

Sourcewell RFP #041123-MSL Sports Lighting with Related Supplies and Services

Manufacturer: Musco Sports Lighting, LLC

Address: 211 2nd Ave West

City, State, Zip Code: Oskaloosa, IA 52577

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Pricing:

All prices are stated in USD. Project pricing in CAD is available upon request. Lighting system pricing stated below includes lighting system materials, lighting design & consultant services and delivery within the State of Minnesota to the job site. Additional freight cost may be incurred outside of the State of Minnesota.

Terms: Net 30 days upon delivery

Light-Structure System™ with Total Light Control – TLC for LED™ technology includes poles, precast concrete bases, LED fixtures, luminaire assemblies, electrical component enclosures and wire harnesses.

Light-Structure System™ with Total Light Control – TLC for LED™ technology pricing includes a 25-year product assurance & warranty program and Control-Link® Control & Monitoring package.

Football Utilizing LED luminaires – Light-Structure System™

Football					
Field Size	Pole Setback	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
360' x 160'	50'	30 fc	\$182,792	50 fc	\$269,704
360' x 160'	80'	30 fc	\$218,368	50 fc	\$320,051
360' x 160'	100'	30 fc	\$251,287	50 fc	\$324,065
360' x 160'	120'	30 fc	\$251,803	50 fc	\$373,626

Soccer Utilizing LED luminaires – Light-Structure System™

Soccer					
Field Size	Pole Setback	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
330' x 195'	30'	30 fc	\$156,705	50 fc	\$231,820
360' x 210'	30'	30 fc	\$171,054	50 fc	\$264,562
360' x 225'	30'	30 fc	\$186,200	50 fc	\$313,155



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Baseball/Softball Utilizing LED luminaires – Light-Structure System™

Baseball/Softball					
Field Type	Field Size	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
		(Inf/Out)		(Inf/Out)	
60' Base Path	200'	30/20 fc	\$114,116	50/30 fc	\$154,009
60' Base Path	225'	30/20 fc	\$138,279	50/30 fc	\$165,098
60' Base Path	250'	30/20 fc	\$152,542	50/30 fc	\$190,046
60' Base Path	300'	30/20 fc	\$192,242	50/30 fc	\$234,100
60' Base Path	325'	30/20 fc	\$204,549	50/30 fc	\$260,508
90' Base Path	300'	50/30 fc	\$272,230	70/50 fc	\$366,583
90' Base Path	300'/325'/300'	50/30 fc	\$276,738	70/50 fc	\$376,393
90' Base Path	350'	50/30 fc	\$332,666	70/50 fc	\$454,080
90' Base Path	320'/360'/320'	50/30 fc	\$315,119	70/50 fc	\$433,750
90' Base Path	330'/400'/330'	50/30 fc	\$348,827	70/50 fc	\$528,994

Tennis Utilizing LED luminaires – Light-Structure System™

Tennis		
# Courts	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
2	50 fc	\$71,704
3	50 fc	\$81,855
4	50 fc	\$106,590
6	50 fc	\$154,316

Pickleball Utilizing LED luminaires – Light-Structure System™

PICKLEBALL		
# Courts	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
2	50 fc	\$39,294
3	50 fc	\$61,800
4	50 fc	\$72,393

Basketball Outdoor Utilizing LED luminaires – Light-Structure System™

Basketball - Outdoor		
# Courts	Average Maintained Light Level	Price for Light-Structure TLC-LED Materials
1	50 fc	\$60,533

Parking Lot Utilizing LED luminaires

Parking Lot - 10 year parts and labor warranty			
Parking Lot Area	Light Level	Price for LED Materials	Price per Square foot (to be used for alternate size areas)
320' x 200'	1 fc	\$47,347	\$0.74/sq ft



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Transportation and Infrastructure Utilizing LED luminaires – Light-Structure System™

Transportation & Infrastructure - Constant 10™ warranty		
Area Size	Light Level	Price for Light-Structure TLC -LED Materials
2000' x 500'	1 fc	\$0.29/per sq ft
2000' x 500'	5 fc	\$0.50/per sq ft

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Musco’s System Upgrade Solutions technology includes LED fixtures, luminaire assemblies, electrical component enclosures and wire harnesses (does not include poles and precast concrete bases).

