

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

New Jersey Turnpike Administrative Offices

1 Turnpike Plaza

P.O. Box 5042

Woodbridge, New Jersey 07095-5042

Tel. - 732-750-5300 Ext. 8640

REQUEST FOR BID

TITLE: **2-CUBIC YARD MASON DUMP TRUCKS AND
ACCESSORIES**

BID NO: **R-155297**

DUE DATE: **02/20/20**

TIME: **2:00 PM**

SUBMIT BIDS BEFORE THE DUE DATE AND TIME STATED ABOVE 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.

SECTION I

A. INTRODUCTION

The New Jersey Turnpike Authority (the “Authority”) was created by an act of the New Jersey Legislature in 1948, known as the New Jersey Turnpike Authority Act (as amended and supplemented, “Act”). The Act authorizes the Authority to construct, maintain, repair, and operate the New Jersey Turnpike, to collect tolls, and to issue Turnpike Revenue Bonds or Notes, subject to the approval of the Governor, payable from tolls and other revenues of the Authority. On May 27, 2003, the Act was amended to empower the Turnpike to assume all powers, rights, obligations and duties of the New Jersey Highway Authority (the “Highway Authority”), which owned and operated the Garden State Parkway and PNC Bank Arts Center. On July 9, 2003, the Authority assumed all powers, rights, obligations and duties of the Highway Authority. The Authority currently operates both the Garden State Parkway (“GSP”) and the New Jersey Turnpike (“Turnpike”) (both roads are collectively referred to herein as the (“Roadways”).

The Authority is governed by an eight-member Board of Commissioners (“Board”). The Governor of New Jersey appoints each of its members and has the statutory authority to overturn an action of the Board by vetoing any Board action within 10 days of receiving the minutes of the meeting. The Board authorizes awards of all public contracts over \$100,000, except in cases where it has delegated authority to the Executive Director.

This bid solicitation is being conducted pursuant to the Authority’s enabling statute as found in *N.J.S.A. 27:23-6.1* and Executive Order number 37 (Corzine 2006) and the regulations and policies of the Authority regarding public bid procurement.

BIDDER GUIDELINES/CHECKLIST

BIDS THAT FAIL TO CONFORM TO THE FOLLOWING REQUIREMENTS MAY BE REJECTED:

1. The Request for Bid (“RFB”), including specifications and related bid documents (“Bids”) must be received at or before the due date and time stated on the cover page at the following place: New Jersey Turnpike Authority, Administration Building, 1 Turnpike Plaza, Woodbridge, New Jersey 07095. **LATE BIDS WILL BE RETURNED UNOPENED. ELECTRONIC, EMAILED OR FACSIMILE BIDS WILL NOT BE ACCEPTED.** A public Bid Opening will take place at the New Jersey Turnpike Authority, Administration Building, 1 Turnpike Plaza, Woodbridge, New Jersey 07095.
2. **The entity submitting a Bid (“Bidder”) must provide one original and one copy of the Bid.** The Bid must include all price information. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Price quotes must be firm through issuance of contract.
3. All Bid prices must be typed or written in ink. Quote the specified unit of measure. If bidding an alternate, provide detailed specifications on the exception form attached.
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. **IF CHECKED, THIS RFB REQUIRES THE FOLLOWING MANDATORY DOCUMENT(S) BE SUBMITTED WITH THE BID. FAILURE TO COMPLY WILL RESULT IN REJECTION OF THE BID.**
 - (a) Bid Bond, Letter of Surety or a Cashier’s Check for 10% of the amount Bid ☒
 - (b) Ownership Disclosure Statement ☒
 - (c) Disclosure of Investment Activities in Iran ☒
 - (d) Vendor Disclosure Form ☒
6. **TO FACILITATE THE CONTRACT AWARD PROCESS, THE FOLLOWING DOCUMENTS SHOULD BE SUBMITTED WITH THE BID. IN THE EVENT THE DOCUMENTS ARE NOT SUBMITTED WITH THE BID, THEY SHALL BE SUBMITTED WITHIN THREE (3) BUSINESS DAYS FOLLOWING A VERBAL OR WRITTEN REQUEST FROM THE AUTHORITY.**
 - (a) Certification of Registration with the Secretary of State (only if non-NJ corporation) ☒
 - (b) Acknowledgement of requirement for Disclosure of Political Contributions (ELEC) ☒
 - (c) SBE/WBE/MBE Certificates and Form ☒
 - (d) Bidder must sign the Bid ☒
7. **SEE THE AUTHORITY’S INSTRUCTION TO BIDDERS (ATTACHED) FOR A COMPLETE LIST OF THE AUTHORITY’S STANDARD CONTRACT TERMS AND CONDITIONS, AS WELL AS OTHER FORMS THAT ARE REQUIRED PRIOR TO THE AWARD OF THE CONTRACT(S). THE RECOMMENDED LOW BIDDER(S) MUST SUBMIT THE FOLLOWING CHECKED DOCUMENTS PRIOR TO CONTRACT AWARD.**
 - (a) Mandatory Equal Employment Opportunity Language ☒
 - (b) Affirmative Action Information Sheet with Certificate or Form AA302 ☒
 - (c) State Contractor Political Contributions Compliance Public Law 2005, Chapter 51 & EO 117 ☒
 - (d) Notice to All Bidders of Set-Off for State Tax ☒
 - (e) Insurance Certificate ☒
 - (f) State of New Jersey Division of Business Registration Certificate ☒

SECTION II

A. INTENTION

1. **Sealed Bids (Paper Submission Only)** for **R-155297** must be received at the New Jersey Turnpike Authority Administrative Offices, 1 Turnpike Plaza, Woodbridge, New Jersey 07095-5042, by the due date and time stated on the cover page of this “RFB” at which time and place said Bid will be opened and read in public.
2. Bidders mailing Bids should allow for their normal mail delivery time to ensure timely receipt of the Public Bids. **Please be advised that using an 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.**
3. **It is the intention of the Authority to issue a Purchase Order for the procurement of 2-CUBIC YARD MASON DUMP TRUCKS AND ACCESSORIES.**
4. Items purchased under this contract will be delivered as directed by the Authority.
5. Please contact CHRISTINE NOBLE with any questions regarding this procurement at noble@njta.com.

