

Public Notice
Invitation to Bid #1103

The City of Springfield Parks and Recreation Department is accepting sealed bids for the following:

Travis Price Park Playground Equipment and Surfacing Replacement

Specifications and bid requirements may be downloaded at www.springfield-tn.org. Call Terry Martin at 615-382-1655 with questions. Please reference **BID NUMBER 1103** on the outside of the sealed envelope. **Sealed** bids must be received in the office of the City Recorder, City Hall, 405 North Main Street, Springfield, TN 37172 by 2:00 PM local time, Thursday, September 5, 2019.

The City reserves the right to reject any or all bids.

Lisa H. Crockett
City Recorder

Invitation to Bid Bid#1103

The City of Springfield Parks and Recreation Department is accepting sealed bids for the following:

Travis Price Park Playground Equipment and Surfacing Replacement

Summary:

SCOPE OF PROJECT:

This project consists of the design, procurement, and installation of a playground system at J. Travis Price Park, located at 4155 Wilkes Rd, Springfield, TN 37172 in Springfield, TN.

Work is to include the design of one play system and poured in place rubber surfacing to complement each other within the constructed play area boundaries as well as the removal and disposal of existing playground and poured in place rubber surfacing, delivery, installation of commercial grade playground equipment, equipment footings, repair to existing sub-base (if necessary) landing mats (if necessary), owners kit and fall zone material. Also include certified poured in place rubber playground safety surfacing and crushed stone or concrete sub-base repairs (if necessary) within current concrete curbing. It is important that the design of the play system fits into the area allotted and structures surrounding the play space are not disturbed. All equipment will be assembled and installed by the supplier or a certified playground installer. The City of Springfield requires Suppliers to design a play system that meets or exceeds all current federal CPSC, ASTM, IPEMA standards and ADA requirements. The bids shall include the costs of delivered play systems as designed, inclusive of the equipment structures, components, hardware, detailed technical installation instructions and maintenance & operations manuals from manufacturer.

PROJECT TIMELINE:

Project shall be completed within **(90) days** of an executed contract with the City of Springfield. Delays considered excessive by the City of Springfield will result in a forfeiture of bid & contract.

DESIGN ELEMENT GUIDELINES & PLAY SYSTEM SPECIFICATIONS:

Suppliers should base their playground equipment designs on meeting all accessibility and safety standards as well as the guidelines & specifications listed. Quality of equipment components, quality of design, play value, cost, and appropriateness to location and target demographic must be taken into consideration in the design of the play systems. No wooden units are requested.

BASIC REQUIREMENTS:

1. One Structure Compliant for 2-5-year old
2. Colorful, exciting, modern look especially on all railings and archways.
5. Access/Egress Points for adults to quickly get to children if necessary.
6. 3.5" O.D. Posts with a positive bolt-through fastening system
7. Surfacing is to be poured in place rubber at attenuating a critical fall height of 4' across 708 sq. ft.
8. The play structure should accommodate a total of at least 20-25 or more children.
9. Installation of the equipment shall include removal of existing equipment and poured in place surfacing, any repairs needed to the existing sub-base, and 708 sq. ft of energy-absorbing poured in place surfacing necessary to meet unit height guidelines that meet IPEMA, ADA, CSPEC and ASTM

guidelines. Installation of play equipment and surfacing shall be done by a certified Playground Safety Inspector and shall have a certificate from the manufacturer showing this certification.

10. All proposals shall contain specifications on equipment, borders (if necessary), and safety surfacing, a ¼" top view drawing, as well as a ¼" color drawing, showing the front and the reverse views of the proposed units is required. Complete catalogs should accompany each proposal by mail. **A total of two (2) copies are required for submittal.**
11. The use of creative and innovative pieces is highly desired.

Suppliers shall also submit the following:

- 2D plan views of each proposal with protective area/fall zones listed
- 3D color CADS for each proposal
- Descriptive product literature for playground equipment & descriptive product literature for safety surfacing
- General product specifications
- Color Chart for all components, decks, posts and slides
- Copy of manufacturer's warranty
- Copy of Installer's General Liability Insurance Certificate

Components of the play systems should contain the following items below, as well as any specialty items of your company:

Bid Package:

PLAY STRUCTURE COMPLIANT FOR 2-5 YEAR OLDS. FEATURES TO INCLUDE A MINIMUM OF THE FOLLOWING ITEMS:

- Two square decks at 3' height fabricated for 12 gauge punched steel with a protective p&o finish
- Two ground level to deck rotationally molded climbers
- At least two rotationally molded plastic slides with double wall construction from 3' deck height (one curved and one straight)
- Two Activity panels (interactive preferred); one at ground level and one on 3' square deck
- One ground level transfer point
- Posts shall be 3.5" O.D. Aluminum or Steel in outside diameter w/caps with a positive bolt-through fastening system
- One rotationally molded crawl through tube with 26" inside diameter at 3' deck height
- Ground level metal play component attached to play system
- One Slate and Shingle Roofs shall be one-piece, double-wall rotationally molded linear low-density polyethylene

