

**BID SOLICITATION NOTICE**

TO RECEIVE A BID PACKAGE, BIDDER MAY EITHER DOWNLOAD THE BID FROM THE AUTHORITY'S WEBSITE AT <http://www.state.nj.us/turnpike/purchasing.html> OR REQUEST A BID BY COMPLETING THIS FORM AND FAXING IT TO THE NUMBER STATED BELOW FOR RECORD KEEPING PURPOSES. WE REQUEST THAT THE BIDDER COMPLETE THIS FORM AND RETURN TO US, EVEN WHEN BIDDER IS DOWNLOADING THE BID. THIS IS THE ONLY NOTICE OF BIDDING FOR THE FOLLOWING GOODS / SERVICES YOU WILL RECEIVE.

**THE NEW JERSEY TURNPIKE AUTHORITY  
PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT**

New Jersey Turnpike Administrative Offices

P.O. Box 5042

581 Main Street

Woodbridge, New Jersey 07095-5042

Tel. - 732-750-5300 Fax - 732-750-5399

TITLE: **AXLE COUNTING TREADLES**

BID NO: **RM-101943**

DUE DATE: **August 27, 2013**

TIME: **11:00 AM**

**SUBMIT BIDS BEFORE THE DUE DATE AND TIME TO THE ABOVE ADDRESS**

BIDDER INFORMATION (PLEASE PRINT)

\_\_\_\_\_  
NAME OF BIDDING ENTITY

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY, STATE AND ZIP CODE

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
REPRESENTATIVE TO CONTACT-NAME & TITLE

\_\_\_\_\_  
TELEPHONE NO.

\_\_\_\_\_  
FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO.

\_\_\_\_\_  
FAX NO

WE HAVE DOWNLOADED THE BID FROM THE AUTHORITY WEBSITE

**THE NEW JERSEY TURNPIKE AUTHORITY  
PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT**

New Jersey Turnpike Administrative Offices  
P.O. Box 5042  
581 Main Street  
Woodbridge, New Jersey 07095-5042  
Tel. - 732-750-5300 Fax - 732-750-5399

**INVITATION TO BID**

TITLE: **AXLE COUNTING TREADLES**

BID NO: **RM-101943**

DUE DATE: **August 27, 2013**

TIME: **11:00 AM**

**SUBMIT BIDS BEFORE THE DUE DATE AND TIME TO THE ABOVE ADDRESS**

BIDDER INFORMATION  
(TO BE COMPLETED BY THE BIDDER)

Please Print

\_\_\_\_\_  
NAME OF BIDDING ENTITY

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY, STATE AND ZIP CODE

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
REPRESENTATIVE TO CONTACT-NAME & TITLE

\_\_\_\_\_  
TELEPHONE NO.

\_\_\_\_\_  
FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO.

\_\_\_\_\_  
FAX NO.

\_\_\_\_\_  
BUSINESS CORPORATION \_\_\_\_\_ PARTNERSHIP \_\_\_\_\_ INDIVIDUAL

\_\_\_\_\_  
OTHER (SPECIFY): \_\_\_\_\_

### **BIDDER GUIDELINES/CHECKLIST**

PURSUANT TO N.J.S.A. 27:23-6.1 AND N.J.A.C. 19:9-2.1 et seq. BID PROPOSALS WHICH FAIL TO CONFORM TO THE FOLLOWING REQUIREMENTS MAY BE REJECTED:

1. Bids must be received at or before the public opening time stated on the cover page at the following place: New Jersey Turnpike Authority, Administration Building, 581 Main Street, Woodbridge, New Jersey 07095. Telephone or Facsimile bids will not be accepted. The accompanying self-addressed envelope should contain or be attached to the bid proposal.
2. The bid proposal must include all price information. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Bid prices must be firm through issuance of contract.
3. All bid proposal prices must be typed or written in ink. Quote the specified unit of measure. If bidding an alternate, provide detailed specifications.
4. All corrections, white-outs, erasures, re-striking of type, or other forms of alteration or the appearance of alteration, to unit and/or total prices must be initialed in ink by the bidder.
5. **Have you included the following documents?**
  - (a) State of New Jersey Division of Revenue Business Registration Certificate(s)
  - (b) Certification of Registration with the Secretary of State (only if a foreign (non- NJ corporation)
  - (c) Acknowledgement of Requirement for Disclosure of Political Contributions (ELEC)
  - (d) Public Works Contractor Registration Certificate(s) (if applicable)
  - (e) Affirmative Action Information Sheet with Certificate or Form AA302
  - (f) Signed Mandatory Equal Employment Opportunity Language
  - (g) SBE/WBE/MBE Certificates and Form
  - (h) Vendor Disclosure Form (EO129 - Location of Services)
  - (i) Notice of Set-Off for State Tax (P.L. 1999, c.159)
  - (j) Automobile Waiver
  - (k) Insurance Requirement
  - (l) **See the Authority's Instructions to Bidders (attached) for a complete list of the Authority's standard contract Terms and Conditions, as well as Required Forms that must be included with the bid.**
6. **Failure to comply with the requirements set forth in 1-5 above may result in bid rejection.**
7. **This Request for Bids requires the following Mandatory Documents or the bid will be rejected:**
  - Stockholder/Partnership Disclosure Statement**
  - Bid Bond and/or Letter of Surety, Cashiers Check Requirement**
8. Bidder must sign the Bid, or it may be rejected.
9. Contract Bond Requirement – Full amount of contract, as per Specifications.

**REQUEST FOR BIDS**  
**THIS IS NOT AN ORDER**

Sealed Bid RM-101943 will be received at the New Jersey Turnpike Authority Administrative Offices, 581 Main St., Woodbridge, New Jersey, as stated on the cover page at which time and place said proposal will be publicly opened and read. Bidders mailing Bids should allow for their normal mail delivery time to ensure timely receipt of their Public Bids. Please be advised that using overnight / next-day delivery service does not guarantee overnight/next-day deliveries to our location. The Authority will not be responsible for any bid not being received by the required date and time.

**INTENTION**

It is the intention of the Authority to issue a Purchase Agreement for the procurement of **AXLE COUNTING TREADLES**. Items purchased under this Agreement will be delivered as directed by the Authority. The term of the contract shall be for one year with the option to extend for two additional one-year terms at the Authority's discretion and Vendor's concurrence. Please contact Richard Bava with any questions regarding this procurement contract at 732-750-5300 X 8636 or rbava@turnpike.state.nj.us.

**BID SHEET INSTRUCTIONS**

Prospective Bidders should follow all instructions in this Request for Bids and in the standard Instructions to Bidders issued by the Authority, and any other documents issued by the Authority in connection with this Request for Bids (collectively, "Bid Documents"). Prospective Bidders must examine the Bid Documents carefully before bidding and must ask the Director of Procurement and Materials Management in writing for any interpretation or correction of any apparent ambiguity, inconsistency or apparent error therein. Any written request for interpretation or correction shall be directed to the Director of Procurement and Materials Management. Written requests can be submitted by FAX at 732-750-5399. If necessary, an interpretation or correction shall be issued by the Director of Procurement and Materials Management as an Addendum and FAXED to prospective Bidders who have obtained the Bid Documents. Upon the issuing of an Addendum, the content of the Addendum shall become part of the Bid Documents. **Requests for interpretation or correction shall be considered only if received at least 5 business days prior to the bid opening date.**

Only written interpretations or corrections issued by the Director of Procurement and Materials Management by Addendum shall be binding.

The submission of the Bid is conclusive evidence that the Bidder is fully aware of the conditions, requirements, and details as stated in the Bid Documents. If the Bidder, prior to submitting its Bid, fails to notify the Director of Procurement and Materials Management of the existence of an ambiguity, inconsistency in the Bid Documents, a Bid will conclusively be presumed to have been based upon the interpretation of such ambiguity or inconsistency.