B. BID SHEET INSTRUCTIONS

1. Bidders must follow all instructions in this RFB and in the Instructions to Bidders issued by the Authority, and any other documents issued by the Authority regarding this RFB (collectively, “Bid Documents”).
2. Bidders must examine the bid documents carefully before bidding and must ask the Director of Procurement and Materials Management Department (“PMM”) in writing for any interpretation or correction of any apparent ambiguity, inconsistency or apparent error therein. If necessary, an interpretation or correction to the specifications in the form of an addendum shall be issued at least three (3) days prior to the bid opening by the Director of PMM to Bidders who have obtained the Bid Documents in accordance with *N.J.A.C. 19:9-2.2(a)(3)*. **Requests for interpretation or correction shall be considered only if received at least 5 business days prior to the Bid opening date.**
3. 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 PMM of the existence of an ambiguity or inconsistency in the Bid Documents, a Bid will conclusively be presumed to have been based upon the Authority’s interpretation of such ambiguity or inconsistency.

- 4 All erasures, interpolations or other physical changes on the Bid form shall be signed or initialed by the Bidder. Bids containing any conditions, omissions, erasure's, alterations, or items not called for in this "RFB" or irregularities of any kind, may be rejected by the Authority, in its sole discretion.
- 5 The Bidder shall not attach conditions, limitations or provisos to its Bid.
- 6 **The Authority will accept Approved Equivalent items on this Bid.** If a Bidder is basing the RFB on items other than what is specified, and wishes the items proposed to be considered as an "Approved Equivalent", the Bidder shall enter a price on the Bid sheet then submit on the Exception Form in the exact format of the line item on the RFB contained herein, the item number, an item description including manufacturers name, model number, informational brochure(s), and packaging quantities of those items that the Bidder proposes to substitute.

C. BASIS OF AWARD

1. Bidders must supply a price for every item listed. **Bids not having a price for all listed items may be rejected.**
2. Bidders must quote only one price per line item. **If a Bidder quotes multiple prices per line item, the Bid may be rejected.**
3. 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.
4. All items are to be Bid FOB Destination. All shipping, handling, and other costs should be considered in the Bid price(s).
5. The Authority is tax exempt from New Jersey Sales and Excise Tax.
6. Award will be made to the lowest responsible and responsive bidder for the total line items Bid.

D. MISCELLANEOUS

1. **ELECTRONIC PAYMENT:** The Vendor will be required to accept **payment(s) for goods or services via automatic deposit from the Authority. NO OTHER FORM OF PAYMENT WILL BE PROVIDED.** See Exhibit M in the Instructions to Bidders on the Authority's website for the required electronic payment forms: <http://www.njta.com/doing-business/goods-and-services>

E. BID QUOTATION SHEET

| ITEM | QTY | UNIT | DESCRIPTION | UNIT PRICE | TOTAL BID AMOUNT |
|------|-----|------|----------------------------------------------------------------------------|------------|------------------|
| 1 | 2 | EA | 2-Cubic Yard Mason Dump Trucks and Accessories per attached Specifications | \$ | \$ |

Number of days, after receipt of a Purchase Order, that all vehicles or equipment will be delivered to the Authority, fully completed and compliant with the Specifications:

DAYS

Award will be made to the lowest responsive and responsible bidder for the Total Bid Amount.

ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA EMAIL TO:
noble@njta.com

PURSUANT TO N.J.A.C. 19:9-2.2 (a)(3), ADDENDA WILL BE DISTRIBUTED AND POSTED ON THE AUTHORITY'S WEBSITE AT LEAST THREE DAYS PRIOR TO THE BID OPENING.

NEW JERSEY TURNPIKE AUTHORITY

**Very truly yours,
Dale Barnfield, Director
Procurement and Materials Management**

Name of Company

Authorized Signature of Bidder

F. SIGNATURE PAGE

1. **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.)

2. **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 bid 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.

3. **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.

4. **AUTHORIZED SIGNATURE:** _____

Print Name and Title: _____

Bidder: _____

Address: _____

City, State, Zip: _____

E-mail address: _____

Telephone #: _____ Fax: # _____

Date: _____

ADDITIONAL YEARS PURCHASING OPTION

BID TITLE: 2-CUBIC YARD DUMP TRUCKS AND ACCESSORIES

BID NUMBER: R-155297

3 - Year Open End Option: The Authority shall have the option for one (1) Model Year* from the date of Contract, to order additional units conforming to the requirements of these specifications at the same price and under the same terms and conditions as those contained herein.

The Authority shall further have the option to purchase additional units conforming to these specifications for two (2) additional Model Years. Any unit(s) offered during the two (2) subsequent Model Years shall be of the model equivalent to that specified herein. In the latter instances, if there have been any price changes, the vendor shall submit a request to the Authority covering the aforesaid price changes, and shall include appropriate explanation and justification for any such price changes.

Any such request for price adjustment shall be in writing and directed to the Director, Procurement and Materials Management Department and shall be accompanied by the following evidence as a basis for your request;

1. The published price lists for equipment, which were in effect at the time of your original proposal.
2. The equivalent published price lists in effect at the time of your request.
3. Any additional evidence which the Authority deems necessary in the evaluation of your request.

The Authority shall, within its sole discretion, have the right to accept the price changes proposed by the vendor or if it so desires, re-bid the requirement.

*Model Year is defined as the Model Year of the Manufacturer of the unit(s) offered by you in this Request for Quotation. In that instance where proposals are for equipment for which "Model Year" and "Production Cut-Off Dates" are undefined or non-existent, the "Model Year" is defined, for bid purposes, as one calendar year from the date on which the Contract is accepted. The last date on which orders may be placed for the Model currently in effect is_____.

