



**INVITATION FOR SEALED BIDS**

for

**RIVERVIEW PARK TENNIS COURTS  
LIGHTING UPGRADE**

for

**North Augusta Parks, Recreation & Tourism  
100 Riverview Park Drive  
North Augusta, SC 29841**

will be received by:

City of North Augusta  
Parks, Recreation & Tourism  
100 Riverview Park Drive  
North Augusta, South Carolina 29841  
Attn. Rick Meyer, Director  
803-441-4300

until **11:00 AM on FRIDAY, SEPTEMBER 13, 2019**

at which time all bids will be publicly opened and read in the presence of all those interested in Room 100 of the Riverview Park Activities Center located at 100 Riverview Park Drive, North Augusta, South Carolina, 29841.

The City of North Augusta reserves the right to waive any formalities and to reject any or all bids.

The City of North Augusta Parks, Recreation & Tourism will receive BID proposals for RIVERVIEW PARK TENNIS COURTS LIGHTING UPGRADE according to the enclosed specifications.

All formal inquiries relating to this bid should be addressed in writing to:

Rick Meyer  
Director, Parks, Recreation, & Tourism  
100 Riverview Park Drive  
North Augusta, SC 29841

**ADDENDA:**

In the Event that modifications, clarifications, or additions to this bid become necessary, all vendors will be notified in writing by the Director Parks & Recreation.

**SUBMISSION DATE AND LOCATION:**

All bids must be submitted in writing to the office of the Director of Parks & Recreation, 100 Riverview Park Drive, North Augusta, SC, 29841, until **11:00 AM on Friday, SEPTEMBER 13, 2019**. All proposals must be in writing in an envelope sealed and clearly marked "RIVERVIEW PARK TENNIS COURTS LIGHTING UPGRADE." The City of North Augusta will not be responsible for late mail deliveries, and no bids will be accepted after **11:00 AM on Friday, SEPTEMBER 13, 2019**.

**REJECTION OF BIDS:**

The City of North Augusta reserves the right to reject or accept any or all bids, or to take exception to these specifications. Vendors may also be eliminated from consideration for failure to comply fully with the bid specifications.

### **REVIEW AND EVALUATION PROCESS:**

The City of North Augusta will select the vendor on the basis of greatest benefits to the City, not necessarily on the basis of lowest price. The vendor's references, capabilities, commitment, and quality of proposal will be weighted heavily. Experience with athletic venue lighting is of high priority.

### **PRICE QUOTATIONS:**

Price quoted by vendors should be firm prices, not subject to increases during the term of the contract.

### **PROPOSAL RESPONSES:**

All proposals submitted shall include a letter of transmittal which bears the signature of an authorized representative of the vendor and which also includes the names of individuals authorized to negotiate with the City of North Augusta.

### **REFERENCES:**

A list of at least five companies serviced with like requirements listing the scope of work and including references must be submitted by the vendor and made an integral part of this proposal.

### **INSURANCE AND BONDS:**

Vendors shall be fully covered by Workers Compensation as required by the State of South Carolina and carry a Public Liability of \$1,000,000, and property damage insurance. The selected vendor will be required to provide the City of North Augusta a copy of this insurance naming the City of North Augusta on this policy as an "additional insured" for the duration of the contract.

**CITY OF NORTH AUGUSTA  
Parks, Recreation & Tourism  
RIVERVIEW PARK ACTIVITIES CENTER  
LIGHTING UPGRADE  
BID PROPOSAL**

Perspective Vendor:

The Bidder, having fully examined the specifications with related documents and being very familiar with all of the conditions surrounding the annual contract including the site conditions and the availability of labor and materials, hereby proposes and agrees that, if this proposal is accepted, he will contract with the City of North Augusta to furnish all equipment, materials, insurance and overhead necessary to supply equipment for this project in complete conformance to the project plans and specifications for the following lump sum/unit prices to include 8% South Carolina sales tax:

\$ \_\_\_\_\_

This bid respectfully submitted by:

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Business Address

\_\_\_\_\_  
City, State, and Zip Code

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Signature of Bidder/Printed name of Bidder

## **SPECIFICATION FOR RIVERVIEW PARK TENNIS COURTS LIGHTING UPGRADES**

Scope of work:

Courts 1-7:

1. Remove the metal halide lighting fixtures, total of 44 fixtures, on all 7 courts, and retrofit with LED lighting fixtures that are equal to or greater than Class III quality lighting as specified by the United States Tennis Association. (USTA)
2. Price to include the labor and material to complete the work including mounting all fixtures in place, fixture aiming, commissioning of controls, control training, and final clean up. Price to include the removal and recycling of the current fixtures. Price to include delivery of materials to the jobsite. Price to include 8% sales tax. Work must be completed by November 15, 2019.
3. Price to include 10 year warranty on lighting system.
4. Proposal to include energy analysis for 10 year period.

