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**Techline Sports Lighting System
TIPS/TAPS - BuyBoard Proposal
Chico ISD - Football Stadium**

Game Scene - 50 FC Light Level

Practice Scene - 25 FC Light Level

Quantity	Description
4	70 foot mounting height steel poles
4	70' - 14 fixture crossarms
56	1500 watt metal halide luminaires
56	1500 watt metal halide lamps
4	400 Watt Security Light w/ Mounting Bracket
1	EcoLink Wireless Control System
4	Prewiring for poles and crossarms

Sports Lighting System = \$64,000.00

Turnkey Installation = \$45,000.00

Total Turnkey Install = \$109,000.00

- Notes:
- * Price includes poles & prewired crossarms, light fixtures, and lamps.
 - * Price includes delivery to jobsite.
 - * Price firm for 60 days.
 - * Allow 2-3 weeks for delivery and 2-3 weeks for installation.
 - * Turnkey installation includes:
 - Reusing main distribution panel, breakers, contactors and switching. based on 480 volt three phase service being available within 150' of fields.
 - Reuse individual conduit and wiring for each pole sized accordingly. No more than 3% voltage drop shall be allowed.
 - All wiring to be copper type THHN.
 - Includes all permits, fees and inspections associated with the project.
 - All electrical installation to meet National Electric Code requirements.
 - * Standard turnkey installation foundations assume 2000 psi soil conditions. Any other conditions that may be present upon installation (i.e. rock, water, etc.) that cause additional foundation design or modification (i.e. rebar, casing, etc.) may require additional charges.
 - * Pole locations must also be accessible and not obstructed by fencing, buildings, etc.
 - * Price above does not include SALES or USE taxes. If the organization purchasing the system is tax exempt a tax exemption certificate must be filed with Techline Sports Lighting.

**** Includes DEMO of existing sports lighting system.**

- **Control & Monitoring System:** Control Link provides flexible control and solid management of your lighting system. On/off control of your lighting system is provided via an easy-to-use web site scheduling system, phone, fax, or email. Our trained Control-Link Central™ staff is available toll-free 24/7. Musco will monitor the performance of your lighting system, and if fixture outages that affect playability are detected, we will contact you and dispatch repair technicians.

We estimate your lighting projects will cost as follows:

\$169,000 to \$179,000 Football/Track

\$177,000 to \$188,000 Baseball

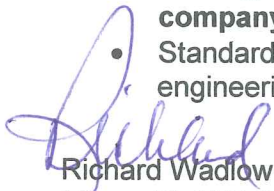
\$ 90,000 to \$ 96,000 Softball

All Fields together will cost between \$395,000 to \$425,000

Pricing is based on September 2011 pricing and is subject to change. The pricing is also based on what we call "approved engineering designs." With intent to move forward, we will have engineered designs created based on the specifics of your field measurements and locations to one another. It is quite possible that common poles may be used between the baseball and softball fields which could reduce the projected cost. It is also possible that if allowed to move forward based on a "turnkey" purchase of our product with installation by an experience Musco Installer that the projected cost could be reduced even more. We will be glad to get three contractors who are experienced sports lighting installers to bid their install costs to us and pass on the results of those bids to you through a Texas Buy Board, or Tips and Taps Cooperative Quote.

Budget Estimate Criteria

- Guaranteed light levels of 50 footcandles on the infield and 30 on the outfield for Baseball and Softball Diamonds and 50 footcandles on the Football Field, within +/- 10% per IESNA guidelines.
- Confirmation of voltage and phase prior to shipment
- Structural code and wind speed = 2006 IBC, 90 MPH
- Musco is a lighting manufacturer and not an electrical contractor. Installation estimates are based upon projects similar in scope.
- **Getting electrical power to the site, coordination with the utility, and any power company fees are responsibility of the owner (if not currently available).**
- Standard soil conditions. Rock, bottomless, wet or unsuitable soil may require additional engineering, special installation methods and additional cost.



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Certified Track Builder on Staff

Please do note that the existing asphalt must be within tolerance (1/4" in 10 ft any given direction), it is not possible to determine if the asphalt is in good conditions without removing the existing surface and exposing the clean asphalt. It is to the owner's advantage that the new track installation is done over a good asphalt base, otherwise the school will not get back their investment.

The existing asphalt must support the weight of the construction equipment during the removal process and the installation of the synthetic surface. For the most cases the use of a box blade tractor (Case 570) is sufficient but there could be a need of a small motor grader for the removal of the existing surface, if the asphalt start to show any type of movement or pumping we will immediately stop and notify the owner, unless there is a geo-tech report with moister conditions, density test and compaction percentage, it is not possible to determine if the asphalt will hold, nor would it be fair to hold the contractor responsible for such event.

There are no visible indications that the asphalt would not hold, but we do need to proceed with caution at the beginning of the project.

Poly Mat Surface.....	\$ 100,395.00
Poly Mat Track Structural Spray Red.....	\$ 134,981.00
Poly Mat Track Structural Spray Black.....	\$ 129,024.00

**Please ADD 1% if Fisher Tracks is to provide a performance bond.*

Fisher Tracks, Inc. is part of the TCPN program under the umbrella of Sports Surfaces Distributors Inc., if the District decides to use the TCPN program please add 2% to the final price, this will avoid having to go thru the public bidding process and cover administrative expenses related with the program also will assure a responsible and knowledgeable contractor will be the one working on the project.

If you have any questions please do not hesitate to call.

BY:

Victor Quiroga

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Signature _____
Print _____
Date _____
PO# _____

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