Name of Company and / Authorized Signature of Bidder

SECTION III

NO RESPONSE BID SURVEY

BID REQUISITION NUMBER: R-155297

**BID TITLE: 2-CUBIC YARD MASON DUMP TRUCKS AND
ACCESSORIES**

If you do not choose to respond to this Bid, please complete this form and email to Christine Noble at: noble@njta.com

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 now
- _____ 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:_____

GENERAL INSTRUCTIONS AND SPECIFICATIONS FOR:

QUANTITY: 2

DESCRIPTION: 2-CUBIC YARD MASON DUMP TRUCK AND ACCESSORIES

SPECIFICATIONS:

MDC-2020: MASON DUMP CHASSIS

MDB-2020: MASON DUMP BODY WITH FOLD-DOWN SIDES

COMPLIANCE WITH RULES AND REGULATIONS: The unit and associated equipment furnished must comply with all Federal and State Motor Vehicle Safety Laws and Regulations and shall be capable of passing the New Jersey State Motor Vehicle Inspection Laws, where applicable.

ENERGY STAR REQUIREMENTS: If applicable for items specified in the bid package, the vendor must provide products that earn Energy Star Certification and meet the Energy Star specifications for energy efficiency. The vendor is encouraged to visit energystar.gov for complete product specifications and updated lists of qualifying products. The Energy Star label must also be affixed to each delivered item. The bidder's signature on the signature page certifies that items so indicated that have earned Energy Star and meet the Energy Star specifications or other standards for energy efficiency will be supplied.

ERRORS AND OMISSIONS: Inadvertent omissions or errors in the attached specifications must be brought to the attention of the New Jersey Turnpike Authority's Director of Procurement and Materials Management at 732-750-5300 before bid submission date. If, with knowledge of such error or omission and prior to the correction thereof, the bidder proceeds with any work affected hereby, they shall do so at their own risk and the work so done shall not be considered as work done under and in performance of this Agreement unless and until approved and accepted.

QUESTIONS: Questions, which arise before or during the preparation of the unit, shall be addressed in writing via e-mail from the vendor to Dale Barnfield (Acting Director of Procurement and Materials Management) at dbarnfield@njta.com at the New Jersey Turnpike Authority on a not to delay basis.

DELIVERY DATE: All bidders **must** list on their "Bid Quotation Sheet" in the space specified the number of days (e.g. 120, 150 ,180, etc. after receipt of purchase order) that all vehicles or equipment will be delivered to the Authority fully completed and fully compliant with the specifications. A **specific** number of days **must** be listed. Under **no** circumstances shall bidders give approximate dates or ranges of dates to deliver such as: 210 days to 240 days. **FAILURE TO FOLLOW THESE GUIDELINES MAY RESULT IN REJECTION OF BID.**

CONFIRMATION OF ORDER: Once the Vendor receives the purchase order via email from the Authority's representative, the Vendor shall have a maximum of thirty (30) days to **verify in writing** to the Authority that the vehicles or equipment have been placed on order with the manufacturer of said vehicle (s) or equipment. **FAILURE TO FOLLOW THESE GUIDELINES MAY RESULT IN REJECTION OF PURCHASE ORDER AND AWARD TO THE NEXT LOWEST RESPONSIBLE BIDDER.**

DELIVERY INSTRUCTIONS:

Vendor must contact Peter Perperas (Project Supervisor) at 732-750-5300 ext. 8647 for authorization to schedule date and time prior to delivery. Deliveries shall be made to:

**New Jersey Turnpike Authority
District 4 Maintenance Facility
Exit 8 NJ Turnpike and Route 33
Hightstown, NJ 08520**

- A. Vendor shall be responsible for all delivery, shipping and pick-up expenses.
- B. All units must be pre-delivery serviced, completely assembled, operational, and cleaned prior to Authority delivery.
- C. The following administrative package **must** accompany all deliveries:
 - **Certificate of Origin:** All New Jersey Manufacturers, Dealers, and/or Distributors **must** stamp the C.O. "Sales Tax Satisfied". The C.O. shall be made out to New Jersey Turnpike Authority, P.O. Box 5042, Woodbridge, NJ 07095. Certificate of Origin shall have current date and be hand delivered to Peter Perperas after final acceptance of complete order.
 - **Out of Country Certificates of Origin shall not be acceptable. Awarded vendors outside the United States must use their United States Distributor to fill out Certificates of Origin. NO EXCEPTIONS**
 - **Invoice:** purchase order number must be displayed on vendors invoice. Invoice shall have current date and be hand delivered to Peter Perperas after final acceptance of complete order.
 - Warranty forms properly executed.
 - Four (4) keys for each vehicle shall be furnished (each vehicle shall have an independent key code). Successful bidder must supply a key code listing for each vehicle identification number. **NO EXCEPTIONS**

- Four (4) keys, keyed alike for toolboxes or similar compartments shall be furnished for each vehicle. **NO EXCEPTIONS**
- State MVC (Motor Vehicle Commission) required inspection stickers shall be provided with each vehicle upon delivery.
- Federal Safety Inspections shall be performed and stickers shall be attached to the vehicles prior to delivery.
- All vehicles being delivered shall have a **Dealer Plate** affixed to the vehicle.
- It shall be the responsibility of the awarded vendor that all tolls, when applicable be paid when making delivery to the Authority.

D. All units shall be delivered with a minimum of a half tank of fuel.

E. **Deliveries made directly to the Authority from the manufacturer shall not be acceptable, unless manufacturer is awarded bidder.**

WARRANTY: All units delivered must be guaranteed to be free from defects in materials, design and workmanship for a minimum of one (1) year (see additional warranties in specification) and shall start from the time of written acceptance by the New Jersey Turnpike Authority. Warranty must include service availability from any manufacturers authorized dealer establishment most closely located to Parkway and Turnpike area. This repair facility may not be further than 100 miles from District 5 Telegraph Hill Central Maintenance Facility in Holmdel, NJ 07733 or District 4 Maintenance Facility located in Hightstown, NJ 08520. If warranty service is required, the vendor who supplied the unit shall provide for pickup, delivery and repair of unit at no charge to the New Jersey Turnpike Authority. All warranty periods shall start from date of written acceptance of the unit by the New Jersey Turnpike Authority.