MANUFACTURER & WARRANTY REQUIREMENTS SHALL MEET OR EXCEED THESE REQUIREMENTS:

Manufacturer must provide a certificate or similar proof of warranties equal to the specified system as follows:

- Lifetime limited warranty on support posts (uprights) and all hardware
- 15 year limited warranty on punched steel decks, pipes, loops, and rungs
- 15 year non pro-rated warranty on rotationally molded polyethylene components

Proof of at least \$1 million manufacturer's product liability insurance, written on the preferred occurrence form, shall be provided as part of the bid package. No portion of the insurance coverage shall be self-insured. Product liability insurance written on a "claim made" form not acceptable.

MANUFACTURER SHALL BE ISO 9001 CERTIFIED.

MANUFACTURER SHALL BE ISO 2000 CERTIFIED.

Manufacturer must show IPEMA certification of compliance for each component proving that the product conforms with the requirements of ASTM F1487-01. All playground components conform to the IPEMA certifications, which can be verified by visiting www.IPEMA.org.

POURED IN PLACE RUBBER DESCRIPTION:

Poured in place rubber playground surfacing shall consist of a polyurethane binder mixed with 100% recycled, shredded tire buffing's which will make up the Cushion Layer. The Cushion Layer is capped with TPV (Thermal Plastic Vulcanized) granules mixed with an Aliphatic or Aromatic binder creating the Wear Course. Surfaces must comply with ADA and CPSC guidelines as well as ASTM Standards and be certified by IPEMA, a third- party testing organization for playground surfaces and equipment.

PRODUCT SCOPE

- A. Poured in Place Surface: The poured in place surface shall consist of 100 percent recycled shredded tire material mixed with a polyurethane binder and capped with a TPV granule mixed with an aliphatic or aromatic binder.
- B. It shall consist of a uniform material manufactured in such a way that the Wear Course meets the requirements specified herein for wear surface.
- C. The type safety surfacing shall be a poured-in-place system and shall be indicated on the drawings.

CUSHION LAYER SECTION

- A. Impact Attenuating Cushion Layer: Cushion Layer consists of shredded styrene butadiene rubber (SBR) and/or cryogenic crumb rubber and adhered with a 100% percent solids polyurethane binder to form a resilient porous material.
- B. Strands of SBR may vary from 0.5 mm –2.0 mm in thickness by 3.0 mm –20 mm in length.
- C. SBR Crumb Rubber (5-9 Mesh) using sieve analysis ASTM D5644 with a fiber content of .1% or less mixed in.
- D. Foam or standard rubber granules are not to be permitted in a Cushion Layer.
- E. Binder shall be between 10-14% percent of the total weight of the material, and shall provide 100% percent coating of the particles.
- F. The Cushion Layer shall be compatible with the Wear Course and must meet requirements herein for impact attenuation.

WEAR COURSE

- A. Wear Course shall consist of Thermal Plastic Vulcanized (TPV) granules with an Aliphatic/ Aromatic binder formulated to produce an even, uniform, seamless surface up to 2000 square feet. (Contact sales representative for seamless pads over 2000 square feet).
- B. TPV material shall be angular granules with a (Shore A) hardness of 65°A ±5 and particle size between 1-4mm. Aromatic binder shall not be less than 20% percent of the total weight of TPV material used in the wear surface, and shall provide 100% percent coating of the particles. No other granule sizes are acceptable.
- C. Thickness of the Wear Course shall be ½" inch (12.7mm).
- D. The Wear Course shall be porous.

BINDER:

- A. No Toluene Diphenyl Isocyanate (TDI) shall be used. Aliphatic or Aromatic urethane is to be used.
- B. No filler materials shall be used in urethane such as plasticizers, and the catalyzing agent shall contain no heavy metals.
- C. Weight of polyurethane shall be no less than 8.5lbs/gal (1.02 Kg/1) and no more than 9.5 lbs./gal (1.14 Kg/1).
- D. Manufacturer is permitted to modify the type of urethane required to match extreme weather conditions.

ASTM Testing Certification

Manufacturer must be in compliance and provide testing data for the following standards as set forth by the American Standard for Testing Materials (ASTM), for surface systems under and around playground equipment.

- ASTM F1951-99 (previously ASTM PS 83-97) determination of accessibility of surface systems under and around playground equipment*.
- ASTM F1292-96 impact attenuation of surface systems under and around playground equipment*.
- ASTM F2075-01 standard specification for engineered wood fiber for use as playground safety surface under and around playground equipment*.

IPEMA Certified

Manufacturer must provide proof of certification. "In the interest of public playground safety, IPEMA provides an independent laboratory which validates a manufacturer's certification of conformance to ASTM F1292-99. A list of current validated products, their thickness and critical height may be view at www.ipema.org."

