

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

New Jersey Turnpike Administrative Offices

One Turnpike Plaza

P.O. Box 5042

Woodbridge, New Jersey 07095-5042

Tel. - 732-750-5300 x 8640

**REQUEST FOR BID**

**MANDATORY ELECTRONIC BIDDING**

**VIA**

**BID EXPRESS**

**TITLE: 7-CUBIC YARD DUMP TRUCKS**

**BID NO: RM-136638**

**DUE DATE: JANUARY 9, 2018**

**TIME: 11:00 AM**

**SUBMIT BIDS BEFORE THE DUE DATE AND TIME STATED HEREIN**

**BIDDER INFORMATION (PLEASE PRINT)**

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NAME OF BIDDING ENTITY

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ADDRESS

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CITY, STATE AND ZIP CODE

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E-MAIL ADDRESS

---

REPRESENTATIVE TO CONTACT - NAME & TITLE

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TELEPHONE NO.

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

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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 with regard to public bid procurement.

## **B. BIDDER GUIDELINES/CHECKLIST--MANDATORY ELECTRONIC SUBMISSION**

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

1. Bids submitted in response to this Request for Bids ("RFB"), including specifications and related bid documents ("Bids"), **MUST be submitted electronically on or before the due date and time stated herein. PAPER BIDS WILL BE REJECTED AND RETURNED TO THE BIDDER UNOPENED.** A public Bid Opening will take place at the New Jersey Turnpike Authority, Administration Building, 1 Turnpike Plaza, Woodbridge, New Jersey 07095.
2. The Bid must include all price information. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided and must be firm through issuance of contract.
3. Bidders must bid the specified unit of measure. If bidding an alternate, bidder must provide detailed specifications on the exception form. (attachment).
4. The Bidder must attend the mandatory site inspection at the following date(s) and time(s) if applicable:
5. **If checked, this RFB requires the following Mandatory Document(s) or the Bid will be rejected:**
  - (a) Electronic Bid Bond Submission. Alternatively a hard copy Bid Bond, Cashier's Check (10% amount Bid), Letter of Surety may be submitted but must be received by the Authority at or prior to the bid opening. ☒
  - (b) Ownership Disclosure Statement (New Form – August 2017) ☒
  - (c) Disclosure of Investment Activities in Iran ☒
6. See the Authority's Instruction to Bidders 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. (attachment)

**The following checked documents are required for this Bid. Failure to submit the required forms may result in the rejection of the Bid.**

- (a) State of New Jersey Division of Revenue Business Registration Certificate ☒
  - (b) Acknowledgement of requirement for Disclosure of Political Contributions (ELEC) ☒
  - (c) Public Works Contractor Registration Certificate(s) (if applicable) ☐
  - (d) Affirmative Action Information Sheet with Certificate or Form AA302 ☒
  - (e) Signed Mandatory Equal Employment Opportunity Language ☒
  - (f) SBE/WBE/MBE Certificates and Form ☒
  - (g) Vendor Disclosure Form (EO129-Location of Services) ☒
  - (h) Notice of Set-Off for State Tax (P.L. 1999, c 159) ☒
  - (i) Automobile Insurance Liability Waiver ☐
  - (j) Insurance Certificate ☒
  - (k) Three year Open Option Clause ☒
7. Bidder must sign the their bid

## **SECTION II**

### **A. INTENTION**

1. **Bids must be Submitted Electronically** through the Bid Express Electronic Bidding portal on the Authority's website located at <http://www.njta.com/doing-business/goods-and-services>, under the location entitled "Request for Bids". For further information on this process, see page 6 of this RFB.
2. A Public Bid Opening will take place for Electronic Bid R-136638 at the New Jersey Turnpike Authority, Administration Building, 1 Turnpike Plaza, Woodbridge, New Jersey 07095, by the due date and time stated herein, at which time and place said Bid will be opened and read in public.
3. It is the intention of the Authority to issue a Purchase Order/Notice of Award "NOA" for the procurement of sixteen (16) 7-Cubic Yard Dump Trucks.
4. Items purchased under this contract will be delivered as directed by the Authority.
5. Please contact Richard Bava with any questions regarding this procurement at 732-750-5300 x-8636, or [rbava@turnpike.state.nj.us](mailto:rbava@turnpike.state.nj.us).

### **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 in connection with 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 shall be issued by the Director of PMM in response to inquiries and/or addendum shall be emailed and posted on the Bidexpress.com website. Bidders who have obtained the Bid Documents upon the issuing of an addendum, 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. Requests for interpretation must be submitted via email.**
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. Bids containing any conditions, omissions, 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 proposal 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. The Authority is tax exempt from New Jersey Sales and Excise Tax.
5. Award will be made to the lowest responsive and responsible bidder for the total line items Bid.

### **D. MISCELLANEOUS**

1. Anticipated Delivery Date \_\_\_\_\_
2. **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>**
3. Contract Bond: The successful bidder will be required upon award, to provide a contract bond in an amount of: \_\_\_N/A\_\_\_ % of the Contract amount.

## **Process – Registration for Electronic Bidding**

In an effort to make the bid solicitation process more efficient and cost effective for both vendors and the “Authority”, the “PMM” Department has adopted an electronic bidding process for the majority of its public bids. Receipt of bids via the electronic format will be required for designated procurement contracts. **This bid shall only be submitted electronically via the [bidexpress.com](https://bidexpress.com) website. (Paper bids will be rejected.)**

In those instances, where electronic bids are required, the bidder must submit the bids to **[bidexpress.com](https://bidexpress.com)**. It is recommended that all vendors become familiar with the process to prepare for the Authority contracts that require electronic submission. All electronic bidders must **register on [bidexpress.com](https://bidexpress.com) and create a Free “Digital ID”** to the vendor and may take up to five (5) business days to process and an additional 48 hours once approved by Bid Express before bid submittal. The Authority recommends that a Digital ID be processed in advance, should a Digital ID not be established at the time of bid submission, electronic submittal may not be possible. The Authority recommends you plan accordingly.

The Digital ID is used to sign bids and serve important functions including: a) assuring the Bidder and the Authority, that the digital signature is from the entity submitting the bid (forgery resistance); b) ensuring that no one can alter a bid (non-repudiation) and c) preventing the information in a bid from disclosure to unauthorized parties (secrecy).

In lieu of paying the overnight delivery costs, Bid Express charges a fee of \$25.00 on a pay-per solicitation basis. Alternatively, you can participate in Bid Express’ monthly subscription (\$50.00) program (nationally) for unlimited electronic bid submission to all entities that post solicitations on the **[bidexpress.com](https://bidexpress.com)** website which receives daily email notifications by your companies’ commodity codes. Furthermore, Bid Express provides alerts to errors and omissions and not being able to submit an incomplete or inaccurate bid. Bid Express also has an optional electronic bid bond submission program, which the bid express team can guide you through the process with assistance from your insurance carrier; this service shall verify accurate bid bond submittal.

**For additional information on electronic bidding and FAQs, go to the <https://bidexpress.com> or contact the Bid Express team toll free at (888) 352-2439 (select option 1).**

## **BID PRICE SHEET**

<b>ITEM</b>	<b>QTY</b>	<b>UNIT</b>	<b>DESCRIPTION</b>	<b>UNIT PRICE</b>	<b>TOTAL DOLLAR AMOUNT</b>
1.	16	EA	7-CUBIC YARD DUMP TRUCKS AND ACCESSORIES, AS PER ATTACHED SPECIFICATIONS	\$	\$

**ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA EMAIL TO [RBAVA@TURNPIKE.STATE.NJ.US](mailto:RBAVA@TURNPIKE.STATE.NJ.US) NO LATER THAN FIVE (5) BUSINESS DAYS BEFORE BID OPENING**

### **NEW JERSEY TURNPIKE AUTHORITY**

\_\_\_\_\_  
Andrea E. Ward  
Director, PMM Department

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

## A. 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.
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: \_\_\_\_\_



### **SECTION III**

#### **NO RESPONSE BID SURVEY**

**BID / REQUISITION NUMBER: R-136638**

**TITLE: 7-CUBIC YARD DUMP TRUCKS AND ACCESSORIES**

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:\_\_\_\_\_

## **ADDITIONAL YEARS PURCHASING OPTION**

**BID REQUISITION NUMBER: R-136638**

### **TITLE: 7-CUBIC YARD DUMP TRUCKS AND ACCESSORIES**

**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\_\_\_\_\_.

# NEW JERSEY TURNPIKE AUTHORITY

## GENERAL INSTRUCTIONS AND SPECIFICATIONS FOR:

Estimated Quantities	Description	Required Delivery Date
16	Conventional Cab Chassis with 7-Cubic Yard Stainless Steel Dump Bodies And Accessories	270 Days After Receipt of Order

### SPECIFICATIONS:

CC-2018: CAB CHASSIS

DB-2018: 7-CUBIC YARD STAINLESS STEEL DUMP BODY

HPBV-2018: HYDRAULIC POWERED BODY VIBRATOR

CHS-2018: CENTRAL HYDRAULIC SYSTEM

TS-2018: TAILGATE SPREADER

LBS-2018: LIGHTBAR STANCHION

RL-2018: ROTATOR LIGHTS

SPL-2018: SNOW PLOW LIGHTS

SPH-2018: SNOW PLOW HITCH

SP-2018: SNOW PLOW

7PTC: 7-POLE ROUND PIN TRAILER CONNECTORS ON TRUCKS AND TRAILERS

TCAABC-2018: TRAILER CONNECTION/ABS AIR BRAKE CONTROL

STRIPE PLATE/DUMP TRUCK

**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](http://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.

**ELECTRONIC BIDDING:** Along with the electronic bid sent, bidders when required must provide detailed specifications, technical sheets, pictures, and drawings describing exact unit that shall be provided. If unable to send required information electronically, bidders must send hard copy data at least twenty-four (24) hours prior to bid opening. **NO EXCEPTIONS**

**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 units, shall be addressed in writing via e-mail from the vendor to Dale Barnfield (Manager of Procurement) at [dbarnfield@turnpike.state.nj.us](mailto:dbarnfield@turnpike.state.nj.us) at the New Jersey Turnpike Authority.

**PILOT MODEL:** The awarded bidder shall make available one **fully completed** pilot model for inspection and approval by the Authority. The unit shall be transported (responsibility of the awarded vendor) to the NJTA Garden State Parkway Division's District 5 (Telegraph Hill) Maintenance Facility located at Garden State Parkway Exit 116 in Holmdel, NJ 07733.

**REQUIRED DELIVERY DATE:** In the event a bidder takes an exception to the Authority's required delivery date, they **must** note the exception on the attached exception sheet. Furthermore, 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 THE BID OR RECSCISSION OF THE CONTRACT.**

**DELIVERY INSTRUCTIONS:**

- A. 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 the NJTA Garden State Parkway Division's District 5 Telegraph Hill Central Maintenance Facility located at GSP Exit 116 in Holmdel, NJ 07733.**
- B. Vendor shall be responsible for all delivery, shipping and pick-up expenses.
- C. All units must be pre-delivery serviced, completely assembled, operational, and cleaned prior to Authority delivery.
- D. 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.
  - **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.
- Delivery of all units fully completed and fully compliant shall be made no later than two hundred seventy (270) days after receipt of Purchase Order.

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

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

G. In the event the awarded bidder contracts a trucking/delivery company to deliver units, a representative from the awarded bidders company must be at the delivery site at time of delivery to the Authority. **NO EXCEPTIONS.**

**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 warranty coverages in specification) from the time of acceptance by the New Jersey Turnpike Authority. All warranties shall start upon written acceptance of units 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 (Formerly Central Shops) 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 acceptance of 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. The copies of the Factory Production Sheet shall be submitted at the time of the Authority's inspection of the unit.

**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 related 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: CC-2018  
CAB AND 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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. 2018 or new current model International Workstar or Authority approved equivalent SFA (Set Forward Axle) 4 x 2, 6-wheel configuration.		
<b>FRAME:</b>		
A. 10.125" x 3.580" x 0.312" 120,000 psi <b>minimum</b> main frame rails, one piece extending 20" ahead of grille.		
B. 10.813" x 3.892" x 0.312" full "C" channel reinforcement, one piece extending the entire length of main frame including the extension.		
C. 3,580,800 RBM (Resisting Bending Movement) <b>minimum</b> .		
D. Huck fasteners shall be used for all cross members, fuel tank, and battery box brackets.		
E. Heavy-duty channel type front bumper with ends swept back at 30° angles and bolt-on front tow hooks with opening through bumper.		
F. Bolt-on or welded frame sections shall not be acceptable.		
G. Bolt-on front tow hooks with opening through the bumper. One right and one left, within easy access to afford quick operator hook up of tow chain. Hooks shall be of drop forged steel with a <b>minimum</b> of 44,500 lbs. working load. Grade 8 bolts shall be used to attach hook to chassis. Each hook shall be curved upward to assure tow chain will not fall off when no tension is present. Welded on hooks shall not be acceptable.		
H. Electro-statically painted frame rails. Written certification is required.		
I. Wheelbase & Cab to Axle: <ul style="list-style-type: none"> <li>• Wheelbase: 165"</li> <li>• Cab to axle: 90"</li> </ul>		
J. 40,000 lbs. G.V.W.R.		
K. The Authority reserves the right to determine final CA and AF dimension		



	COMPLY	
	YES	NO
at issuance of Purchase Order.		
<p>L. Frame shall have factory installed severe duty frame tie stiffener:</p> <ul style="list-style-type: none"> <li>• Shall be designed to provide frame rail to frame rail stability at the bellhousing/flywheel housing connection point location.</li> <li>• Must be capable of preventing excessive frame rail flexing.</li> <li>• Must be capable of providing additional frame stability to the left and right frame rails at both rear motor mount base plate mounting areas.</li> <li>• Shall be Huck® bolt mounted to the left and right frame rail behind the front axle rear leaf spring mounts and positioned below the transmission bell housing.</li> <li>• The design and installation shall maintain adequate and reasonable hi-center ground clearance, shall not interfere with any other vehicle or accessory components or equipment.</li> <li>• Must be designed to be capable of chassis and driveline component protection from damage associated with the load stresses and impacts consistent with plowing heavy snow in an interstate highway environment.</li> <li>• Must be designed to be durable, performing as outlined herein throughout the expected useful life of the vehicle.</li> </ul>		
<b>FRONT BUMPER:</b>		
A. Heavy-duty steel 10" channel shall replace standard front bumper and shall be bolted via grade 8 bolts and self-locking elastic nuts to the front frame extension of the chassis.		
B. The bumper shall have means for mounting the front license plate.		
C. Two (2) steps, one (1) each side shall be constructed of 2" Bustin or Authority approved equivalent material.		
D. Steps shall be 8" wide x 8" deep.		
E. Step brackets shall be a <b>minimum</b> of 3/8" x 2" A36 material.		
<b>FRONT CATWALK:</b>		
A. The front frame extension shall incorporate an aluminum catwalk between the bumper and the chassis.		
B. The catwalk shall be three (3) section aluminum dirt shedding and have a separate top edge for positive foothold.		
C. Material shall be Bustin or Authority approved equivalent and be attached via rust proof stainless steel bolts with self-locking elastic insert nuts.		
D. Catwalk shall be located to provide best possible access to the chassis and engine components.		
E. The outer two (2) sections shall be capable of supporting 500 lbs.		
<b>FRONT AXLE:</b>		
A. 14,000 lbs. capacity front axle.		
B. Greaseable drag link and tie rods.		



	COMPLY	
	YES	NO
C. Weight capacity of front axle <b>must</b> be able to accommodate snow plow hitch and snow plow specified in this bid package.		
<b>FRONT SUSPENSION:</b>		
A. 14,000 lbs. capacity front suspension.		
B. Parabolic taper-leaf front springs with shock absorbers.		
C. Spring pins shall be rubber bushed and maintenance free.		
D. 2,000 lbs. capacity auxiliary front springs.		
<b>REAR AXLE:</b>		
A. 26,000 lbs. capacity single reduction with driver controlled main locking differential.		
B. Axle switch shall be LED back-lighted.		
C. An automatic disengage feature shall be supplied to disengage the locking mechanism after the vehicle reaches a speed of 25 mph.		
D. Factory installed synthetic gear lube and magnetic drain plug shall be installed.		
E. Axle ratio shall enable vehicle to cruise at 65 mph at maximum G.V.W.R.		
<b>REAR SUSPENSION:</b>		
A. 31,000 lbs. capacity vari-rate rear springs.		
B. Include 4,500 lbs. capacity multi-leaf auxiliary springs.		
<b>BRAKES:</b>		
A. Brake pedal and valve shall be firewall suspended.		
B. ABS anti-lock air brakes.		
C. Diagnostic electronic capability shall inform operator and the mechanic of any malfunctions including area of system failure.		
D. Air dryer.		
E. "S" cam type on front and rear shoes.		
F. 13.2 cubic foot gear driven air compressor with dual air supply gauges.		
G. Air pressure gauges shall be located in the instrument cluster.		
H. Automatic slack adjusters.		
I. Air tanks shall be aluminum and painted black.		
J. All air lines shall be color coded.		
K. Dust shields shall be provided on front and rear brakes.		
L. Parking brake alarm shall be provided. Horn shall sound when parking brake is not set with ignition off and any door opened		
M. Air tank shall be located 25" back of cab mounted outside right frame rail. Tanks shall be parallel to frame for maximum ground clearance.		
<b>STEERING:</b>		
A. Full hydraulic power steering.		
B. Steering column shall be tilt style.		
<b>EXHAUST SYSTEM:</b>		
A. Horizontal diesel particulate filter shall be located outside frame rail and		

	COMPLY	
	YES	NO
under cab floor.		
B. Exhaust pipe shall be vertically mounted on a bracket and attached to the frame rail.		
C. 90° curved exhaust pipe and heat shield shall be supplied.		
<b>ELECTRICAL:</b>		
A. Programmable electrical system with self-diagnostics. System shall be designed to isolate electrical problems on the input/output side of circuit and display fault codes. Color coded and continuously numbered wiring shall be supplied.		
B. All electronically controlled accessory equipment shall be interfaced with four (4) individual Body Integrated Remote Power Modules mounted inside cab; each with up to six (6) outputs and six (6) inputs, <b>maximum</b> 20 amps per channel, <b>maximum</b> 80 amps for each required module. Includes three (3) additional dash-mounted switch packs with six (6) switches latched or momentary/labeled and back-lighted, with this system including but not limited to switches, controls and indicators. Anticipated provisions shall be communicated to the chassis manufacture prior to chassis build.		
C. All circuits shall be protected by manual reset circuit breakers or fuses shall be mounted in the OEM central power distribution panel.		
D. A pre-trip inspection to test exterior light functions shall be supplied that shall enable the operator to test the exterior lights (body lights, snow plow lights, parking lights, headlights low& high beam, right/left/rear turn lights, brake lights, spinner light, and warning rotator lights) by means of a button located in the cab.		
E. Three (3) 12-volt 1950 CCA maintenance free batteries with over crank protection. Batteries shall be mounted on a steel (powder coated black) box with aluminum (not painted) cover. Battery box to be mounted driver side under cab. DEF tank to be mounted below battery box for clean CA.		
F. AM/FM radio with weather band, clock, and speakers.		
G. Turn signal switch shall include “flash to pass” feature.		
H. Daytime running lights, fender mounted dual faced amber/amber directional lights in addition to front corner directional shall be provided.		
I. Taillights shall have a separate 8' of cable for left and right side body lights.		
J. Stop, turn, tail, and back-up lights shall be a Truck Lite model LED or Authority approved equivalent.		
K. The following lights shall automatically turn on when wiper switch is engaged: <ul style="list-style-type: none"> <li>• Headlights</li> <li>• Taillights</li> <li>• Marker lights</li> </ul>		

	COMPLY	
	YES	NO
L. Five (5) LED cab marker lights shall be provided.		
M. Two (2) 7" round LED headlights shall be provided.		
N. Wipers shall have two (2) speeds with washer and intermittent feature. Wiper control shall force wipers to their slowest intermittent speed when parking brake is set and wipers are left on for more than 30 seconds.		
O. 165-amp Delco Remy 36SI brushless, pad mounted with remote voltage sensor or Authority approved equivalent alternator.		
P. Gauges & Lights: <ul style="list-style-type: none"> <li>• Oil pressure</li> <li>• Water temperature</li> <li>• Warning lights</li> <li>• Voltmeter</li> <li>• Speedometer</li> <li>• Tachometer</li> <li>• Odometer</li> <li>• Trip miles</li> <li>• Engine hours</li> <li>• Trip hours</li> </ul>		
Q. Dual electric horns.		
R. Dual single tone rectangular chrome air horns mounted on top of cab with snow shields.		
S. Back-up alarm shall be a Preco 45-AA or Authority approved equivalent. Shock mounted alarm shall be mounted under right taillight.		
T. Body builder harness shall be located outside of cab. Included shall be stop, tail, turn, and marker light circuits, ignition controlled auxiliary feed, and ground.		
U. Chassis manufacture shall supply 2-way radio wiring with 20 amp fuse protection. Shall include 5 amp fuse and be routed to overhead radio console.		
V. A weatherproof modules for body builder connections shall be located inside the cab.		
W. All switches must be back-lighted and (OEM) labeled.		
X. All electrical powered auxiliary equipment not installed by chassis manufacturer shall be wired in accordance with sections A & B (ELECTRICAL) and include proper circuit protection. All wiring connections shall be installed in a weather tight junction box or with weather pack connectors, solderless connections are unacceptable. Any holes drilled for installation of accessories, wiring, brackets, etc. shall be properly primed, painted and sealed with silicone prior to installation to prevent rust.		
Y. Chassis manufacture shall supply a 36" wiring harness for separate snow plow head lights and turn signals with LED back-lighted rocker type switch.		
Z. Snowplow lights shall be supplied. See Specification: SPL-2018.		

