Detailed Description of Crane

Capacity:	5-Ton (10,000 lb. live load)
Crane Span:	30'-0
Bridge Girders:	Two (2) 16" deep patented track girders on 9'-0 centers with notched ends to minimize headroom.
End Trucks:	Two (2) long wheelbase double girder end trucks each with eight (8) 6 1/2" diameter wheels. 13'-3 Pin centers with 15" wheel centers.
Drives:	Two (2) Whiting tractor drives with 1/2 H.P. motors mounted to end trucks.
Travel Speed:	Approximately 100 FPM single speed
Trolley:	One (1) double girder trolley each with four (4) 5" diameter wheels each side.
Trolley Wheel Base:	48 inches
Trolley Speed:	(Not known at this time.)
Hoist:	Yale 5-Ton electric wire rope deck mount hoist
Reeving:	2-Part double
Lift Speed:	20/7 FPM two-speed
Power Supply:	Box track flat cable festoon system mounted off bridge girder to supply power and control signals to trolley hoist.
Control Arrangement:	8-Button pushbutton pendant on independent traveling festoon system.
Voltage:	460-3-60 Mainline 115 Volt Control
Paint:	Safety yellow

Runway

- One (1) lot approximately 360'-0 of 14 inch runway beam pre-fabricated for bolt direct connection to support headers.
- 24 Welded web splice plates
- 4 Bolted runway end stops
- 180'-0 of 3-phase insulated electrification mounted off runway beams on 5'-0 centers.

Support Structure

One (1) lot design, material and fabrication for a complete free-standing support structure.

Note: - New cross support headers will be connected to existing building columns for lateral leads only. All vertical crane loads will be supported by new columns.

- New column base plate design will be based on the existing concrete floor being 8 inches thick.

Installation

One (1) lot supervision, labor, tools and equipment to receive, unload, install and start-up complete crane system.

Installation will be performed by Ely Crane non-union field personnel and its sub-contractors, during normal hours.

Clear and accessible work area will be required.

Items not included:

- Union labor
- Special permits or construction bonds
- Taxes
- Special security for tools and equipment
- **Removal or relocation of obstruction in craneway path.**

Pricing and Commercial Data

Total System Installed	$105,865.00
Delivery:	Approximately 8-10 weeks
Items not included:	- Taxes - 3-phase power supply to crane runway
F.O.B.:	Your plant
Payment Terms:	$30,000.00 non-refundable deposit for purchase and transfer of existing used equipment payable on 2-14-97. $30,000.00 Net 30 days after order placement. $30,000.00 upon shipment or when ready to ship $15,865.00 Net 30 days after installation and start-up. 1 1/2% Service charge per month on all past due invoices.
Taxes:	No federal, state or local taxes have been included. In the event of an order, please advise if taxes are to be charged and we will invoice them as a separate item. If the order is tax exempt, we will need your sales tax number on file.

Entire Offer

This quotation, including all referenced documents, constitutes the entire offer of Ely Crane & Hoist Company and supersedes all previous bids, proposals, or offers, whether written or oral. Any changes or modifications to this quotation will be considered binding only if modified in writing and signed by an authorized agent of Ely Crane & Hoist Company.

Limitation of Liability

Ely Crane & Hoist Company (Ely) on any claim of any kind, including claims based upon Ely negligence, for any loss or damage arising out of, connected with, or resulting from this contract, or from their performance or breach thereof, or from the manufacture, sale, delivery, resale, repair or use of any equipment covered by or furnished under the contract shall in no case exceed the purchase price allocable to the equipment or part thereof which gives rise to the claim. In no event shall Ely be liable for special, incidental, or consequential damages.

We thank you for the opportunity to be of service, and look forward to working with you.

Very truly yours,
Ely Crane & Hoist Company
Div. of E.L. Industries, Inc.

Ron Rullo

RR:ah
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Enclosure: Drawings

This proposal is hereby accepted this 10TH day of FEBRUARY, 1997. Company MAHAR SPAR IND

By R D Schilg

Title GM