Manufacturer Agreement

- Manufacturer must have a written 10-year limited product warranty.

MANUFACTURER'S PROJECT REFERENCES:

1. Submit list of successfully completed projects (minimum of 5).
2. Include project name and location, name of owner, and contact information.
3. Warranty documents specified herein.
4. Written instructions for recommended maintenance practices.

INSTALLER REQUIREMENTS SHALL MEET OR EXCEED THESE REQUIREMENTS:

Certified by factory as competent installer within the last 2 years (provide documentation). At least 10 years' experience with current playground equipment supplier, installation shall be performed by a factory trained and Certified Playground Safety Institute certified installer. Installer shall adhere to the FIVE-STAR PLUS INSTALLATION format, to give the greatest possible value to the owner. This includes 90 day revisit to the site by the installer to verify equipment compliance and touch up any maintenance issues.

INSTALLER'S PROJECT REFERENCES:

1. Certificate of qualifications
2. Submit list of successfully completed projects (minimum of 5).
3. Include project name and location, name of owner, and contact information.

Successful supplier shall procure and maintain during the life of this project, employer's liability and worker's compensation insurance for all of their employees to be engaged in work on this project; and in case any work is sublet, the Supplier shall require the subcontractor to provide same insurance. The Supplier shall procure and maintain during the life of this project, contractor's liability insurance in an amount no less than \$1,000,000 for injuries, including accidental death, to each person; and subject to the same limit for each person, in an amount not less than \$500,000 on

account of each accident and contractors property damage insurance in an amount not less than \$100,000 each accident, \$1,000,000 aggregate. Supplier shall require each of their subcontractors to procure and maintain same. Proof of insurance must be provided to the Town of Kimball. Failure to provide any of the above information may disqualify your bid submittal. The proposer, may at his/her option, provide any additional information, which may provide further understanding of their bid.

CONSTRUCTION CLOSE OUT

Contractor shall remove and dispose of all construction debris at his/her own expense.

Sealed bids must be received in the office of the City Recorder, City Hall, 405 North Main Street, Springfield, TN 37172 by 2:00 PM local time, Thursday, September 5, 2019.

The City Reserves the right to reject any or all bids.

BID MUST BE SIGNED TO BE CONSIDERED

Date: _____

Signature: _____

Name: (print or type) _____

Company: _____

Address: _____

Telephone: _____

Fax: _____

IRAN DIVESTMENT ACT

NOTICE

Tenn. Code Ann. § 12-12-106 requires the chief procurement officer to publish, using credible information freely available to the public, a list of persons it determines engage in investment activities in Iran, as described in § 12-12-105.

For these purposes, the State intends to use the attached list of “Entities determined to be non-responsive bidders/offerers pursuant to the New York State Iran Divestment Act of 2012.”

While inclusion on this list would make a person ineligible to contract with the state of Tennessee, if a person ceases its engagement in investment activities in Iran, it may be removed from the list.

If you feel as though you have been erroneously included on this list please contact the Central Procurement Office at CPO.Website@tn.gov.

List Date: July 27, 2018

Source: <https://www.ogs.ny.gov/about/regs/docs/ListofEntities.pdf>

1. Ak Makina, Ltd.
2. Amona
3. Bank Markazi Iran (Central Bank of Iran)
4. Bank Mellat
5. Bank Mellli Iran
6. Bank Saderat Iran
7. Bank Sepah
8. Bank Tejarat
9. China Precision Machinery Import- Export Corporation (CPMIEC)
10. ChinaOil (China National United Oil Corporation)
11. China National Offshore Oil Corporation (CNOOC)
12. China National Petroleum Corporation (CNPC)
13. Daelim (Daelim Industrial Co.)
14. Indian Oil Corporation
15. Kingdream PLC
16. Naftiran Intertrade Co. (NICO)
17. National Iranian Tanker Co. (NITC)
18. Oil and Natural Gas Corporation (ONGC)
19. Oil India, Ltd.
20. Persia International Bank
21. Petroleos de Venezuela (PDVSA Petróleo, SA)
22. PetroChina Co., Ltd.
23. Petronet LNG, Ltd.
24. Sameh Afzar Tajak Co. (SATCO)
25. Shandong FIN CNC Machine Co., Ltd.
26. Sinohydro Co., Ltd.
27. Sinopec Corp. (China Petroleum & Chemical Corporation)
28. SKS Ventures
29. SK Energy Co., Ltd.
30. Som Petrol AS
31. Unipet (China International United Petroleum & Chemicals Co., Ltd.)
32. Zhuhai Zhenrong Co.

IRAN DIVESTMENT ACT

“By the submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not a person included within the list created pursuant to § 12-12-106.”

Signature: _____

Date: _____

Title: _____