EXCEPTION SHEET: Exception sheet is furnished with each set of specifications. Bidders making exceptions must note exceptions by item and indicate substitution in lieu and submit with bid, detailed specifications on the substitution. If the vendor is submitting an alternate product, component, feature or part to what is referenced in the specifications, the proposals **must** be accompanied by descriptive literature, marked and indicate the exact items to be furnished, with an engineering drawing of the same. **Failure to supply information requested may result in rejection of bid.** Where no exception is taken; the word "None" shall be neatly printed or typed on the exception sheet. **Failure to supply information and/or failure to complete the bidder's exception spaces in the prescribed manner may disqualify bid. It shall be understood that if no exception is taken, the vendor shall supply all material exactly as specified. No substitution will be permitted after receipt of bids.**

APPROVED EQUIVALENT: A bid substitution for a specified item brand and/or model that meets the required quality and performance standards of the original brand; substitutions will be determined to be an approved equivalent by the New Jersey Turnpike Authority.

UNIT INFORMATION FORM: Vendor shall complete the entire Unit Information Form. **Failure to complete form may result in rejection of bid.**

MANUFACTURER'S PRODUCTION SHEET: The vendor shall furnish one (1) copy of the actual Factory Production Sheet for each unit provided.

TRAINING: It shall be the responsibility of the successful bidder to supply all safety, operational and service training to New Jersey Turnpike Authority personnel in accordance with all applicable ANSI and OSHA regulations. The safety and operational training shall consist of a complete review and understanding of the manufacturer's owner manual, along with actual operation of equipment. The instructor shall emphasize all proper uses for safe operation. The training shall include but not limited to all general troubleshooting of the hydraulic system and associated electronics. The instructor shall also emphasize the proper use of tools and test equipment along with general shop safety. The service seminars shall be similar to factory and manufacture type schools. The training shall be scheduled and take place at one (1) site, approximately (4) hours designated by the New Jersey Turnpike Authority.

LABELS: Plastic stick-on labels shall not be acceptable.

ADVERTISEMENTS: No **Dealer** advertisements shall appear on unit or any other equipment.

NOTICE TO BIDDERS: Bidders shall **not** be allowed to use vehicles/equipment in any type of shows, conventions brochures, etc. without prior written consent of the New Jersey Turnpike Authority. **NO EXCEPTIONS**

ACCESSORIES: All accessories shall be manufacturer installed when the item is available from the manufacturer.

FACILITIES: Bidders shall represent a manufacturer, which has in operation a factory adequate for the manufacture of the equipment, which it proposes to furnish. The manufacture(s) whose associated equipment or products are bid shall have a full-service warranty and parts supply facility that can guarantee availability of parts within 24 hours after telephone order and shall be located within a 100-mile radius of either District 4 Maintenance Facility (exit 8 on the NJ Turnpike) located in Hightstown, NJ 08520 or Telegraph Hill Central Maintenance Facility (exit 116 on the GSP) located in Holmdel, NJ 07733. The bidder shall submit the locations, names and telephone numbers of people who are authorized to service the equipment or who can be reached for emergency service.

Location_____

Phone #_____

Contact_____

Name & Title

**SPECIFICATIONS: MDC-2020
MASON DUMP CHASSIS**

BIDDER'S INSTRUCTIONS

IT SHALL BE THE BIDDER'S RESPONSIBILITY TO CAREFULLY EXAMINE EACH ITEM OF THE SPECIFICATION. BIDDERS MUST INDICATE WHETHER THEY COMPLY OR NON-COMPLY FOR EACH LINE ITEM IN THE SPECIFICATION. FAILURE TO PROVIDE A COMPLETED BID MAY CAUSE REJECTION OF BID. ALL NON-COMPLY RESPONSES AND/OR BIDDERS PROPOSED "APPROVED EQUIVALENTS" MUST BE FULLY EXPLAINED ON EXCEPTION FORM, NOTING SECTION AND ITEM. FAILURE TO EXPLAIN NON-COMPLY RESPONSES OR FAILURE TO SUPPLY DETAILED LITERATURE/BROCHURES ON THE BIDDERS PROPOSED "APPROVED EQUIVALENTS" MAY CAUSE REJECTION OF BID. WHERE "MINIMUM/MAXIMUM" IS SPECIFIED, BIDDERS MUST PROPOSE AT LEAST THE MINIMUM/MAXIMUM SIZES OR THE BID MAY BE REJECTED.

| | COMPLY | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| | YES | NO |
| GENERAL: | | |
| A. 2020 or new current model 2-wheel drive cab and chassis with dual rear wheels and a two (2) cubic yard steel dump body with 100-gallon heated water tank and accessories. | | |
| B. The unit shall be new and of the latest design and be in current production at time of submission of bid. | | |
| C. Bidders must provide detailed specifications, and pictures describing exact vehicle and equipment that shall be provided. NO EXCEPTIONS | | |
| D. All standard and optional equipment shall be Original Equipment Manufacturer (OEM), when available. | | |
| CHASSIS: | | |
| A. 16,000 lbs. G.V.W.R. | | |
| B. 169" wheelbase. | | |
| C. 84" cab to axle. | | |
| D. After frame: cut to body requirement and front frame mounted tow hooks. | | |
| ENGINE: | | |
| A. 7.3-liter V-8 gas engine with high-capacity air cleaner. | | |
| B. 350 horsepower minimum. | | |
| C. 460 lb./ft. torque minimum. | | |
| ELECTRICAL: | | |
| A. Dual 78AH 12-volt heavy-duty maintenance free batteries. | | |
| B. Heavy-duty 395-amp minimum alternator. | | |