	COMPLY	
	YES	NO
A-1. In addition to the control switch, all lighting and accessories shall turn off with ignition key “off” except for Federal D.O.T. requirements.		
B-2. It shall be the responsibility of the body supplier to ensure capability of installed equipment with switches provided by chassis manufacturer. The following switches shall be provided by the chassis manufacturer and shall be incorporated in the chassis multiplex wiring and circuit protection: <ul style="list-style-type: none"> <li>• Plow lights</li> <li>• Front rotators</li> <li>• Rear strobes</li> <li>• Spinner light</li> </ul> <b>NO EXCEPTIONS</b>		
C-3. It shall be the responsibility of the body supplier to ensure capability of installed equipment with alert indicators provided by chassis manufacturer. The following indicators shall be provided by the chassis manufacturer and will be incorporated in the chassis multiplex wiring and circuit protection: <ul style="list-style-type: none"> <li>• Body Fault</li> <li>• Oil Level</li> <li>• High Temp</li> <li>• Low Salt</li> <li>• Filter Fault</li> <li>• Body Up</li> </ul> <b>NO EXCEPTIONS</b>		
<b>ENGINE:</b>		
A. Cummins L9 or Authority approved equivalent.		
B. Electronic, 6-cylinder turbo-charged diesel engine.		
C. 350 Horsepower <b>minimum @</b> 2,000 rpm’s.		
D. 1150 lb./ft. Torque <b>minimum @</b> 1,400 rpm’s.		
E. 8.9 liter.		
F. Replaceable “wet type” cylinder piston liners. Oil cooled pistons.		
G. Heavy-duty starter with over crank protection.		
H. Cruise control integral with steering wheel.		
I. Provision for remote mounted engine control to include wiring for body builder installation of PTO controls, ignition switch controlled.		
J. Heavy-duty radiator with two (2) speed air operated fan drive.		
K. Ethylene Propylene Diene Monomer (EPDM) hoses or approved equivalent.		
L. Constant torque heat shrink radiator clamps.		
M. 120-volt engine block heater with weather protected flip plug cover shall be located under driver’s door.		
N. Extended long life coolant protected to at least -40° F. The system shall be tagged indicating make, type of anti-freeze and degree of protection.		

	COMPLY	
	YES	NO
O. Low coolant level warning light and audible alarm.		
P. Automatic engine shutdown system for oil pressure, coolant temperature, and coolant level with a 30 second delay and auto override.		
Q. Heated fuel/water separator.		
R. Integrated fuel pressure sensor.		
S. Oil pan: an extended life stainless steel oil pan.		
T. Rear engine mount to be severe duty containment type: <ul style="list-style-type: none"> <li>• Must be designed to separate frame flexing transference to the flywheel housing during plowing operations.</li> <li>• Engine mounts shall be slotted to accommodate a single heavy-duty coil spring.</li> <li>• Each mount shall have a 3" free length coil spring with an outside diameter of 1½" with a ¾" rod diameter and a 25% load deflection of 1734 lbs.</li> <li>• The coil spring through bolt shall be torqued to 80 ft/lbs.</li> <li>• Shall be designed to bi-directionally insulate the driveline and the vehicle frame.</li> <li>• Must be capable of insulating the vehicle frame from drivetrain vibration and torque.</li> <li>• Must be capable of insulating the drivetrain from plow impact and load transference to the vehicle frame.</li> <li>• Must be capable of chassis and driveline component protection from load stresses and impacts consistent with plowing heavy snow in an interstate highway environment.</li> <li>• Must be designed to be durable, performing as outlined herein throughout the expected useful life of the vehicle.</li> </ul>		
<b>TRANSMISSION:</b>		
A. Allison 3000 RDS or Authority approved equivalent.		
B. Five (5) forward speeds automatic transmission.		
C. Included shall be a transmission oil cooler and temperature gauge.		
D. Synthetic transmission fluid shall be used and installed by OEM.		
E. Furnished PTO provision and dash mounted temperature gauge.		
F. Chassis manufacturer installed PTO accommodation for electric/over hydraulic PTO with dash mounted, back-lighted switch and indicator light in gauge cluster. Shall have wiring incorporated and over-speed protection programmed within the OEM electrical system.		
<b>FUEL TANK:</b>		
A. 50-gallon <b>minimum</b> capacity aluminum fuel tank mounted under cab and shall include stainless steel straps.		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
B. Thermostat controlled electric fuel heater and filter with filter restriction/change indicator.		
C. Fuel tank shall be labeled in 1" high green letters <b>"DIESEL FUEL ONLY"</b> .		
D. Vent tube for fuel tank shall be attached to a bracket via zip-tie.		
E. DEF tank shall be mounted driver side under battery box which is mounted under the cab for clean CA. DEF tank shall be 5 U.S. gallons.		
<b>FRONT TIRES &amp; WHEELS:</b>		
A. Two (2) Goodyear G751 MSA 12R22.5 all position tires. Green House Gas Compliant. <b>NO EXCEPTIONS</b>		
B. Hub piloted black powder coat paint 8.25" steel disc wheels.		
<b>REAR TIRES &amp; WHEELS:</b>		
A. Four (4) Goodyear G751 MSA 12R22.5 all position tires. Green House Gas Compliant. <b>NO EXCEPTIONS</b>		
B. Hub piloted black powder coat paint 8.25" disc wheels.		
C. Rear plain black mud flaps (No Advertisements).		
<b>PINTLE HOOK &amp; HITCH PLATE:</b>		
A. The pintle hook shall be a forged steel ridge mount design sized to carry a 6,000 lbs. vertical load and 30,000 lbs. gross trailer weight.		
B. The pintle hook shall include a secondary cable tethered safety pin with a double wire tab lock. A cotter pin and chain shall not be an acceptable secondary lock pin arrangement.		
C. A ½" thick by at least 36" wide formed steel plate, full width of chassis frame rails, with a 3" return flange at the top and bottom shall be bolted to the chassis frame.		
D. Bottom and side support gussets shall be included.		
E. Two (2) swivel ¾" cold rolled steel "D" loops, 3" i.d. shall be attached to the bottom flange.		
F. Properly sized grade 8 bolts shall be used throughout the installation.		
G. The pintle hook height shall be 26" from ground to center of hook.		
H. A non-metallic weatherproof seven (7) pole round pin trailer socket shall be mounted through the hook plate on the upper left side of the pintle hook and OEM wired to the chassis as outlined in Specifications: 7PTC. Exact location shall be determined by contacting the NJTA Inspector prior to mounting.		
I. OEM installed electronic brake controller wiring and ABS brake controller wiring shall be routed and terminated at a chassis frame cross member bracket mounted weather proof junction box at the rear of the truck. See Specifications: TCAABC-2018.		
J. Complete ABS air brake trailer system including a hand valve control and trailer protection valve shall be installed with the exception of the Glad		

	COMPLY	
	YES	NO
Hands. The Glad Hand outlets on the pintle plate (location to be determined by the Authority) shall be plugged to prevent air leakage ( <u>swivel</u> glad hands 45° cast iron, 3/8" port size, 180° rotation). The Glad Hands shall be installed at a location determined by contacting the NJTA Inspector prior to installation.		
<b>CAB:</b>		
A. 2-door conventional cab design.		
B. Conventional cab design shall be galvanized steel.		
C. Hood shall be a 3-piece design with stationary bright finished grille.		
D. Odometer shall display miles, trip miles, engine hours, trip hours, and engine/vehicle system codes.		
E. Included shall be cab rear air bag suspension.		
F. All glass shall be tinted.		
G. Body builder “knockout” shall be provided in cab floor for body builder connections.		
H. Air operated, high-back vinyl driver seat with headrest and lumbar support and inboard armrest.		
I. High-back vinyl non-suspended passenger seat with headrest.		
J. Both front seats shall have orange colored 3-point seatbelts with automatic retractors.		
K. 3-Point seatbelts with automatic retractors.		
L. Overhead console with radio pocket wired as described in Paragraph U of Electrical Section.		
M. Included shall be front storage pockets.		
N. Dome light, left and right interior courtesy lights shall be mounted on door pockets. Lights shall activate when doors are opened.		
O. Dual sun visors.		
P. In-dash cup holder.		
Q. Driver’s door storage pocket.		
R. Interior grab handles on both sides.		
S. Chrome exterior grab handle with rubber insert-driver’s side of cab.		
T. Exterior mirrors shall be approximately 16" x 7" with break-away style “C” stainless steel brackets and convex mirrors. A look down 6" x 10" panoramic mirror shall be mounted above passenger door. Both primary mirrors shall be motorized and controlled by a switch located in cab within easy reach of the driver. Primary and convex mirrors shall be thermostatically heated.		
U. HVAC system shall include heater/defroster/air conditioning. Air conditioning system shall have self-diagnostic features with dash displayed fault codes.		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
V. Standard instrumentation packages shall be included with plug in type gauges.		
W. Hood wheel well rubber fender extensions shall not be acceptable.		
X. The chassis dash shall be an ergonomic wing style type for driver convenience.		
<b>MISCELLANEOUS:</b>		
A. Provided in cab shall be a dry chemical 5 lb. "UL" listed fire extinguisher suitable for ABC class fires. A quick-release type metal bracket shall be used to mount extinguisher to base of control panel pedestal. <u>Note:</u> Holes shall not be drilled into pedestal to mount quick-release bracket due to wiring running through pedestal. Wires passing through floor at bottom of pedestal must be neatly and uniformly filled with silicone.		
B. Provide a D.O.T. approved reflective triangle kit in cab.		
<b>PAINT:</b>		
A. All metal parts shall have the mill scale and oil removed by means of a high-pressure chemical cleaner prior to painting.		
B. All frame and running gear shall be painted manufacturers black.		
C. The top of the hood shall be painted non-reflective flat black.		
D. The other sections of the cab shall be painted with DuPont Dulux Omaha Orange Enamel # 93-082 or approved equivalent. Paint shall be applied in a two-step process with the orange base coat and additional polyurethane overcoat.		
E. Wheels, bumper, battery box (not battery cover), frame, and engine oil pan shall be powder coat painted.		
<b>DIAGNOSTIC, REPAIR &amp; PARTS:</b>		
A. The awarded vendor shall provide a three (3) year manufacturers Web-based diagnostic, repair, and parts subscription including truck chassis and engine.		
B. Diagnostic and repair information for transmission, air-brake system, and other installed components shall be Web-based or PC based software.		
C. Eighteen (18) complete sets of factory diagnostic and repair vehicle interface software, to include all necessary cabling and connections for a laptop computer or a hand held device shall be supplied.		
<b>MANUALS:</b>		
A. A detailed schematic and description of all body hydraulics, electrical, and other components not installed by chassis manufacturer shall be provided. Twenty-three (23) of each of the following manuals in either paper form or computer disc shall be supplied upon delivery: Operation, Repair, Maintenance, Parts, and Electrical.		
<b>AUTOMOTIVE TECHNICIAN TRAINING:</b>		
A. The awarded vendor shall provide accredited authorized manufacturer		



	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
new model training on the vehicles listed in this bid package. Forty (40) hours of training per technician shall take place at two (2) designated Authority facilities for approximately fifty (50) technicians at each facility.		
<b>WARRANTY:</b>		
A. Engine shall be covered for seven (7) years/150,000 miles/5400 hours including all electronic engine components and injectors.		
B. Cab shall be covered for five (5) years unlimited miles for perforation, corrosion, and structure.		
C. The frame shall be covered at 100% parts and labor for seven (7) years/ unlimited miles for cracks.		
D. The transmission shall be covered for five (5) years/unlimited miles, 100% parts and labor.		
E. The after treatment system shall be covered for five (5) years/150,000 miles including DOC, DPF, emission sensors, and regeneration fuel injector dozer.		
F. All warranties shall start upon date of acceptance from the New Jersey Turnpike Authority.		

**SPECIFICATIONS: DB-2018**  
**SEVEN (7) CUBIC YARD STAINLESS STEEL DUMP BODY**

**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
<b>GENERAL:</b>		
A. Seven (7) cubic yard <b>minimum</b> 201 stainless steel dump body.		
B. All component installation shall conform to the latest recommendation, procedures, and regulations of the following organizations: ASME, ASTM, AISI, API, AWS, DOT, FPS, ICC, JIC, MSS, NFPA, NEMA, NTEA, SAE, TTMA, and USASI.		
C. Dump body and hoist shall be of the latest design. Body and hoist shall be installed by an installer approved by the manufacturer of said components.		
D. Dump body and hoist shall be sized to provide proper load lifting capacity based upon size of each component in relationship to overall size of equipment specified.		
E. All components and installation shall be reviewed and approved in writing by the awarded vendors engineering department and shall be given to the NJTA Inspector at the pilot model inspection.		
F. Solid weld construction shall be used throughout unless otherwise specified.		
<b>BODY DIMENSIONS:</b>		
A. The following dimensions shall be considered <b>minimums</b> :		
Length.....120"                      Rear Post.....42"		
Width (max).....96"                      Tailgate Height.....42"		
Side Height.....36"                      Cab Shield.....None		
<b>BODY CONSTRUCTION:</b>		
A. The body shall be constructed of no less than 10-gauge 201 stainless steel.		

	COMPLY	
	YES	NO
B. The floor shall be one-piece with a <b>minimum</b> of ¼" thick abrasive resistant Hardox 450 or Authority approved equivalent high carbon steel with a built in 2" side to floor radius.		
C. Body shall have one (1) decal mounted on the passenger side lower front corner post and one (1) decal mounted on the driver's side lower front corner post stating " <b>HARDOX IN MY BODY</b> ". Decals shall be 5" wide x 5" long with white background and black 1½" high lettering.		
D. The under structure long members shall be a <b>minimum</b> of 8" I beam, 13 lbs./ft. steel, long member section and body structure must be adequately capable of supporting an elevated load while driving.		
E. The bottom side rails, dirt shedder, and top rails shall be one-piece full length construction.		
F. The front and rear corner posts shall be solid weld construction.		
G. The formed "V" horizontal side brace shall be centered between the top rail and bottom rail and run from the rear corner post to the front corner post.		
H. The corner posts shall have 8" sideboard holders.		
I. The sideboards shall be made of full length 8" x 2" solid oak and be sealed, primed, and painted the same color as the cab of the truck. The boards shall be bolted in place through the board holders (front & back).		
J. The front corner posts shall be a <b>minimum</b> of 10-gauge, 6" wide and 3¾" deep.		
K. The front posts shall extend from the top of the rub rail to the top rail.		
L. The rearward side of corner post shall be at a 90° angle to allow welding.		
M. The front side of post shall be even with the head sheet.		
N. The rear corner posts shall be 7-gauge and a <b>minimum</b> of 12" x 5".		
O. The bulkhead shall be one-piece construction 7-gauge, properly reinforced with top edge at cab roof height.		
<b>TAILGATE:</b>		
A. The tailgate shall have one (1) centered horizontal brace within a boxed frame with inverted angle dirt shedder on the top brace.		
B. The two (2) horizontal braces shall be dirt shedding on both top and bottom.		
C. A full-length latch pin shall be inserted.		
D. Tailgate chains shall be a <b>minimum</b> of ⅜" high sheen, clevis removable and covered with nylon mesh.		
E. Greaseable top pins shall be 1¼" diameter standard style and include a .125" retention chain.		
F. Banjo plates shall be a <b>minimum</b> of ⅝" thick, two (2) per side.		
G. Two (2) inverted "J" hooks shall be permanently attached to the center section through stripe plate directly to tailgate horizontal brace evenly spaced at ⅓ increments to accommodate tarp ties.		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
H. Stainless top hardware shall be tarp friendly style.		
I. Bolt-on type hardware and pins shall not be acceptable.		
J. In each lower corner of the tailgate shall be a yellow caution label (3" x 6") that reads in ¾" high black letters <b>"STAY CLEAR OF TAILGATE"</b> .		
<b>WALK RAIL:</b>		
A. Stainless steel grip-strut one-piece full length both sides. Walk rail shall be on both bottom rail and intermediate horizontal bracing. Gussets for support of walk rail shall be every 12" or less and evenly spaced.		
<b>TARP:</b>		
A. Tarp system shall be a Pioneer E-600 or Authority approved equivalent.		
B. The spring loaded 3" telescoping roller housing shall be 84" to 96".		
C. The tarp shall have guides, ropes, cheats, and "J" hooks to secure the rear section to the truck body.		
D. The tarp shall be sufficient length to accommodate 10' bodies and shall be asphalt resistant.		
E. The overall length shall be 12' to 15' and shall come complete with windscreen.		
<b>REAR FLAPS:</b>		
A. Neoprene anti-sail, anti-splash bolted to a permanent stainless steel mount 3/16" x proper width bracket.		
B. Bracket and flap shall be sized and mounted so not to exceed 22° Federal Regulation.		
<b>MUD GUARDS:</b>		
A. 7-gauge, 201 stainless steel of proper size permanently attached in front of rear wheels, equidistant from front of tire as rear flap is of rear of tire.		
<b>GRAB HANDLES:</b>		
A. Two (2) ¾" diameter stainless steel grab handles shall be the full vertical height of the dump body excluding the side board, weld mounted and spaced parallel 17" apart in relationship to the ladder.		
<b>LADDERS: (Slide-in type)</b>		
A. There shall be two (2) 3" deep, 17" wide, and 26" long stainless steel slide-in type ladders with tread grip rungs mounted to the underside of the body, one (1) on each side at the forward most position of the body, centered directly under and in line with the grab handles.		
B. Stainless steel slide-in type ladder stowage shall be weld mounted directly to the underside of the body and shall have a spring loaded locking mechanism to securely store the ladder while in transit.		
C. Down position of ladders shall be as close as possible to the vertical line of the body as possible without interfering or contacting any other apparatus		

	COMPLY																									
	YES	NO																								
on the vehicle.																										
DUMP BODY AMBER WARNING LIGHTS:																										
A. Located at the rear facing corners of the dump body without interfering with DOT lighting requirements shall be four (4) light heads installed, two (2) on each side of body corner posts at 1/3 increments of the overall corner post height. Each mounting shall be recessed in a shock resistant grommet and each light head shall have a 3½" pigtail with weatherproof plug connector treated with dielectric grease.																										
B. Amber LED light heads shall be a <b>minimum</b> of 12 square inch oval type with hard coated lenses and shall be SAE J595 compliant and meet or exceed <b>Type 1</b> candela output:																										
<table><tr><td><b>Type 1</b></td><td>20° L</td><td>10° L</td><td>V</td><td>10° R</td><td>20° R</td></tr><tr><td>5° U</td><td>117</td><td>191</td><td>844</td><td>191</td><td>117</td></tr><tr><td>H</td><td>270</td><td>421</td><td>2400</td><td>421</td><td>270</td></tr><tr><td>5° D</td><td>117</td><td>191</td><td>844</td><td>191</td><td>117</td></tr></table>	<b>Type 1</b>	20° L	10° L	V	10° R	20° R	5° U	117	191	844	191	117	H	270	421	2400	421	270	5° D	117	191	844	191	117		
<b>Type 1</b>	20° L	10° L	V	10° R	20° R																					
5° U	117	191	844	191	117																					
H	270	421	2400	421	270																					
5° D	117	191	844	191	117																					
Chart Key—The preceding graph (Type 1) represents the minimal acceptable direct and off angle candela values, L-Left, R-Right, U-Up, D-Down, V-Vertical, H-horizontal and °-Degree.																										
C. Light heads shall display diagonally synchronized double flash signals.																										
D. The harness wiring shall be routed to prevent damage, terminate at each light head with a weatherproof socket connector treated with dielectric grease and originate in the cab at the multiplex interface. No other splicing or connections shall be acceptable.																										
E. A latched “Rear Amber Warning Lights” switch shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"><li>• Shall be back-lit labeled: <b>Rear Flasher.</b></li><li>• Shall have a green “On” indicator light.</li><li>• Must be depressed to operate.</li></ul>																										
F. The Rear Amber Warning Light system shall also include the following features: <ul style="list-style-type: none"><li>• All system wiring shall be multiplex interfaced.</li><li>• All system functional features shall be controlled by programmable ladder logic.</li><li>• A circuit failure within the rear amber warning light system layout shall flash the amber on indicator in the Rear Flasher switch.</li></ul>																										
DUMP BODY LIGHTS:																										
A. Two (2) 4" round red LED lights shall be rubber grommet mounted in the upper portion of the tailgate (one on each side). Exact location shall be																										

	COMPLY	
	YES	NO
determined by contacting the NJTA Inspector prior to installation.		
B. All required LED marker lights shall be rubber grommet mounted and conform to DOT requirements in color, reflectivity, and placement.		
C. All wiring junction connections shall be contained in a high-impact weatherproof plastic junction box, bracket mounted to the inside of the rear most chassis cross member.		
D. All harness wiring shall be routed to prevent damage, terminate at each light head with a weatherproof plug connector treated with dielectric grease and originate at the above stated rear mounted junction box. No other splicing or connections shall be acceptable.		
<b>TAILGATE CONTROL:</b>		
A. Tailgate shall have <u>air-operated</u> lower tailgate lock release.		
B. A latched tailgate release switch shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Shall be back-lit labeled: <b>Tailgate</b>.</li> <li>• Shall have a green “On” indicator light.</li> <li>• Must be depressed to operate.</li> <li>• Shall not operate unless the truck is in neutral and the parking brake is set.</li> </ul>		
C. The tailgate release system shall also include the following features: <ul style="list-style-type: none"> <li>• All system wiring shall be multiplex interfaced.</li> <li>• All system functional features shall be controlled by programmable ladder logic.</li> <li>• A circuit failure within the tailgate release system layout shall flash the green on indicator in the tailgate release switch.</li> </ul>		
D. Air operation shall occur with one (1) pancake style (air open-spring closed) air chamber mounted on inside of body’s rear apron, centered from side to side.		
E. All linkage and latch components shall be stainless steel.		
F. A <b>minimum</b> of 1" stainless steel cross rod shall be provided at rear of body and include stainless steel bushings with grease fittings.		
G. Control rods shall be attached to rear latches via connecting links and include locking adjustments.		
H. Connecting links shall be routed through rear long sill.		
I. All grease fittings throughout construction shall include dust covers.		
<b>SPILL PLATES:</b>		
A. 10-gauge stainless steel spill plates shall be bolted to the inside of the tailgate.		
B. Spill plates shall be from top to just above floor/side radius and wide enough to seal off material flow when tailgate is resting against spreader spill plate. A rear bolt-on stainless steel apron shall be provided.		

