

Western Regional Office 6752 Preston Avenue Suite D Livermore, CA USA 94551-8528 T 925.960.8770 F 925.960.8774 www.morriscranes.com

Quotation No. MB102008

SERVICE QUOTATION

TO:	Darryl Severenson	
COMPANY:	Lick Observatory / U.C.	
	Santa Cruz	
TITLE:		
TELEPHONE #:	(831)459-5954	
FAX #:	(831)459-5928	

DATE:	October 20, 2008	
FROM:	Mike Barthman	
TITLE:	Service Manager	
TELEPHONE #:	925-960-8770	
FAX #: 925960-8774		

We are pleased to offer the following quotation for you review and approval:

SCOPE OF WORK:

Provide proposal to repair shutter tension points, this proposal includes labor and materials to upgrade the four tension points on your shutter open and closing system. We are proposing to remove the existing tensioning system and manufacture a set of sheaves which incorporates a tension system built in. This proposed system will eliminate the point of failures at each of the four connection points. One continuous wire rope will be required for each "Open / Close" connection point. This proposal will also make the system safer due to no wire rope clips. The proposed upgrade will take approx 4 days per connection point using customer supplied wire rope.

PRICE.....\$60,033.00

Manlift or other equipment, if required, to be supplied by customer, or billed at cost plus 15%.

TERMS OF PROPOSAL

This quote/proposal is subject to the Morris Material Handling (Maintenance Services) Standard Terms and Conditions of Sale (Revision 010107), a copy of which is attached hereto or otherwise available upon request and the terms of which are incorporated as if fully rewritten herein. Subject to credit approval, payment net 30 Days. Visa, MasterCard and American Express accepted.

ADDITIONS AND CLARIFICATIONS

Prices are firm for acceptance within thirty (30) days from date of quotation. The following are not included in the quoted price:

- Installation labor, unless otherwise specified.
- · Freight and applicable taxes.
- Personnel for safety or ground watch.
- Union labor.

Prices are based on all work being done during regular working hours, 7:00am to 4:00pm, Monday to Friday unless otherwise stated. Travel time is included. Service technicians' must have free and clear



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access and the area should be free from obstructions that may impede their progress. Additional cost may be incurred if these conditions are not met.

We appreciate your business. Please call me directly with any questions. For your convenience, you can fax this signed letter or forward a Purchase Order to \dots

FAX: 925.960.8774

N	Cimpture	P.O.#
Name(printed):	Signature:	F.U.#



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MIKE:

LIUK-

- 1) EHGINEERING (DIG) Requires 3 Repe clips
- 2) CROSPA Requiers 3 Rope CLIPS
- 3) SYGTEM REQUILS LOAD SHAPPING ON ALL CABLES
- 4) Repair I cade would require the other side to be Adjusted to be able to Load share all four (able
- 5) if clips pull again (if installed "to get by) what then?
 (6) with out proper load share; Shutter could Dry any time. Very Dangerous! who would own leability
- =) suggestion below Low # impact, easy to install / fabricale easy to adjust! Would be only I rope and NO Clips!

A will all before entry to Crane @ lockhed

Suggested: I rope per evide W/achprot must

Poplace 12+ gear W/9/16 grooved publicy (x2)

Fabricate Shaft

Whe I 9/16 groove publicy

Fabricate bracket

Attack shack rocks here

whe Exercting ady Rocks

Stelf Adjustake





