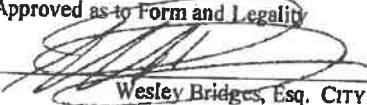


RESOLUTION

No. 24-534

Date of Adoption DEC 05 2024

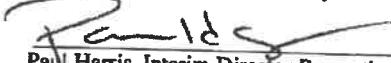
Approved as to Form and Legality


Wesley Bridges, Esq. CITY ATTORNEY

Councilman/woman

SPONSORED BY:

Factual content certified by


Paul Harris, Interim Director Recreation, Natural Resources & Culture

presents the following Resolution:

**RESOLUTION AUTHORIZING A CONTRACT FOR THE PURCHASE AND
INSTALLATION OF A LIGHT STRUCTURE SYSTEM WITH TOTAL LIGHT CONTROL
- TLC FOR LED TECHNOLOGY FOR CADWALADER PARK TENNIS COURTS,
BASKETBALL COURTS, AND LOWER GULLY FIELD IN THE CITY OF TRENTON,
AWARDED TO MUSCO LIGHTING, P.O. BOX 808 OSKALOOSA, IA 52577 AWARDED
THROUGH EDUCATIONAL SERVICES COMMISSION OF NEW JERSEY ESCNJ 24/25-
06; FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD, IN AN AMOUNT NOT
TO EXCEED \$1,321,990**

WHEREAS, the Division of Purchasing has reviewed and verified Educational Services Commission of New Jersey #ESCNJ 24/25-06 for athletic facility lighting awarded to Musco Lighting, P.O. Box 808 Oskaloosa, IA 52577 for the City of Trenton Department of Recreation, Natural Resources & Culture. Each participant must enter into their own contract. Educational Services Commission of New Jersey #ESCNJ 24/25-06 has awarded this contract from July 1, 2024 through June 30, 2026; and

WHEREAS, N.J.S.A. 40A:11-10 (a) (1) permits the City of Trenton to purchase items and provide services without the necessity of competitive bidding to purchase items and provide services without the necessity of competitive bidding under the Educational Services Commission Cooperative Pricing Agreement #ESCNJ 24/25-06; and

WHEREAS, the Department of Recreation, Natural Resources & Culture has a need for the installation of a light-structure system with total light control technology that includes poles, precast concrete bases, LED fixtures, luminaire assemblies, electrical component enclosures and wire harnesses for Cadwalader Park tennis courts, basketball courts, and lower gully field. This contract has been awarded to Musco Lighting, P.O. Box 808 Oskaloosa, IA 52577 through Educational Services Commission of New Jersey #ESCNJ 24/25-06 in an amount not to exceed \$1,321,990 for a period of one (1) year from date of award; and

WHEREAS, funds have been certified to be available in an amount not to exceed \$1,321,990 in R-01- -70-7020-418-001 .

RESOLUTION

NOW, THEREFORE, IT IS RESOLVED, by the City Council of the City of Trenton as follows:

1. The Purchasing Agent is hereby authorized to execute a purchase order with Musco Lighting, P.O. Box 808 Oskaloosa, IA 52577 in an amount not to exceed \$1,321,990 for a light structure system with total light control – tlc for led technology for Cadwalader park tennis courts, basketball courts, and lower gully field for the Department of Recreation, Natural Resources & Culture.
2. The contract is awarded without competitive bidding pursuant to N.J.S.A. 40A:11-10 (a) (1) of the Local Public Contracts Law.

MOTION: <i>Frisby</i>					SECOND: <i>Gonzalez</i>									
	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
EDWARDS	✓				GONZALEZ	✓				FELICIANO	✓			
FIGUEROA	✓				HARRISON									
KETTENBURG														
FRISBY	✓				WILLIAMS	✓								

This Resolution was adopted at a Meeting of the City Council of the City of Trenton on DEC 05 2024
Christopher Frisby
President of Council Julia Gonzalez
City Clerk

A G R E E M E N T
C I T Y O F T R E N T O N , N E W J E R S E Y
R E S O L U T I O N # 2 4 - 5 3 4

FOR THE PURCHASE AND INSTALLATION OF A LIGHT STRUCTURE SYSTEM WITH TOTAL LIGHT CONTROL – TLC FOR LED TECHNOLOGY FOR CADWALADER PARK TENNIS COURTS, BASKETBALL COURTS, AND LOWER GULLY FIELD FOR THE CITY OF TRENTON AWARDED THROUGH EDUCATIONAL SERVICES COMMISSION OF NEW JERSEY #ESCNJ 24/25-06 AWARDED TO MUSCO LIGHTING