	COMPLY	
	YES	NO
<b>CONSPICUITY ENHANCEMENT:</b>		
A. Each dump body rubrail and rear shall include 2" wide conspicuity enhancement.		
B. The enhancement shall be alternating red and white stripes.		
C. Enhancement shall provide reflection even in daylight hours.		
D. Conspicuity tape shall have twelve (12) different patterns of micro-prisms for maximum visibility.		
E. The reflective system shall be impervious to ultra violet radiation via internal pigmentation with acrylic layer protection.		
F. Conspicuity tape shall withstand all weather conditions and repeated washing and meet all FMVSS 108 requirements.		
G. 1" wide stripes shall be provided on each tarp rail.		
<b>HOIST:</b>		
A. Body and hoist shall be compatible in design, build, and installation.		
B. NTEA rated and certified type V, <b>minimum</b> of a class 50 rating.		
C. Unit shall be a double acting, under body subframe type.		
D. All pivot points shall provide free movement throughout expected life cycle ( <b>minimum</b> 10 years) of subframe.		
E. All bolts throughout the hoist assembly shall be Grade 8 and require nylon lock nuts.		
F. The upper lift arms shall be grade 4140 box frame with 1½" pins.		
G. Sub frame of hoist shall be adequately capable of supporting an elevated load while driving and shall have one (1) body prop.		
H. Rear hinge shall be included in hoist frame.		
I. If applicable, zerks must not interfere with full dumping angle of body and have dust caps.		
J. Four (4) pairs of shop service body wedge style props shall be supplied with this bid package to facilitate body lift cylinder removal.		
<b>CYLINDER:</b>		
A. Double acting stage with internal poppet with field replaceable rod packing design with (1) 8" cylinder with at least 17" of stroke utilizing 2½" nitride piston rod.		
B. Piston rod with stroke to provide a <b>minimum</b> dumping angle of 50°.		

**SPECIFICATIONS: HPBV-2018  
HYDRAULIC POWERED BODY VIBRATOR**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. Vibco Model HF-3500 or Authority approved equivalent hydraulically powered body vibrator installed underneath each dump body listed in this specification.		
B. A momentary "Body Vibrator" switch shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Back-lit labeled: SHAKER.</li> <li>• Amber "On" indicator light.</li> <li>• Must be depressed to operate.</li> <li>• Once depressed shall operate the vibrator for five (5) seconds.</li> </ul>		
C. Shall be a case drain from the unit back to the hydraulic reservoir.		
D. Shall have a dedicated hydraulic control valve within the central hydraulic system.		
E. Installation shall be per manufacturers specifications.		
F. Body vibrator shall be mounted in an area of the dump body underside to provide maximum material movement.		
G. Body vibrator installation must include a suitable chain restraint from the vibrator unit to the dump body, not the mounting plate.		



**SPECIFICATIONS: CHS-2018  
CENTRAL HYDRAULIC SYSTEM**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. The system shall provide hydraulic fluid to operate the snow plow hydraulic cylinders, and hydraulically operated supplemental equipment.		
B. The hydraulic system shall be capable of running three (3) or more hydraulic functions simultaneously without inhibiting the action of the other.		
C. Fluid loss protection system shall be accomplished by means of a level sensor in hydraulic tank.		
D. The complete hydraulic system including cylinders, motors, fittings, valves, hoses, etc. shall conform to the highest quality of commercial hydraulic installation standards of the following organizations: American Society of Mechanical Engineers (ASME), American Society for Testing and Materials (ASTM), American Iron and Steel Institute (AISI), American Petroleum Institute (API), International Fluid Power Society (IFPS), International Organization for Standardization (ISO), Joint Industry Council (JIC), National Fluid Power Association (NFPA), National Electrical Manufacturer Association (NEMA), Society of Automotive Engineers (SAE), and American Nation Standards Institute (ANSI).		
E. The hydraulic system pressure and flow requirements shall be compatible with the operating rpm ranges of the trucks engine.		
F. Bidder shall submit with bid, complete hydraulic schematic including all components with manufacturer's names and model numbers including operational specifications.		
H. The successful bidder shall be responsible to demonstrate at the NJTA facilities the complete functional and performance capabilities of the hydraulic system and all affected components.		

	COMPLY	
	YES	NO
<b>HYDRAULIC PUMP AND PTO:</b>		
A. The hydraulic pump shall be a Force America TXV92 or Authority approved equivalent axial piston pressure and flow compensated load-sensing type.		
B. The pump shall have a displacement of 5.61 cubic inches per revolution at <b>maximum</b> stroke, which shall deliver 23.7 gpm @ 1,000 engine rpm's.		
C. The pump shall have a <b>minimum</b> 2" suction line and ½" control drain line plumbed directly back to the reservoir.		
D. The pump shall be rated for 5,800 psi <b>maximum</b> and 4,800 psi continuous.		
E. A Chelsea 280 series or Authority approved equivalent hot shift PTO shall be mounted to the transmission and shall drive the pump.		
<b>SHUT DOWN SYSTEM:</b>		
A. The shutdown feature is intended to protect the PTO pump from running dry or overheating in the event of a leak causing the hydraulic oil level to fall below a safe operating level and/or hydraulic oil temperatures rise above safe operating limits.		
B. The system shall have a float level sensor and temperature sensor.		
C. The system shall be designed so that when the float contacts open the PTO will disengage and stop pump operation.		
D. The system shall be designed so that prior to the hydraulic oil temperature reaching a critical temperature the PTO shall disengage and stop pump operation.		
E. A single "Oil Level" indicator shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Shall be red in color when illuminated.</li> <li>• Shall be back-lit labeled: <b>Oil Level</b>.</li> <li>• Shall illuminate steady when the hydraulic reservoir float level indicates low oil.</li> </ul>		
F. A single "High Temp" indicator shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Shall be red in color when illuminated.</li> <li>• Shall be back-lit labeled <b>High Temp</b>.</li> <li>• Shall illuminate steady when the hydraulic oil temperature sensor indicates higher than acceptable oil temperature.</li> </ul>		
G. The shutdown system feature system shall also include the following features: <ul style="list-style-type: none"> <li>• All system wiring shall be multiplexed interfaced.</li> <li>• All system functional features shall be controlled by programmable ladder logic.</li> <li>• An open circuit failure within the shutdown system feature wiring</li> </ul>		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
layout shall illuminate the red indicators and render the hydraulic system inoperative.		
H. Located in the manifold enclosure shall be an override switch wired to de-energize the shutdown system to facilitate diagnostics and equipment storage.		
<b>RESERVOIR/ VALVE ENCLOSURE:</b>		
A. The hydraulic reservoir shall be of sufficient capacity to provide the required hydraulic fluid reserve and cooling capacities.		
B. The hydraulic reservoir shall be constructed of at least 10-gauge stainless steel and be internally baffled.		
C. Mounting bracket shall be designed and supplied by the reservoir supplier.		
D. Mounting system should allow for a 1" frame clearance for frame obstructions.		
E. Tank shall be mounted in a manner as to not transmit any truck torsional loads through the tank.		
F. The enclosure shall completely cover valves and components. Installation of permanent weather-stripping shall be provided where necessary to eliminate moisture/debris from entering valve area and to reduce metal to metal vibration and noise.		
G. The enclosure lid shall be removable by one person without the use of tools.		
H. All valve fittings, hose ends, filter, filler breather, sending units, and any electrical connections shall be protected by enclosure cover.		
I. The hydraulic pressure gauge shall be located in the protective enclosure.		
J. The reservoir supplier shall provide all valve fittings (JIC connections) and plumb the return line from the valve to the filter.		
K. The cover shall protect from both road and pressure washer spray.		
L. The directional control valve must be easily accessible from all six (6) sides without the use of tools.		
M. Hose exit and entrance shall allow for components to be mounted adjacent to the enclosure.		
N. A 2" full flow brass ball valve shall be plumbed at the suction port of the tank and safety wired in the "open" position.		
O. A low oil/high temperature sending unit shall be mounted in the reservoir (wiring to the sensor on the reservoir shall be silicone sealed preventing water intrusion) and include a dash mounted OEM integrated and labeled warning light.		
<b>FILTER:</b>		
A. Hydraulic oil filter shall be mounted in the reservoir.		
B. Hydraulic filter shall be a 16-micron absolute and rated for no less than 60 gpm.		

	COMPLY	
	YES	NO
C. The filtering system shall incorporate an electric clogging indicator switch that shall illuminate a red dash mounted OEM integrated warning light labeled “Filter Fault” when the filter has become restricted.		
<b>HYDRAULIC CONTROL VALVE:</b>		
A. The hydraulic valve shall be of modular manifold design.		
B. Each hydraulic function shall require an individual manifold stacked together to form the manifold base.		
C. The manifold base shall consist of an inlet section with inlet porting, outlet porting, and load sense porting.		
D. There shall be a main system relief in the inlet section to protect the system from high pressure in case the pump compensator fails.		
E. The hydraulic control valves shall be pulse-width modulated and proportionally controlled.		
F. Each hydraulic valve segment may be individually mounted to the manifold base assembly and be serviceable without removing any hydraulic hoses or any other hydraulic valve segments.		
G. All segments shall have heavy-duty continuous duty coils. Connectors shall have LED diagnostic indicators.		
H. All coils shall operate at 12 VDC and require a <b>maximum</b> of 1,400 mille-amps.		
I. Each segment shall be equipped with a manual override.		
J. All other segments shall be rated at a <b>minimum</b> of 20 gpm.		
K. The dump body segment shall be rated a <b>minimum</b> of 40 gpm with all other segments rated at a <b>minimum</b> of 20 gpm.		
L. If a double acting hoist is utilized, the dump body segment shall be equipped with a down side relief to protect the body down function. This relief shall be set to the hoist manufacturer’s specifications.		
M. The valves shall be arranged as follows from left to right: <ul style="list-style-type: none"> <li>• Spinner.....2-way</li> <li>• Auger.....4-way for reversing auger</li> <li>• Plow Angle.....4-way</li> <li>• Plow Lift.....4-way</li> <li>• Plow Counterbalance</li> <li>• Hoist.....4-way with 500 psi down side work port relief valve</li> <li>• Vibrator.....2-way</li> </ul>		
N. A laminated schematic of <b>all</b> hydraulic valves and <b>all</b> electric circuits shall be attached to the inside of the valve enclosure cover.		
<b>CONTROL:</b>		
A. The control center must be an integral center for controlling all hydraulic functions including all automated salt controls.		

	COMPLY	
	YES	NO
B. The center must have changeable nomenclature and be fully back-lit with solid state LED's.		
C. The unit must be ground speed oriented and OEM incorporated (splicing connections shall not be acceptable) valve control connection, and main power OEM incorporated connection.		
D. Four (4) solid-state warning lights illuminated in red for: oil level, high temp, bed up, and filter fault shall be OEM incorporated and installed into dash.		
E. The center must also be supplied with color-coded wiring throughout.		
<b>VALVE CONTROLS:</b>		
A. The valve control in the control center for dump body shall be a fully proportional pulse width modulating controller with spring return to neutral and center safety lock.		
B. The valve control in the control center for snow plow shall be dual axis spring return to neutral center safety lock for plow raise/lower and plow angle.		
C. The plow joystick shall be capable of activating the plow balance section internally through the relay module.		
<b>SPREADER CONTROL CONSOLE:</b>		
A. The electronic spreader control shall be designed for precise open loop control of granular material.		
B. The spreader control shall regulate the auger and spinner speeds.		
C. There shall be two (2) individual detented knobs providing proportional control from closed to fully open on the control valve of the auger and spinner.		
D. Front face panel shall have blast and standby mode.		
E. The unit must be protected from reverse polarity as well as over-voltage protected.		
F. The unit must provide operational modes for manual or open loop (ground speed only).		
<b>HYDRAULIC LINES AND PLUMBING:</b>		
A. All hydraulic lines and plumbing shall be of sufficient capacity so as not to create heat or turbulence within hydraulic system.		
B. Suction line between reservoir and pump shall be a <b>minimum</b> of 1½" i.d. with a <b>minimum</b> SAE 100-R4 rating and shall be secured on both ends via heavy duty banding straps.		
C. All pressure hoses, including signal sense to pump shall have swivel fittings on both ends and have a <b>minimum</b> SAE 100-R2 rating.		
D. All hydraulic hoses shall be installed with the appropriate fittings, where necessary to alleviate sharp hose angles.		
E. Truck mounted bulk head coupling assemblies shall be plate mounted to		

	COMPLY	
	YES	NO
receive each function group, (plow reversing, auger, and spinner). The inlet and outlet for each function group shall be paired side by side. The auger and spinner supply couple shall be the male type and the return shall be the female type. The plow left couple shall be male type and the plow right couple shall be female type. The location of each function group mounting shall be adjacent to the associated equipment, (plow-centered horizontal mount in the plow frame vehicle front, auger-right side vehicle rear vertical mount behind body apron and spinner-left side vehicle rear vertical mount behind body apron). All couplings shall be brass and have lanyard attached rubber cap/plug covers.		
F. Return lines and case drain shall have <b>minimum</b> SAE 100-R1 rating.		
G. Hydraulic lines shall be routed to minimize interference with equipment and chassis components requiring periodic servicing.		
H. Support brackets shall be provided where appropriate to protect lines from damage by abrasion, cutting or impact.		
I. Hoses shall not be routed near exhaust manifolds pipes, bolts, sharp edges, and exhaust system to prevent wear, fatigue, or fire.		
J. Pipe fittings shall not acceptable in any high-pressure line.		
K. Maximum distance between support clamps on all hydraulic lines shall be 12". Plastic ties shall not be acceptable.		
L. Hydraulic hose abrasion protection shall be used, a sleeve or coil wrap, where needed. Plastic wire loom shall not be acceptable.		
<b>PLOW COUNTERBALANCE VALVE:</b>		
A. The counterbalance valve shall divert some of the plows weight off of the blade and onto the front of the truck by applying a percentage of hydraulic pressure to the plow hoist.		
B. The valve shall work by supplying pressure to the lift cylinder to partially lift the plow. <ul style="list-style-type: none"> <li>• The counter balance valve lift pressure shall be capable of manual adjustment in the field.</li> <li>• Oil flowing in and out of the lift port shall be restricted with an orifice to control the speed of operation.</li> <li>• The counter balance on and off functionality shall be controlled by electrical solenoids through the joystick controller and harnessing.</li> </ul>		
C. Activation of the plow counter balance must be incorporated in the plow joystick. The forward axis on the joystick shall automatically activate the plow balance section through the internal float relay module when the plow is lowered.		
<b>BODY HOIST RAISE LIMIT FEATURE:</b>		
A. The body hoist raise function shall be normally limited to a predetermined height within an adjustable range and shall include a momentary limit		

	COMPLY	
	YES	NO
override switch with incremental annunciated visual and audible indicators.		
<p>B. A normally closed inductive proximity switch shall be incorporated within the hoist up electrical circuit and the chassis multiplexed body builder logic provision to control the body hoist height within an adjustable limit range from 10'2" to 13'6" <b>maximum</b> body height.</p> <ul style="list-style-type: none"> <li>• The inductive operating clearance shall be set in the middle of the receptive range; this clearance shall be maintained throughout the adjustable height settings without the need to reset the inductive clearance.</li> <li>• The proximity switch shall be field replaceable and include a weatherproof connector.</li> <li>• The switch shall function in a temperature range of between -40° to +170° F and withstand harsh environments.</li> </ul>		
<p>C. A momentary "Body Over Height" switch shall be incorporated with the chassis multiplexed switch panel and shall be incorporated within the hoist up electrical circuit to override the inductive proximity switch function and shall include the following features:</p> <ul style="list-style-type: none"> <li>• Back-lit labeled: <b>Body Ovrht.</b></li> <li>• Amber "On" indicator light.</li> <li>• Must be depressed to operate.</li> <li>• Shall <u>not</u> operate while the vehicle is in gear.</li> </ul>		
<p>D. A single "Body Up" annunciator shall be incorporated with the chassis multiplexed switch panel and shall include the following features:</p> <ul style="list-style-type: none"> <li>• Red in color when illuminated.</li> <li>• Back-lit labeled: <b>Body Up.</b></li> <li>• Illuminate steady when the dump body is in the raised position.</li> <li>• Illuminate in slow pulse flashes when the dump body reaches the limit height.</li> <li>• Illuminate in fast pulse flashes when the dump body is past the limit height.</li> </ul>		
<p>E. A dash cluster audible alarm shall include the following features:</p> <ul style="list-style-type: none"> <li>• Steady sound when the dump body is past the limit height with the parking brake released.</li> <li>• No sound if the unit is in neutral when the dump body is past the limit height.</li> </ul>		
<p>F. The body hoist raise limit feature system shall also include the following features:</p> <ul style="list-style-type: none"> <li>• All system wiring shall be multiplexed interfaced.</li> <li>• All system functional features shall be controlled by programmable ladder logic.</li> <li>• An open circuit failure within the body hoist raise limit feature wiring</li> </ul>		



	COMPLY	
	YES	NO
layout shall flash the amber on indicator in the “ <b>Body Ovrht</b> ” momentary switch and render the body hoist raise function inoperative.		
<b>SPREAD CONTROL SYSTEM:</b>		
A. The spreader control system shall be an open loop automatic ground speed oriented with manual control capability.		
B. The spreader shall function in the automatic mode directly relating vehicle speed to a variable preset amount of material so that regardless of the vehicle forward or reverse speed the preset pounds of material per linear mile shall not vary.		
C. The speed sensor shall be an inline frequency type.		
D. The electric control panel shall be capable of interpreting electronic speedometer signals; either proximity type, AC type or Hall Effect type.		
E. The blast mode shall function in the manual or auto mode.		
F. The system shall return to the manual or auto preset rate upon deactivation of the blast mode.		
G. The blast mode shall only affect the auger speed. The spinner-spread pattern shall not change in the blast mode.		
<b>SPREADER CONTROL PANEL &amp; HARNESS:</b>		
A. The control panel shall be self-contained and sized for pedestal mounting (between driver and passenger seat).		
B. All switches shall be back-lit illuminated, permanently labeled, color-coded, and located in the panel for the safest possible operation.		
C. A momentary “Auger Reverse” switch shall be incorporated with the chassis multiplexed switch panel and shall be incorporated within the auger electrical circuit: <ul style="list-style-type: none"> <li>• Shall be back-lit labeled: <b>Auger Rev.</b></li> <li>• Shall have a green “On” indicator light.</li> <li>• Must be depressed to operate.</li> <li>• The spinner shall stop when the auger is reversed.</li> </ul>		
D. The auger reverse feature system shall also include the following features: <ul style="list-style-type: none"> <li>• All system wiring shall be multiplexed interfaced.</li> <li>• All system functional features shall be controlled by programmable ladder logic.</li> <li>• An open circuit failure within the auger reverse feature wiring layout shall flash the green on indicator in the auger reverse momentary switch and render the auger reverse function inoperative.</li> </ul>		
E. The spreader control shall include a <b>minimum</b> nine (9) position dial control for auger, a <b>minimum</b> nine (9) position dial for control spinner, blast button, and spreader auto/manual and on/off.		
F. The control shall contain adjustments for <b>minimum</b> and <b>maximum</b> of		



	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
each auger and spinner circuit and complete PWM frequency tuning.		
G. The spreader circuit shall have a common connection.		
H. The spreader control shall operate in either a manual or automatic mode and function with a manual or electronic speedometer.		
I. All speed rates shall be programmed externally but coded to prevent unauthorized adjustments.		
J. The spreader blast function shall be externally adjustable from 0-10 seconds after the button is released (set for 10 seconds).		
K. All control circuits shall be fused and shall be suppressed.		
L. The wiring harnesses must be tested before installation.		
M. The wire harnesses shall be resistant to oil and abrasion.		
<b>JOYSTICKS FOR PLOW &amp; BODY FUNCTIONS:</b>		
A. The operator's control panel shall incorporate two (2) separate electrical joysticks.		
B. The dual joysticks shall be remotely mounted to right side of operator's seat in an accessible position to ensure easy operator control (exact location, height, and angle shall be determined by contacting the NJTA Inspector prior to installation).		
C. The joystick for plowing functions shall be of the rocker grip type. The joysticks for the body and plow functions shall both contain a dead man switch capable of de-energizing the body hydraulics upon handle release.		
<b>INDICATOR PANEL:</b>		
A. An indicator panel shall be provided in the dash switch cluster.		
B. The panel shall have the following indicators: <ul style="list-style-type: none"> <li>• Low Salt-shall light when the spreader auger pressure switch indicates falling pressure in auger hydraulic circuit.</li> <li>• Oil Level -shall light when oil level in reservoir drops to an unsafe level.</li> <li>• Filter Fault-shall light when the hydraulic filter is clogged.</li> <li>• Bed Up-shall light when the dump body is in the raised position.</li> </ul>		
C. Each indicator incorporated with the chassis multiplexed switch panel shall include the following features: <ul style="list-style-type: none"> <li>• Shall be Red in color when illuminated.</li> <li>• Shall be back-lit labeled.</li> <li>• Shall illuminate steady or flash when activated, determined by program logic.</li> </ul>		

**SPECIFICATIONS: TS-2018  
TAILGATE SPREADER**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. Hydraulically operated, cab controlled under-the-tailgate type material spreader.		
B. The spreader shall not interfere in any manner with the normal operation and usage of the dump body, tailgate or pintle hook.		
C. Spreader shall have a single self-leveling spinner assembly that shall be mounted on the left side of the hopper.		
D. All bolts, pins and fasteners shall be high-quality stainless steel.		
E. The spreader shall be constructed of 304 stainless steel.		
<b>SPREADER MOUNTING:</b>		
A. The spreader shall be securely mounted to the sides of the dump body with quick-disconnect brackets and hanger bars.		
B. The hanger bars shall be attached to the sides of the dump body with special clevis pinned connections (John Deere # 230044-WNL) or Authority approved equivalent and bolted to the spreader by means of ½" carriage bolts and self-locking nuts.		
C. Drilled bolts shall not be acceptable.		
D. Hanger bar holes shall be drilled on center 20" apart from each other.		
E. Holes shall be drilled in each side of the spreader box to allow for pick up hooks to ease lifting and mounting of the spreader.		
F. Holes shall be approximately ¾" in diameter and shall be drilled in each side panel of the spreader equidistantly to facilitate level installation.		
G. Holes and bolts shall in no way interfere with the normal operation or compromise the structural integrity of the spreader.		
I. Mounting shall provide for universal and adaptability on all trucks listed in this bid package.		

