

Monday, October 26, 2009

MEMORANDUM

To: Sawmill Cove Industrial Park (SCIP) Board of Directors
From: Garry White, Director
Subject: Utility Dock

Introduction

The SCIP Board has suggested that Fred Monrean of Monrean Engineering & Associates Inc. be contacted in regards to estimate costs to repair the Utility Dock.

Background

The SCIP discussed fixing the Utility Dock in 05/09. Detailed report on the state of the dock from Reid Middleton (dated 1999) can be found in the meeting minutes of 05/28/09.

Additional Information

PND Engineers was contacted in 05/09 in regards to estimated costs to investigate the dock further by the firm. This information was presented to the Board on 05/28/09.

- Estimated \$2-3k to have a person from their firm do a visual inspection of the dock.
- Estimated \$8-10k to have a team of engineers visually inspect the dock and give recommendations on usage.
- Estimated \$50k+ to complete core samples of the concrete deck and determine overall strength of deck and pilings for intended heavy use of the dock.

Attached is the cost estimate provided by Monrean Engineering.

Received via email October 15, 2009

Linda:

Transmitted is a proposal for your consideration.

I would suggest as a minimum you might want to start w/ items 1 & 2.

There was a good set of plans for the Pulp Dock and the City e-mailed a copy of that to me when we did the Silver Bay Seafoods Dock Repairs.

I am assuming a copy of this dock can be sent as well. Having a set in hand during the site visit will facilitate it greatly.

We have a diver, crew and boat we work with in Ketchikan, can you give me the name of a good commercial diver in Sitka.

We would also need a skiff for this phase of the inspection.

Fred

MONREAN ENGINEERING & ASSOC. INC.

P.O. Box 9343
 Ketchikan, Alaska 99901
 (907) 247-5920 FAX (907) 247- 5918
 fmonrean@kpnnet.net

PROJECT ENGINEERING FEE ESTIMATE for the:

Sitka Utility Dock At Silver Bay (a 200' x 85' steel & concrete dock dating from 1958)

15-Oct-09

PHASE I	Architect	ENGINEER	ELECTRICAL ENGINEER	CLERICAL/ DRAFTING	Survey Crew	EXPENSE	TOTAL (\$)
1. Site Visit & Inital Assessment		16				\$1,272	3,112
2. Prepare Engineering Report		8.0					920
3. Draft plan of Dock on Auto Cad 2010				6.0			480
4. List of Minimum Repairs From Low Tide Visual		8.0					920
5. Preliminary Design of Minimum Repairs		16.0					1,840
6. Preliminary Cost Estimate of Minimum Repairs		8.0					920
7. Estimate of Additional Eng. Scope & Cost		3.0					345
TOTAL PHASE I	0.0	59.0	0.0	6.0	0.0	1272.3	\$8,537

PHASE II	ARCHITECT	ENGINEER	ELECTRICAL ENGINEER	CLERICAL/ DRAFTING	Survey Crew	EXPENSE	TOTAL (\$)
1. Diver Pressure Wash Piles (if required)							
2. Diver Vidio Piles and Report							
3. Representative Sample of Pile Thickness							
4. Develop List of Required Repairs							
5. Design of Repairs							
6. Engineers Estimate of Cost of Repairs							
TOTAL PHASE II	0.0	0.0	0.0	0.0	0.0	0.0	0.0


PHASE III	ARCHITECT	ENGINEER	ELECTRICAL ENGINEER	CLERICAL/ DRAFTING	Survey Crew	EXPENSE	TOTAL (\$)
to be determined							
TOTAL PHASE III	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PHASE IV	ARCHITECT	ENGINEER	ELECTRICAL ENGINEER	CLERICAL/ DRAFTING	Survey Crew	EXPENSE	TOTAL (\$)
to be determined							
TOTAL PHASE IV	0.0	0.0	0.0	0.0	0.0	0.0	0.0

PROJECT TOTALS: **0.0** **59.0** **0.0** **6.0** **0.0** **1272.3** **\$8,537**

Proposal Offered By:

Proposal Accepted By:


 Date

Date

Fred D. Monrean P.E. President

CEO

Monrean Engineering & Assoc. Inc.

Sitka Economic Development Assoc.

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329 Harbor Drive

Ketchikan, Alaska 99901

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