| | COMPLY | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| | YES | NO |
| STEERING: | | |
| A. Power steering. | | |
| B. Tilt steering with steering wheel mounted cruise control. | | |
| TRANSMISSION: | | |
| A. Heavy-duty 10-speed automatic transmission with selectable drive modes including but not limited to tow/haul mode. | | |
| B. Synthetic transmission fluid shall be used and installed from factory. | | |
| FRONT SUSPENSION: | | |
| A. Mono beam axle wide type with coil springs and stabilizer bar. | | |
| FRONT AXLE: | | |
| A. 7,500 lbs. | | |
| FRONT SHOCKS: | | |
| A. Heavy-duty type. | | |
| REAR SUSPENSION: | | |
| A. Multi-leaf springs. | | |
| REAR AXLE: | | |
| A. 13,660 lbs. | | |
| B. 4.88 axle ratio with limited slip capabilities. | | |
| BRAKES: | | |
| A. 4-wheel antilock. | | |
| B. Manufacturer's standard parking brake. | | |
| C. Integrated factory installed trailer brake controller. | | |
| TIRES: | | |
| A. Steel belted tubeless black wall radial. | | |
| B. 225/70R x 19.5G front all-purpose tires and rear all traction tires. | | |
| C. One (1) spare tire mounted and balanced same type and size on vehicle and include 6-ton hydraulic jack. | | |
| CAB: | | |
| A. Conventional type with tinted glass all around with platform running boards. | | |
| B. Rubber full floor covering. | | |
| C. Instruments/interior/reading and dome lights. | | |
| D. Instrumentation: <ul style="list-style-type: none"> • Speedometer • Odometer w/trip odometer • Fuel level • Voltmeter • Engine temperature • Oil pressure • Transmission fluid temperature • Engine hour meter | | |

| | COMPLY | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| | YES | NO |
| <ul style="list-style-type: none"> • Tachometer • Outside temperature gauge | | |
| E. Fuel tank capacity: 26-gallons. | | |
| F. Horn: dual electric. | | |
| G. Two (2) 12-volt DC power outlets and one (1) 110/400w outlet, which shall include dash-mounted outlet. | | |
| H. Windshield wipers/washers: intermittent with wet arm pulse. | | |
| I. Sun visors: left/right side. | | |
| J. Arm rests: padded left/right side. | | |
| K. Seatbelts: provide all positions. | | |
| L. Air Bags: provide driver & passenger. | | |
| M. Seats: standard 40/20/40 vinyl seats with center armrest, cup holder, storage and driver's side manual lumbar. | | |
| N. Fresh air heater/defroster. | | |
| O. All weather air conditioning. | | |
| P. Am/fm stereo radio with speakers and antenna. | | |
| Q. Power door locks with remote keyless entry. | | |
| R. Power windows. | | |
| S. Exterior mirrors: trailer tow mirrors with power heated glass and manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals and shall also include utility lighting system LED side mirror spotlights. | | |
| T. Safety reflector kit. | | |
| U. 2½ lb. dry chemical "UL" listed fire extinguisher suitable for ABC class fires. | | |
| LIGHTS AND REFLECTORS: | | |
| A. Comply with N.J. State and Federal Regulations and include daytime running lamps. | | |
| B. Use LED where applicable. | | |
| C. Roof marker lamps with center high mounted stop lamp. | | |
| BACK-UP ALARM: | | |
| A. Preco 45-AA or Authority approved equivalent. | | |
| MULTI-HITCH: | | |
| A. Class III receiver shall be installed by Original Equipment Manufacturer. | | |
| B. Pintle hook receiver mount, black powder coated finish, solid shank, 11⅜" length, 8-mounting holes. | | |
| C. 15-ton regular pintle hook, black powder coated finish mounted to pintle hook receiver mounted on ½" steel hitch plate and shall include safety pin and retention chain. | | |
| TRAILER SOCKET: | | |

| | COMPLY | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| | YES | NO |
| A. 7-round pin trailer die-cast socket wired per SAE code: J560B (Cole Hersee part #12063 female or Authority approved equivalent). | | |
| B. See Specifications: TCEBC-2018. | | |
| C. Die-cast socket shall include a back-sided protective boot. | | |
| PAINTING: | | |
| A. DuPont Dulux Omaha Orange Enamel # 93-082 or Authority approved equivalent. | | |
| B. Hood shall be painted flat black. | | |
| LIGHTBAR: | | |
| A. Whelen model IW2AAAANJTPKC Liberty 2 WC with pre-determined emergency warning pattern or Authority approved equivalent lightbar. | | |
| B. Lightbar shall be gutter mounted and come fully equipped with all necessary parts, gutter mounting kit, switch control, etc. | | |
| C. Lightbar shall be mounted per manufacturer's specifications. | | |
| D. Lightbar shall be mounted on cab described in this specification high enough to be fully viewed from all angles. | | |
| E. If necessary, vendors can contact Jeff Beutel at Fleet Reps: 914-906-1304 for additional specific information regarding lightbar package. | | |
| F. Rear strobes: <ul style="list-style-type: none"> The rear strobe type light shall be a Whelen Model VTX609A Vertex Super LED Light or Authority approved equivalent. Furnish and install 2 self-contained hemispheric LED strobe type light head assemblies into the reverse (back-up light) section of rear taillight assemblies, including all mounting hardware and accessories for all vehicles listed in bid package. | | |
| TOOLBOXES: | | |
| A. Saddle type toolboxes: two (2) toolboxes shall be installed on the chassis behind cab (one on street side and one on curbside). The toolboxes shall be a minimum of 18" x 18" x 30". They shall be located on the chassis below the body. RC series M black or Authority approved equivalent. All toolboxes shall be lockable with four (4) sets of keys/locks for each toolbox. | | |
| B. Full-width: one (1) full-width toolbox mounted on the chassis behind the cab underneath the water tank. This full-width toolbox shall have access doors on both sides that shall be lockable. | | |
| C. All three (3) toolboxes (saddle and full-width) shall all be keyed alike. | | |
| MANUALS: | | |
| A. The following manuals shall be supplied at time of delivery for each vehicle ordered: <ul style="list-style-type: none"> Operating-2 Maintenance-1 Repair-1 | | |

| | COMPLY | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| | YES | NO |
| • Parts-1 | | |
| WARRANTY: | | |
| A. Cab/chassis shall be guaranteed to be free from defects in materials, design and workmanship for three (3) years/36,000 miles-bumper to bumper and five (5) years/60,000 miles-powertrain from time of acceptance by the New Jersey Turnpike Authority. | | |

