CITY

OF

JOPLIN, MISSOURI

BID PACKAGE

#2015-11

for

2 – Commercial Prefabricated
Shade structures
With Installation

JOPLIN ATHLETIC COMPLEX

3301 W. 1st STREET

JOPLIN, MO 64801

NOTICE TO BIDDERS

The City of Joplin, Missouri will accept sealed bid proposals until 2 P.M., Monday, March 02, 2015 at the Joplin Athletic Complex 3301 West 1st Street, Joplin, Missouri, 64801 to PURCHASE the following:

2 – Commercial prefabricated shade structures with Installation

Specifications and bid forms are available from Paul Bloomberg, Recreation and Events Manager at 3301 West 1st Street, Joplin, MO 64801 or by writing to the address indicated above. Any bids received after the specified deadline will be returned to the vendor.

The City reserves the right to evaluate all bids, to reject any or all bids and re-bid at a later date. The City may waive any irregularities in the bid or negotiate variances from specifications, and make awards that are in the best interests of the City. The City will have final decision in all matters regarding acceptance of bids and issuance of awards.

The City encourages minority and female owned businesses to submit bids on all City purchases.

Leslie Jones, CPA

Finance Director

Publication Date: Friday , February 13 , 2015 .

INSTRUCTIONS TO BIDDERS

The City of Joplin, Missouri proposes to PURCHASE the following:

2 – Commercial prefabricated shade structures with Installation

All bids shall have firm-fixed F.O.B. Joplin; Missouri price and shall be honored for a minimum of ninety (90) days following the bid opening.

All bids shall be exclusive of Federal, State, and City taxes.

It is the intent of the specifications included with this bid document to generally describe the item(s) desired in sufficient detail as to secure bids on comparable items. All parts not specifically mentioned which are necessary in order for the item(s) to perform as intended shall be included. The strength, quality of workmanship, and material shall be in accordance with the best trade practices.

Specification variances, manufacturer's literature and additional information should be attached to the bid form. All blanks on the attached bid specifications shall be filled in completely and accurately. Any bid not meeting this requirement may be considered non-responsive.

Any protest or grievance must be issued in writing and delivered to the office of the Director of Finance within ten (10) days following the bid opening. Any protest filed after this time period has elapsed will not be considered.

The City encourages selection of products manufactured, assembled and/or produced in the United States, as long as the quality and price are comparable with other items bid.

Businesses which are located within the city limits of Joplin may be given preference in the awarding of a bid, providing the bid from the local business does not exceed the lowest bid by more than 3% or $2,500, whichever is less.

The City may give preference to vendors handling products that contain post-consumer recovered materials, providing the bid does not exceed the lowest bid by more than 5% or $2,500, whichever is less.

Once the bids are reviewed and evaluated, the successful vendor will be notified, in writing, and will receive an authorized City of Joplin purchase order. Verbal acknowledgments will not be considered as official notification and will not obligate the City in any way. Delivery or performance should not be completed without the receipt of an authorized purchase order.

Minimum information to be submitted with each bid shall consist of the following:

1. Verification of Bid Specifications (with variances noted)
2. Bid Form

MARK BID ENVELOPES: "BID #2015-11, Joplin Athletic Complex-Shade Structures 2:00 P.M. Monday, March 02, 2015"

Questions concerning the specifications and bidding procedures should be directed to Paul Bloomberg, Joplin Athletic Complex 3301 West 1st Street, Joplin, MO, 64801 or by phoning 417-625-4750.

City of Joplin, Missouri
Design and Provide installation of
Two Commercial Shade Structures
For the Joplin Softball Complex

The City of Joplin is soliciting proposals from qualified vendors to provide two shade structures for the Joplin Softball Complex as outlined herein.

Background

The City of Joplin is interested in the purchase of 2-Commercial Shade Structures Installed for the Joplin Softball Complex.

General Shade Structure Specifications

Submittals:

A. Product Data: Manufacturer's descriptive literature for specified systems, including all components.

B. Shop Drawings: Indicate layout heights, component connection details, and details of interface with adjacent construction.

C. Complete engineering analysis shall be certified and sealed by a Professional Engineer registered in the State where the shade structure is being constructed.

D. Color Selection: Must match existing color of shade structure and frame at facility.

F. Certificates:

1. Contractor's certification that manufacturer of products of this section meet specified qualifications.
2. Manufacturer's certification that installer of this section is approved.