	COMPLY	
	YES	NO
<b>HOPPER:</b>		
A. The hopper shall be constructed with 7-gauge stainless steel end plates.		
B. The end plates shall be continuously welded to a 10-gauge stainless steel trough.		
C. The hopper shall have a 10-gauge stainless steel three-point hinged bottom.		
D. With bottom of hopper opened, the entire length of the auger shall be exposed for cleaning.		
E. The hinged bottom shall be held in place by two (2) heavy-duty cam locks with a lift handle.		
F. The hopper shall have an anti-flow cover over the discharge opening.		
G. The cover shall be removable without tools.		
H. The hopper shall have 10-gauge stainless steel cover/back plate.		
I. The plate shall be a one-piece hinged integral part of the hopper and shall be raised when spreading and lowered when dumping.		
J. The cover plate shall be capable of being locked in either the raised or lowered position by two (2) simple captivated latches.		
K. The auger drive mechanism shall be protected by a stainless cover, which shall be hinged at two (2) points and secured by a single latch.		
L. The discharge port shall be located at the extreme street side end of hopper.		
M. There shall be no open gap between front edge of spreader hopper and the rear dump body sill.		
N. If a gap exists between the trough lip and the dump body rear cross-member, a 'spill board' of about 3/16" x 2" steel shall be welded to the forward lip of the spreader to form a seal.		
O. The spreader shall fit the truck body <u>exactly</u> (no gaps) in order to prevent salt seepage in any area other than the discharge port.		
P. Tailgate shields shall be provided to prevent material spillage at the ends of the spreader.		
Q. Hydraulic safety interlock arm shall require auger hose disconnection prior to opening bottom door or top cover. Auger disconnection coupling shall be brass and shall have lanyard attached rubber cap/plug covers.		
<b>AUGER:</b>		
A. The auger shall be a single 6" nominal interrupted flight type auger.		
B. The flights shall be designed, spaced, angularity positioned, and graduated to provide an accurate and equalized amount of material to the spinner.		
C. The flights shall be 3/8" thick and patterned in three (3) zones.		
D. The flights shall be continuously welded to a 2" schedule 40 ATSM pipe.		
E. The pipe shall be supported by two (2) 1 1/4" steel shaft ends.		
F. The auger bearings shall be precision grade, self-aligning, sealed, and		

	COMPLY	
	YES	NO
dust-proof with lube fittings.		
G. Power shall be provided by a direct-coupled hydraulic motor.		
H. The hydraulic motor shall mount directly to the auger shaft by non-corrosive sleeve and a ½" stainless steel grade 5 bolt and a grade 5 stainless steel nylock nut.		
I. The motor shall be mounted to the hopper end plate.		
J. The auger shall rotate in a counter-clockwise direction as viewed from the left side of the truck.		
K. The motor shall be reversible.		
<b>SPINNER ASSEMBLY:</b>		
A. The spinner assembly shall consist of an 18" diameter disc and six (6) cupped vanes with a 4-bolt pattern formed into a single polyurethane unit, resulting in a flat trajectory and a uniform spreading pattern from 4' to 60'.		
B. The spinner assembly shall be mounted on the left side and shall be adjustable allowing for variable spreading patterns left, center or right.		
C. This shall be accomplished by sliding the hinged frame sideways on the shaft so the point where the material hits the spinner disc is varied.		
D. A stainless steel spinner shield shall be provided and installed to prevent material from striking the truck.		
E. A spinner guard shall be provided and installed.		
F. The guard shall consist of dual rings, upper and lower positioned to overlie the outer periphery of the spinner.		
G. The upper ring shall have an expanded metal cover attached.		
H. The guard shall attach directly to the spinner assembly.		
I. The spinner shall be directly driven by a reversible high-torque hydraulic motor that shall be capable of spreading 60' within the motors rated maximum rpm.		
J. The spinner motor shall be capable of rotating the spinner disc at a <b>minimum</b> of 1,000 rpm's at the highest spinner setting. <b>NO EXCEPTIONS</b>		
K. The spinner assembly shall be mounted to spreader by means of a quick-disconnect, stainless steel rod, clips, 'T' bolts for rapid removal and shall be to the outer side or behind the spinner disc or extend beyond the side of the dump truck.		
L. All necessary brackets and mounting supports shall be furnished.		
M. The spinner standard leveling mechanism shall have ¼" chain.		
N. The chain length shall be of such a length to keep the spinner level.		
O. The clearance of any spreader appendage to pavement with body raised to its <b>maximum</b> angle shall be 8".		
<b>SPREADER LIGHT:</b>		
A. The spreader light shall be used to illuminate the salt discharge from the spinner during salting operations as an indicator to the operator that salt is		

	COMPLY	
	YES	NO
actually being dispensed as intended.		
B. One (1) Whelen # PFBS12 or Authority approved equivalent, 12 diode, 1,000 lumens, 12v-1.70 amp stud/swivel mount white LED work light.		
C. The light assembly shall be positioned to illuminate the spreader operation.		
D. Wiring shall be "SO" two (2) conductor quick-disconnect weather pack connector and be impervious to weather and salt. Wires going into spinner light fixture shall be sealed with silicone.		
E. A latched "Spreader Light" switch shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Shall be back-lit labeled: <b>SPREDR LIGHT</b>.</li> <li>• Shall have a green "On" indicator light.</li> <li>• Must be depressed to operate.</li> </ul>		
F. The Spreader Light system shall also include the following features: <ul style="list-style-type: none"> <li>• All system wiring shall be multiplexed interfaced.</li> <li>• All system functional features shall be controlled by programmable ladder logic.</li> <li>• A circuit failure within the spreader light system layout shall flash the green on indicator in the spreader light switch.</li> </ul>		
<b>RATE OF APPLICATION:</b>		
A. The spreader shall be capable of spreading salt at an operating range (rate) from 0-1275 lbs. per mile divided between auger settings.		
<b>SPREADER CONTROL:</b>		
A. The operation of the spreader shall be controlled from the cab by the control console covered in the Central Hydraulic System Specifications.		
B. The spreader shall be controlled by an open loop automatic ground speed oriented system.		
C. The automatic spreader control system shall allow dispensing requirements of 100 lbs. per lane mile to 425 lbs. per lane mile and up to three (3) lanes at one time, independent of vehicle road speed.		
D. No hydraulic lines shall enter cab of truck.		
<b>SPREAD PATTERN:</b>		
A. The spreader, when operating at capacity, shall be able to spread 60', i.e., 30' either side of spinner disc.		
B. The spread pattern and rate shall be controlled in any range from 0 to maximum.		
C. The spreader shall be capable by means of a quick-change adjustment device on spinner assembly to apportion material on the spinner and spread material evenly: <ul style="list-style-type: none"> <li>• Spread all to the left of truck nothing behind or to the right of truck.</li> <li>• Spread to the left and behind truck, nothing to right of truck.</li> </ul>		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<ul style="list-style-type: none"> <li>Spread to the right and behind truck, nothing to left of truck.</li> </ul>		
<b>GREASE FITTINGS:</b>		
A. Grease fittings shall be clearly indicated.		
B. If grease fittings are covered, directions by use of arrows or stenciled letters shall be given.		
C. Extensions shall be provided when grease fittings are not readily accessible.		

**SPECIFICATIONS: LBS-2018  
LIGHT BAR STANCHION**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
<p>A. Two (2) rotor light stanchion mounting bracket shall be fabricated as follows:</p> <ul style="list-style-type: none"> <li>Bracket base shall be a <b>minimum</b> of 6" x 1/4" rolled steel plate cold pressed to conform to the outside of the chassis frame in an inverted "L" shape, the base shall have two (2) 21/32" holes drilled in the vertical portion at evenly space intervals to match exiting chassis manufacturers holes.</li> <li>The bracket upright shall be a <b>minimum</b> of 7" x 4" x 1/4" rolled steel plate welded vertically and centered to the bracket base, the upright shall have three (3) 17/32" holes drilled in an evenly spaced triangular pattern to facilitate stanchion mounting.</li> </ul>		
B. The rotor light stanchion mounting bracket assembly shall be cleaned, primed and shall have a black powder coat finish.		
C. Each rotor light stanchion base shall be mounted to the chassis frame through existing chassis manufacturer holes between the rear of the cab and the front of the dump body, using two (2) 5/8" grade 8 bolts, two (2) steel flat washers, and two (2) grade 8 nylon locking nuts.		
<p>D. The rotor light stanchion structure shall be weld fabricated as follows:</p> <ul style="list-style-type: none"> <li>Two (2) vertical upright posts shall be a <b>minimum</b> of 4" x 2" 10-gauge roll formed stainless steel C-channel set vertically (overall rotor light assembly shall be 1" higher than the cab roof).</li> <li>Two (2) <b>minimum</b> of 3" x 1 1/2" 10-gauge roll formed stainless steel C-channel cross braces shall be angularly weld mounted from left to right between the upright posts.</li> </ul>		

	COMPLY	
	YES	NO
E. A <b>minimum</b> of a 2" x 3/16" capped stainless steel tube crossbar shall be weld mounted and gusseted with a <b>minimum</b> of 3" x 1½" 10-gauge roll formed stainless steel C-channel weld mounted between crossbar and channel uprights. The crossbar shall be approximately 9½' wide but shall not be wider than the exterior mirrors.		
F. The crossbar shall have a <b>minimum</b> of 3/16" round stainless steel rotor light mounting plates at each end. The diameter of each plate shall be at least ¼" larger than the diameter of the rotor light base. The plates shall be weld mounted horizontally at the outer most edge without exceeding the width of the crossbar.		
G. Two (2) 12" long sections of ½" o.d. stainless steel tubing shall be weld mounted and evenly spaced along the crossbar and two (2) 12" long sections of ½" o.d. stainless steel tubing shall be weld mounted and evenly spaced along the left side vertical stanchion upright to facilitate rotator light wire routing.		
H. The rotor light stanchion shall be mounted to the rotor light stanchion mounting bracket using six (6) ½" grade 8 bolts, six (6) steel flat washers, and six (6) grade 8 nylon locking nuts.		
I. The rotor light stanchion assembly shall not interfere or have contact with the cab or the dump body and shall provide adequate strength with a minimum amount of vibration transference to the rotor lights.		



**SPECIFICATIONS: RL-2018  
ROTATOR LIGHTS**

**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
<b>GENERAL:</b>		
A. Whelen Model R416AF or Authority approved Super-LED amber rotating beacon warning lights.		
B. The Rotator Light system shall also include the following features: <ul style="list-style-type: none"><li>• All system wiring and switching shall be multiplex interfaced.</li><li>• A latched Rotor Light switch shall be green back-lit and labeled <b>Light Bar</b>.</li><li>• All system functional features shall be controlled by programmable ladder logic.</li><li>• A circuit failure within the Rotator Light system layout shall flash the green on indicator in the Light Bar switch.</li></ul>		
C. All wiring shall be type "SO" cord and sized to sufficiently handle current demands of all lighting.		
D. The harness wiring shall be securely mounted and routed to prevent damage, originate in the cab at the multiplex interface and terminate at each rotator light with a weatherproof socket connector. No other splicing or connections shall be acceptable.		

**SPECIFICATIONS: SPL-2018  
SNOW PLOW LIGHTS**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. Snow plow lights shall be used to add normal head light operation from a higher position on the cab facilitating light projection clearance above the attached snow plow.		
B. Snow plow lights shall be Meyer Saber Light Model # 07223 or Authority approved equivalent.		
C. Snow plow lights shall provide an alternate high/low beam light source when snow plow is attached.		
D. Mounting shall be shock-proof and vibration resistant.		
E. A three point, 2" x .250" aluminum bracket system shall be provided to accommodate high profile snow plows.		
F. Lights shall include halogen bulbs, wrap around park/turn lamps.		
G. A latched "Plow Light" switch shall be incorporated with the chassis multiplexed switch panel and shall include the following features: <ul style="list-style-type: none"> <li>• Shall be back-lit labeled: <b>Plow Light</b>.</li> <li>• Shall have a green "On" indicator light.</li> <li>• Must be depressed to operate.</li> <li>• While on, the OEM park, turn, high and low beam light switch operation shall operate the plow lights.</li> <li>• While on, the chassis headlights shall not operate.</li> <li>• Returning the switch to the off position shall return the chassis headlights back to normal operation.</li> </ul>		
H. Power supply for these additional lights shall be from the existing chassis high/low beam, park and turn signal circuits.		
I. Plow light housing shall be of polycarbonate material.		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
J. All wiring shall be routed to prevent damage (no splices) and be multiplexed interfaced and be attached at firewall to a seven (7) terminal connection point for ease of hook up and troubleshooting.		
K. There shall be <b><u>no</u></b> splices (must have continuous feed from lights to firewall).		
L. Mounting shall be on truck fenders/hood.		
M. Original chassis high beam dash mounted indicator shall function when plow lights are in high beam mode.		
<b>WARRANTY:</b>		
A. The entire unit shall be warranted to be free from defects in material and workmanship that develop under normal use for a minimum period of one (1) full year from the time of acceptance by the New Jersey Turnpike Authority.		
B. The foregoing stated minimum warranty period shall not supersede standard published manufactures warranties that exceed one (1) full year.		

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**SPECIFICATIONS: SPH-2018  
SNOW PLOW HITCH**

**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.**

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
<b>GENERAL:</b>		
A. Hitch shall be engineered, designed, and built by an industry recognized manufacturer.		
B. The hitch shall be designed for severe service and shall be a bumper to frame mounting on all heavy-duty conventional rear-wheel drive trucks.		
C. Hitch shall be designed to provide a minimum amount of front overhang.		
D. The low profile hitch design shall allow the cab hood to tilt fully forward a sufficient and safe amount to allow for proper engine access.		
E. The heavy-duty front frame hitch shall be designed to transmit plowing forces directly to the truck frame side rails with custom built side plates to fit the trucks specified in this bid package.		
<b>FEATURES:</b>		
A. The side plates are custom fitted 5/8" <b>minimum</b> steel plate of proper length and construction for heavy-duty service.		
B. The custom fitted side plates shall provide adequate clearance for steering mechanism and spring suspensions.		
C. The front section shall consist of the lifting frame, push plate, reinforcements, braces, and mounting brackets.		
D. The lifting frame vertical square structural steel tubing shall be a <b>minimum</b> of 4" x 4" x 3/8" and top angle shall be 1/2" x 4" x 3" and gusseted for extra strength.		
E. Lift arm extension storage brackets shall be provided on the right side lifting frame vertical using a <b>minimum</b> of two (2) 4" x 4" x .38 approximately 2 1/2" long square structural steel tubing, pin provisions shall be made in the top storage bracket to secure the lift arm extension with the lift arm assembly 1" anodized steel pin and locking device.		

	COMPLY	
	YES	NO
F. Ram support angle shall be a gusseted ½" x 4" x 6" angle with welded ½" thick steel ram connection ears and so designed to accept a front bumper constructed of 8" @ 13.75# channel.		
G. The lower push plate main member is 10" @ 25 lb/ft. channel, reinforced with a ¾" x 3" x 3" angle.		
H. The plow connecting ears shall have three (3) equally spaced height attaching holes fabricated from (2) ¾" bars capable of adjusting pin ground height to approximately 15", 18", and 21" center of mounting holes.		
I. Plow connection pins are 1¼" diameter-two (2) shall be supplied with chain retainers.		
J. Push centers shall match existing Authority snow plows with 21" center.		
K. The specified truck bumper shall be cut and attached to either side of hitch side plates and reinforced as required using custom made bolt-on plates for easy replacement. Welding shall not be acceptable.		
L. The top of the bumper and front of grille shall have a removable bustin type plate deck mounted, full width.		
M. The bumper shall have four (4) 5/16" holes drilled for placement of license plates on driver's side.		
N. The plow hoist cylinder shall be of premium grade and shall be a double acting ram of not less than 3" bore x 10" stroke with a 1.5" nitride piston rod.		
O. The cylinder shall be capable of 14,000 lbs. of thrust @ 2,000 psi and 16,000 lbs. of bursting pressure @ 2,000 psi.		
P. The plow hoist cylinder shall be secured to the lifting frame at the connection ears with a minimum of a 1" grade 8 bolt and nylock nut. The cylinder shall be attached to the lift beam at the connection ears with a <b>minimum</b> of a 1" anodized steel pin and locking clevis.		
<b>FOLDING LIFT BEAM:</b>		
A. The folding lift beam assembly consisting of two parts, an inner section or receiver and an outer section or extension arm.		
B. The inner section shall have two (2) pin ears of <b>minimum</b> ¾" plate steel attached to the lifting frame using a <b>minimum</b> of 1" grade 8 bolts and nylock nuts facilitating a vertical flat fold when not in use. The inner section shall have a <b>minimum</b> of ½" steel horizontal top gusset plate angle to allow for hood tilting and fully welded to a <b>minimum</b> of a 4" x 4" x .38 structural square steel tube.		
C. The underside of the inner section shall have welded ½" plate steel plow hoist cylinder connection ears.		
D. The outer section shall be 3" x 3" x .38 structural square steel tube capped at one (1) end with a <b>minimum</b> of ¾" steel plate extending outward and toward the truck. The outward extensions shall have one (1) banjo hole on each side providing attachment of two (2) plow lift chains.		

	<b>COMPLY</b>	
	<b>YES</b>	<b>NO</b>
E. The outer section assembly shall slide in and out of the inner section receiver and be secured in the operating position with a <b>minimum</b> of a 1" anodized steel pin and locking clevis.		
F. The plow hitch shall be mounted as close to grille as possible.		
G. If frame length must be reduced, vendor shall remove portion of frame in such a way not to affect the integrity of frame strength.		
H. Tow hooks shall be mounted on hitch using original equipment from chassis manufacturer.		
<b>PAINT:</b>		
A. The hitch shall be powder coated black with appropriate preparation prior to powder coating to bond powder to hitch.		
<b>WARRANTY:</b>		
A. The entire unit shall be warranted to be free from defects in material and workmanship that develop under normal use for a minimum period of one (1) full year from the time of acceptance by the New Jersey Turnpike Authority.		
B. The foregoing stated minimum warranty period shall not supersede standard published manufactures warranties that exceed one (1) full year.		