**SPECIFICATIONS: MDB-2020
MASON DUMP BODY WITH FOLD-DOWN SIDES**

BIDDER'S INSTRUCTIONS

IT SHALL BE THE BIDDER'S RESPONSIBILITY TO CAREFULLY EXAMINE EACH ITEM OF THE SPECIFICATION. BIDDERS MUST INDICATE WHETHER THEY COMPLY OR NON-COMPLY FOR EACH LINE ITEM IN THE SPECIFICATION. FAILURE TO PROVIDE A COMPLETED BID MAY CAUSE REJECTION OF BID. ALL NON-COMPLY RESPONSES AND/OR BIDDERS PROPOSED "APPROVED EQUIVALENTS" MUST BE FULLY EXPLAINED ON EXCEPTION FORM, NOTING SECTION AND ITEM. FAILURE TO EXPLAIN NON-COMPLY RESPONSES OR FAILURE TO SUPPLY DETAILED LITERATURE/BROCHURES ON THE BIDDERS PROPOSED "APPROVED EQUIVALENTS" MAY CAUSE REJECTION OF BID. WHERE "MINIMUM/MAXIMUM" IS SPECIFIED, BIDDERS MUST PROPOSE AT LEAST THE MINIMUM/MAXIMUM SIZES OR THE BID MAY BE REJECTED.

| | COMPLY | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| | YES | NO |
| GENERAL: | | |
| A. Two (2) cubic yard, high strength 9' long steel dump body mounted on the chassis described in this specification. | | |
| B. The body shall have drop down sides on both sides with two (2) underbody toolboxes one (1) on <u>each</u> side of the chassis located behind the cab. | | |
| C. There shall also be a full-width toolbox mounted to the frame located underneath the water tank. | | |
| D. The tailgate shall have a single-lever quick release handle for lowering the tailgate. | | |
| E. The dump body shall be new and of the latest design and be in current production at time of submission of bid. | | |
| F. Bidders must provide detailed specifications, and pictures describing exact unit and equipment that shall be provided. NO EXCEPTIONS | | |
| G. All standard and optional equipment shall be Original Equipment Manufacturer (OEM), when available. | | |
| CAPACITY: | | |
| A. The basic body shall have a cargo carrying volume of at least two (2) cubic yards. | | |
| BODY DIMENSIONS: | | |
| A. Inside length: 9'. | | |
| B. Inside width: 84". | | |
| C. Side height: 13" drop down type. | | |
| D. Front height: 23" (no window cut out). | | |

| | COMPLY | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| | YES | NO |
| E. Tailgate height: 19". | | |
| F. Capacity: 2/3 cubic yards. | | |
| BODY CONSTRUCTION: | | |
| A. The body and tailgate shall be constructed of at least 10-gauge steel. | | |
| SIDES: | | |
| A. Both street side and curbside shall be hinged so the sides drop down. | | |
| B. The sides shall have full box type sections on the top and shall be able to lock in the "up" position. | | |
| TAILGATE: | | |
| A. The tailgate shall have a single lever quick-release handle. | | |
| B. Both sides and tailgate shall be constructed of a minimum of 10-gauge high-grade steel with double wall construction, fully boxed, continuously welded with two (2) vertical braces and shall have grease lubricated sides and tailgate hinge pins. | | |
| C. The tailgate shall be double acting with forward controls. | | |
| D. The tailgate brace slope shall be 45°. | | |
| E. The perimeter of the tailgate shall have a brace of at least 3½" in width. | | |
| F. The tailgate hinge pin diameter will be a minimum of 1¼" and shall have grease lubricated fittings on the tailgate hinge pins. | | |
| FLOOR: | | |
| A. The floor shall be a minimum of 7-gauge steel and be flat full width. | | |
| TOP RAIL: | | |
| A. The top rail shall have a width of at least 3". | | |
| SIDE BRACES: | | |
| A. There shall be two (2) boxed side braces located on each side. | | |
| FRONT CORNER POSTS: | | |
| A. The corner posts shall be fully boxed with a 6" minimum vertical facing. | | |
| REAR CORNER POSTS: | | |
| A. The corner posts shall be fully boxed with a 10" minimum vertical facing. | | |
| WELDING: | | |
| A. The full rear apron shall be welded to corner posts. | | |
| B. All continuous welded body shell. | | |
| CROSS MEMBERS: | | |
| A. The cross members shall be at least 3" x 4 lb./ft. structural channel steel and shall not be spaced on more than 12" centers. | | |
| LONG MEMBERS: | | |
| A. The long members shall be at least 6" x 8.2 lb. structural channel. | | |
| LADDER: | | |

| | COMPLY | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| | YES | NO |
| A. One (1) sturdy cable ladder, 12" wide shall be securely attached to the curb side rear corner of the body. | | |
| B. The ladder shall be fabricated using at least 1" steel cable for the frame with a minimum of 1 1/8" steel grip strut steps. | | |
| C. The bottom step of the ladder shall be no more than 24" off the ground. | | |
| D. The step at the rub rail shall be at least 2" wide steel grip strut and be self-cleaning. | | |
| E. A body safety prop shall be installed. | | |
| MUD FLAPS: | | |
| A. Plain black rubber mud flaps shall be provided and installed by the vendor for both front and rear wheels. (No advertisements) | | |
| LIGHTING: | | |
| A. All FMVSS-108 light and reflectors. | | |
| B. LED shall be used where applicable. | | |
| RUST PROOFING: | | |
| A. Rust proof complete truck and body. | | |
| B. The rust proofing material shall be Ziebart, military specification MIL-C-0083933A. If substituting, the material must meet military specifications MIL-C-0083933A and have a warranty equal to Ziebart's. | | |
| C. The application of rust proofing material must be done by a facility whose primary business is vehicle and equipment rust proofing. | | |
| D. Rustproof dump body's complete underside and all enclosed, boxed-in and double-paneled areas including tailgate. | | |
| RUST PROTECTION: | | |
| A. Drill drain holes in all pockets, reinforcements and corner posts. Pockets and corner posts shall be rust proofed through drain holes. | | |
| PAINTING: | | |
| A. After the primer sealer, paint shall be DuPont Dulux Orange Enamel # 93-082 or Authority approved equivalent. | | |
| B. The paint shall be applied in a two-step process with the orange base coat and additional polyurethane overcoat. | | |
| REAR STRIPING: | | |
| A. Supply 1/8" aluminum plate striped riveted to tailgate. Note: Aluminum plate shall not impede with quick release handle on tailgate. There shall be enough clearance between striping plate and quick release handle to safely operate tailgate without causing injury. Edges of striping plate shall be smoothed or rolled in the area of the quick release handle on the tailgate. | | |
| B. Yellow and black stripes shall be 6" wide. | | |
| C. Diamond Grade Fluorescent VIP Reflective Sheeting-3981 Yellow. Scotchcal 3650-12 Black. | | |
| D. Diamond Grade Conspicuity Marking 981-326 Red 6", White 6", and both 2" wide. | | |