G. Manufacturer's printed installation instructions for specified systems, including each component.

H. Provide manufacturer's data verifying compliance of the knitted 100% HDPE membrane system with specification.

Quality Assurance

A. Manufacturer Qualifications: Minimum five (5) years of documented experience producing systems of the types specified in this section.

B. Installer Qualifications: Minimum of three (3) years documented experience installing systems of the types specified in this section, and approved by manufacturer.

Delivery, Storage, and Handling

A. Store system components in accordance with manufacturer's instructions until installation.

Warranty

A. Warrant that the equipment sold will conform in kind and quality to the specifications listed and will be free of defects in workmanship or materials. Shade manufacturer shall further warrant the following:

1. LIMITED 10 YEAR WARRANTY on all upright posts, and support structure frames against failure due to rust-through corrosion.
2. LIMITED 10 YEAR WARRANTY on all fabrics and stitching threads against degradation, cracking or material breakdown resulting from ultra-violet exposure.

Product Shade Structure Specifications

General:

A. All materials shall be structurally sound and appropriate for safe use.
B. Fabrics used shall include UV-stabilizers and fire retardants as required to meet performance and building code requirements.

Design:

A. Styles: Rectangular Hip Design T- Cantilever
B. Size and Height: 26' in length, 16' width, and 8' tall
C. Engineering Data: Structures are engineered to meet or exceed the requirements of the International Building Code (IBC), and the following standard specifications:
    1. Wind speed (Frame with Canopy): 90 miles per hour
    2. Live load: 5 psf
    3. Snow load: None

Weldments:

A. All tubing members shall be factory-welded by Certified Welders to American Welding Society (AWS) Specifications and to the highest standards of quality workmanship.
B. After fabrication all welded areas shall be primed with zinc rich powder coat and oven cured in accordance with the powder coat manufacturer's specifications.
C. Drilling or welding in the field shall not be permitted.

Posts, Structural Frame Tubing, and Hardware

A. All non-hollow structural shapes comply with ASTM A-36, unless otherwise noted.
B. All hollow structural steel shapes shall be cold formed HSS ASTM A-53 grade C, unless otherwise noted.
C. Plate products shall comply with ASTM A-36.
D. Minimum yield shall be 40,000 psi with a minimum tensile strength of 45,000 psi on all posts.
E. All pipe/tubing up to 5" O.D. shall be as manufactured with an in line Flo-coat galvanizing process as used by Allied tube, or approved equal. Pipe sizes above 5" O.D. shall be galvanized and powder coated.
F. All edges of tube, pipe, cleats, and plate, including all punched or drilled holes shall have a radius sufficient to allow powder coat to cover all exposed surfaces with a minimum of 2 mils fully cured powder coat. Full assembly must be accomplished without drilling after the components are powder coated.
G. Finish: All steel components, other than stainless steel and hot dipped galvanized hardware, shall receive specified zinc powder coat primer and specified color finish powder coat that matches the existing color of the shade structures at facility.
H. All fastening hardware shall be stainless steel or hot-dipped galvanized.
I. Structure shall include an integrated dynamic tensioning system to tension and easily remove fabric.
    1. All connections shall be designed for assembly with standard hand tools.

Polyester Powder-Coating Process

A. The surface preparation shall be in accordance with the powder coat manufacturer's recommendations for the material being coated. There shall be no more than four hours' time lapse between the surface preparation and the application of powder coat.

B. Minimum dry film thickness for the zinc primer shall be 2 mils and for the finish color shall be 2 mils.

C. The individual steel components shall be powder coated with the specified color and heat cured in a batch oven in accordance with the paint manufacturer's specifications.

D. The powder coat finish shall be uniform and continuous with no voids or puddles and shall not be broken by scratches or nicks.

E. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Over Bake Resistance, and Salt Spray Resistance.

F. Color shall match the existing frame that is currently at facility.

Footings

A. Footings shall be designed and constructed to local building codes and good construction practices.

B. Columns shall be provided as direct embedment unless shown otherwise on the drawings.

C. Reinforcing:

1. All reinforcing steel shall be designed, detailed, fabricated, and place in accordance with ACI 301, ACI 318, and CRSI Manual of Standard Practice.

