

Invitation for Bid



Marion County School District Mullins High School Football Field Lights

PREPARED BY:

Marion County
School District
719 N. Main Street
Marion, SC 29571

MARION COUNTY SCHOOL DISTRICT INVITATION FOR BID

Solicitation: IFB # 1 2021.02
Issue Date: 04/23/20
Buyer: LEON STURKEY
Phone: (843) 423-1811 ext. 1002
Email:
Isturkey@marion.k12.sc.us

SUBMIT YOUR SEALED OFFER TO THE FOLLOWING:

Leon Sturkey, Director of Operations Marion School District
719 North Main Street Marion, SC 29571

DESCRIPTION: Mullins High School Football Field Lights

The term 'Offer' means your 'Bid' Or ('Proposal')

SUBMIT OFFER BY (Opening Date/Time): May 12, 2020/ 11:00 a.m.

LOCATION: See Receptionist at District Office, 719 N. Main Street, Marion SC 29571.

NUMBER OF COPIES TO BE SUBMITTED: One (1) signed original and Two (2) copies. **WRITTEN**
QUESTIONS MUST BE RECEIVED BY: May 1, 2020.

AWARD & AMENDMENTS: The Award, or Notice of Intent to Award, will be posted at:
[http://www.marion.k12.sc.us/Administrative Departments/Operations/Procurement Services](http://www.marion.k12.sc.us/Administrative%20Departments/Operations/Procurement%20Services), on or about 06/25/16.

CONFERENCE TYPE: None Not Applicable

You must submit a signed copy of this form and Page TWO with Your Offer (see Part IV: Information for Bidders to Submit), By submitting a Bid or Proposal, You agree to be bound by the terms of the Solicitation. You agree to hold Your Offer open for a minimum of thirty (30) calendar days the Opening Date.

NAME OF OFFEROR (Full Name of Business)		OFFEROR'S TYPE OF ENTITY: (Check One)	
		<input type="checkbox"/> SOLE PROPRIETOR SSAN N. _____ - _____ - _____	
AUTHORIZED SIGNATURE: (Person signing must be Submit binding Offer to enter Contract on behalf of Offeror named above)		<input type="checkbox"/> CORPORATION TIN _____ - _____	
STREET		<input type="checkbox"/> SC MINORITY VENDOR CERTIFICATE NO. _____	
CITY		<input type="checkbox"/> C] OTHER _____ _____	
STATE ZIPCODE			
TITLE (Business title of person signing above)		DATE	TELEPHONE

HOME or OFFICE ADDRESS (Address for Bidders home Office / principal place of business)				NOTICE ADDRESS (Address to Which all procurement and Contract related notices should be sent.) (See "Notice" clause)				
				Area Code	Phone Number	Extension	Fax Number	
				E-mail Address				
PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)				ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders" end "Contract Documents" clauses)				
Payment Address same as Home Office Address Payment Address same as Notice Address (check only one)				Order Address as Home Office Address Order Address as Notice Address (check only one)				
Acknowledge of Amendments, The Bidder Acknowledges receipt of Amendments by Indicating Amendment # and it date of issue. See "amendment to solicitation" provision.	Amendment No.	Amendment Issue Date	Amendment No.		Amendment	Amendment Issue Date	Amendment No.	Amendment Issue Date

SPORTS LIGHTING SPECIFICATION

Mullins High School Football Field Lights

1. PART 1-INSTALLATION

1.1 SCOPE OF WORK

SCOPE OF WORK

1. Furnish and Install New LED Sports Lighting Fixtures for Mullins High School Football Field. Light Levels are to be as follows:
 - Football Field: 50 Maintained Foot-Candles average with 2.5:1 max/ min uniformity
 - Track: 20 foot-candle average with 10:1 max/min uniformity
 - Bleachers: 10 foot-candle average with 4:1 max/ min uniformity
2. It will be the responsibility of the bidding electrical contractor to take down existing lights, crossarms, platforms, existing panels and associated wiring. These will become ownership of Marion County School District and disposal/ removal from site will need to be coordinated with the district.
3. Existing light poles to remain with new fixtures, crossarms and electrical enclosures to be retrofitted onto them. Crossarm assemblies need to be galvanized steel and all wiring shall be enclosed within the crossarms. Drivers and supporting electrical equipment shall be mounted approximately 10 feet above grade in enclosures. The enclosures shall be touch-safe and include drivers and fusing with indicator lights on fuses to notify when a fuse is to be replaced for each luminaire. Disconnect per circuit for each pole structure will be located in the enclosure. Manufacturer shall also provide surge protection at the pole equal to or greater than 40kA for each line to ground (Common Mode) as recommended by IEEE C62.41.2_2002. New lighting system shall be UL Listed and DLC approved.
4. Manufacturer will need to provide an analysis of existing lighting assembly versus proposed lighting assembly to go onto structures to ensure adhering to current IBC (International Building Code) requirements, in regard to both weight and wind loading/ EPA. This analysis and compliance should be signed off by a licensed structural engineer in the State of SC.
5. The Electrical Contractor to supply all new conductors to the poles and to be copper wire installed in PVC Conduit.
6. Locate any underground lines if any digging is to be performed. Owner will provide location of irrigation lines (if applicable); however, repair of any underground utilities damaged during construction shall be responsibility of the contractor.
7. Any fencing damages or removal to be replaced by the contractor.
8. It will be the responsibility of the bidding contractor to coordinate all power related items with local power company.
9. Any damage to the existing site during construction must be repaired back to the original state.
10. It is the intent of this project for the contractor to use the existing power supply on site. If this services are not compatible to the proposed lighting system for both voltage/phasing, the contractor shall