All erasures, interpolations or other physical changes on the Bid form shall be signed or initialed by the bidder. Bids containing any conditions, omissions, erasures, alterations, or items not called for in this Request for Bids, or irregularities of any kind, may be rejected by the Authority, in its sole discretion, as being incomplete. The bidders shall not attach conditions, limitations or provisos to their Bid, except in cases where "Exceptions" are permitted.

**The Authority will accept Approved Equivalent items on this bid.** If a bidder is basing the proposal on items other than what is specified, and wishes the items he proposes to be considered as an "Approved Equivalent," the Bidder shall enter a price on the bid sheet then submit on the Exception Sheet in the exact format of the line item on the Request for Bids contained herein, the item number, an item description, including manufacturers name, model number, and packaging quantities of those Items which the Bidder proposes to substitute.

**Bidders must supply a price for every item listed. Bids not having a price in all listed items may be rejected.** The bid will be awarded to the vendor who supplies the lowest total cost for ALL items as listed in the bid.

Bidders must quote only one price per line item. If a bidder quotes multiple prices per line item, the bid proposal may be rejected.

The Authority will purchase amounts of any given item as needed, at the sole discretion of the Authority and shall not be bound by any quantities listed. The Authority reserves the right to make reasonable increases to line item quantities. All items are to be bid FOB Destination. All shipping, handling, and other costs should be considered in the bid price.

**Award will be made to the lowest, responsible bidder for the total items bid.**

**REQUEST FOR BIDS**

ITEM	QTY	UNIT OF MEAS	DESCRIPTION	UNIT PRICE	TOTAL DOLLAR AMOUNT
1	30	EA	Treadle, 4 Strip Up Lead, as per Attached Specifications	\$	\$
2	8	EA	Treadle, 10' - 4C w/ Down Leads, as per Attached Specifications	\$	\$

**TOTAL BID PRICE** - \$ \_\_\_\_\_

**Award will be made to the lowest, responsible bidder for the total bid price.**

**ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA FAX NO LATER THAN FIVE (5) BUSINESS DAYS BEFORE BID OPENING**

NEW JERSEY TURNPIKE AUTHORITY

\_\_\_\_\_

AUTHORIZED SIGNATURE

\_\_\_\_\_  
Name of Company and / Authorized Signature of Bidder

**SIGNATURE PAGE**

**ADDENDA / INQUIRIES:** COMPLETE (if applicable) BEFORE SUBMITTING BID:

Receipt of Addendum / Inquiries # \_\_\_\_\_ dated \_\_\_\_\_ is hereby acknowledged.

Receipt of Addendum / Inquiries # \_\_\_\_\_ dated \_\_\_\_\_ is hereby acknowledged.

**CHECK BOX IF NO ADDENDA/INQUIRY ISSUED**

(All Addenda / Inquiries must be acknowledged as indicated above.)

**BID IRREVOCABLE:** This offer shall be irrevocable for ninety (90) working days after the date on which the Authority publicly opens this bid except in those instances where an unsuccessful bidder has filed a Protest pursuant to N.J.A.C. 19:9-2.12. Upon notification of a Protest, Bidders are required to hold their prices for an additional 90 days. All bidders will be notified in writing of the action taken by the Authority.

**OFFER/CERTIFICATION:** The undersigned offers and agrees to furnish to the New Jersey Turnpike Authority the services and/or materials in compliance with all terms, conditions, specifications and addenda of the RFB, Bid Documents, and resulting contract. The undersigned further certifies understanding and compliance with the requirements of the standard terms and conditions as stated in the Instructions to Bidders included with the Bid Documents. The undersigned certifies that he or she executes this bid with full authority so to do; and that all statements contained in this bid and in this certification are true and correct, and made with full knowledge that the Authority relies upon the truth of the statements contained herein and in any statements requested by the Authority showing evidence of qualifications in awarding the contract.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

**AUTHORIZED SIGNATURE:** \_\_\_\_\_

Print Name and Title: \_\_\_\_\_

Bidding Entity: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Fax: \_\_\_\_\_