### **Qualifications & Specifications:**

1. Have a license to conduct business in the State of South Carolina and have the ability to obtain a City of North Augusta Business license. All permits, fees, and inspections with the project included in the price.
2. Vendor must be able to demonstrate to the City of North Augusta that you have the ability to provide all equipment, staff, and trained key personnel to fulfill your obligations. Written proposals must include an outline of your ability to meet the fiscal and physical responsibilities and requirements.

**Material/Equipment:** The vendor will assume full and all responsibility for the protection, storage, safety, and damage to all materials and equipment. The vendor must furnish all needed safety equipment and protective devices necessary for the safety of their employees and the property of the City of North Augusta. All wiring to be copper type THHN.

**Staffing:** The vendor is responsible for providing all labor required to complete the work described in this solicitation. The vendor is responsible and must insure that they are in compliance with all Federal, State, and local labor laws and

regulations applicable to their employees. The City of North Augusta takes no responsibility for the failure of the vendor to do so. All electrical installation to meet National Electric Code requirements.



**Riverview Park, 100 Riverview Park Drive, North Augusta, South Carolina, 29841**

## Recommended Illumination for Outdoor Tennis Facilities

Recommended Horizontal Illumination				
Performance Criteria	Class I	Class II	Class III	Class IV
Average Maintained Horizontal Footcandles within PPA (1,2,4)	125+ (1250 lux)	75 (750 lux)	50 (500 lux)	30 (300 lux)
Minimum Maintained Horizontal Footcandles within PPA (2,4)	100 (1000 lux)	60 (600 lux)	40 (400 lux)	20 (200 lux)
Maximum Uniformity Ratio (3)	1.5	1.7	2.0	2.0

Recommended Vertical Illumination				
Performance Criteria	Class I	Class II	Class III	Class IV
Average Maintained Vertical Footcandles within PPA (1,2,4)	50 (500 lux)	30 (300 lux)	20 (200 lux)	NA
Maximum Uniformity Ratio (3)	2.0	3.0	3.0	NA

**Notes:**

1. Maintained footcandles is determined by applying a light loss factor (LLF) to the initial or measured footcandles. LLF is dependent upon lamp characteristics, fixture maintenance, voltage variations, and atmospheric conditions. It normally varies between .6 and .85. Consult the Illuminating Engineering Society handbook and fixture manufacturer's publications for proper LLF values.
2. Average maintained and minimum maintained footcandles should be calculated within the Primary Playing Area (PPA) with the footcandle values multiplied by the appropriate LLF.
3. Uniformity ratio is defined as the ratio of the maximum footcandles divided by the minimum footcandles.
4. Primary Playing Area (PPA) is defined as the area that includes 6' beyond the sidelines and 10' behind the baseline.

Typical Facility Classifications			
Class I (1)	Class II	Class III	Class IV
Professional	Satellite (3)	College (4)	High School
International	Challenger (3)	High School	Tennis Clubs (6)
Satellite	College (2)	Tennis Clubs	Parks/Recreational (6)
Challenger	Parks/Recreational (6)	Residential	College (5)
College	Residential (6)	Parks/Recreational (6)	
	Tennis Clubs (6)		

**Notes:**

1. Class I facilities generally involve broadcast quality television production. These facilities will include permanent spectator accommodations.
2. Facilities which host intercollegiate play, but without broadcast television requirements. These facilities may have permanent or temporary seating.
3. Professional tennis events without broadcast television requirements.
4. Collegiate facilities primarily used for practice or for intramural or recreational play.
5. Collegiate facilities used strictly for recreational play.
6. Please note that some facility types appear in multiple categories. Illumination levels for a specific facility should be chosen based on the highest skill level, or spectator and television requirements that will take place at the facility. See the descriptions for more detailed information about each class. It is recognized that older players require higher light levels. Facilities with older average player ages should be designed for higher levels of light



UNITED STATES TENNIS ASSOCIATION



DRAWINGS ARE ILLUSTRATIVE ONLY AND ASBA AND USTA  
ACCEPT NO RESPONSIBILITY FOR THEIR USE.