This Agreement, entered into this **6TH Day of December 2024** between the City of Trenton, a municipal corporation of the State of New Jersey, **319 EAST STATE STREET, TRENTON, NEW JERSEY 08608** ('CITY') and **MUSCO LIGHTING, P.O. BOX 808 OSKALOOSA, IA 52577** ("Contractor"), witnesseth that:

WHEREAS, Contractor has bid, proposed or offered to furnish and deliver to the City the materials, supplies and/or goods to perform the services described in the resolution **IN AN AMOUNT NOT TO EXCEED \$1,321,990.00, FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD.**

FIRST, Contractor, under the penalty expressed in the bond hereinafter mentioned, will furnish, supply and deliver to the City of Trenton the following materials, supplies or services as authorized by:

R E S O L U T I O N A U T H O R I Z I N G A C O N T R A C T F O R T H E P U R C H A S E A N D I N S T A L L A T I O N O F A L I G H T S T R U C T U R E S Y S T E M W I T H T O T A L L I G H T C O N T R O L – T L C F O R L E D T E C H N O L O G Y F O R C A D W A L A D E R P A R K T E N N I S C O U R T S, B A S K E T B A L L C O U R T S, A N D L O W E R G U L L Y F I E L D I N T H E C I T Y O F T R E N T O N, A W A R D E D T O M U S C O L I G H T I N G, P. O. B O X 8 0 8 O S K A L O O S A, I A 5 2 5 7 7 A W A R D E D T H R O U G H E D U C A T I O N A L S E R V I C E S C O M M I S S I O N O F N E W J E R S E Y E S C N J 2 4 / 2 5 - 0 6; F O R A P E R I O D O F O N E (1) Y E A R F R O M D A T E O F A W A R D, I N A M O U N T N O T T O E X C E E D \$ 1,321,990

B. The contract shall submit with contracts with the following:

U P D A T E D C E R T I F I C A T E O F I N S U R A N C E W I T H S I G N E D C O N T R A C T O R S

C E R T I F I E D P A Y R O L L S M U S T B E S U B M I T T E D T O T H E D I V I S I O N O F P U R C H A S I N G

Such performance by contractor shall be in strict accordance with the terms and conditions of the bid specifications, the bid response and the authorizing resolution, which are included above and is incorporated by reference,. Additionally, Contractor will furnish good and ample security in a sum equal to the said contract price for the said articles and services.

SECOND. The City of Trenton will pay Contractor the total sum mentioned herein when the appropriate Department Director has executed a certification that the said articles or services have been furnished, delivered and accepted in full conformity to the aforementioned specifications and offer or proposal.

THIRD. The City of Trenton reserves the right to order a greater or lesser quantity, not to exceed twenty-five percent, of any or all of the articles named in the said offer or proposal than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the offer or proposal of Contractor shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of the City of Trenton to order such greater or lesser quantity.

FOURTH. In the event of the failure of Contractor to deliver to the City of Trenton, such articles or perform such work or labor as described in such quantities as ordered at the time stated for such delivery by the City of Trenton, or in the event that such articles as are delivered or work and labor performed do not meet the specifications or standards, as established by the City of Trenton for such articles or acceptance of such work and labor, then such delivery shall be rejected by telephone or written notice to the Agent or address indicated by the Contractor and by simultaneous and like notice to his surety. Additionally, if Contractor or his surety does not cure the default within the time set by the said Agent on behalf of the City of Trenton, then the said Agent on behalf of the City, shall have the right to procure such services or purchase such articles in their place and stead in the open market as are needed for replacement, and from the best source available in the judgment of the said Agent and to charge the expense of such articles or work performed to Contractor and to deduct the amount thereof from any moneys due or to become due to Contractor by virtue of this agreement. Provided, however, that the surety on the bond of Contractor for the faithful

performance of this agreement shall be first notified of the necessity for such replacement and given the same time allowance for such replacement as is given Contractor.

FIFTH. This contract shall not be amended, assigned or subcontracted without the consent of the City of Trenton in writing (if the total compensation payable thereunder shall thereby exceed \$2,500.00, approval by Resolution of the Governing Body shall be required), and any breach of this covenant shall authorize the City of Trenton, by its said Agent, to declare this contract null and void and to refuse to make any further payments thereunder to Contractor.

SIXTH. In case of any conflict between the provisions of this agreement and of any of the provisions of the specifications, the latter shall govern and control.