Date: # \_\_\_\_\_

**NEW JERSEY TURNPIKE AUTHORITY**

**NO RESPONSE BID SURVEY**

**BID REQUISITION NUMBER: RM-101943 - AXLE COUNTING TREADLES**

If you do not choose to respond to this Bid, please complete the form below:

Name of Company\_\_\_\_\_

Reason you did not respond (Check all that apply)

- \_\_\_\_\_ Cannot supply product or service
- \_\_\_\_\_ Cannot meet technical specifications
- \_\_\_\_\_ Cannot meet delivery specifications
- \_\_\_\_\_ Cannot meet legal requirements  
(i.e. bid/performance/security/insurance, etc.)
- \_\_\_\_\_ Cannot provide a competitive price at this time
- \_\_\_\_\_ Interested in receiving specifications for informational purposes only.
- \_\_\_\_\_ Insufficient lead time to respond
- \_\_\_\_\_ Other:(please be specific)

Do you wish to remain on our mailing list?

\_\_\_\_\_Yes    \_\_\_\_\_No

Additional comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed :(optional)\_\_\_\_\_

Company:\_\_\_\_\_

**CERTIFICATION AND REQUEST FOR WAIVER  
OF THE COMPREHENSIVE AUTOMOBILE LIABILITY INSURANCE REQUIREMENT**

**Purchase Requisition # RM-101943**

I hereby request an exemption from the New Jersey Turnpike Authority's Comprehensive Automobile Liability Insurance policy for the above reference Purchase Requisition. I certify that if the company referenced below (hereinafter, "the Company") is the successful low bidder the Company will utilize a recognized, commercial third party shipper (i.e. UPS, Federal Express, DHL, U.S. Postal Service, Air Borne Express, etc..) to deliver all Goods to the New Jersey Turnpike Authority. By signing this certification, a representation is made that no vehicle either owned, rented or leased by the Company will be used for the delivery of any goods to the New Jersey Turnpike Authority, and that, any delivery made will be restricted to the use of third parties providing package delivery service in the ordinary course of business. Accordingly, a waiver of Comprehensive Automobile Liability Insurance is hereby requested.

\_\_\_\_\_  
The Company (insert name of Company)

By: \_\_\_\_\_  
(print and sign name)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

**\$2MM WAIVER**

## NEW JERSEY TURNPIKE AUTHORITY SPECIFICATIONS FOR AXLE COUNTING TREADLES

### 1. BID BASIS

The price bid shall be for a treadle including all mounting hardware and adaptors that will count accurately for two (2) years or four (4) million axles.

### 2. SCOPE

These specifications shall set forth the purpose, capabilities, and construction requirements of axle counting devices acceptable for use in revenue control functions of the New Jersey Turnpike Authority.

### 3. GENERAL REQUIREMENTS

The axle counting treadle shall be a removable pad of rubber, neoprene, poly-vinyl chloride, polyurethane, or other equally durable material. It shall be designed to fit, without alterations, inside previously installed frames which have inside opening dimensions of 10 feet long, 11.625 inches wide and 1.750 inches high. A copy of the treadle frame plane is attached to these specifications. All material that can be considered as exterior surface of the treadle shall provide maximum resistance to the action of sun, water, oil, salt and abrasion. The interior of the treadle shall be free of chips and foreign matter. Each treadle shall be permanently marked on two (2) approved locations, with an identification or consecutive number, three-quarters of an inch in size which can be correlated with date of manufacture and manufacturer's name.

The treadle shall consist of four (4) strips/sensors. The treadle strips/sensors shall sequentially close or **activate** by the rolling motion of a vehicular wheel. The treadle shall be completely waterproof and water in no form, or in no way shall affect the function of accurately counting axles. The treadle along with any interface and in conjunction with the Authority's existing logic circuitry, shall count not less than 99.85% of the axles of all vehicles moving across or over it at a speed of 50 MPH or less so long as the crossing is at an angle not in excess of 13 degrees with the center line. The spacing between the treadle strips/sensors shall be such that as an axle crosses over the treadle it shall activate the next treadle strip/sensor in the direction of motion before deactivating the previously activated treadle strip/sensor. The duration of this overlap in this sequence shall be determined by the speed which the vehicle crosses over the treadle and should be a minimum of 0.005 seconds at a speed of 50 MPH.