| | COMPLY | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----|
| | YES | NO |
| E. See Specification: Stripe Plate/Dump Truck. | | |
| F. Diamond Grade Conspicuity Marking 981-326 red/white shall be attached directly onto two (2) areas on both sides of the body (front to rear). | | |
| HOIST REQUIREMENTS: | | |
| A. The hoist shall be compatible with the body listed for the application and rated at not less than 8-ton capacity. | | |
| B. The sub frame shall be made from high-strength steel with heavy-duty mounting plates. | | |
| C. Direct lift type hoist. | | |
| D. The dump angle on the hoist shall be at least 50°. | | |
| E. Hoist shall be electric hydraulic with push button controls. | | |
| F. Double acting-power up and power down. | | |
| G. The hoist shall be NTEA (National Truck Equipment Association) Certified. | | |
| WATER TANK: | | |
| A. 100-gallon water tank made of polypropylene at least 3/8" thick shall be installed above the full width of the toolbox mounted directly behind the cab. | | |
| B. The tank shall be mounted in a cushioned saddle structural steel frame. | | |
| C. Water tank shall be mounted to prevent any vibration, slippage or movement and shall be centered left to right. | | |
| D. The dimensions of the tank shall be approximately 81" wide x 24" high x 18" deep. | | |
| E. The truck engine shall heat the water in the tank to at least 100° F by the use of a heat exchanger that shall be mounted under the hood. | | |
| F. A 12-volt circulation pump shall also be installed in one of the toolboxes that are attached to the frame. (The circulation pump shall be mounted on the same side as the heat exchanger). | | |
| G. The circulation pump shall have a detachable partition protecting the pump located in the toolbox so when tools are stored they will not damage the pump. | | |
| H. The pump shall also have an external drain. | | |
| I. A float switch shall be installed in the tank to shut the pump off when low water level is reached as not to damage pump. | | |
| J. There shall be at least two (2) fill openings with lids 5" in diameter on top of the tank and 2 outlet ports/drains 1 1/4" in diameter that shall be located approximately 8" below the top of the chassis frame rails. | | |
| K. Both drain ends shall have a "T" with a spigot at one opening of the "T" and piping to the circulation pump at the other opening. | | |
| L. The pump, motor, and all piping shall be properly braced, supported, and protected to avoid damage. | | |

| | COMPLY | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| | YES | NO |
| WATER PUMP: | | |
| A. A water pump shall be installed to pump water from the water tank. | | |
| B. Pump shall be capable of pumping at least 8 gpm at 18 psi at a pump speed of 1,800 rpm's. | | |
| C. Pump shall have ½" FPT ports. | | |
| D. Pump shall be mounted below the tank to insure a flooded suction line. | | |
| E. The pump shall be driven by a 12-volt DC electric motor with an output of at least ⅓ hp at 1,800 rpm's. | | |
| F. The motor shall be driven off of the electrical generating system of the truck. | | |
| G. The suction line of the pump shall be equipped with a removable strainer. | | |
| H. The pressure line shall be piped to a spigot with ¾" garden hose threaded outlet. | | |
| I. The spigot shall be mounted under the body at curbside front corner of the body next to the under-body toolbox. | | |
| J. The pump, motor and all piping shall be properly braced, supported and protected to avoid damage and adverse weather conditions. | | |
| MANUALS: | | |
| A. The following manuals shall be supplied at time of delivery for each vehicle ordered: <ul style="list-style-type: none"> • Operating-2 • Maintenance-1 • Repair-1 • Parts-1 | | |

SPECIFICATIONS: TCEBC-2018
TRAILER CONNECTION / ELECTRIC BRAKE CONTROL

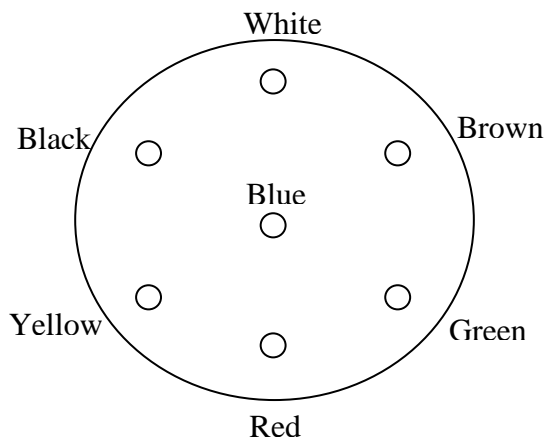
7-Way Round Pin, Trailer Connectors for Authority Trucks and Trailers

CONNECTOR MARKING COLOR

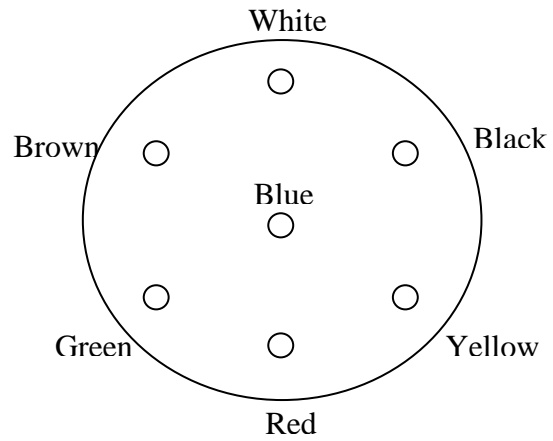
APPLICATION

| | |
|-------------|------------------------------------------------------------------------------------------|
| WHITE..... | GROUND |
| BLACK..... | TAIL LIGHT |
| BROWN..... | TAIL LIGHT |
| YELLOW..... | LEFT TURN SIGNAL |
| GREEN..... | RIGHT TURN SIGNAL |
| BLUE..... | ELECTRIC BRAKE |
| RED..... | 12-VOLT BATTERY- WITH 30-AMP AUTOMATIC BIMETAL THERMAL RESET CIRCUIT PROTECTION |