# SPECIFICATIONS: SP-2018

## SNOW PLOW

### 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
<b>GENERAL:</b>		
A. The snow plow shall be an 11' x 42" power reversible "J" style type.		
B. The snow plow shall be new and of the latest design and be in current production at the time of the submission of bid.		
C. All standard and optional equipment shall be Original Equipment Manufacturers (OEM) items, when available. <b>NO EXCEPTIONS.</b>		
D. Bidders <b>must</b> submit with their bid, detailed/technical specifications of their snow plow being bid.		
<b>MOLDBOARD:</b>		
A. The moldboard shall be 42" high and 132" long formed in a "J" shaped blade. The radius shall be approximately 20" and the last 12" a <b>minimum</b> of a 6" radius.		
B. The moldboard shall be constructed with a <b>minimum</b> of 7-gauge steel paneled for additional strength.		
C. The top shall be reinforced at the top by a self-formed channel and the bottom with a one piece 4" x 4" x $\frac{3}{8}$ " structural angle.		
D. The cutting edge banking plate of $\frac{5}{8}$ " x 3" steel shall be welded and braced with a $\frac{1}{2}$ " x $2\frac{1}{2}$ " gussets welded between each cutting edge bolt position.		
E. The edge shall be <u>flush</u> with the moldboard face to prevent snow build up on top of the cutting edge.		
F. A <b>minimum</b> of ten (10) full length vertical ribs shall reinforce the moldboard.		
G. The vertical rails shall be constructed of $\frac{1}{2}$ " x 3" formed steel continuously welded on both sides of edge to the moldboard sheet and secured at the top to the formed channel and to the structured angle at the		



	COMPLY	
	YES	NO
bottom.		
H. Two (2) horizontal braces shall also reinforce the moldboard.		
I. The braces shall be constructed of ¼" x 2" x 2" angle or ½" x 3" flat bar continuously welded on both sides to moldboard sheets.		
J. The lower rear cross angle shall be provided with a <b>minimum</b> of ten (10) brackets ¾" thick welded on 88" hinge point centers for attachment to the table assembly at five (5) points with a <b>minimum</b> of 1" (72,000 lbs.) tensile strength pins.		
<b>CUTTING EDGE:</b>		
A. The cutting edge shall be fabricated from abrasion resistant steel with a Brinell Hardness of 250 <b>minimum</b> and 325 <b>maximum</b> .		
B. There shall be two (2) each of 1" thick x 8" wide x 66" long cutting edges. <b>NO EXCEPTIONS</b>		
C. The cutting edges to be AASHO standard punched and be easily replaced.		
D. All mounting hardware shall be grade 8.		
<b>TRIPPING MECHANISM:</b>		
A. To protect the plow, truck and operator from impact damage, the plow shall include a spring controlled full moldboard hinged spring mechanism. A <b>minimum</b> of six (6) heavy-duty extension springs shall be attached between the table and the moldboard.		
B. The spring materials must be ASTM-A229 oil tempered ½" wire, 4½" o.d. x 24 active coils with the end hooks cold formed to 90° right angles to each other.		
C. The spring force at 30.5" shall be a <b>minimum</b> of 1,050 lbs. and allow 14" of stretch without deformation.		
D. The springs shall maintain the vertical stability of the moldboard while plowing and facilitate a controlled trip/return action when coming in contact with any solid object while plowing.		
E. The trip springs shall be designed to have adjustable spring tension.		
F. Each spring shall be able to be adjusted individually by a threaded "J" hook or equivalent.		
G. A mechanical telescopic tripping post assembly constructed of a <b>minimum</b> of 1¼" x 2" inside bar, ¾" x 2¼" outside bare and reinforced with ¼" x 2" bars.		
H. The tripping post assembly shall be independent of the springs and must prevent the top of the moldboard from contacting the road surface.		
I. Two (2) 1" diameter pins with a <b>minimum</b> tensile strength of 72,000 lbs. shall connect tripping post to the moldboard and table.		
<b>TABLE:</b>		
A. The table shall be a circular arc design and be constructed of a one piece solid 4" x 4" x ½" structural angle, a 4" x ¾" bar shall be fabricated to conform to the outside radius with eleven (11) notches 1¼" deep x 1⅛" wide at the bottom and 1½" wide at the outer edge and welded in a vertical		

	COMPLY	
	YES	NO
position along the underside of the 4" x 4" x ½" structural angle radius.		
B. The notches shall be sheared cut. Flame cutting to achieve curve and notches shall not be acceptable.		
C. Circular arc portion shall be welded at each end with an overlap to structural angles measuring 4" x 4" x ½" that continues the length of the semicircle and joins to the front square tube measuring 4" x 4" x ⅜".		
D. The joining of the semicircle to the front tube shall be reinforced on each side by 3½" x 3½" x ½" structural angle.		
E. The front of the table shall be provided with a <b>minimum</b> of ten (10) brackets ⅝" thick welded on 88" hinge point centers for attachment to the moldboard assembly at five (5) points with a <b>minimum</b> of 1" 72,000 lb. tensile strength pins.		
F. The front center of the table shall be designed for attachment to the "A" frame with a 1¾" diameter vertical pin with locked rotation to the A-frame and secured by a ⅜" roll pin.		
<b>LIFT CHAIN:</b>		
A. The lift chain assembly shall include a zinc plated 7/16" coil proof chain, repair link, two (2) ½" anchor shackles and a 7/16" grab hook clevis.		
B. There shall be two (2) tabs welded on the table for attachment of the lift chain.		
<b>PUSH FRAME:</b>		
A. The push frame shall be constructed of two (2) 4" @ 13.8 lb. ship channels with bracing and be in the form of an "A".		
B. The top and bottom of the push frame shall be ½" triangular shaped plate.		
C. Welded to the front of these triangular plates shall be a pair of ¾" x 4" steel brackets and between them a curved socket member shall be provided to relieve the pivot pin of thrust stress.		
D. The attachment pin at this point shall be a <b>minimum</b> of 1¾" diameter axle quality steel that shall engage with corresponding ears on the front tube of the semicircular frame.		
E. At the center of this box construction of plates and channels in the line of forward rotation shall be an assembly welded to form a continuous thrust beam.		
F. A latch part shall be incorporated which continues further to the rear and presses against a heavy duty latch spring measuring 5-7/16" o.d. x ¾" diameter spring wire with 9" of free travel.		
G. The spring shall be made of AISI 5160 hot rolled spring steel and shall be heat treated after cooling. Spring shall be closed and ground.		
H. The latch shall seat against a circular plate welded to the rear cross channel.		
I. Lubrication fittings shall be provided to allow ease of movement of slide assembly, which telescopes on the tubular member.		
J. The two (2) rear channels of the push frame shall be provided with a heavy-duty 1" thick cast steel adjustable ear for attachment of the push frame to the travel hitch with 1¼" diameter bolt. Ear spacing shall be 21". <b>NO</b>		

	COMPLY	
	YES	NO
<b>EXCEPTIONS</b>		
<b>HYDRAULIC REVERSING CYLINDERS:</b>		
A. The hydraulic reversing mechanism shall consist of two (2) hydraulic cylinders nitride piston rods and a <b>minimum</b> of 2½" diameter and 10" stroke.		
B. The hydraulic cylinder housing shall attach to the push frame and the hydraulic cylinder piston shall attach to the front table tube with 1" pins secured by ¼" roll pins.		
C. Hydraulic cylinders shall be positioned to unlatch the semicircle and angle the moldboard to the desired plowing position.		
D. The latching mechanism shall operate automatically and monitor the moldboard in any of eleven (11) positions from 35° right or left in 7° increments.		
E. High pressure hydraulic hose connections shall be made to each of the two (2) cylinders with long 90° JIC elbow female swivel crimp hose fittings and extend to the rear terminating in male and female brass quick disconnect couplings. This will allow the hoses to be connected during storage. All couplings shall have lanyard attached rubber cap/plug covers.		
F. During operation, the hoses shall connect to the corresponding connections on the Authority trucks.		
<b>MUSHROOM:</b>		
A. The skid shoe assemblies must be of the hand adjustable type, enclosed and fully lubricated with replaceable chilled cast iron shoes "Mushroom" shaped of a <b>minimum</b> of 11" in diameter and 2½" thick.		
B. The design shall include an anti-flip top.		
C. The shoe housing to be constructed of 3" square tubing x 12" long and the shoe post to be constructed of 2½" square tubing x 11" long.		
D. The adjustment shall be accomplished by a threaded 1¼" diameter screw operated by a hand crank with rotating knob, which shall be self- locking and shall operate without the use of any tools. The adjusting screw shall be fully enclosed.		
<b>LEVEL-LIFT ASSEMBLY:</b>		
A. The level-lift assembly shall provide an automatic, mechanically activated mechanical control, which will hold a raised plow moldboard an equal distance from the ground to the bottom of the cutting edge.		
B. The level-lift mechanism will hold an equal elevation regardless of height raised above the road surface and regardless of moldboard plowing angle.		
C. The moldboard plowing angle must be able to be changed to any desired position, maintaining equal elevation without first lowering plow, changing plowing angle and then re-lifting.		
<b>PLOW MARKERS:</b>		
A. The snow plow shall be equipped with two (2) 36" orange reinforced markers constructed of ¾" polymer reinforced with a ⅜" galvanized cable.		
B. Each plow marker shall be equipped with a crimped base 2-bolt mount installed at the upper outer most left and right corners of the moldboard and		

	COMPLY	
	YES	NO
attached to a reinforced rib with bolts and nylock nuts.		
<b>RUBBER BAFFLE:</b>		
A. The snow plow shall be equipped with a ½" thick x 12" wide x 11' long rubber belting baffle.		
B. The baffle shall be bolted to top of moldboard with a ¼" x 2" x 11' steel keeper bar.		
<b>MOLDBOARD SHOE:</b>		
A. The snow plow shall be equipped with two (2) moldboard shoes.		
B. The moldboard shoe shall be constructed of cast steel and have a bearing wear surface of at least 75 square inches each.		
C. The moldboard shoes shall be attached directly behind the cutting edge and be designed to wear evenly with an 8" cutting edge.		
D. The moldboard shoes shall have two (2) 11/16" diameter bolt holes spaced on 12" centers for mounting to the snow plow.		
<b>CURB BUMPER:</b>		
A. Two (2) 2½" x 2½" x 8" cold rolled steel curb bumpers shall be continuous weld attached vertically to the lower left and right outside edge of the moldboard lower angle.		
B. The bottom edge of the curb bumper shall be positioned at a height equal to the moldboard shoe.		
C. The curb bumper shall not interfere with the plow blade attachment area.		
<b>WELDING:</b>		
A. All welds shall be continuous.		
B. All welding performed in the manufacturing of the snow plow shall be done by AWS certified welders.		
C. Proof of AWS certification shall be presented upon request.		
<b>PAINT:</b>		
A. All steel parts shall have the mill scale and oil removed by means of a high pressure chemical cleaner prior to painting.		
B. These surfaces shall be primed with a zinc rich, rust preventive primer.		
C. The finish paint shall be a high quality, high solid, polyurethane type enamel.		
D. All painting shall be done in conjunction with good commercial practices.		
E. All aluminum and stainless steel shall be left in its natural color:		
F. Paint color shall be DuPont Dulux Omaha Orange Enamel # 93-082 or Authority approved equivalent.		
G. Paint shall be supplied in a two-step process.		
H. Orange base coat and additional polyurethane overcoat.		

# SPECIFICATIONS: 7PTC

## 7-POLE ROUND PIN TRAILER CONNECTORS ON TRUCKS AND TRAILERS

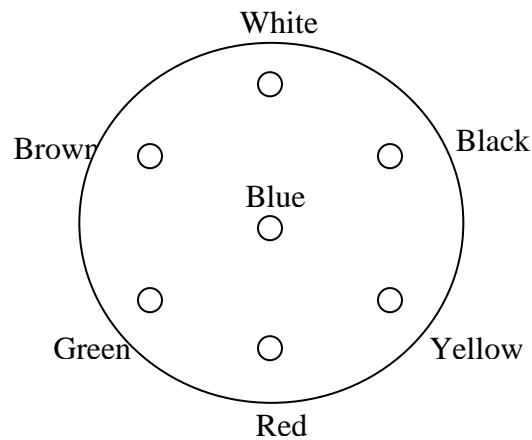
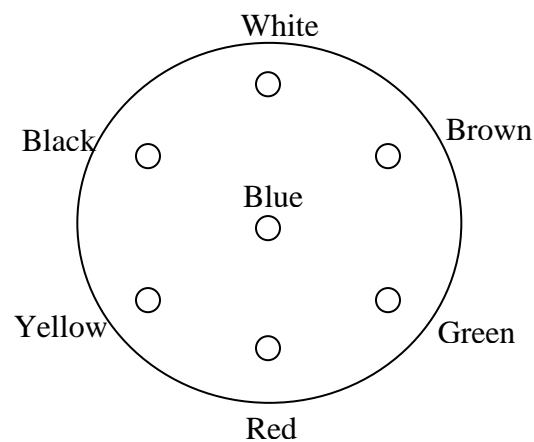
### CONNECTOR MARKING COLOR

### APPLICATION

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

### SOCKET MARKINGS

### PLUG MARKINGS



# SPECIFICATIONS: TCAABC-2018

## TRAILER CONNECTION / ABS AIR BRAKE CONTROL

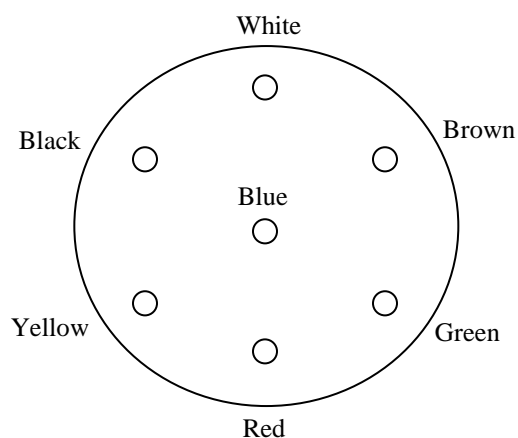
7-Way, Round Pin, Trailer Connectors for Authority Trucks and Trailers

### CONNECTOR MARKING COLOR

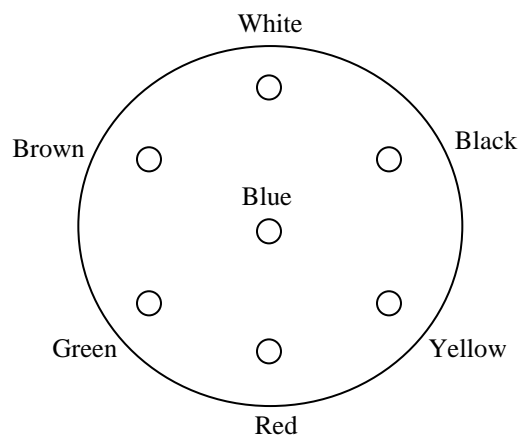
### APPLICATION

WHITE.....	GROUND
BLACK.....	TAIL LIGHT
BROWN.....	TAIL LIGHT
YELLOW.....	LEFT TURN SIGNAL
GREEN.....	RIGHT TURN SIGNAL
RED.....	STOP LAMPS
BLUE.....	ABS POWER

### SOCKET MARKINGS GREEN RECEPTICLE

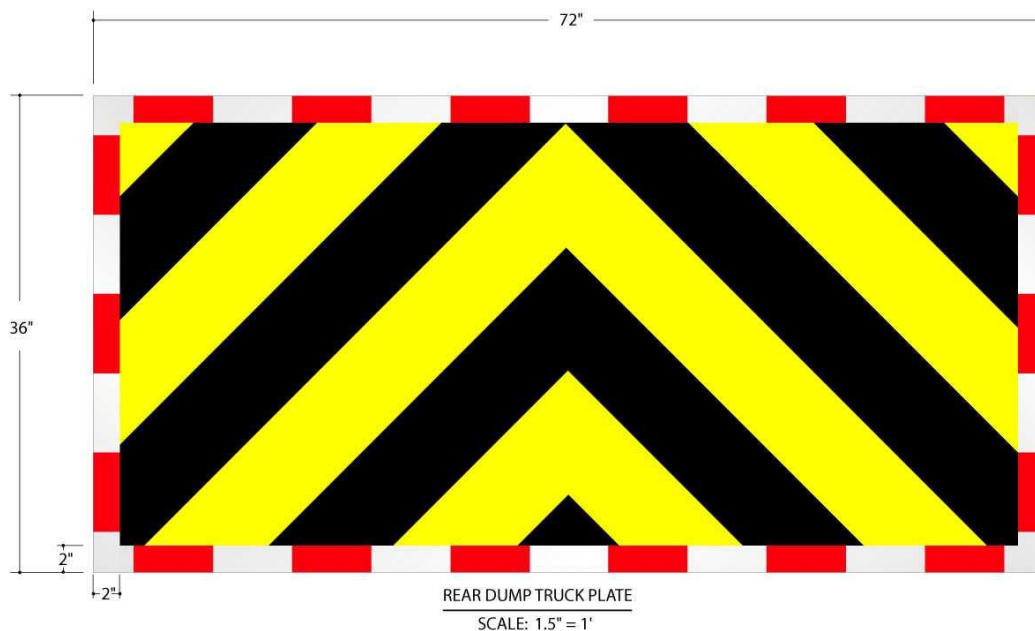


### PLUG MARKINGS



## 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).
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.



**UNIT INFORMATION FORM**

**TRUCK CHASSIS:**

YEAR:\_\_\_\_\_ MAKE:\_\_\_\_\_ MODEL:\_\_\_\_\_

ENGINE MAKE:\_\_\_\_\_

MODEL:\_\_\_\_\_ CID:\_\_\_\_\_ HP:\_\_\_\_\_ @ \_\_\_\_\_ RPM

ALTERNATOR MAKE:\_\_\_\_\_ MODEL:\_\_\_\_\_

AMPS:\_\_\_\_\_

BATTERY VOLTS/AMPS:\_\_\_\_\_

C.C.A. @ O° F:\_\_\_\_\_

TRANSMISSION MAKE:\_\_\_\_\_

MODEL:\_\_\_\_\_

BACK-UP ALARM MAKE:\_\_\_\_\_

TIRE SIZES: FRONT:\_\_\_\_\_ REAR:\_\_\_\_\_

MAKE:\_\_\_\_\_ MODEL:\_\_\_\_\_

SERVICING AGENCY:\_\_\_\_\_

LOCATED AT:\_\_\_\_\_

TELEPHONE #:\_\_\_\_\_

CONTACT:\_\_\_\_\_

Name & Title



**DUMP BODY:**

DESCRIPTION: \_\_\_\_\_

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

INSTALLER: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

**HOIST:**

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

CAPACITY: \_\_\_\_\_

INSTALLER: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

**HYDRAULIC-POWERED BODY VIBRATOR:**

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

**HYDRAULIC SYSTEM:**

MAKE:\_\_\_\_\_

HYDRAULIC PUMP

MODEL:\_\_\_\_\_

INSTALLER:\_\_\_\_\_

SERVICING AGENCY:\_\_\_\_\_

LOCATED AT:\_\_\_\_\_

TELEPHONE #:\_\_\_\_\_

CONTACT:\_\_\_\_\_

Name & Title

**TAILGATE SPREADER:**

YEAR:\_\_\_\_\_MAKE:\_\_\_\_\_MODEL: \_\_\_\_\_

SERVICING AGENCY:\_\_\_\_\_

LOCATED AT:\_\_\_\_\_

TELEPHONE #:\_\_\_\_\_

CONTACT:\_\_\_\_\_

Name & Title

**ROTATOR LIGHTS:**

YEAR:\_\_\_\_\_MAKE:\_\_\_\_\_MODEL: \_\_\_\_\_

SERVICING AGENCY:\_\_\_\_\_

LOCATED AT:\_\_\_\_\_

TELEPHONE #:\_\_\_\_\_

CONTACT:\_\_\_\_\_

Name & Title

**SNOW PLOW LIGHTS:**

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

**SNOW PLOW:**

MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

**TARP:**

DESCRIPTION: \_\_\_\_\_

YEAR: \_\_\_\_\_ MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_

SERVICING AGENCY: \_\_\_\_\_

LOCATED AT: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

CONTACT: \_\_\_\_\_

Name & Title

[illegible]

Date \_\_\_\_\_



## **NEW JERSEY TURNPIKE AUTHORITY**

P.O. Box 5042  
Woodbridge, New Jersey 07095  
or  
1 Turnpike Plaza  
Woodbridge, New Jersey 07095  
Tel. – 732-750-5300  
Fax – 732-750-5399

### **INSTRUCTIONS TO BIDDERS**

**PLEASE READ THE INSTRUCTIONS CAREFULLY**  
**BEFORE SUBMITTING YOUR BID**

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## **INSTRUCTIONS TO BIDDERS FOR SUBMISSION OF BIDS STANDARD TERMS AND CONDITIONS**

The following Standard Terms and Conditions apply to all contracts, purchase agreements or purchase orders with the New Jersey Turnpike Authority unless specifically stated otherwise in the Invitation to Bid/Request for Bids (“RFB”). Bidders are hereby notified that all Terms and Conditions contained herein will become a part of any contract(s) awarded or order(s) placed as a result of any RFB fully and to the same extent as if copied at length therein. In the case of a conflict between these general Terms and Conditions and the specific provisions of the RFB, the RFB shall control. Failure to comply with each and every one of the below Terms and Conditions, as well as the specific requirements set forth in the RFB, may be grounds for rejection of the bid.

### **I. DEFINITIONS**

The following definitions will be a part of any RFB issued by the New Jersey Turnpike Authority, and any contract(s) awarded or order(s) placed as a result of such documents.

- a. “Authority” shall mean the New Jersey Turnpike Authority.
- b. “Bidder” shall mean any potential vendor submitting a response to an RFB issued by the Authority.
- c. “Contract” shall mean the RFB (including these Standard Terms and Conditions), the response thereto submitted by the bidder, and the Authority’s Notice of Award.
- d. “Director” shall mean the Director of Procurement & Materials Management Department of the Authority.
- e. “Vendor” shall mean the successful bidder who is awarded the contract at issue.

### **II. STATE LAWS REQUIRING MANDATORY COMPLIANCE BY ALL BIDDERS**

- A. DIVISION OF REVENUE REGISTRATION-**Pursuant to the terms of N.J.S.A. 52:32-44, bidders are required to submit to the Authority proof of valid business registration with the New Jersey Division of Revenue in the Department of Treasury, prior to entering into a contract with the Authority. No contract shall be entered into by the Authority unless the bidder first provides proof of valid business registration. In addition, bidders are required to provide to the Authority proof of valid business registration with the Division of Revenue for any and all subcontractors that will be used to provide goods or services under the contract. A copy of the bidder’s and any subcontractor’s valid Certificate of Registration should be included with the bid submission and must be in effect prior to the contract award.

