

SE Region - Marine Engineering

Project Construction Cost Estimate

PROJECT NUMBER: XXXX

PROJECT TITLE: Gustavus Mooring Floats - Denali Commission Project / Phase 2

Phase 1 - Timber Mooring Floats

Item No.	Item	Unit	No Rqd	Unit Qty	Unit Price	Total Quantity	Amount
1	Mobilization / Demobilization	LS			\$75,000	All Req'd.	\$75,000
2	16' x 25' Skiff Haul-Out Floats	SF	3	400	\$65	1,200	\$78,000
3	10'x16' Side Floats (adjacent to skiff Floats)	SF	2	160	\$65	320	\$20,800
4	12'x25' Sectional Floats	SF	4	300	\$65	1,200	\$78,000
5	16" x 1/2" Galv Steel Piles, Furnished	LF	7	80	\$70.00	560	\$39,200
6	16" x 1/2" Galv Steel Piles, Driven	EA	7	1	\$4,000	7	\$28,000
7	100 lb Anodes	EA	7	1	\$1,000	7	\$7,000

Construction Item Totals = \$326,000

Contingencies @ 15% = \$48,900

Design & Permitting = \$50,000

Construction Engineering = \$50,000

Construction & Design Totals = \$474,900

ICAP @ 4.88% = \$23,175

Project Totals = \$498,075

Prepared by: KDM

Date: 10/23/07

Checked by:

Date:

\$500

SE Region - Marine Engineering

Project Construction Cost Estimate

PROJECT NUMBER: XXXX

PROJECT TITLE: Gustavus Mooring Floats - Denali Commission Project / Phase 2

Phase 2 - Steel Mooring & Breakwater Float

Item No.	Item	Unit	No Rqd	Unit Qty	Unit Price	Total Quantity	Amount
1	Mobilization / Demobilization	LS			\$250,000	All Req'd.	\$250,000
2	10' x 40' Walkway Floats	SF	1	400	\$65	400	\$26,000
3	14' x 180' Steel Mooring & Breakwater Float	SF	1	2,520	\$175	2,520	\$441,000
4	16" x 1/2" Galv Steel Piles, Furnished	LF	2	80	\$70.00	160	\$11,200
5	16" x 1/2" Galv Steel Piles, Driven	EA	2	1	\$4,000	2	\$8,000
6	20" x 1/2" Galv Steel Piles, Furnished	LF	10	100	\$90.00	1,000	\$90,000
7	20" x 1/2" Galv Steel Piles, Driven	EA	10	1	\$5,000	10	\$50,000
8	100 lb Anodes	EA	12	1	\$1,000	12	\$12,000

Construction Item Totals = \$888,200

Contingencies @ 15% = \$133,230

Design & Permitting = \$125,000

Construction Engineering = \$125,000

Construction & Design Totals = \$1,271,430

ICAP @ 4.88% = \$62,046

Project Totals = \$1,333,476

Prepared by: KDM

Checked by:

Date: 10/23/07

Date:

\$1.5

SE Region - Marine Engineering

Project Construction Cost Estimate

PROJECT NUMBER: XXXX

PROJECT TITLE: Gustavus Mooring Floats - Denali Commission Project

Item No.	Item	Unit	No Rqd	Unit Qty	Unit Price	Total Quantity	Amount
1	Mobilization / Demobilization	LS			\$250,000	All Req'd.	\$250,000
2	16' x 25' Skiff Haul-Out Floats	SF	3	400	\$65	1,200	\$78,000
3	10'x16' Side Floats (adjacent to skiff Floats)	SF	2	160	\$65	320	\$20,800
4	12'x25' Sectional Floats	SF	4	300	\$65	1,200	\$78,000
5	10' x 40' Walkway Floats	SF	1	400	\$65	400	\$26,000
6	14' x 180' Steel Mooring & Breakwater Float	SF	1	2,520	\$175	2,520	\$441,000
7	16" x 1/2" Galv Steel Piles, Furnished	LF	9	80	\$70.00	720	\$50,400
8	16" x 1/2" Galv Steel Piles, Driven	EA	9	1	\$4,000	9	\$36,000
9	20" x 1/2" Galv Steel Piles, Furnished	LF	10	100	\$90.00	1,000	\$90,000
10	20" x 1/2" Galv Steel Piles, Driven	EA	10	1	\$5,000	10	\$50,000
11	100 lb Anodes	EA	19	1	\$1,000	19	\$19,000

Construction Item Totals = \$1,139,200

Contingencies @ 15% = \$170,880

Design & Permitting = \$175,000

Construction Engineering = \$175,000

Construction & Design Totals = \$1,660,080

ICAP @ 4.88% = \$81,012

Project Totals = \$1,741,092

Prepared by: KDM

Checked by:

Date: 10/23/07

Date:

\$2.0 mil