Musco’s System Upgrade Solutions technology pricing includes a 10-year product assurance & warranty program and optional Control-Link® Control & Monitoring package. The Constant 10™ warranty is contingent upon a site inspection.

Football Utilizing LED luminaires – System Upgrade Solutions

Football					
Field Size	Pole Setback	Average Maintained Light Level	Price for System Upgrade Solutions Materials	Average Maintained Light Level	Price for System Upgrade Solutions Materials
360' x 160'	50'	30 fc	\$139,852	50 fc	\$196,757
360' x 160'	80'	30 fc	\$154,973	50 fc	\$219,674
360' x 160'	100'	30 fc	\$155,297	50 fc	\$220,074
360' x 160'	120'	30 fc	\$155,948	50 fc	\$233,689

Soccer Utilizing LED luminaires – System Upgrade Solutions

Soccer					
Field Size	Pole Setback	Average Maintained Light Level	Price for System Upgrade Solutions Materials	Average Maintained Light Level	Price for System Upgrade Solutions Materials
330' x 195'	30'	30 fc	\$106,593	50 fc	\$166,777
360' x 210'	30'	30 fc	\$115,303	50 fc	\$188,810
360' x 225'	30'	30 fc	\$129,854	50 fc	\$209,970

Baseball/Softball Utilizing LED luminaires – System Upgrade Solutions

Baseball/Softball					
Field Type	Field Size	Average Maintained Light Level	Price for System Upgrade Solutions Materials	Average Maintained Light Level	Price for System Upgrade Solutions Materials
		(Inf/Out)		(Inf/Out)	
60' Base Path	200'	30/20 fc	\$76,110	50/30 fc	\$106,870
60' Base Path	225'	30/20 fc	\$88,691	50/30 fc	\$114,867
60' Base Path	250'	30/20 fc	\$94,752	50/30 fc	\$132,064
60' Base Path	300'	30/20 fc	\$130,950	50/30 fc	\$167,135
60' Base Path	325'	30/20 fc	\$139,660	50/30 fc	\$180,600
90' Base Path	300'	50/30 fc	\$188,656	70/50 fc	\$255,890
90' Base Path	300'/325'/300'	50/30 fc	\$192,284	70/50 fc	\$265,373
90' Base Path	350'	50/30 fc	\$225,426	70/50 fc	\$322,167
90' Base Path	320'/360'/320'	50/30 fc	\$214,708	70/50 fc	\$321,809
90' Base Path	330'/400'/330'	50/30 fc	\$230,627	70/50 fc	\$352,581



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Tennis Utilizing LED luminaires – System Upgrade Solutions

Tennis		
# Courts	Average Maintained Light Level	Price for System Upgrade Solutions Materials
2	50 fc	\$49,472
3	50 fc	\$52,685
4	50 fc	\$69,380
6	50 fc	\$102,912

Pickleball Utilizing LED luminaires – System Upgrade Solutions

PICKLEBALL		
# Courts	Average Maintained Light Level	Price for System Upgrade Solutions Materials
2	50 fc	\$26,966
3	50 fc	\$36,939
4	50 fc	\$46,954

Basketball Outdoor Utilizing LED luminaires – System Upgrade Solutions

Basketball - Outdoor		
# Courts	Average Maintained Light Level	Price for System Upgrade Solutions Materials
1	50 fc	\$40,029

Basketball Indoor Utilizing LED luminaires

Basketball - Indoor - 10 year parts and labor warranty		
# Courts	Light Level	Price for System Upgrade Solutions Materials
1 – 94' x 50'	75 fc	\$46,724

Arena Utilizing LED luminaries - System Upgrade Solutions

Arena				
	Seats	Fixture Mounting Heights	Light Level Horizontal and Vertical	Price for System Upgrade Solutions Materials
Hockey and/or Basketball Arena	<10,000	<80	75 fc - 100 fc	\$340,000
Hockey and/or Basketball Arena	10,000 - 15,000	<100	100 fc - 145 fc	\$398,000
Hockey and/or Basketball Arena	>15,000	>100	150 fc	\$794,000

Transportation and Infrastructure Utilizing LED luminaires – System Upgrade Solutions

