

## Scope of Work

### Patterson Sports Complex Phase 2 Patterson, CA Turnkey Scope of Work

#### Customer Responsibilities:

1. Complete access to the site for construction using standard two- wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by "One Call" and mark all irrigation systems and sprinkler heads. Musco or Subcontractor will not be responsible for repairs to unmarked utilities.
3. Locate and mark field reference points per Musco supplied layout.
4. Pay for extra costs associated with foundation excavation in non-standard soils (rock, caliche, high water table, collapsing holes, etc.). Standard soils are defined as soils that can be excavated using standard earth auguring equipment.
5. Owner responsible for any power company fees and requirements. **(If necessary).**
6. Owner responsible for all permitting fees (payment). Contractor will obtain the required permitting.
7. Provide area on site for disposal of spoils from foundation excavation- to be placed behind pole C2.
8. Owner responsible for tree trimming that will affect lighting on the field.

#### Musco Responsibilities:

1. Provide required poles, fixtures, and foundations.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management as required.
4. Provide stamped foundation designs based on 2500psf soils.
5. Musco shall provide Performance and Payment Bonds in an amount equal to the total amount of bid. **(Only if Required, Not included in quote)**

#### Musco Subcontractor Responsibilities:

1. Provide equipment and materials to off load equipment at jobsite per scheduled delivery.
2. Provide storage containers for material, (including electrical components enclosures), as necessary and waste disposal.
3. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
4. Obtain any required permitting.
5. Provide sealed Electrical Plans.
6. Provide materials and equipment to tie into existing 480V 3 phase electrical service panels as required or necessary.
7. Provide materials and equipment to install all underground conduit, wiring, pull boxes etc. and terminate wiring as required per electrical design.
8. Confirm the existing underground utilities and irrigation systems have been located and are clearly marked so as to avoid damage from construction equipment. Repair any such damage during construction.
9. Provide materials and equipment to install (4) Light Structure® System foundations as specified on Layout.
10. Remove spoils to owner designated location at jobsite – to be placed behind pole C2.
11. Provide materials and equipment to assemble (33) TLC-LED fixtures and terminate all necessary wiring.
12. Provide equipment and materials to assemble and erect (4) Light Structure® System Poles. Add additional LED fixtures to (2) existing poles(A2 & B2).
13. Provide equipment and materials to install a Lighting Contactor Cabinet and terminate all necessary wiring.
14. Provide step down transformer for 120v control circuit if not available.
15. Contractor will commission Control- Link® by contacting Control- Link Central™ Service Center at (877-347-3319).
16. Check all Zones to make sure they work in both auto and manual mode.
17. Set base line for the DAS (Diagnostic Acquisition System)
18. Keep all heavy equipment off of playing fields when possible. Repair damage to grounds which exceeds that which would be expected. Indentations caused by heavy equipment traveling over dry





ground would be an example of expected damage. Ruts and sod damage caused by equipment traveling over wet grounds would be an example of damage requiring repair.

19. Provide startup and aiming as required to provide complete and operating sports lighting system.
20. Provide as built drawings on completion of installation.