All questions regarding this requirement should be referred to the Division of Revenue hotline at (609)-292-9292 or/online: <http://www.nj.gov/treasury/revenue/forms/njreg.pdf>



**B. EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE** - Bidders must agree not to discriminate in employment and are required to comply with all applicable anti-discrimination laws, including those contained within N.J.S.A. 10:2-1 through 10:2-4, N.J.S.A. 10:5-1, et seq., and N.J.S.A. 10:5-31, et seq., P.L. 1975, c. 127. The mandatory language required by P.L. 1975, c. 127, as set forth in Exhibit A, shall be deemed a material term of any and all contracts, purchase agreements, and purchase orders entered into by the Authority. Bidders must acknowledge their agreement with the terms set forth in Exhibit A by signing where indicated and returning the exhibit with the bid. In addition, Bidders must affirmatively demonstrate compliance with P.L. 1975, c. 127 by submitting with the bid the completed Affirmative Action Information Sheet, set forth in Exhibit B, and any required attachments.

- 1) Anti-discrimination provision required by N.J.S.A. 10:2-a In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates.
- 2) No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex.
- 3) There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$ 50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- 4) This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract.

**C. OWNERSHIP DISCLOSURE FORM**-Bidders who are corporations or partnerships must comply with P.L. 1977, c. 33, N.J.S.A. 52:25-24.2, by completing the Ownership Disclosure Form, set forth in Exhibit C, and submitting it with the bid. Failure to do so shall result in rejection of the bid.

- D. POLITICAL CONTRIBUTIONS COMPLIANCE**-To be eligible for an award, bidders must comply with the requirements of P.L. 2005, c. 51, N.J. S.A. 19:44A-20.13 et seq., and with the requirements of Executive Order 117 (Corzine). No award may be made to a bidder who has not complied with these laws regarding political contributions. A more detailed explanation of these requirements is set forth in Exhibit D.

**1. ADDITIONAL DISCLOSURE REQUIREMENTS OF P.L. 2005, C. 271**

Bidders are advised of their responsibility to file annual disclosure statements on political contributions with the New Jersey Election Law Enforcement Commission (ELEC), pursuant to P.L. 2005, c. 271, section 3, if they receive contracts in excess of \$50,000 from any public entity in a calendar year. It is the bidder's responsibility to determine if filing is necessary. Failure to so file can result in the imposition of financial penalties by ELEC. Bidders must include with their bid a statement acknowledging this requirement, on the form set forth in Exhibit E.

Additional information about this requirement is available from ELEC at 888-313-3532 or at [www.elec.state.nj.us](http://www.elec.state.nj.us).

- E. PREVAILING WAGE ACT**-The New Jersey Prevailing Wage Act, N.J.S.A. 34:11-56.26 et seq., is hereby made a part of every contract entered into on behalf of the Authority, except those contracts which are not within the contemplation of the Act. The bidder's signature on its bid is its guarantee that neither it nor any subcontractors it might employ to perform the work covered by the contract has been suspended or debarred by the New Jersey Department of Labor and Workforce Development for violation of the provisions of the Prevailing Wage Act and/or the Public Works Contractor Registration Act. The bidder's signature on its bid is its guarantee that both it and any subcontractors it might employ to perform the work covered by the contract will comply with the provisions of the Prevailing Wage and Public Works Contractor Registration Acts, where required.
- F. PUBLIC WORKS CONTRACTOR REGISTRATION ACT**-The New Jersey Public Works Contractor Registration Act requires all contractors, subcontractors and lower tier subcontractors who bid on or engage in any contract for "public work," as defined in N.J.S.A. 34:11-56.26, to be first registered with the Department of Labor and Workforce Development. No vendor or subcontractor, including lower tier subcontractors, shall engage in the performance of any public work subject to the contract unless they are registered pursuant to this Act. Bidders shall submit with their bid a valid copy of their Public Works Contractor Registration Certificate and valid copies of the registration certificates for all subcontractors listed in the bid. If an expired Certificate is included with the bid, a copy of a renewal application submitted and filed with the Department of Labor and Workforce Development must be included with the bid submission. The certificate(s), or certified facsimile(s) of the certificate, shall be maintained at the worksite and shall be made readily available for inspection at any time.

Any questions regarding this requirement should be directed to the Division of Wage and Hour Compliance, Department of Labor and Workforce Development at (609) 292-9464.

**G. FOREIGN CORPORATION**-If applicable, the bidder shall register as a “Foreign Corporation” with the Secretary of the State of New Jersey, designating a resident agent for the service of process. Foreign corporations must obtain a certificate of authority to do business in NJ pursuant to N.J.S.A. 14A:13-3. Written proof of such registration must be included with the bid submission.

**H. SMALL BUSINESS ENTERPRISE SET-ASIDE CONTRACT FOR GOODS AND SERVICES**

It is the policy of the Authority that small business enterprises (“SBE”) as determined and defined by the State of New Jersey, Division of Revenue and Enterprise Services (“Division”) in the Department of the Treasury have the opportunity to compete for and participate in the performance of contracts and subcontract for construction and for the purchase of goods and services. The Authority further requires that its contractors / vendors agree to take all necessary and responsible steps, in accordance with N.J.S.A. 52:32-17 et seq and N.J.A.C. 17:14-1.1 to ensure that SBE’s have these opportunities, as an aid in meeting the commitment of its SBE Programs. When applicable the Authority will designate the contract as a SBE Set-Aside Contract. In such cases requests for bid proposals shall be confined to businesses registered with the Division as an SBE in either Category 1, 2, or 3. Bid proposals from businesses not designated as an SBE, when applicable, will be rejected.

**I. CODE OF ETHICS:** Bidders are advised that the Authority has adopted the New Jersey Uniform Code of Ethics, a copy of which can be viewed by going to the following web site: <http://nj.gov/ethics/docs/ethics/uniformcode.pdf> By submitting a bid, bidders agree to be subject to the intent and purpose of said Code and to the requirements of the New Jersey State Ethics Commission.

- 1) No vendor shall pay, offer to pay, or agree to pay, either directly or indirectly, any fee, commission, compensation, gift, gratuity, or other thing of value of any kind to any State officer or employee or special State officer or employee, as defined by N.J.S.A. 52:13D-13b. and e., in the Department of the Treasury or any other agency with which such vendor transacts or offers or proposes to transact business, or to any member of the immediate family, as defined by N.J.S.A. 52:13D-13i., of any such officer or employee, or any partnership, firm, or corporation with which they are employed or associated, or in which such officer or employee has an interest within the meaning of N.J.S.A. 52:13D-13g.
- 2) The solicitation of any fee, commission, compensation, gift, gratuity or other thing of value by any State officer or employee or special State officer or employee from any State vendor shall be reported in writing forthwith by the vendor to the Attorney General and the Executive Commission on Ethical Standards.
- 3) No vendor may, directly or indirectly, undertake any private business, commercial or entrepreneurial relationship with, whether or not pursuant to employment, contract or other agreement, express or implied, or sell any interest in such vendor to, any State officer or employee or special State officer or employee having any duties or responsibilities in connection with the purchase, acquisition or sale of any property or services by or to any State agency or any instrumentality thereof, or with any person, firm or entity with which he is employed or associated or in

which he has an interest within the meaning of N.J.S.A. 52:13D-13g. Any relationships subject to this provision shall be reported in writing forthwith to the Executive Commission on Ethical Standards, which may grant a waiver of this restriction upon application of the State officer or employee or special State officer or employee upon a finding that the present or proposed relationship does not present the potential, actuality or appearance of a conflict of interest.

- 4) No vendor shall influence, or attempt to influence or cause to be influenced, any State officer or employee or special State officer or employee in his official capacity in any manner which might tend to impair the objectivity or independence of judgment of said officer or employee.
- 5) No vendor shall cause or influence, or attempt to cause or influence, any State officer or employee or special State officer or employee to use, or attempt to use, his official position to secure unwarranted privileges or advantages for the vendor or any other person.
- 6) The provisions cited shall not be construed to prohibit a State officer or employee or special State officer or employee from receiving gifts from or contracting with vendors under the same terms and conditions as are offered or made available to members of the general public subject to any guidelines the Executive Commission on Ethical Standards may promulgate as stated above.

**J. VENDOR LOCATION DISCLOSURE-**Pursuant to N.J.S.A. 52:34-13.2, every contract entered into by the Authority primarily for the performance of services shall specify that all services performed under the contract or performed under any subcontract awarded under the contract shall be performed within the United States. The statute requires all bidders to disclose the origin and location of the performance of their services, including any subcontracted services that are the subject matter of the contract. Bidders must include with their bid a completed Vendor Disclosure Form, attached hereto as Exhibit G.

**J-1 DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN-** Pursuant to N.J.S.A. 52:32-58, the bidder must certify that neither the bidder, nor one of its parents, subsidiaries, and/or affiliates (as defined in N.J.S.A. 52:32-56(e)(3)), is listed on the Department of the Treasury's List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32-56(f). If the bidder is unable to so certify, the bidder shall provide a detailed and precise description of such activities.

**K. SET-OFF FOR OUTSTANDING TAX LIABILITY-**Bidders are advised that pursuant to P.L. 1995, c. 159, effective January 1, 1996, and notwithstanding any provision of the law to the contrary, the State of New Jersey has the right to set-off any tax indebtedness from payments made under contracts with the Authority. The State's rights are explained in more detail in Exhibit H, attached. Bidders must include with their bid a signed copy of Exhibit H acknowledging that they have received notice of the State's right of set-off.

- L. MSDS REQUIREMENTS**-Any vendor, supplier, or subcontractor who provides the Authority materials in the form of a single chemical substance or a mixture containing two or more chemical substances, or who delivers to or stores such materials at an Authority facility, must provide the Authority with a clear, legible copy of the manufacturer's most recent Material Safety Data Sheet (MSDS) for each and every one of those materials, pursuant to N.J.A.C. 8:59-2.2(i).
- M. LABELING REQUIREMENTS**-Any vendor, supplier or subcontractor who provides the Authority materials which fall under the purview of the New Jersey Worker and Community Right-to-Know-Act, N.J.S.A. 34:5A-1 et seq., or who stores any such materials at an Authority facility, shall ensure that each and every container of those materials is labeled in accordance with the Act and its regulations.
- N. VOC REQUIREMENTS**-Any architectural coating, as defined by N.J.A.C. 7:27-23.2, provided to the Authority for its use or used and applied by any vendor or subcontractor in conjunction with an Authority project must comply with each and every requirement of the New Jersey Department of Environmental Protection's Volatile Organic Compounds in Consumer Products (VCC) regulations, N.J.A.C. 7:27-23.1 et seq.
- O. COMPLIANCE WITH STATE AND FEDERAL LAWS**-The vendor must comply with all local, state and federal laws, rules and regulations applicable to the contract at issue and to the work to be done thereunder.
- P. SAFETY & HEALTH REQUIREMENTS**-The goods, services and/or equipment provided through the contract at issue shall be so designed and installed to meet all applicable federal and state safety and health regulations and national consensus standards including, but not limited to US DOL-OSHA, NJ LWD-PEOSHA, NFPA and ANSI standards
- Q. CHOICE OF LAW**-It is agreed and understood that any contract entered into and/or purchase orders placed as a result of any RFB issued by the Authority shall be governed and construed and the rights and obligations of the parties thereto shall be determined in accordance with the laws of the STATE OF NEW JERSEY.

### **III. BID PREPARATION**

- A. BID SUBMISSION**-Unless the Authority has made provision for bids to be submitted online, bids must be submitted in paper format, in ink or typewritten. If space is provided on the RFB for bid details, bids must be submitted using that document. Paper bids must be signed and returned in a sealed envelope addressed to the New Jersey Turnpike Authority with the bid opening date, time and bid identification on the outside of the envelope. Bidders shall state on such form a unit price for each item, and extend such unit price by multiplying same by the indicated quantities on the bids solicited by the Authority.

All bids must be received in the Authority's Purchasing Department on or before the date and time specified on the RFB. Bids received after the time indicated shall be rejected and returned to the bidder(s) unopened after being processed in accordance with established Authority procedures. The Authority will not be responsible for late postal or delivery service.

- B. CORRECTIONS**-Any correction of an entry made on the bid should be initialed by a duly authorized representative of the bidder. If the total price is found to be incorrectly computed, discrepancies will be corrected by the Authority on the basis of the written unit prices, and determination of the low bidder will be made on the basis of the correct total price so determined.
- C. BID PRICES**-All prices quoted shall be firm and not subject to increase during the term of the contract, unless otherwise specified in the RFB. Prices shall include transportation and delivery to the site designated by the Authority in the RFB. All delivery charges shall be borne by the vendor.
- D. PAYMENT TERMS**-The bidder shall state the terms, if any, requested for the Authority to make payment within a certain period of time after receipt of the bidder's invoice.
- E. ALTERNATES**-All items are to be quoted as specified in the RFB or as an approved equivalent. In those cases when an alternate product is offered, it is the bidder's responsibility to provide detailed specifications, brand, make and model of the alternate offered, in the bidder's response/bid submission. In the event a bidder fails to take exception to the published bid specifications, the Authority shall evaluate the bid as offering the specified product/service. The Authority shall determine, at its sole discretion, if any alternate product offered is acceptable as an approved equivalent.

In the event the Authority specifies a model number or item that has been replaced/superseded by another model number or item, the bidder may quote the replacement item as an alternate. In this case, the bidder must specify the manufacturer and model number of the replacement item on the response/bid submission and must supply detailed descriptive literature and/or prints with that submission. The Authority will evaluate the proposed item to determine, in its sole discretion, whether it is an approved equivalent.

#### **IV. BIDDER GUARANTEES AND MISCELLANEOUS CONTRACT REQUIREMENTS**

- A. WARRANTY**-The bidder hereby represents and warrants that the equipment offered is standard new equipment, latest model of regular stock product, with parts regularly used for the type of equipment offered, that such parts are all in production and none likely to be discontinued; also, that no attachment or part has been substituted or applied contrary to manufacturer's recommendations and standard practice.

The bidder shall unconditionally guarantee all new equipment for a term of one year from time of acceptance by the Authority unless specified otherwise in the RFB, and shall render prompt service of such equipment without charge, regardless of geographic location. The bidder shall maintain sufficient quantities of parts necessary for proper service to equipment at distribution points and service headquarters.

- B. BID SECURITY**-Bidder shall submit with its bid proposal, fully executed by its bonding company and itself, either: (1) the standard form Authority Letter of Surety (attached hereto as Exhibit I), or (2) the standard form Authority Proposal Bond (attached hereto as Exhibit J), in the amount of 10% of its bid price. In lieu of the Letter of Surety or Proposal Bond, the bidder may elect to furnish with its bid proposal a Cashier's check in the amount of 10% of the bid price as a performance warranty deposit. This bid surety will be held by the Authority until award of the contract to insure compliance by the successful bidder with the terms and obligations of the bid including, but not limited to, delivery date.
- C. CONTRACT BOND**-The vendor shall, within ten (10) calendar days of receipt of the Notice of Award, furnish and deliver the Contract Bond on the standard form of the Authority, attached hereto as Exhibit K. The Contract Bond shall be in a sum of up to 100% of the total amount bid for the contract, as specified in the RFB, and shall be maintained by the vendor until final payment is made. In the event of insolvency of the Surety, the vendor shall forthwith furnish and maintain other Surety satisfactory to the Authority.
- D. ELECTRONIC PAYMENT** - With the award of this contract, the successful vendor(s) will be required to receive their payment(s) electronically and invoices should be emailed to; [invoicefb@turnpike.state.nj.us](mailto:invoicefb@turnpike.state.nj.us). In order to receive your payments via automatic deposit from the Authority, complete and return the "Authorization Agreement for Direct Payments (ACH Credits)" Form with an **original voided check or bank letter**. The form must include ABA number (routing or transit number), bank account number and if the bank account is a checking or savings account. The form and instructions are located in the Instruction to Bidders on the Authority's website <http://www.state.nj.us/turnpike/purchasing.html>. The completed form along with the required voided check or bank letter should be emailed to [achvendor@turnpike.state.nj.us](mailto:achvendor@turnpike.state.nj.us).

**E. NON-COLLUSION-** The bidder's signature on its bid is its guarantee that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the referenced contract; and that all statements contained in the bid and any additional statements requested by the Authority are true and correct, and made with full knowledge that the Authority relies upon the truth of the statements contained therein in awarding the contract.

The bidder's signature on its bid is its guarantee, in accordance with N.J.S.A. 52:34-15, that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the bidder for the purpose of securing business.



## **V. INSURANCE AND INDEMNIFICATION**

**A. INSURANCE**-The bidder shall procure and maintain at its own expense for the entire term of the contract insurance for liability for damages imposed by law and assumed under this contract, of the kinds and in the amounts hereinafter provided. All insurance companies used must be authorized to do business in the State of New Jersey and must carry an A.M. Best Rating of A-/VII or better. Before commencing any services hereunder, the bidder shall furnish to the Authority a certificate(s) of insurance (together with declaration pages if requested by the Authority) showing that it has complied with this Section. All certificate(s) and notices of cancellation or change shall be mailed to: Director, Purchasing Department, New Jersey Turnpike Authority, P.O. Box 5042, Woodbridge, New Jersey 07095. Upon request, the bidder shall furnish the Authority with a certified copy of each policy itself, including the provision establishing premiums.

The type and minimum limits of insurance shall be:

1. **Commercial General Liability Insurance.** The minimum limits of liability for this insurance per accident shall be as follows:

- |                                                                              |                |
|------------------------------------------------------------------------------|----------------|
| • Bodily injury and property damage<br>each occurrence combined single limit | \$2,000,000.00 |
| • Personal injury each occurrence                                            | \$2,000,000.00 |
| • General Aggregate                                                          | \$2,000,000.00 |
| • Products Aggregate                                                         | \$2,000,000.00 |
| • Fire Damage Legal Liability                                                | \$100,000.00   |
| • Medical Payments                                                           | \$5,000.00     |

The above required Commercial General Liability Insurance shall name the Authority, its Commissioners, officers, employees, and agents as additional insureds. The coverage to be provided under this policy shall be at least as broad as the standard basic unamended and unendorsed Commercial General Liability Policy. The insurance policy shall be endorsed to include Personal Injury, Broad Form Property Damage, Contractual Liability (including the deletion of the coverage restriction related to work conducted within fifty (50) feet of a railroad), Products/Completed Operations, Independent Consultants and XCU if applicable. Products/Completed Operations coverage shall remain in force for a period of two (2) years following the completion and/or termination of the contract.

2. **Business Automobile Liability Insurance.** The Comprehensive Automobile Liability policy shall cover owned, non-owned, and hired vehicles with minimum limits as follows:

Combined Single Limit of Liability for Bodily Injury or Property Damage for any one accident: \$2,000,000.

This policy shall name the Authority, its Commissioners, officers, employees and agents as additional insured.

3. **Workers Compensation and Employers' Liability Insurance.** Workers Compensation Insurance shall be provided in accordance with the requirements of the laws of the State of New Jersey and shall include an All-States endorsement or similar statement in the policy declarations, extending coverage to any state which may be interpreted to have legal jurisdiction. Employers' Liability Insurance shall be provided with a limit of liability of not less than \$1,000,000 for each accident.

4. **Certificate and Endorsement Requirements**

Each of the above required policies shall contain the endorsements as stated below:

- (a) Thirty (30) days notice of cancellation or any restriction in coverage by registered mail to the Authority.
- (b) All policies, except Workers Wage and Employers' Liability Insurance, shall contain a waiver of subrogation clause in favor of the Authority.
- (c) With respect to Commercial General Liability and Automobile Liability policies, the other insurance clause under each policy shall be amended to read as follows: "This policy will act as primary insurance and not contribute with policies issued to the Authority."

The vendor shall also require that all of its contracting parties comply with the insurance requirements stated above including providing evidence of such insurance coverages in the same manner as stated above.

Due to future changes in economic financial and/or insurance market conditions the Authority at its discretion may modify the above stated insurance requirements.

NOTWITHSTANDING THAT MINIMUM AMOUNTS OF INSURANCE COVERAGE CARRIED OR REQUIRED TO BE CARRIED BY THE BIDDER ARE SPECIFIED HEREIN, THE LIABILITY OF THE BIDDER SHALL NOT BE LIMITED TO THE AMOUNTS SO SPECIFIED AND SHALL EXTEND TO ANY AND ALL LIABILITY IN EXCESS OF THE INSURANCE COVERAGES SO PROVIDED NOR SHALL THESE MINIMUM LIMITS PRECLUDE THE AUTHORITY FROM TAKING ANY ACTION AVAILABLE TO IT UNDER THE PROVISIONS OF THE CONTRACT OR OTHERWISE IN LAW.