Applicable for Public Construction Contracts Only: "Dispute Resolution Procedures (N.J.S.A. 40A:11-50). Disputes arising under this contract shall be subject to mediation or non-binding arbitration at the sole discretion of the City of Trenton, before a construction industry mediator or arbitrator or panels thereof. The City of Trenton shall have the right to select a third party to mediate any disputes arising under this agreement and the mediation shall be conducted informally in a manner decided upon by the mediator".

SEVENTH. Contractor hereby agrees to pay all workmen as a minimum the prevailing wages rate in accordance with Chapter 150 of the New Jersey Laws of 1963, Prevailing Wages on Public Contracts and U.S. Department of Labor Wage Rates with the higher rate for any given occupation being the governing rate, and N.J.S.A. 10:2-1 et seq., prohibiting discrimination in employment on public contracts.

EIGHTH. During the performance of this contract, the contractor agrees as follows:

a. CONTRACTOR or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, or sex. CONTRACTOR will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. Such action shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

b. CONTRACTOR or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

c. CONTRACTOR or subcontractor where applicable, will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of CONTRACTOR's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

d. CONTRACTOR or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c.127, as amended and supplemented from time to time. (N.J.A.C. 17:27-3.4)

Note: A public works contract for a subcontractor with a total work force of four or fewer employees or for a contractor or subcontractor performing under an existing Federally approved or sanctioned affirmative action program shall contain as mandatory language only paragraphs a, b, and c above, and the contract shall not contain any other mandatory language prescribed by N.J.A.C. 17:27. (N.J.A.C. 17:27-3.4) (c)

e. All bidders and all contractors who are negotiating for a procurement or service contract with the public agency which is not subject to a federally approved or sanctioned

affirmative action program are required to submit to the public agency, prior to or at the time the contract is submitted for signing by the public agency (in accordance with N.J.A.C. 17:27-4.3 promulgated by the Treasurer pursuant to P.L. 1975, c. 127), one of the following three documents:

1. Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program; or

2. A certificate of employee information report approval issued in accordance N.J.A.C. 17:27-4; or

3. An initial employee information report consisting of forms provided by the affirmative action office and completed by the contractor in accordance with N.J.A.C. 17:27-4. (N.J.A.C. 17:27-3.3) (a)

f. CONTRACTOR or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the affirmative action office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time. (N.J.A.C. 17:27-5.3)(a) (1)

g. CONTRACTOR or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status or sex, gender identity or expression, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. (N.J.A.C. 17:27-5.3) (a) (2)

h. CONTRACTOR or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (3)

i. CONTRACTOR or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status or sex, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (4)

j. CONTRACTOR agrees that in the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity, or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates. (N.J.S.A. 10:2-1) (a)

k. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex. (N.J.S.A. 10:2-1) (b)

l. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract. (N.J.S.A. 10:2-1) (c)

m. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract. (N.J.S.A. 10:2-1) (d)

n. The parties of this contract do hereby agree that the provisions of N.J.S.A. 10:2-1 through 10:2-4, dealing with discrimination in employment on public contracts, and the rules and regulations promulgated pursuant thereto, are hereby made a part of this contract and are binding upon them. (N.J.A.C. 13:6-1.1)

o. Contractor and subcontractor agree and guarantee to afford equal opportunity in performance of the contract and, except with respect to affectional or sexual orientation, and gender identity or expression in accordance with an affirmative action program approved by the State Treasurer. (N.J.S.A. 10:5-32 and 10:5-35) (a)

p. The parties of this contract do hereby agree that the provisions of Title II of the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101 et seq., which prohibits discrimination on the basis of disability by public entities in all services programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. The contractor agrees to conduct all activities in compliance with the provisions of Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and the U.S. Department of Labor's regulations at 29 CFR Parts 31, 32 and 34.

Contractor shall cooperate with any state or federal reviews aimed at determining compliance with nondiscrimination laws and regulations authorized by State Law and expressly specified herein.

IN WITNESS WHEREOF, the City of Trenton has caused this agreement to be signed by the Mayor of the City of Trenton and its corporate seal to be hereto affixed, attested by the City Clerk, and Contractor has likewise caused this agreement to be executed the day and year first above written.