Shade Fabric

A. Knitted form 100% virgin HDPE with Ultra Violet (U.V) stabilizers and flame retardant as required by the applicable building codes.

B. Physical Characteristics: The following indicates minimum physical properties of 100% HDPE membranes.

1. Weight: 9.38 to 10.32 ounces/sq. yd.
2. Breaking Strength:
   a. Warp 44.8
   b. Weft 44.0
3. Bursting Strength (ASTM 3786): 828 lbf.
4. UV stability: 10 years
5. Shade Effect: Angle of Incidence 90% to 97%

6. Ultraviolet Block: Angle of Incidence 90% to 96%

C. Colors: Must match existing shade structures at facility

D. Thread:
   1. Shall be 100% expanded PTFE fiber which carries a 10 year warranty that is high strength and low shrinkage.
   2. Shall have a wide temperature and humidity range.
   3. Abrasion resistant and UV radiation immunity.
   4. Shall be unaffected by non-hydrocarbon base cleaning agents, acid rain, mildew, rot, chlorine, saltwater, and pollution.
   5. Lockstich thread-1200 Denier or equal.
   6. Chain stitch thread-2400 Denier or equal.

E. Sewing:
   1. On-site sewing of fabric will not be accepted.
   2. All corners shall be reinforced with extra non-tear cloth and strap to distribute the load.
   3. The perimeters that contain the cables shall be double lock stitched.

Installation Hardware

A. Bolt and fastening hardware shall be determined based on calculated engineering loads.

B. All bolts shall comply with SAE-J429 (Grade 8) or ASTM A325 (Grade BD). All nuts shall comply with ASTM F-594, alloy Group 1 or 2.

C. Wire rope cable shall be 7x19 strand galvanized wire rope with a breaking strength of 7,000 lbs. (1/4" diameter) for shades generally under 300 sq. ft. unless requested larger by the customer. For shades greater than 300 sq. ft. cable shall be 5/16" @9800# breaking strength. For special windy conditions, cable system may be up-sized by engineering.

Execution of Shade Structure Specifications

Examination

A. Verify that project conditions are as indicated on shop drawings.

B. Installer's Examination:
   1. Have installer of this section examine conditions under which construction activities of this section are to be performed, then submit written notification if such conditions are unacceptable.
   2. Beginning construction activities of this section before unacceptable conditions have been corrected is prohibited.
   3. Beginning construction activities of this section indicates installer's acceptance of conditions.

Preparation

A. Ensure that adjacent surfaces, structures, and finishes are protected from damage by construction activities of this section.

Installation

A. Install systems specified in accordance with shop drawings and manufacturer's installation instructions.

Cleaning

A. Remove dust or other foreign matter from component surfaces; clean finishes in accordance with manufacturer's instructions.

Protection of Installed Products

A. Ensure that finishes and structure of installed systems are not damaged by subsequent construction activities.

B. If minor damage to finishes occurs, repair damage in accordance with manufacturer's recommendations; provide replacement components if repaired finishes are unacceptable to Engineer.

City of Joplin

Bid Form

Description: 2-Commercial Shade Structures with Install

Manufacturer:_____

Model:_____

Base Bid Delivered:_____

F.O.B. Joplin, Missouri

Delivery after Receipt of Order: 30 Days

Company:_____

Address:_____

_____

_____

Telephone:_____

Signature:_____

Minority:_____Female:_____

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Unauthorized Aliens Workers Act

The successful bidder will have to sign an agreement that they are enrolled and participating a Federal Work Authorization Program ("FWAP") that ensures that all of its employees or agents or subcontractors have the legal right to work in the United States, as defined in 8 U.S.C. 1324a(h)(3) and RSMo § 285.525-285.555, and that it will maintain this compliance for the entire duration of its contract with the City of Joplin, and will provide an Affidavit of Compliance to the City stating the same.

AFFIDAVIT OF COMPLIANCE

(Missouri Unauthorized Alien Workers Act)

My name is _____ (name) _____ and I am the _____ (Title) _____ of _____ (Company Name) _____. I hereby represent, affirm and certify to the City of Joplin that my company does not knowingly employ any person who is an unauthorized alien in connection with contracted services with the City. I further affirm that my company is actively enrolled and participating in a federal work authorization program with respect to all employees working in connection with the contract services provided to the City.

_____

Affiant