SOCKET MARKINGS

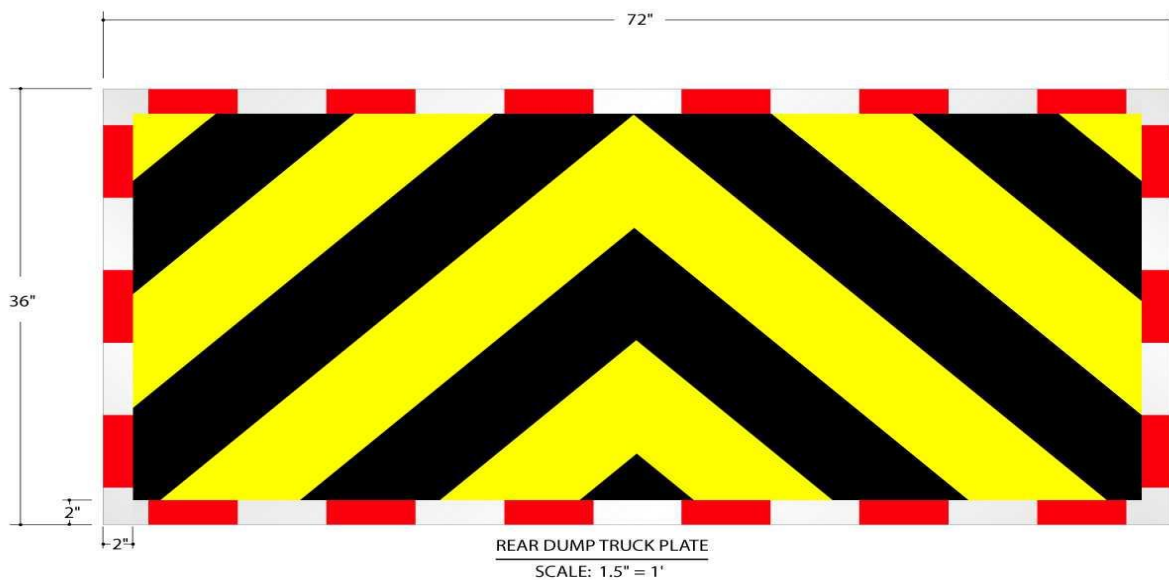


PLUG MARKINGS



SPECIFICATIONS: STRIPE PLATE/DUMP TRUCK

1. All stripes will be six (6) inches wide, forty-five (45) degrees from vertical.
 - a. The yellow stripes shall be Diamond Grade Fluorescent Yellow VIP Reflective Sheeting-3981, pressure sensitive or approved equivalent.
 - b. The black stripes shall be Scotchcal 3650-12, pressure sensitive or approved equivalent.
2. There shall be a Diamond Grade Conspicuity Marking 981-326, Red 6", White 6" both 2" high, surrounding the top, bottom, and both sides of the stripes, pressure sensitive.
3. A striping plate of $\frac{1}{8}$ " aluminum shall be used and shall be striped and riveted $\frac{1}{4}$ " diameter rivets to tailgate. Dimensions below are approximate. **Note:** Aluminum plate shall not impede with quick release handle on tailgate. There shall be enough clearance between striping plate and quick release handle to safely operate tailgate without causing injury. Edges of striping plate shall be smoothed or rolled in the area of the quick release handle on the tailgate.
4. The entire rear of the truck body shall be fully covered without covering any lights or accessories. Exact size of stripe plate shall be determined by contacting the NJTA Inspector prior to fabrication and mounting.
5. All materials shall be manufactured and applied as approved by the manufacturer.



FAILURE TO COMPLETE ALL AREAS MAY RESULT IN REJECTION OF BID

UNIT INFORMATION FORM
(Must be submitted by vendor with bid documents)

TRUCK:

YEAR: _____ MAKE: _____ MODEL: _____

ENGINE MAKE: _____

MODEL: _____ HP: _____ LITER: _____

G.V.W.R.: _____ LBS.

BATTERY VOLTS/AMPS: _____

C.C.A. @ (0° F): _____

ALTERNATOR MAKE: _____ MODEL: _____ AMPS: _____

FUEL TANK CAPACITY: _____ GALLONS

TIRE SIZE FRONT & REAR: _____

BACK-UP ALARM MAKE: _____ MODEL: _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

BODY:

DESCRIPTION _____

YEAR: _____ MAKE: _____ MODEL: _____

CAPACITY: _____ CUBIC YARDS

INSIDE LENGTH: _____ INCHES
INSIDE WIDTH: _____ INCHES

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____
Name & Title

LIGHTBAR:

YEAR: _____ MAKE: _____ MODEL: _____

DESCRIPTION: _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____
Name & Title

RUSTPROOFING:

MAKE: _____

WARRANTY PERIOD: _____

APPLIER: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____
Name & Title

WATER TANK:

YEAR: _____ MAKE: _____ MODEL: _____

DESCRIPTION/SIZE: _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

CIRCULATION PUMP:

YEAR: _____ MAKE: _____ MODEL: _____

INSTALLER: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

WATERPUMP:

YEAR: _____ MAKE: _____ MODEL: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

TOOLBOXES: SADDLE-TYPE:

YEAR: _____ MAKE: _____ MODEL: _____

DESCRIPTION: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

TOOLBOX: FULL-WIDTH:

YEAR: _____ MAKE: _____ MODEL: _____

DESCRIPTION: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

[illegible]

Date _____