CITY OF TRENTON

Attest: 
Brandon L. Garcia, Municipal Clerk

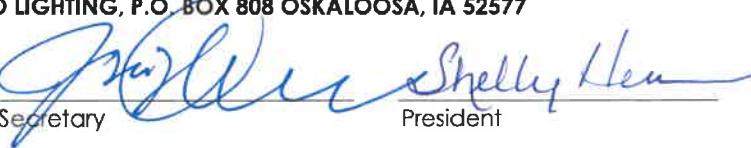
Date


W. Reed Gusciora, Mayor

Date

and

MUSCO LIGHTING, P.O. BOX 808 OSKALOOSA, IA 52577

Attest: 
Secretary

President

Date

Quote

Date: October 18, 2024

Project: Cadwalader Park Tennis and Basketball

Trenton, NJ

Musco Project Number: 156325

Educational Services Commission of New Jersey (ESCNJ)
Master Project: 236989, Contract Number: ESCNJ 24/25-06 Expiration: 06/30/2026
Category: Athletic Facility Lighting

All purchase orders should note the following:
ESCNJ #24/25-06 Purchase – Co-Op Number: 65MCESCCPS- Contract Number: ESCNJ 24/25-06

Quotation Price – Materials Delivered to Job Site and Installation

Cadwalader Park	\$891,990.00
Contingency*	\$20,000.00
Total	\$911,990.00

*Contingency amount: to be used for unforeseen issues arising during construction and can only be used with prior approval.

Sales tax and bonding are not included.

Light-Structure System™ with Total Light Control – TLC for LED™ technology

- Guaranteed light levels per our scans.
- Factory alined and assembled luminaries
- (16) 40' Galvanized steel poles
- (2) 60' Galvanized steel poles
- (18) Pre-cast concrete bases with integrated lightning grounding
- Pole length factory assembled wire harnesses
- Factory wired and tested remote electrical component enclosures
- UL listed assemblies
- Control-Link® control and monitoring system to provide remote on/off and dimming (high/medium/low) control and performance monitoring with 24/7 customer support
- Product assurance and warranty program that covers materials and onsite labor, eliminating 100% of your maintenance costs for 25 years

Installation Services Provided

[See attached scope of work]

Payment Terms

Final payment terms are subject to approval by Musco credit department. Final payment shall not be withheld by Buyer on account of delays beyond the control of Musco.

Email or fax a copy of the Purchase Order to Musco Sports Lighting, LLC:

Musco Sports Lighting, LLC
Attn: Musco Contracts
Fax: 800-734-6402
Email: musco.contracts@musco.com

All Purchase orders should note the following:

Co-Op Number: 65MCESCCPS- Contract Number: ESCNJ 24/25-06



Quote

Delivery Timing

10-12 weeks for delivery of materials to the job site from the time of order, submittal approval, and confirmation of order details including voltage, phase, and pole/luminaire locations.

Notes

- Shipment of entire project together to one location.
- Voltage and phase system requirements to be confirmed.
- Includes new 240/120V Electric Service for Tennis and reworking of existing 240V Electric Service for Basketball
- Includes Electrical Design by NJ Licensed PE for permits.
- Includes Foundation Design Stamped and Sealed by NJ licensed engineer.
- Structural code and wind speed = 2021 IBC, 115 mi/h, Exposure C, Importance Factor 2.
- Due to the built-in custom light control per luminaire, pole or luminaire locations need to be confirmed prior to production. Changes to pole or luminaire locations after the product is sent to production could result in additional charges.
- Standard soil conditions – rock, bottomless, wet, or unsuitable soil may require additional engineering, special installation methods and additional cost.
- Includes all site remediation including macadam and concrete repair.
- Quote is based on October 2024 pricing and is subject to change.

Thank you for considering Musco for your lighting needs. Please contact me with any questions or if you need additional details.

Bob Zoeller
Sales Executive
Musco Sports Lighting, LLC
Phone: 732-539-2016
Email: bob.zoeller@musco.com



Quote

Turnkey Scope of Work

Customer Responsibilities:

1. Complete access to the site for construction utilizing standard 2-wheel drive rubber tire equipment.
2. Locate existing underground utilities not covered by your local utilities. (i.e. water lines, electrical lines, 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. (i.e. home plate, center of FB field)
4. Pay for extra costs associated with foundation excavation in non-standard soils (rock, caliche, high water table, collapsing holes, etc.) or soils not defined in geo-technical report. Standard soils are defined as soils that can be excavated using standard earth auguring equipment.
5. Pay any power company fees and requirements.
6. Pay all permitting fees and obtain the required electrical permitting.
7. Provide area on site for disposal of spoils from foundation excavation.
8. Provide area on site for dumpsters.

Musco Responsibilities:

1. Provide required foundations, poles, electrical enclosures, luminaires, wire harnesses, and control cabinets.
2. Provide layout of pole locations and aiming diagram.
3. Provide Project Management as required.
4. Provide stamped foundation designs based on soils that meet or exceed those of a Class 5 material as defined by 2021 IBC Table 1806.2.
5. Assist our installing subcontractor and ensure our responsibilities are satisfied.