- B. INDEMNIFICATION**-Vendor agrees to defend, indemnify and save harmless the Authority, its Commissioners, officers, employees, and agents and each and every one of them against and from all liabilities, judgments, threatened, pending or completed actions, suits, demands for damages or costs of every kind and description actually and reasonably incurred (including attorney's fees and costs and court costs) (collectively "Liabilities") including, without implied limitations, Liabilities for damage to property or Liabilities for injury or death of the officers, agents and employees of either the vendor or the Authority, resulting from any act or omission or willful misconduct of the vendor or any of its officers, agents, sub-consultants, or employees in any manner related to the subject matter of the contract. In the event that the vendor fails to defend, indemnify and save harmless the Authority, its Commissioners, officers, employees, and agents, and each and every one of them, in accordance with this Section, any money due to the vendor under and by virtue of the contract as shall be considered necessary by the Authority may be retained by the Authority and held until any and all liabilities shall have been settled and suitable evidence to that effect furnished to the Authority. The obligations in this Section shall survive the termination, expiration or rescission of the contract.
- C. PATENT INDEMNIFICATION**-The vendor hereby agrees that it will indemnify, defend and save harmless the Authority, its Commissioners, officers, agents and servants from all suits, actions, claims and judgments of any kind or character whatsoever for infringement of patent, trademark or copyright regarding the items bid herein that may be brought by any person, corporation or firm.

## **VI. DELIVERY REQUIREMENTS**

- A. DELIVERY DATE**-A FIRM delivery date must be stated on the bid. Statements such as "stock" or "immediate" are not acceptable. Where the RFB calls for delivery within a specified time, it shall be indicated in the bid whether delivery will be made within the time specified.
- B. F.O.B.**-Price shall include delivery to the Authority F.O.B. destination, freight paid to any destination on the New Jersey Turnpike or Garden State Parkway. No additional charge will be allowed for any transportation cost resulting from partial shipments made at vendor's convenience when a single shipment is ordered. Prices quoted are firm throughout the term of the contract for complete delivery of quantities specified.

Bids submitted on an F.O.B. destination basis are mandatory; however, in instances where customs of the trade or unusual circumstances dictate F.O.B. shipping point, an estimate of the shipping charges must be noted on the bid and may be accepted in the Director's sole discretion. In such cases, actual shipping charges are to be prepaid and added to the invoice.

**C. DELIVERY-**Upon award of the contract:

1. Deliveries shall be made at such time and in such quantities as ordered in strict accordance with conditions stated in the RFB.
2. Deliveries may be set on a scheduled basis as arranged between the Authority and the vendor. It shall be the responsibility of the vendor to maintain an adequate supply stock.
3. The vendor will be responsible, at the point of delivery, for the delivery of material in such quality and condition as required by Paragraph IV.A. hereof and in accordance with good commercial practice.
4. Items delivered must be strictly in accordance with those bid upon.
5. As applicable, bidders must state in the space provided on the RFB/bid solicitation documents the number of days required to make delivery after notification to ship.
6. In the event delivery is not made within the number of days stipulated, the Authority may purchase the required material from any available source. The difference in price, if any, will be paid by the vendor failing to meet its commitments.

**VII. OTHER TERMS AND CONDITIONS**

- A. CONTRACT PERIOD-** Except as otherwise stated in the RFB, the term of the contract shall be for one (1) year, with the option to extend for two (2) one-year options, at the Authority's discretion, and with vendor's concurrence.
- B. EXTENSION OPTION-**If, in the opinion of the Director, it is in the best interest of the Authority to extend any contract beyond the original term, for a period of all or any part of a year, the vendor will be so notified of the Director's intent, prior to the expiration date of the existing contract. The Authority reserves the right to make up to two extensions of this contract for not more than one year each. If the extension is acceptable to the Authority at the original prices and on the original terms, notice will be given to the vendor by the Director in writing. If the original contract required a Contract Bond, a new Contract Bond must be submitted to cover the period of the extension. The same insurance requirements will be required for each extension period.
- C. TERMINATION OF CONTRACT-**The contract awarded may be terminated by the Authority at any time for inadequate or improper performance, or for breach of any terms, conditions, or obligations of the contract by the vendor, as determined by the Authority, or if the vendor shall make an assignment for the benefit of creditors, or file a voluntary petition in bankruptcy, or if an involuntary petition in bankruptcy is filed against the vendor and the act of bankruptcy therein alleged is not denied by the vendor, or if denied, is found by a court or jury. Further, the Authority reserves the right to terminate any contract for any reason provided written notice has been given by the Director to the vendor at least thirty (30) days prior to such proposed termination date.

The notice of termination shall be in writing, and shall be effective upon receipt by the vendor. Upon termination, the Authority shall be liable only for payment for goods or services properly delivered or performed in accordance with the contract. The Authority shall have the right to purchase non-delivered goods, to replace defective goods or services on the open market and hold the vendor liable for the difference between the price set forth in the contract for such goods or services and the prices paid on the open market, or pursue any other right available by law. In addition, the Authority shall have the right, without the necessity of court proceedings, to recover all equipment, material or supplies that are the property of the Authority and have been entrusted with the vendor to be used in the performance of said contract. Nothing in this paragraph is intended to limit the Authority's right to legally pursue all costs which exceed the amount due and owing the vendor under said contract. The list of remedies in this paragraph is not exclusive.

- D. SCOPE-**The total quantities of any contract are estimated. There is no guarantee of any minimum quantity. It is understood and agreed that contract prices shall cover the quantities actually required and ordered by the Authority during the term of the contract, whether more or less than the approximate quantity stated.
- E. BIDDERS FACILITIES-**The Authority reserves the right to inspect the bidder's establishment before making an award.
- F. TESTING-**The Authority reserves the right to have the material tested prior to the award and during the contract by an independent testing laboratory, to determine if the material meets the specifications of the RFB. If required for testing purposes, the low bidder shall submit a reasonable quantity of the product as samples. If these samples prove satisfactory, the contract shall be awarded. If they do not prove satisfactory, a test shall be made of the next low bidder's sample, until satisfactory products are found to meet requirements. Should the laboratory find that any shipment does not meet specifications, the Authority shall have the right to reject same.
- G. INSPECTION-** All work done and supplies furnished shall be subject to inspection, testing and rejection by the Authority, or its representatives, at all times and places, both during manufacture and at destination. After award of the contract, should the result of any test or inspections show that the material supplied fails to meet the requirements of the Authority, the material shall be rejected and immediately replaced by the vendor. Rejected supplies or materials will be returned at the vendor's risk, and all inspection, handling and transportation charges to and from the Authority's delivery site will be assumed by the vendor. The vendor shall bear any and all expenses resulting from delay caused by failure to meet test or inspection standards. Should the Authority for any reason decide to accept any shipment which fails to meet specifications, the Authority may make an appropriate price adjustment with regard to same.

- H. AWARDS-**Comparison of bids will be based on the total price stated in the bid and an award will be based on the total price, terms and delivery date given by the bidder. If the total price is found to have been incorrectly computed, discrepancies will be corrected by the Authority on the basis of the unit prices and a determination of the low bidder will be made on the basis of the corrected total price. The Authority shall not be liable for any failure on its part to detect or correct errors, and the Authority's action in connection therewith shall not give rise to any rights to the bidder.
- I. NOTICE TO VENDORS AND AUTHORITY DEPARTMENTS-**The Authority is authorized to order, and vendors are authorized to ship only those items covered by the contract. If a review of orders placed by the Authority reveals that material other than that covered by the contract has been ordered and delivered, the Director will take such steps as are necessary to have the material returned regardless of the time elapsed between the date of delivery and discovery of the violation. A full refund to the Authority by the vendor will be required.
- J RIGHT TO AUDIT-**Vendor shall keep and maintain proper and adequate books, records and accounts accurately reflecting all costs and amounts billed to Authority under the contract at issue. Authority, its employees, officers, or representatives shall have the right upon written request and reasonable notice, to inspect and examine all of the vendor's books and records related to the contract. Such records shall be retained by vendor for at least five (5) years from the termination of the contract. In no event shall books and records be disposed of or destroyed of prior to five (5) years from the termination of the contract or during any dispute or claim between the Authority and vendor with regard to the contract at issue.
1. In accordance with the New Jersey Office of the State Comptroller ("OSC") document retention policy N.J.A.C. 17:44-2.2 - The vendor shall maintain all documentation related to products, transactions or services under this contract for a period of five years from the date of final payment. Such records shall be made available to the OSC upon request.
- K. TAXES-**The Authority is exempt from Federal Excise Tax, New Jersey State Sales and Use Tax and other tax as applicable.
- L. TRANSFER OF BUSINESS-**It is understood by all parties that, if, during the term of the contract, the vendor disposes of its business by sale, transfer or by any means to another party, all obligations are transferred to such purchaser.

**M. INTERAGENCY COOPERATIVE PURCHASING**-Pursuant to P.L. 1999, c. 440, vendors may receive inquiries by the entities listed below, with respect to extending this contract to them based upon the same prices, terms and conditions:

South Jersey Transportation Authority  
New Jersey Sports & Exposition Authority  
New Jersey Meadowlands Commission  
New Jersey Water Supply Authority  
Port Authority of New York & New Jersey  
Delaware River Port Authority  
Higher Education Student Assistance Authority

**N. CONTRACT CHANGES**-During the term of contract, no change will be permitted in any of its conditions and specifications unless the vendor receives written approval from the Director.

Should the vendor find at any time that existing conditions make modification in requirements necessary, the vendor shall promptly report such matter to the Director for consideration and decision.

**O. SUBCONTRACTING OR ASSIGNMENT**-The contract may not be subcontracted or assigned by the vendor, in whole or in part, without the prior written consent of the Director. In the event that bidder proposes to subcontract some or all of the services to be provided under the contract, it shall state so in its bid and attach for approval a list of said subcontractors and an itemization of the goods and/or services to be supplied by them.

**P. REJECTION OF BIDS**-Failure to comply with mandatory requirements of the bid shall be considered grounds for rejection. The Authority retains the right to reject any or all bids, to waive informalities and minor irregularities and to rebid the entire contract.

**Q. LIABILITIES OR DEBTS OWED TO THE AUTHORITY**-The failure by any Contractor or subcontractor during the term of the Contract to satisfy in a timely manner any outstanding debts or fees owed to the Authority, whenever incurred, including but not limited to those related to nonpayment of tolls or administrative fees, as required by N.J.A.C. 19:9-1.19 and N.J.A.C. 19:9-9.2, shall be grounds for suspension or termination of the Contract, in the sole discretion of the Authority.

**EXHIBIT A**  
**MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE**  
**N.J.S.A. 10:5-31 et seq., N.J.A.C. 17:27**

**GOODS, PROFESSIONAL SERVICES AND GENERAL SERVICE CONTRACTS**

During the performance of this contract, the contractor agrees as follows:

- A. The Contractor or Subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment and that employees are treated during employment without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not 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 to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.
- B. The Contractor or Subcontractor, where applicable 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 age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity, or expression, disability, nationality or sex.
- C. The Contractor or Subcontractor will send to each labor union with which it has a collective bargaining agreement a notice, to be provided by the agency contracting officer, advising the labor union of the Contractor's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- D. The Contractor or Subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time, and the Americans with Disabilities Act.
- E. The Contractor or Subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.
- F. The Contractor or Subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities and labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.



- G. The Contractor or Subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personal testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.
- H. In conforming with the targeted employment goals, the Contractor or Subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.
- I. The Contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:
  - i. LETTER OF FEDERAL AFFIRMATIVE ACTION PLAN APPROVAL
  - ii. CERTIFICATE OF EMPLOYEE INFORMATION REPORT
  - iii. EMPLOYEE INFORMATION REPORT FORM AA302

The Contractor and its Subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the Division from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27**

Submitted by:

**Firm Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**EXHIBIT B**  
**AFFIRMATIVE ACTION INFORMATION SHEET**

BIDDERS ARE REQUIRED TO SUBMIT ONE OF THE FOLLOWING FORMS RELATING TO COMPLIANCE WITH AFFIRMATIVE ACTION REGULATIONS. **PLEASE COMPLETE AND RETURN THIS FORM AND ANY REQUIRED DOCUMENTS WITH THE BID.**

1. The bidder has a Federal Affirmative Action Plan Approval which consists of a valid letter from the United States Department of Labor Office of Federal Contract Compliance Programs (Good for one year of the date of letter).

YES \_\_\_\_\_ NO \_\_\_\_\_

If Yes, a photocopy of the Letter of Approval is to be submitted with the bid.

**(OR)**

2. The bidder has submitted an Affirmative Action Employee Information Report (Form AA302) to the State Treasurer, and the State Treasurer has approved said report pursuant to N.J.A.C. 17:27-4.6.

YES \_\_\_\_\_ NO \_\_\_\_\_

If Yes, a photocopy of the Certificate of Employee Information Report is to be submitted with the bid. (Expiration Date on Certificate)

Certificate Number \_\_\_\_\_

**(OR)**

3. The bidder has submitted an Employee Information Report (Form AA302) to the State Treasurer, and the State Treasurer has not yet approved said report.

YES \_\_\_\_\_ NO \_\_\_\_\_

If Yes, a photocopy of the Form AA302 is to be submitted with the bid.

If you are the successful Proposer and have none of the above, please contact the Procurement and Materials Management Department at **(732) 750-5300 ext. 8628** within five (5) days of notification of award for AA-302 Form. This AA-302 Form must be forwarded to the States' Affirmative Action Office with a copy returned to the Authority's Procurement and Materials Management Department.

The signature below certifies that one of the above forms of Affirmative Action evidence has been submitted, and all information contained above is correct to the best of my knowledge.

Signed \_\_\_\_\_ Date Signed \_\_\_\_\_

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

Bidder's Company Name \_\_\_\_\_

Address \_\_\_\_\_

Telephone Number \_\_\_\_\_ Fax Number \_\_\_\_\_

**EXHIBIT C**  
**OWNERSHIP DISCLOSURE FORM**

BID SOLICITATION: \_\_\_\_\_ BIDDER/PROPOSER: \_\_\_\_\_

**PART 1**

**PLEASE COMPLETE THE QUESTIONS BELOW BY CHECKING EITHER THE “YES” OR “NO” BOX. ALL PARTIES ENTERING INTO A CONTRACT WITH THE NEW JERSEY TURNPIKE AUTHORITY ARE REQUIRED TO COMPLETE THIS FORM PURSUANT TO N.J.S.A. 52:25-24.2**

**PLEASE NOTE THAT IF THE BIDDER/PROPOSER IS A NON-PROFIT ENTITY, THIS FORM IS NOT REQUIRED.**

1. Are there any individuals, corporations, partnerships, or limited liability companies owning a **10% or greater** interest in the Bidder/Proposer?

YES ☐ NO ☐

**IF THE ANSWER TO QUESTION 1 IS “NO”, PLEASE SIGN AND DATE THE FORM.**

**IF THE ANSWER TO QUESTION 1 IS “YES”, PLEASE ANSWER QUESTIONS 2-4 BELOW.**

2. Of those parties owning a 10% or greater interest in the Bidder/Proposer, are any of those parties individuals?

YES ☐ NO ☐

3. Of those parties owning a 10% or greater interest in the Bidder/Proposer, are any of those parties **corporations, partnerships, or limited liability companies**?

YES ☐ NO ☐

4. If your answer to Question 3 is “YES”, are there any parties owning a **10% or greater** interest in the corporation, partnership, or limited liability company referenced in Question 3?

YES ☐ NO ☐

**IF ANY OF THE ANSWERS TO QUESTIONS 2-4 ARE “YES”, PLEASE PROVIDE THE REQUESTED INFORMATION IN PART 2.**

## **PART 2**

### **PLEASE PROVIDE FURTHER INFORMATION RELATED TO QUESTIONS 2-4 ANSWERED AS “YES”.**

If you answered “YES” for questions 2, 3, or 4 you must disclose identifying information related to the individuals, corporations, partnerships, and/or limited liability companies owning a 10% or greater interest in the Bidder/Proposer. Further, if one or more of these entities is itself a corporation, partnership, or limited liability company, you must also disclose all parties that own a 10% or greater interest in that corporation, partnership, or limited liability company. This information is required by statute.

### **INDIVIDUALS**

<b>NAME</b> _____	<b>DATE OF BIRTH</b> _____
<b>ADDRESS 1</b> _____	
<b>ADDRESS 2</b> _____	
<b>CITY</b> _____	<b>STATE</b> _____ <b>ZIP</b> _____

<b>NAME</b> _____	<b>DATE OF BIRTH</b> _____
<b>ADDRESS 1</b> _____	
<b>ADDRESS 2</b> _____	
<b>CITY</b> _____	<b>STATE</b> _____ <b>ZIP</b> _____

<b>NAME</b> _____	<b>DATE OF BIRTH</b> _____
<b>ADDRESS 1</b> _____	
<b>ADDRESS 2</b> _____	
<b>CITY</b> _____	<b>STATE</b> _____ <b>ZIP</b> _____

**Attach Additional Sheets if Necessary.**

**PART 2 continued**

**PARTNERSHIPS/CORPORATIONS/LIMITED LIABILITY COMPANIES**

ENTITY NAME _____		
PARTNER NAME _____		
ADDRESS 1 _____		
ADDRESS 2 _____		
CITY _____	STATE _____	ZIP _____

ENTITY NAME _____		
PARTNER NAME _____		
ADDRESS 1 _____		
ADDRESS 2 _____		
CITY _____	STATE _____	ZIP _____

ENTITY NAME _____		
PARTNER NAME _____		
ADDRESS 1 _____		
ADDRESS 2 _____		
CITY _____	STATE _____	ZIP _____

**Attach Additional Sheets if Necessary.**

In the alternative, to comply with the ownership disclosure requirement, a Bidder/Proposer with any direct or indirect parent entity which is publicly traded may submit the name and address of each publicly traded entity and the name and address of each person that holds a 10% or greater beneficial interest in the publicly traded entity as of the last annual filing with the federal Securities and Exchange Commission or the foreign equivalent, and, if there is any person that holds a 10% or greater beneficial interest , also shall submit links to the websites containing the last annual filings with the federal securities and Exchange Commission or the foreign equivalent and the relevant page number(s) of the filings that contain the information on each person that holds a 10 percent or greater beneficial interest. N.J.S.A 52:25-24.2.

**CERTIFICATION**

I, the undersigned, certify that I am authorized to execute this certification on behalf of the Bidder/Proposer, that the foregoing information and any attachments hereto, to the best of my knowledge are true and complete. I acknowledge that the New Jersey Turnpike Authority is relying on the information contained herein, and that the Bidder/Proposer is under a continuing obligation from the date of this certification through the completion of any contract(s) with the New Jersey Turnpike Authority to notify the New Jersey Turnpike Authority in writing of any changes to the information contained herein; that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification. If I do so, I will be subject to criminal prosecution under the law, and it will constitute a material breach of my agreement(s) with the New Jersey Turnpike Authority, permitting the New Jersey Turnpike Authority to declare any contract(s) resulting from this certification void and unenforceable.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
FEIN/SSN

**EXHIBIT D**  
**State Contractor Political Contributions Compliance**  
**Public Law 2005, Chapter 51 and Executive Order 117**

In order to safeguard the integrity of State government procurement by imposing restrictions to insulate the award of State contracts from political contributions that pose the risk of improper influence, purchase of access, or the appearance thereof, Executive Order 134 (McGreevey) was signed on September 22, 2004 and became effective October 15, 2004. EO134 was applicable to all State agencies, the principal departments of the executive branch, any division, board, bureau, office, commission within or created by a principal executive branch department, and any independent State authority, board, commission, instrumentality or agency. EO134 was superseded by P.L. 2005, c. 51, signed into law on March 22, 2005 (“Chapter 51”). In September 2008, Executive Order 117 (Corzine) was signed and became effective November 15, 2008. EO117, which applies only prospectively, extends Chapter 51’s political contribution restrictions by expanding the definition of “business entity” to include, for example, more corporate shareholders and sole proprietors. EO117 and Chapter 51 contain restrictions and reporting requirements that will necessitate a thorough review of their provisions by bidders.

Pursuant to the requirements of Chapter 51 and EO117, the terms and conditions set forth in this Exhibit are material terms of any contract entered into by the Authority.

**DEFINITIONS**

For the purpose of this Exhibit, the following shall be defined as follows:

- a) “**Contribution**” – means a contribution reportable by the recipient under the New Jersey Campaign Contributions and Expenditures Reporting Act, P.L. 1973, c. 83, N.J.S.A. 19:44A-1 et seq., and implementing regulations set forth at N.J.A.C. 19:25-7 and N.J.A.C. 19:25-10.1 et seq., made on or after October 15, 2004. As of January 1, 2005, contributions in excess of \$300 are reportable.
  
- b) “**Business Entity**” – means any natural or legal person; business corporation (and any officer, person, or business entity that owns or controls 10% or more of the corporation’s stock); professional services corporation (and any of its officers or shareholders); limited liability company (and any members); general partnership (and any partners); limited partnership (and any partners); in the case of a sole proprietorship: the proprietor; a business trust, association or any other legal commercial entity organized under the laws of New Jersey or any other state or foreign jurisdiction, including its principals, officers, or partners. The definition of a business entity also includes (i) all principals who own or control more than 10 percent of the profits or assets of a business entity; (ii) any subsidiaries directly or indirectly controlled by the business entity; (iii) any political organization organized under section 527 of the Internal Revenue Code that is directly or indirectly controlled by the business entity, other than a candidate committee, election fund, or political party committee; and (iv) if a business entity is a natural person, that person’s spouse, civil union partner or child, residing in the same household, except for contributions by spouses, civil union partners, or resident children to a candidate for whom the contributor is eligible to vote, or to a political party committee within whose jurisdiction the contributor resides.

