

# BID SOLICITATION



City of Chattanooga  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

## BID OPENING DATE AND TIME:

29-JAN-18 at 2:00 PM

**BID NUMBER:** 304997

## SEALED BIDS

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

## BUYER:

**PHONE #:** (423) 643-7230

**DELIVERY REQUIRED:**

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City of Chattanooga  
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Item	Class-Item	Quantity	Unit	Unit Price	Total
<p>Requisition No.: 164707 Ordering Dept.: Transportation Department Buyer: Dedra Partridge Phone No.: (423) 643-7237</p> <p>Items Being Purchased: Preformed Speed Cushions</p> <p>ATTACHMENTS: Preformed Speed Cushions Specifications Vendor Disclosure and Acknowledgement Affirmative Action Plan City of Chattanooga (COC) Terms and Conditions posted on Website <a href="http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions">http://www.chattanooga.gov/general-services/purchasing/standard-terms-and-conditions</a> If you can't download call buyer for a copy.</p> <p>This Shall Be A Twelve (12) Month Blanket Contract To Supply Preformed Speed Cushions. The Contract Term May Be Renewed For Two (2) Additional Twelve (12) Month Term Under The Same Terms And Conditions By Mutual Agreement. The City Of Chattanooga And The Contractor May Bilaterally Extend The Contract By Providing Written Confirmation Of Agreement By Both Parties At Least 30 Days Prior To The Contract's Current Expiration Date Into Any Successive Term As Provided Herein.</p> <p>QUANTITIES ARE ESTIMATES ONLY THE CITY OF CHATTANOOGA SHALL GUARANTEE NO MINIMUM OR MAXIMUM AMOUNT PURCHASED DURING THE LIFETIME OF THE CONTRACT.</p> <p>*** BID MUST BE RECEIVED NO LATER THAN *** *** 2:00 PM EST ON January 29, 2018 ***</p> <p>NOTE: ALL BIDS MUST BE SIGNED All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated.</p> <p>Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.</p> <p>The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any bid which in its opinion may be for the best interest of the city.</p> <p>The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.</p> <p>**** NOTE **** PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION: Company Name _____</p>					

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 Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
Address _____					
Phone/Toll-Free No. _____					
Fax No. _____					
eMail Address _____					
Contact Person's Name _____					
Estimated Delivery _____					
Minority-Owned Business _____ Small Business _____ Veteran _____					
Minority Woman-Owned Business _____ Disabled Veteran _____					
Woman-Owned Business _____					
**** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****					

**NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS**

ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

The City is Exempt from all Federal and State Tax.  
 Bids will be received at the above mentioned address.

COMPANY: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

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**BUYER:**

**PHONE #: (423) 643-7230**  
**DELIVERY REQUIRED:**

VENDOR

RFQ

MAIL TO

City of Chattanooga  
101 East 11th Street, Suite G13  
Chattanooga, TN 37402

Item	Class-Item	Quantity	Unit	Unit Price	Total
1	Preformed Speed Cushions. Please include the cost of shipping in your price.	300	Each	_____	_____

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ALL BIDS MUST BE SIGNED – The undersigned offers the above quoted prices under the conditions contained herein.

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COMPANY: \_\_\_\_\_

TERMS OF PAYMENT: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE NUMBER: \_\_\_\_\_

NAME AND TITLE: \_\_\_\_\_

# SPECIFICATIONS

## Preformed Speed Cushions

(Revised: 1/04/18)

### GENERAL

This specification describes and defines a preformed speed cushion. In order to consistently meet the following specifications, any manufacturer supplying speed cushions in the following specifications should be ISO 9002 approved.

### DIMENSIONS

The cushion shall be **modular** in design with standard width being 7.0 ft. (+0.5ft / -0.5ft.), and standard length being 6.5 ft. (+0.5 ft / -0.0 ft.) feet. Both width and length shall be adjustable by adding or subtracting modules. The cushion shall have a flat top (optional) with the height being 3 inches (75mm). The entrance and exit ramp gradient shall be a minimum of 1 in 10-15 and the side ramp gradient shall be a minimum 1 in 3.

### MATERIAL

The modules shall be made from 100% recycled natural rubber with or without a polyurethane binder. Recycled rubber containing synthetics or other contaminants is NOT acceptable. They shall be compression molded and will have the following properties:

Shore Hardness – 65minimum

Specific Gravity - 1.1 to 1.15

The cushion shall be available in either brick red or black. Painting the cushion brick red is **not acceptable**. The standard factory marking (optional) shall be a reflective entrance arrow or other longitudinally mounted reflective strips molded into the rubber for durability. The arrow shall have a minimum size of 2' in width (at the base), and 2' in height (at the apex). The gluing of arrows and retro reflective markings is **not acceptable**. The material shall have a minimum skid resistance of .75 wet, and .90 dry.