coordinate with Duke Energy to provide the upgraded new services. Any power costs to be provided by Owner.

11. Provide and install new galvanized steel service structure with new panel and control cabinet. Football field to be controlled with a key contactor. The panels/contactor cabinet to be located near the transformer within 100 feet of the football field. Location will be verified at pre-bid meeting.
12. It will be the responsibility of the bidding contractor to pay and provide for permits required by Marion County Permit office to perform the scope of work. If Stamped Electrical Drawings are required by Marion County permit office these are to be included by the bidding electrical contractor in the price.
13. All Trenches are to be filled and tamped thoroughly. All disturbed areas to reseed and straw by the contractor. Any Concrete or Asphalt that has to be crossed must be repaired by the electrical contractor to its original look. No trenches are allowed across the playing surface of the baseball field. All open trenches and hole boring shall be guarded/barricaded off by the contractor during construction.
14. Electrical Contractor to provide sports lighting warranty for 10 year parts and labor warranty. Warranty shall cover lighting fixtures, crossarm assembly, pole wiring, remote driver enclosure and lighting contactor cabinets.
15. There will be a pre-bid conference meeting. It will be the responsibility of the electrical contractor to attend and review the project details. **The pre-bid will be May 1st, 2020 time TBD.** Each interested bidder should contact Leon Sturkey, at (843) 758-5931 to arrange a virtual or on site meeting. Location for the meeting will be Mullins High School, 747 Millers Road, Mullins, SC 29574.
16. Contractor to provide all insurance requirements prior to contract award by Marion County School District.
17. Basis of design is provided by Musco Sports Lighting, Inc. All other manufacturers shall provide a ten day prior approval to be submitted by the bidding electrical contractor. Marion County Schools will review and send out in an addendum if other manufacturers are approved for contractor to bid. Required prior approval submittal documents to include photometrics, aiming diagrams, LED Fixture details, and references in South Carolina. Provide a list of 5 projects in the last 24 months where the technology and specific fixture proposed for this project has been installed in the state of South Carolina. Reference list will include project name, project city, installation date, and contact name and contact phone number. See checklist which follows this specification for required submittal documentation.
18. Contractor must be properly licensed to bid the project and perform the scope of work.
19. All requirements of the National Electric Code, Article 250 for bonding and grounding shall be strictly adhered to.
20. Contractor is solely responsible for all jobsite safety requirements.
21. All aiming of the lights to be provided by sports lighting manufacturer point by point photometric design.
22. A formal light test shall be conducted in the presence of the owner, contractor, and lighting

representative. Actual readings must meet the required levels and uniformities set forth in written specifications.

23. Lighting systems not meeting performance criteria for this project shall be upgraded at the contractor's expense until the owner is satisfied that all lighting, structural, and electrical components meet the specifications herein.
24. All taxes to be included in the contractor's proposal.
25. Any questions in regard to the specification or scope of work will be addressed and provided to all bidding electrical contractors prior to bid date. Direct all questions to Leon Sturkey, Director of Operations, 843-423-1811 ext. 1002 (office) or (843) 758-5931 (cell). All questions shall be emailed to lsturkey@marion.k12.sc.us.
26. Contractor Liability Insurance shall not be less than \$1,000,000 General Aggregate and have business Auto Liability shall have a combined single limit of \$1,000,000. It shall contain all major divisions of coverage and be a comprehensive basis.
27. Job Site Address: Mullins High School, 747 Millers Road, Mullins, SC 29574.
28. **Sealed Bids are due on or before May 12, 2020 11:00 am EST.**
29. The Address to delivery bids: **719 North Main Street, Marion, South Carolina**
30. **The project to be completed by August 14, 2020**

REQUIRED SUBMITTAL INFORMATION FOR ALL MANUFACTURERS (NOT PRE-APPROVED)

10 DAYS PRIOR TO BID

All items listed below are mandatory, shall comply with the specification and be submitted according to pre-bid submittal requirements. Complete the Yes/No column to indicate compliance (Y) or noncompliance (N) for each item. Submit checklist below with submittal 10 days prior to bid for alternate systems.