Subcontractor Responsibilities

General:

1. Obtain any required permitting.
2. Contact your local udig for locating underground public utilities and then confirm they have been clearly marked.
3. Contact the facility owner/manager to confirm the existing private underground utilities and irrigation systems have been located and are clearly marked to avoid damage from construction equipment. Notify owner and repair damage to marked utilities. Notify owner and Musco regarding damage which occurred to unmarked utilities.
4. Provide labor, equipment, and materials to offload equipment at jobsite per scheduled delivery.
5. Provide storage containers for material, (including electrical components enclosures), as needed.
6. Provide necessary waste disposal and daily cleanup.
7. Provide adequate security to protect Musco delivered products from theft, vandalism or damage during the installation.
8. Keep all heavy equipment off 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.
9. Provide startup and aiming as required to provide complete and operating sports lighting system.
10. Installation to commence upon delivery and proceed without interruption until complete. Notify Musco immediately of any breaks in schedule or delays.

Quote

Demolition:

1. Remove and dispose of the two existing lighting poles, fixtures, and electrical enclosures. This will include the recycling of lamps, aluminum reflectors, ballast, and steel, as necessary.
2. Demolish existing foundations to 2 ft (0.6 m) below grade.
3. Leave existing power feed in place for connection to new pole locations.

Foundations, Poles, and Luminaires:

1. Mark and confirm pole locations per the aiming diagram provided. If there are any issues, immediately notify your Musco Project Manager.
2. Provide labor, materials, and equipment to install (18) LSS foundations as specified on Layout and per the stamped foundation drawings, if applicable.
3. Remove spoils to owner designated location at jobsite.
4. Provide labor, materials, and equipment to assemble Musco TLC-LED luminaires, electrical component enclosures, poles, and pole harnesses.
5. Provide labor, equipment, and materials to erect (18) dressed LSS Poles and aim utilizing the pole alignment beam.
6. Provide all ground remediation including repair of concrete and macadam that is broken to install

Electrical:

1. Provide labor, materials, and equipment to reuse existing electrical service panels for basketball as required. Provide labor, materials, and equipment to install new 240/120V single phase electrical service panels for tennis as required on Unistrut frame.
2. Provide labor, materials and equipment to install all new electrical wiring and conduit for the tennis courts.
3. Provide labor, materials, and equipment to reuse existing electrical wiring as well as new wiring as permitted for the basketball.
4. Provide as-built drawings on completion of installation, (If required).

Control System:

1. Provide labor, equipment, and materials to install Musco control and monitoring cabinets and terminate all necessary wiring.
2. Provide a dedicated 120 V 20 A controls circuit or a step-down transformer for 120 V control circuit if not available.
3. Check all zones to make sure they work in both auto and manual mode.
4. Commission Control-Link® by contacting Control-Link Central™ at 877-347-3319.

Budget Estimate

Cadwalader Park Soccer – Trenton, NJ
October 2024

Budget Estimate – Materials and installation

Soccer.....\$370,000.00 - \$410,000.00

Light-Structure System™ with Total Light Control – TLC for LED™ technology

- (4) Pre-cast concrete bases
- (4) Galvanized steel poles
- Factory-wired and tested remote electrical component enclosures
- Pole length factory-assembled wire harnesses
- Factory-aimed and assembled luminalres
- UL listed as a complete system
- Guaranteed light levels of 30 footcandles.
- Control-Link® control and monitoring system to provide remote on/off and dimming (high/medium/low) control and performance monitoring with 24/7 customer support
- Product assurance and warranty program that includes materials and onsite labor, eliminating 100% of your maintenance costs for 25 years.

Estimate is based on:

- Structural code and wind speed = 2021 IBC, 115 mi/h, and exposure: C, Importance Factor 2.
- Owner is responsible for getting electrical power to the site, coordination with the utility, and any power company fees
- Standard soil conditions – rock, bottomless, wet, or unsuitable soil may require additional engineering, special installation methods and additional cost.
- Installation estimate includes off-loading, installation of foundations, poles, and lighting equipment by a licensed contractor and installation of distribution panel, contactor cabinet, underground wiring and associated electrical work and materials by a licensed electrical contractor.
- New electric service within 100' of the field.
- Electrical design by NJ Licensed Engineer.
- Estimate is based on October 2024 pricing and is subject to change.

Thank you for considering our Team for your sports lighting needs. Please contact me with any questions.

Bob Zoeller
Sales Executive
Musco Sports Lighting, LLC
Phone: 732-539-2016
Email: bob.zoeller@musco.com
Project # 240120