### INSTALLATION METHOD

The cushion shall incorporate modules of an interlinking design. Each module shall be affixed to the pavement using **stainless steel/anodized** 10mm x 120mm lag bolts and 10mm washers. Substituting plated or galvanized bolts and washers is **NOT** acceptable as they can jeopardize the integrity of the installation. The screws and bolts are inserted into a pre-drilled hole in the pavement that has been filled with a nylon anchor plug. Each hole in the module shall be filled with a rubber plug after installation (optional).

All necessary lag bolts, washers, nylon plugs, resin (if required), and rubber plugs shall be supplied with each cushion.

**SPECIFICATIONS**  
**Preformed Speed Cushions**  
(Revised: 1/04/18)

**Individual Cushion Modules**

Individual modules shall incorporate an interlinking design, and be made available in the following configurations:

1. **Entrance/Exit Ramp Module** – shall have an entrance/exit gradient of 1 in 10-15 and shall be 15 ½” to 18” in width x 40” to 42” in length x 3” in height.
2. **Left Corner Ramp Module** – shall have an entrance/exit gradient of 1 in 10, a side gradient of 1 in 3-4 on the left side of the module, and shall be 15 ½” to 18” in width x 40” to 42” in length x 3” in height.
3. **Right Corner Ramp Module** – shall have an entrance/exit gradient of 1 to 10, a side gradient of 1 to 3-4 on the right side of the module, and shall be 15 ½” to 18” in width x 40” to 42” in length x 3” in height.
4. **Side Module** – shall have a side gradient of 1 to 3-4, and shall be 15 ½” to 18” in width x 40” to 42” in length x 3” in height.
5. **Center Module** – shall be 15 ½” to 18” in width x 40” to 42” in length x 3” in height. Note: This module has no gradients.

All modules to be supplied with the appropriate reflective marking as specified at the time of order.

**WARRANTY**

The cushion shall have a 2-year warranty on all components when installed according to manufacturer’s directions.

Chapter No. 817 (HB0261/SB0377). "Iran Divestment Act" enacted.  
Vendor Disclosure and Acknowledgement

By 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 party 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 on the list created pursuant to § 12-12-106.

(SIGNED) \_\_\_\_\_

(PRINTED NAME) \_\_\_\_\_

(BUSINESS NAME) \_\_\_\_\_

(DATE) \_\_\_\_\_

For further information, please see website:

[https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List\\_of\\_persons\\_pursuant\\_to\\_Tenn.\\_Code\\_Ann.\\_12-12-106,\\_Iran\\_Divestment\\_Act-July.pdf](https://www.tn.gov/assets/entities/generalservices/cpo/attachments/List_of_persons_pursuant_to_Tenn._Code_Ann._12-12-106,_Iran_Divestment_Act-July.pdf)

## Affirmative Action Plan

The City of Chattanooga is an equal opportunity employer and during the performance of this Contract, the Contractor agrees to abide by the equal opportunity goals of the City of Chattanooga as follows:

1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and the employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay, or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
4. In all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, any contractor and/or subcontractor is further required to file in duplicate within ten (10) days of being notified that it is the lowest responsible bidder, an affirmative action plan with the EEO Director of the City of Chattanooga. This plan shall state the Contractor's goals for minority and women utilization as a percentage of the work force on this project.
5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project. This plan or attachment thereto shall further describe the methods by which the Contractor or Subcontractor will utilize to make good faith efforts at providing employment opportunities for minorities and women.

During the term of this contract, the Contractor upon request of the City, will make available for inspection by the City of Chattanooga copies of payroll records, personnel documents and similar records or documents that may be used to verify the Contractor's compliance with these Equal Opportunity provisions.

6. The Contractor will include the portion of the sentence immediately preceding paragraph 1 and the provisions of paragraphs 1 through 6 in every subcontract so that such provisions will be requested of each subcontractor. The Contractor agrees to notify the City of Chattanooga of any subcontractor who refuses or fails to comply with these equal opportunity provisions. Any failure or refusal to comply with these provisions the Contractor and/or Subcontractor shall be a breach of this contract.

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(Signature of Contractor)

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(Title and Name of Construction Company)

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(Date)