	EA	69	\$1,200	\$82,800
21	FURNISH AND INSTALL MECH BUILDING	LS	1	\$60,000	\$60,000
22	ELECTRICAL, MECHANICAL, AND LIGHTING	LS	1	\$315,600	\$315,600
	SUB TOTAL CONSTRUCTION				\$4,252,160

ESTIMATED CONSTRUCTION COST

HAINES LUTAK DOCK - NEW BARGE RAMP OPTION 2

NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
	TOTAL CONSTRUCTION				\$7,182,160
A	DESIGN UPLAND SURVEY	LS	1	\$55,000	\$55,000
B	DESIGN HYDROGRAPHIC SURVEY	LS	1	\$20,000	\$20,000
C	DESIGN GEOTECH PROGRAM	LS	1	\$140,000	\$140,000
D	DESIGN (10% OF CONSTRUCTION)	LS	1	\$718,216	\$718,216
E	PERMITTING CLEAN WATER ACT SECTION 10 AND 404	LS	1	\$20,000	\$20,000
F	PERMITTING NMFS IHA	LS	1	\$80,000	\$80,000
G	PERMITTING NEPA	LS	1	\$100,000	\$100,000
H	CONSTRUCTION ADMINISTRATION (6% OF CONSTRUCTION)	LS	1	\$430,930	\$430,930
	SUB TOTAL ENGINEERING AND ADMIN				\$1,564,146

TOTAL CONSTRUCTION & ENGINEERING COST: \$8,746,306

25% CONTINGENCY: \$2,186,577

TOTAL: \$10,933,000

ESTIMATED CONSTRUCTION COST

HAINES LUTAK DOCK - NEW BARGE RAMP OPTION 3

NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	MOB AND DEMOB	LS	1	\$2,500,000	\$2,500,000
2	CONSTRUCTION SURVEY	LS	1	\$150,000	\$150,000
3	PROTECTED SPECIES OBSERVER	LS	1	\$100,000	\$100,000
4	EROSION AND POLLUTION CONTROL	LS	1	\$25,000	\$25,000
5	SILT CURTAIN - BOOM	LS	1	\$100,000	\$100,000
	SUB TOTAL MOB AND DEMOB				\$2,875,000
6	DEMOLITION OF EXISTING RO RO RAMP	LS	1	\$35,000	\$35,000
7	DEMOLITION OF PILE CAPS AND MISC STRUCTURE	LF	200	\$510	\$102,000
8	DEMOLITION OF BUILDINGS AND TOWER STRUCTURE	LS	1	\$20,000	\$20,000
9	DEMOLITION OF SHEET PILE WALLS	SF	42,195	\$3.50	\$147,681
10	DEMOLITION OF EXISTING FENDERS	EA	2	\$2,000	\$4,000
11	DEMOLITION OF EXISTING FENDER PILES	EA	2	\$2,500	\$5,000
12	EXCAVATION AND DISPOSAL OF EXISTING FILL	CY	35,652	\$15	\$534,780
13	DREDGING AND DISPOSAL	CY	8,407	\$24	\$201,778
	SUB TOTAL DEMOLITION				\$1,050,239
14	FURNISH AND INSTALL SELECT MATERIAL TYPE A	CY	3,487	\$20	\$69,740
15	FURNISH AND INSTALL SUBBASE GRADING TYPE B	CY	228	\$25	\$5,700
16	FURNISH AND INSTALL LEVELING COURSE D-1	CY	46	\$40	\$1,840
17	FURNISH AND INSTALL CLASS I RIP RAP SLOPE PROTECTION	CY	2,302	\$102	\$234,804
18	FURNISH AND INSTALL CLASS IV RIP RAP SLOPE PROTECTION	CY	2,915	\$109	\$317,735
19	FURNISH 30" DIAMETER PIPE PILES	LF	800	\$258	\$206,400
20	INSTALL 30" DIAMETER PILING IN ROCK SOCKET	EA	10	\$25,000	\$250,000
21	FURNISH 18" DIAMETER PIPE PILES	LF	640	\$106	\$67,840
22	INSTALL 18" DIAMETER PILING IN ROCK SOCKET	EA	8	\$20,000	\$160,000

ESTIMATED CONSTRUCTION COST

HAINES LUTAK DOCK - NEW BARGE RAMP OPTION 3

NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT
23	FURNISH AND INSTALL TENSION ANCHOR	EA	12	\$35,000	\$420,000
24	FURNISH AND INSTALL 3 PILE DOLPHINS	EA	4	\$140,000	\$560,000
25	FURNISH AND INSTALL SHEETPILE COMBI WALL	LF	370	\$2,500	\$925,000
26	FURNISH AND INSTALL ABUTMENT PILE CAP	LS	1	\$30,000	\$30,000
27	FURNISH AND INSTALL TRANSFER BRIDGE	LS	1	\$1,120,000	\$1,120,000
28	FURNISH AND INSTALL TRANSFER BRIDGE FLOAT	LS	1	\$600,000	\$600,000
28	FURNISH AND INSTALL LIFE RINGS	EA	4	\$1,200	\$4,800
29	FURNISH AND INSTALL FIRE EXTINGUISHERS	EA	4	\$1,200	\$4,800
30	FURNISH AND INSTALL 150# ANODES	EA	47	\$1,200	\$56,400
31	FURNISH AND INSTALL MECH BUILDING	LS	1	\$60,000	\$60,000
32	ELECTRICAL, MECHANICAL, AND LIGHTING	LS	1	\$315,600	\$315,600
	SUB TOTAL CONSTRUCTION				\$5,410,659
	TOTAL CONSTRUCTION				\$9,335,898
A	DESIGN UPLAND SURVEY	LS	1	\$55,000	\$55,000
B	DESIGN HYDROGRAPHIC SURVEY	LS	1	\$20,000	\$20,000
C	DESIGN GEOTECH PROGRAM	LS	1	\$140,000	\$140,000
D	DESIGN (10% OF CONSTRUCTION)	LS	1	\$933,590	\$933,590
E	PERMITTING CLEAN WATER ACT SECTION 10 AND 404	LS	1	\$20,000	\$20,000
F	PERMITTING NMFS IHA	LS	1	\$80,000	\$80,000
G	PERMITTING NEPA	LS	1	\$100,000	\$100,000
H	CONSTRUCTION ADMINISTRATION (6% OF CONSTRUCTION)	LS	1	\$560,154	\$560,154
	SUB TOTAL ENGINEERING AND ADMIN				\$1,908,744

TOTAL CONSTRUCTION & ENGINEERING COST: \$11,244,642

25% CONTINGENCY: \$2,811,161

TOTAL: \$14,056,000