## **PROHIBITION ON CONTRACTS/BREACH OF EXISTING CONTRACT**

As set forth in Chapter 51 and EO117, the Authority shall not enter into a contract to procure from any Business Entity services or any material, supplies or equipment, or to acquire, sell or lease any land or building, where the value of the transaction exceeds \$17,500, if that Business Entity has solicited or made any contribution of money, or pledge of contribution, including in-kind contributions, to a candidate committee and/or election fund of any candidate for or holder of the public office of Governor or Lieutenant Governor, or to any State, county or municipal political party committee, or legislative leadership committee during specified time periods.

Further, it shall be a breach of the terms of any contract with the Authority for any Business Entity who has been awarded the contract, during the term of the contract or any extension thereof, to:

- (i) make or solicit a contribution in violation of Chapter 51 or EO117;
- (ii) knowingly conceal or misrepresent a contribution given or received;
- (iii) make or solicit contributions through intermediaries for the purpose of concealing or misrepresenting the source of the contribution;
- (iv) make or solicit any contribution on the condition or with the agreement that it will be contributed to a campaign committee or any candidate of holder of the public office of Governor or Lieutenant Governor, or to any State, county or municipal party committee, or legislative leadership committee;
- (v) engage or employ a lobbyist or consultant with the intent or understanding that such lobbyist or consultant would make or solicit any contribution, which if made or solicited by the Business Entity itself, would subject that entity to the restrictions of Chapter 51 or EO117;
- (vi) fund contributions made by third parties, including consultants, attorneys, family members, and employees;
- (vii) engage in any exchange of contributions to circumvent the intent of Chapter 51 or EO117; or
- (viii) directly or indirectly through or by any other person or means, do any act which would subject that entity to the restrictions of Chapter 51 or EO117.

## **CERTIFICATION AND DISCLOSURE REQUIREMENTS**

Prior to the award of any contract or agreement, the Authority shall notify any Business Entity to which it intends to award a contract of the need to submit to the Authority a completed Certification and Disclosure of Political Contributions form, as issued by the State Treasurer. **The intended awardee will receive the applicable form from the Authority's Purchasing Department to be completed and returned to the Authority for submission to the State Treasurer.**



In completing this form, the Business Entity must certify that no contributions prohibited by Chapter 51 or EO117 have been made by the Business Entity and must report all contributions the Business Entity made during the preceding four years to any political organization organized under 26 U.S.C. § 527 of the Internal Revenue Code that also meets the definition of a “continuing political committee” within the meaning of N.J.S.A. 19:44A-3(n) and N.J.A.C. 19:25-1.7. Failure to submit the required forms will preclude award of the contract at issue, as well as future contract opportunities.

Upon approval by the State Treasurer, the Authority will issue a contract. However, if the State Treasurer determines that any contribution or action by a Business Entity poses a conflict of interest in the awarding of the contract or agreement at issue, the State Treasurer shall disqualify the Business Entity from award of such contract.

**Once approved by the State Treasurer, a Business Entity’s Political Contributions Certification is valid for a two (2) year period from the date of approval. If, prior to the award of a contract, the State Treasurer confirms to the Authority that the intended awardee has an approved Certification that will remain valid for the term of the contract, the Authority may waive the requirement that the awardee complete an additional Certification and Disclosure of Political Contributions form.**

Any Business Entity entering into a contract with the Authority is required, on a continuing basis, to report to the Authority any contributions it makes during the term of the contract, and any extension(s) thereof, at the time any such contribution is made. Such reports shall be subject to review by the Authority and the State Treasurer. If the State Treasurer determines that any such contribution poses a conflict of interest, such contribution shall be deemed a material breach of the contract or agreement at issue.

**EXHIBIT E**  
**NEW JERSEY ELECTION LAW ENFORCEMENT COMMISSION**  
**REQUIREMENT FOR DISCLOSURE OF POLITICAL CONTRIBUTIONS**

*All business entities are advised of their responsibility to file on annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000.00 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532 or at [www.elec.state.nj.us](http://www.elec.state.nj.us)*

**DISCLOSURE OF CONTRIBUTIONS TO NEW JERSEY ELECTION LAW  
ENFORCEMENT COMMISSION IN ACCORDANCE WITH N.J.S.A. 19:44A-20.27**

The undersigned Bidder submitting the bid for the goods/services herein hereby acknowledges its responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if in receipt of contracts in excess of \$50,000.00 from public entities in a calendar year. Bidder further acknowledges that business entities are solely responsible for determining if filing is necessary and that all statements contained in said bid and in this certification are true and correct, and made with full knowledge that the New Jersey Turnpike Authority relies upon the truth of the statements contained in said bid and in statements contained in this certification in awarding the contract at issue.

I certify that I am authorized to make the foregoing statements on behalf of the Bidder and 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:\_\_\_\_\_

Bidder : \_\_\_\_\_

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

**EXHIBIT F**  
**SMALL/MINORITY/WOMAN OWNED BUSINESS ENTERPRISE**

If your firm is registered with the State of New Jersey as a Small Business Enterprise (SBE) and/or certified as a Woman Business Enterprise (WBE) or Minority Business Enterprise (MBE), you must send a copy of the Registration/Certification Form(s) with your quotation.

Please check off the gross receipt category of your business if registered as an SBE

SBE CATEGORY 1                      \$0- \$500,000                      \_\_\_\_\_

SBE CATEGORY 2                      \$500,001 thru \$5,000,000                      \_\_\_\_\_

SBE CATEGORY 3                      \$5,000,001 thru \$12,000,000                      \_\_\_\_\_

NOT APPLICABLE                      \_\_\_\_\_

SBE Registration # \_\_\_\_\_

Please check below if applicable

W B E       \_\_\_\_\_       M B E       \_\_\_\_\_

COMPANY \_\_\_\_\_

SIGNATURE \_\_\_\_\_

NAME \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

**EXHIBIT G**  
**VENDOR DISCLOSURE FORM**  
**EXECUTIVE ORDER # 129**

Please be advised that in accordance with Executive Order #129 (2004), the New Jersey Turnpike Authority has developed this form under the policy and procedures directed under this Order. In entering into contracts, the State contracting agencies must consider the requirements of New Jersey's contracting laws, the best interests of the State of New Jersey and its citizens, as well as applicable federal and international requirements.

The State contracting agencies shall ensure that all vendors seeking to enter into any contract in which services are procured on behalf of the State of New Jersey must disclose:

- A. The location by country where services under the contract will be performed; and
- B. Any subcontracting of services under the contract and the location by country where any subcontracted services will be performed.

**THE LOCATION BY COUNTRY WHERE SERVICES UNDER THIS CONTRACT WILL BE PERFORMED:**

Contractor Name: \_\_\_\_\_

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

**Country:** \_\_\_\_\_

Subcontractor #1 Name: \_\_\_\_\_

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

**Country:** \_\_\_\_\_

Subcontractor #2 Name: \_\_\_\_\_

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

**Country:** \_\_\_\_\_

(For additional subcontractors, attach additional copies of this form)

I certify that all information is true and correct to the best of my knowledge.

Signature: \_\_\_\_\_

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

**EXHIBIT G-1**  
**NEW JERSEY TURNPIKE AUTHORITY**  
**DISCLOSURE OF INVESTMENT ACTIVITIES IN IRAN**

NAME OF CONTRACTOR /BIDDER: \_\_\_\_\_

**PART 1: CERTIFICATION**

CONTRACTORS/BIDDERS **MUST COMPLETE** PART 1 BY CHECKING **EITHER BOX**.

***FAILURE TO CHECK ONE OF THE BOXES SHALL RENDER THE PROPOSAL  
NON-RESPONSIVE.***

Pursuant to Public Law 2012, c. 25, any person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract must complete the certification below to attest, under penalty of perjury, that neither the person or entity, nor any of its parents, subsidiaries, or affiliates, is identified on the Department of Treasury's Chapter 25 list as a person or entity engaging in investment activities in Iran. The Chapter 25 list follows this certification and can also be found on the State of New Jersey, Department of Treasury, Division of Purchase and Property website at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Contractors/Bidders **must** review this list prior to completing the below certification. **FAILURE TO COMPLETE THE CERTIFICATION WILL RENDER A CONTRACTOR'S/BIDDER'S PROPOSAL NON-RESPONSIVE.** If the Authority finds a person or entity to be in violation of law, it shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

**PLEASE CHECK THE APPROPRIATE BOX:**

☐ I certify, pursuant to Public Law 2012, c. 25, that neither the contractor/bidder listed above nor any of the contractor's/bidder's parents, subsidiaries, or affiliates is **listed** on the N.J. Department of the Treasury's list of entities determined to be engaged in prohibited activities in Iran pursuant to P.L. 2012, c. 25 ("Chapter 25 List"). I further certify that I am the person listed above, or I am an officer or representative of the entity listed above and I am authorized to make this certification on its behalf. **I will skip Part 2 and sign and complete the CERTIFICATION below.**

**OR**

☐ I am unable to certify as above because the contractor/bidder and/or one or more of its parents, subsidiaries, or affiliates is listed on the Department's Chapter 25 list. I will provide a detailed, accurate and precise description of the activities in Part 2 below and sign and complete the CERTIFICATION below. **Failure to provide such will result in the proposal being rendered a non-responsive and appropriate penalties, fines and/or sanctions will be assessed as provided by law.**

**Part 2: PLEASE PROVIDE FURTHER INFORMATION RELATED  
TO  
INVESTMENT ACTIVITIES IN IRAN**

You must provide a detailed, accurate and precise description of the activities of the bidding person/entity, or one of its parents, subsidiaries or affiliates, engaging in the investment activities in Iran outlined above by completing the requested information below. Please provide thorough answers to each question. If you need to make additional entries, provide the requested information on a separate sheet

Name \_\_\_\_\_ Relationship to Contractor/Bidder \_\_\_\_\_

Description of Activities  
\_\_\_\_\_  
\_\_\_\_\_

Duration of Engagement \_\_\_\_\_ Anticipated Cessation Date \_\_\_\_\_

Contractor/Bidder Contact Name \_\_\_\_\_ Contact Phone Number \_\_\_\_\_

---

**CERTIFICATION  
MUST BE SIGNED BY BIDDER**

I being duly sworn upon my oath, hereby represent and state that the foregoing information and any attachments thereto to the best of my knowledge are true and complete. I attest that I am authorized to execute this certification on behalf of the above referenced person or entity. I acknowledge that the New Jersey Turnpike Authority ("Authority") is relying on the information contained herein and thereby acknowledge that I am under a continuing obligation from the date of this certification through the completion of any contracts with the Authority to notify the Authority in writing of any changes to the answers of information contained herein. I acknowledge that I am aware that it is a criminal offense to make a false statement or misrepresentation in this certification, and if I do so, I recognize that I am subject to criminal prosecution under the law and that it will also constitute a material breach of my agreement(s) with the Authority and that the Authority at its option may declare any contract(s) resulting from this certification void and unenforceable.

FULL NAME (print): \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TITLE:

DATE: \_\_\_\_\_

**EXHIBIT H**  
**NOTICE TO ALL BIDDERS**  
**SET-OFF FOR STATE TAX**

Please be advised that pursuant to P.L. 1995, c. 159, effective January 1, 1996 and notwithstanding any provision of the law to the contrary, whenever any taxpayer, partnership, or S corporation under contract to provide goods or services or construction projects to the State of New Jersey or its agencies or instrumentalities, including the legislative and judicial branches of State government, is entitled to payment for those goods or services or construction projects and at the same time the taxpayer, or the partner or shareholder of that entity, is indebted for any State tax, the Director of the Division of Taxation shall seek to set-off that taxpayer's, partner's or shareholder's share of the payment due to the taxpayer, partnership, or S corporation. The amount of set-off shall not allow for the deduction of any expenses or other deductions which might be attributable to a partner or shareholder subject to set-off under this act. No payment shall be made to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects pending resolution of the indebtedness.

The Director of Division of Taxation shall give notice of the set-off to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects and provide an opportunity for a hearing with thirty (30) days of such notice under the procedures for protests established under N.J.S.A. 54:49-18. No requests for conference, protest or subsequent appeal to the Tax Court from any protest under this section shall stay the collection of the indebtedness. Interest that may be payable by the State pursuant to P.L. 1987, c. 184, N.J.S.A. 52:32-32 et seq. to the taxpayer, the provider of goods or services, or the contractor or subcontractor of construction projects shall be stayed.

"I HAVE BEEN ADVISED OF THIS NOTICE."

COMPANY\_\_\_\_\_

SIGNATURE \_\_\_\_\_

NAME\_\_\_\_\_

TITLE \_\_\_\_\_

DATE\_\_\_\_\_

**EXHIBIT I**

**LETTER OF SURETY**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned

\_\_\_\_\_ as PRINCIPAL: and

\_\_\_\_\_ as Surety and duly qualified to transact business in the State of New Jersey, are hereby held and firmly bound unto the New Jersey Turnpike Authority in the sum by which the amount of the Contract, covering the attached proposal, properly and lawfully executed by and between the New Jersey Turnpike Authority and some third party, may exceed the amount bid by the Principal for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed, this \_\_\_\_\_ day of \_\_\_\_\_ A.D.

Two Thousand and \_\_\_\_\_.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the Principal has submitted to the New Jersey Turnpike Authority a certain Proposal, attached hereto and hereby made a part hereof, to enter into a Contract in writing for Contract No. \_\_\_\_\_ of the New Jersey Turnpike Authority;

NOW, THEREFORE,

(a) If said Proposal shall be rejected by the New Jersey Turnpike Authority, or in the alternative,

(b) If said Proposal shall be accepted by the New Jersey Turnpike Authority, and the Principal shall duly execute the Contract Agreement and furnish the required Contract Bond, within the stipulated time,

Then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Authority may accept such Proposal; and said Surety does hereby waive notice of any such extension.



IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

[Corporate Seal]

\_\_\_\_\_  
\_\_\_\_\_

WITNESS OR ATTEST:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Principal

[Corporate Seal]

\_\_\_\_\_  
\_\_\_\_\_

WITNESS OR ATTEST:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Surety

**EXHIBIT J**

**PROPOSAL BOND**

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned

\_\_\_\_\_ as PRINCIPAL: and

\_\_\_\_\_ as Surety and duly  
qualified to transact business in the State of New Jersey, are hereby held and firmly  
bound unto the New Jersey Turnpike Authority in the sum of

\_\_\_\_\_ Dollars and

\_\_\_\_\_ Cents \$\_\_\_\_\_) for the payment  
of which, well and truly to be made, we hereby jointly and severally bind ourselves, our  
heirs, executors, administrators, successors and assigns.

Signed, this \_\_\_\_\_ day of \_\_\_\_\_ A.D.

Two Thousand and \_\_\_\_\_.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the  
Principal has submitted to the New Jersey Turnpike Authority a certain Proposal,  
attached hereto and hereby made a part hereof, to enter into a Contract in writing for  
Contract No. \_\_\_\_\_ of the New Jersey Turnpike Authority;

NOW, THEREFORE,

(a) If said Proposal shall be rejected by the New Jersey Turnpike Authority, or  
in the alternative,

(b) If said Proposal shall be accepted by the New Jersey Turnpike Authority and  
the Principal shall duly execute the Contract Agreement and furnish the required Contract  
Bond, within the stipulated time,

Then this obligation shall be void, otherwise the same shall remain in force and  
effect; it being expressly understood and agreed that the liability of the Surety for any and  
all claims hereunder shall in no event, exceed the amount of this obligation as herein  
stated.

The Surety, for value received, hereby stipulates and agrees that the obligation of  
said Surety and its bond shall be in no way impaired or affected by any extension of the  
time within which the Authority may accept such proposal; and said Surety does hereby  
waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

\_\_\_\_\_  
[Corporate Seal]

\_\_\_\_\_  
WITNESS OR ATTEST

\_\_\_\_\_  
Principal

\_\_\_\_\_  
[Corporate Seal]

\_\_\_\_\_  
WITNESS OR ATTEST:

\_\_\_\_\_  
Surety

**EXHIBIT K**  
**CONTRACT BOND**

KNOW ALL MEN BY THESE PRESENTS:

That we, \_\_\_\_\_

Duly organized under the Laws of the \_\_\_\_\_  
(An individual, a partnership, a corporation)

State of \_\_\_\_\_ and having a usual place of \_\_\_\_\_

\_\_\_\_\_ at \_\_\_\_\_ as

Principal, and \_\_\_\_\_ a

corporation duly organized under the Laws of the State of \_\_\_\_\_ and duly authorized to do business in the State of New Jersey and having a usual place of business at

\_\_\_\_\_, as Surety, are holden and stand firmly

bound and obligated unto the New Jersey Turnpike Authority, as Obligee, in the sum of

\_\_\_\_\_ lawful money of the United States of America, to and for the

true payment whereof we bind ourselves and each of us, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

The condition of the above obligation is such that whereas, the above named

Principal did on the \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_\_\_, enter into a contract with

the Obligee, New Jersey Turnpike Authority generally described as follows: \_\_\_\_\_  
\_\_\_\_\_ which said contract is made part of this Bond the same as though set forth herein.

Now, if the said Principal shall well and faithfully do and perform the things agreed by the Principal to be done and performed according to the terms of said contract, and shall pay all lawful claims of laborers and other beneficiaries as defined by N.J.S. 2A:44-143 for labor performed or materials, provisions, provender of other supplies, or teams, fuels, oils, implements or machinery furnished, used or consumed in the carrying forward, performing or completing of said contract, we agreeing and assenting that this undertaking shall be for the benefit of laborers and any beneficiary as defined in N.J.S. 2A:44-143 having a just claim, as well as, for the Obligee herein, then this obligation shall be void; otherwise, the same shall remain in full force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall in no event exceed the penal amount of this obligation as herein stated.

The said Surety hereby stipulates and agrees that no modifications, omissions or additions in or to the terms of the said contract or in or to the plans or specifications therefore shall in anywise affect the obligation of said Surety on its bond, and the Surety hereby waives notice of same.

IN WITNESS WHEREOF, we have hereunto set our hands and seals

this \_\_\_\_\_ day of \_\_\_\_\_ in the year 200\_\_\_\_\_.

WITNESS OR ATTEST

\_\_\_\_\_  
[CORPORATE SEAL]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
PRINCIPAL

WITNESS OR ATTEST:

\_\_\_\_\_  
[CORPORATE SEAL]

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
SURETY

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

Purchase Requisition # \_\_\_\_\_

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**

## **EXHIBIT M**

### **INSTRUCTIONS FOR DIRECT PAYMENTS (ACH CREDITS)**

**PLEASE PRINT ALL ENTRIES** (except for signature)

**COMPANY NAME** – Enter your company’s name as registered with the New Jersey Turnpike Authority

**NJTA VENDOR ID NUMBER** – Enter the number assigned to your company by the New Jersey Turnpike Authority\*

**TELEPHONE NUMBER** - Enter your telephone number, including area code

**EMAIL ADDRESS** - Enter your email address. You will receive detailed notification of ACH payment

**DEPOSITORY NAME** – Enter the name of your depository bank/financial institution

**BRANCH** - Enter the name of your bank’s branch office/location

**CITY/STATE/ZIP CODE** – Enter your bank’s address

**ROUTING NUMBER (DFI ID)** – Enter your bank’s routing number. This is your bank’s nine position American Banking Association number, also known as the bank transit code

**ACCOUNT NUMBER** – Enter your checking or savings account number. This is a variable length field

**NAME AND TITLE**– Enter the name and title of the person who has the authority to accept ACH payment as an alternative to receiving check payment for your company

**AUTHORIZED SIGNATORY** – Enter your signature

If you require assistance, please call Toni Hoffman at (732) 750-5300, ext. 8080 or email her at [achvendor@turnpike.state.nj.us](mailto:achvendor@turnpike.state.nj.us)

Following completion, forward the form (attached with the required **original** voided check or bank letter) to: New Jersey Turnpike Authority, ATTN: Accounts Payable, Finance Department/AP, PO Box 5042, Woodbridge, NJ 07095-5042 **or** you may scan and email the completed form (with the required **original** voided check or bank letter) to [achvendor@turnpike.state.nj.us](mailto:achvendor@turnpike.state.nj.us)

New Jersey Turnpike Authority  
ATTN: Accounts Payable, Finance Department  
PO Box 5042  
Woodbridge, NJ 07095-5042

## AUTHORIZATION AGREEMENT FOR DIRECT PAYMENTS (ACH CREDITS)

Company Name \_\_\_\_\_ NJTA Vendor ID  
# \_\_\_\_\_

Telephone Number \_\_\_\_\_ Email  
Address \_\_\_\_\_

I (we) hereby authorize New Jersey Turnpike Authority (NJTA) to initiate ACH credit entries to my (our) ☐ Checking Account / ☐ Savings Account (select one) indicated below at the depository financial institution named below, hereafter called DEPOSITORY.

I (we) acknowledge that that origination of ACH transactions to my (our) account must comply with the provisions of U.S. law.

Depository Name \_\_\_\_\_ Branch  
\_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip  
\_\_\_\_\_

Routing Number (DFI ID) \_\_\_\_\_ Account Number  
\_\_\_\_\_

This authorization is to remain in full force and effect until New Jersey Turnpike Authority (NJTA) has received written notification from me (or either of us) of its termination in such time and in such manner so as to afford New Jersey Turnpike Authority and DEPOSITORY a reasonable opportunity to act on it.

Name(s) \_\_\_\_\_ Title  
\_\_\_\_\_

(please print)

Date \_\_\_\_\_ Authorized

Signatory \_\_\_\_\_

**PLEASE INCLUDE AN ORIGINAL VOIDED CHECK OR BANK LETTER  
WITH THIS FORM**

For NJTA use only:

Received by: \_\_\_\_\_ Date: \_\_\_\_\_