**Output circuits** shall be connected to a high quality waterproof cable assembly with appropriate electrical characteristics, Underwriters Laboratory Type S or approved equal. The cable assembly shall be capable of being connected to the existing (previously installed) terminals in an existing (previously installed) enclosure to achieve axle count recording.

The treadle output circuits shall be capable of switching the negative of a 24VDC power supply. Not acceptable are conditions, design, or construction that would make it necessary for the Authority to alter the cable, conduit, frame adapter, or any other previously installed equipment in order to achieve axle count recording objectives. The cable joint shall be vulcanized to and/ or an integral part of the treadle and connection shall be completely watertight. The cables shall be up lead in nature and shall be 50 feet in length.

Each treadle shall include one set of bolts and washers which are necessary for the installation. The bolts and washers used for holding the treadle in the frame shall be made of non-corrosive metals such as bronze, stainless steel, monel or other materials as approved by the Authority.

#### 4. GUARANTEE

The treadle shall be guaranteed for two years of service following acceptance and installation. The Supplier shall refund the full purchase price of the treadle to the Authority if the treadle stops operating (any strip/sensor that fails), chronically undercounts or chronically over-counts at a rate greater than 0.15% of axles crossing the treadle within the first six (6) month after installation. Units that fail prior to two (2) years of service and that have been in operation in excess of six (6) months will have a credit calculation made of their remaining life. The formula to be used in computing this credit will be to reduce the original value of the treadle by dividing that cost by 546, multiplying by the number of days of service beyond the first six months and subtracting that number from the original cost. The value thus computed will be the refund price due on the failed treadle which may, at the Authority's option, be applied to the purchase of a new treadle.

The guarantee begins once the treadle is installed for use which may be up to eighteen months from the date of receipt by the Authority. The guarantee is for two (2) years. The Authority reserves the right to leave a failed treadle in the ground until a replacement is delivered or until the treadle can be replaced by other means at the Authority's discretion.

All shipping costs for returning any defective treadle shall be assumed by the vendor. Shipping costs shall include the cost of boxing, crating, or packaging and handling, as well as transportation of the treadle from the Authority to the vendor.

Record date of receipt of each treadle and dates of installation and removal, shall be maintained by the Authority's ITS Department and shall be the basis of claims under the guarantee. Failure of a treadle furnished hereunder shall be deemed if it does not meet the specifications herein; if it fails to accurately record axles through chronic under or over-counting at an error rate of 0.15% of all axles passing over the treadle, if any strip/sensor shorts or remains open.

## 5. FACTORY TESTING

The vendor shall perform the following factory tests and supply certification to the Authority with each treadle purchased that the tests have been performed and the unit as passed these tests successfully. The tests shall consist of the following:

1. Test of each treadle pad strip/sensor in the completed unit at one (1) foot intervals at 35 PSI to check that the contact or sensor triggers and or closes; the test will assure that contact trigger/closure occurs when the proper activating pressure/force is applied and that the trigger/closure remains until that pressure/force is removed.

## 6. DELIVERY SCHEDULE / DELIVERY SITE

The successful vendor shall deliver all treadles per instructions stated on the Purchase Order, and within forty-five (45) days after issuance of a Purchase Order

## 7. CONTRACT BOND

The successful vendor will be required to post a performance bond in the amount of 100% of the contract value. The performance bond shall be extended to also cover the two (2) year operational guaranty required in the specifications.

## 8. PRICES

The bid per treadle price shall include all hardware and interface boards and circuitry necessary to make the units operational per Authority specifications, as well as all shipping and handling charges.