Yes/ No	Tab	Item	Description
	A	Letter/ Checklist	Listing of all information being submitted must be included on the table of contents. List the name of the manufacturer's local representative and his/her phone number. Signed submittal checklist to be included.
	B	Equipment Layout	Drawing(s) showing field layouts with pole locations
	C	On Field Lighting Design	Lighting design drawing(s) showing: <ul style="list-style-type: none"> a. Field Name, date, file number, prepared by b. Outline of field(s) being lighted, as well as pole locations referenced to the center of the field (x & y), Illuminance levels at grid spacing specified c. Pole height, number of fixtures per pole, horizontal and vertical aiming angles, as well as luminaire information including wattage, lumens and optics d. Height of light test meter above field surface. e. Summary table showing the number and spacing of grid points; average, minimum and maximum illuminance levels in foot candles (fc); uniformity including maximum to minimum ratio, coefficient of utilization (CU) uniformity gradient (UG); number of luminaires, total kilowatts and dirt depreciation factor.
	D	Photometric Report	Provide first page of photometric report for all luminaire types being proposed showing candela tabulations as defined by IESNA Publication LM-35-02. Photometric data shall be certified by laboratory with current National Voluntary Laboratory Accreditation Program or an independent testing facility with over 5 years' experience. No partial wattage fixture reports or ISO Polar curve reports are acceptable.
	E	Performance Guarantee	Provide performance guarantee including a written commitment to undertake all corrections required to meet the performance requirements noted in these specifications at no expense to the owner. Light levels must be guaranteed to not fall below target levels for warranty period.
	F	Structural Calculations	Crossarm and fixture assembly structural certification for wind speed applicable to design location. Technical drawing showing the configuration of the crossarm, fixture and applied glare control visors must be illustrated and stamped by a structural engineer in the state of South Carolina
	G	Warranty	Provide written warranty information including all terms and conditions. Provide 10 references of customers currently under specified warranty in the state of SC for the proposed fixture/contact cabinet system utilized
	H	Project References	Manufacturer to provide a list of 10 projects where the technology proposed for this project has been installed in the state of SC. Reference list will include project name, project city, installation date, and if requested, contact name and contact phone number.
	I	Product Information	Complete bill of material and current brochures/cut sheets for all product being provided. Cut sheets shall be technical (and illustrative) and provide specific detail on fixtures, remote driver cabinets, drivers, surge protections, fusing, controls, poles and foundations. All certifications including UL and DLC shall be shown on the technical cut sheets.
	J	Delivery	Manufacturer shall supply an expected delivery timeframe from receipt of approved submittals and complete order information.
	K	Non-Compliance	Manufacturer shall list all items that do not comply with the specifications. If in full compliance, tab may be omitted.

BID FORM

FOOTBALL FIELD BID - As shown in scope of work above: \$ _____

* Bid price includes all labor, materials, permits taxes, and anything else to complete project

COMPANY NAME: _____ DATE: _____

SC ELECTRICAL LICENSE NUMBER: _____

COMPANY ADDRESS: _____

CONTACT NAME: _____

CONTACT SIGNATURE: _____

COMPANY FAX: _____ COMPANY PHONE: _____

EMAIL ADDRESS: _____

Special Quote Conditions:

1. The winning bidder will provide all materials and labor and other needs according to the scope of work above to:

Mullins High School
747 Millers Road
Mullins, SC 29574

2. Sales Tax on Materials to Be Included with Total Bid Cost.

Ensuring that quotes are received by Marion County Schools and received on time is the sole responsibility of the bidding contractor. Marion County Schools takes no responsibility for the lost or late submissions. You can submit a quote on your company quote form/letterhead if you are not using the attached bid form. Be sure to include the pertinent information. Bids will not be accepted by fax or email.

All prices and notations shall be printed in ink or typewritten. Errors shall be crossed out and corrections entered and initialed by the person signing the bid. Erasures or use of typewriter correction media may be cause for rejection of the bid. No bid shall be altered or amended after the specified time for opening.

Marion County Schools reserves the right to reject portions of a bid, as well as any and all bids in their entirety and to waive minor irregularities in the bid that, in the opinion of the foundation, do not affect the overall validity of the bid.