Transportation & Infrastructure - Constant 10™ warranty		
Area Size	Light Level	Price for System Upgrade Solutions Materials
2000' x 500'	1 fc	\$0.22/per sq ft
2000' x 500'	5 fc	\$0.41/per sq ft



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Mini-Pitch System™ Modular Sports Solution

Mini-Pitch System™ - 10 year parts and labor warranty		
	Light Level	Price for TLC-LED Materials
40' x 84'	25 fc	\$80,000
50' x 104'	20 fc	\$85,000
60' x 120'	15 fc	\$90,000

Supplemental Items

Supplemental Items	
	Price for Materials
Control-Link Retrofit (adapts to existing contactors - Control Module Only, (1) service up to 7 zones - Warranty is 10 years parts & labor	\$12,000/Unit
TLC for LED® RGB-U Fixture	\$6,000/fixture
TLC for LED® RGBW Fixture	\$6,000/fixture
Moving Head Fixtures – indoor	\$9,800/ fixture
Moving Head Fixtures- outdoor	\$22,000/ fixture

Value Added Items

Communication-Structure System™ - 10 year parts and labor warranty*		
Class	Height (ft)	Price for Materials
40B	40	\$7,415
50D	50	\$9,968
60F	60	\$13,417
70E	70	\$13,635
70F	70	\$17,540
80C	80	\$14,045
80D	80	\$20,076
90B	90	\$16,336
90C	90	\$20,481
100B	100	\$16,339
100C	100	\$20,699
110B	110	\$16,330
110C	110	\$22,500
120A	120	\$23,400
130A	130	\$23,807
150B	150	\$35,320

*Freight not included



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- A. Lighting system pricing stated above includes lighting system materials, lighting design & consultant services and delivery within the State of Minnesota to the job site. Additional freight may be incurred outside of the State of Minnesota.
- B. During the term of this contract, technical upgrades to these products may periodically become available and will be offered to the owner. Bidder reserves the right to supply upgraded technology provided it maintains on-field lighting performance and enhances benefit.
- C. The pricing is based on using Musco's typical 5700 Kelvin/75 CRI LED fixtures. Other Kelvin & CRI LED fixture combinations are available and may add additional cost.
- D. The pricing is based on using 480v; other voltage options are available and may add additional cost.
- E. During the term of this contract if the Building Codes/Wind Speeds change, Bidder reserves the right to adjust pricing accordingly. Quote for bid based on structural code and wind speed of IBC 2018, 110 mph, Exposure C. A change in building code and wind speed will have a direct effect on the bid price based on percentage increase. Alternate price for increasing building code in 10 mph increments (based from 110 mph): State in a value of % over base pricing for each field: 10% per every 10-mph increment.
- F. Pricing is based on using Musco's Control-Link® Control & Monitoring package. Musco's Show-Light® entertainment services packages are available and will increase the equipment cost by 20%. Musco is not responsible for obtaining rights to or any cost associated with music licenses.
- G. The pricing can also include equipment installation. Labor and materials for the complete installation, including but not limited to foundations, pole erection, trenching, backfill, conduit, wire, electrical distribution and service cabinet(s) and site restoration shall utilize the current RS Means pricing, coefficient and must also include the appropriate City Cost Index.
- H. Manufacturers do not have to list electrical sub-contractors; however, the owner has the right to reject through the submittal process, sub-contractors not licensed with the local jurisdiction.
- I. Sales tax, labor, and unloading of equipment is not included as part of the materials-only quote.
- J. Quote based on shipment of entire project together to one location. Delivery time of order, submittal approval, and confirmation of order details including voltage and phase and pole location is approximately 10-12 weeks (standard shipping).
- K. Confirmation of pole locations required prior to production, due to the built-in custom light control per luminaire.
- L. As an option, Musco may provide services to the owner, at an additional cost, to perform regular and ongoing maintenance- related services.
- M. Due to the custom nature of sports lighting, assembly times from delivery will vary based on specific project scope, on a per project basis.
- N. Standard soil conditions-rock, bottomless, wet, or unsuitable soil may require additional engineering special installation methods and additional cost.
- O. This price list should not be considered complete and exhaustive due to the nature of each project being a unique, custom design-build situation.

End of Bid

