

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

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

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

REQUEST FOR BIDS

TITLE: MASON DUMP TRUCK

BID NO: R-98782 - REVISED

DUE DATE: March 27, 2013

TIME: 11:00 AM

SUBMIT BIDS BEFORE THE DUE DATE AND TIME TO THE ABOVE ADDRESS
BIDDER INFORMATION (PLEASE PRINT)

NAME OF BIDDING ENTITY

ADDRESS

CITY, STATE AND ZIP CODE

E-MAIL ADDRESS

REPRESENTATIVE TO CONTACT-NAME & TITLE

TELEPHONE NO.

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

FAX NO

WE HAVE DOWNLOADED THE BID FROM THE AUTHORITY WEBSITE

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FAX NO.

BUSINESS CORPORATION _____ PARTNERSHIP _____ INDIVIDUAL

OTHER (SPECIFY): _____

BIDDER GUIDELINES/CHECKLIST

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

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

REQUEST FOR BIDS
THIS IS NOT AN ORDER

Sealed Bid R-98782-Revised will be received at the New Jersey Turnpike Authority Administrative Offices, 581 Main St., Woodbridge, New Jersey, as stated on the cover page at which time and place said bid will be publicly opened and read. Bidders mailing bids should allow for their normal mail delivery time to ensure timely receipt of their Public Bids. Please be advised that using overnight/next-day delivery service does not guarantee overnight/next-day deliveries to our location. The Authority will not be responsible for any bid not being received by the required date and time.

INTENTION

It is the intention of the Authority to issue Purchase Order(s) for the purchase of ONE (1) **MASON DUMP TRUCK AS PER ATTACHED SPECIFICATIONS**. Items purchased under this Contract will be delivered as directed by the Authority. Please contact Richard Bava with any questions regarding this procurement at 732-750-5300 X 8636.

BID SHEET INSTRUCTIONS

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

Only written interpretations or corrections issued by the Director of Purchasing by Addendum shall be binding.

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

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

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

Bidders must quote only one price per line item. If a bidder quotes multiple prices per line item, the bid proposal may be rejected. All items are to be bid FOB Destination. All shipping, handling, and other costs should be considered in the bid price. The Authority will purchase amounts of any given item as needed, at the sole discretion of the Authority and shall not be bound by any quantities listed. The Authority reserves the right to make reasonable increases to line item quantities. All items are to be bid FOB Destination. All shipping, handling, and other costs should be considered in the bid price.

Contract award will be made to the lowest, responsible bidder.

R-98782 Revised

BID PRICE FORM

ITEM	QUAN.	UNIT OF MEAS.	DESCRIPTION	UNIT PRICE	TOTAL BID PRICE
1	1	EACH	MASON DUMP TRUCK AS PER ATTACHED SPECIFICATIONS.	\$	\$

Contract award will be made to the lowest, responsible bidder.

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

DELIVERY DATE _____, to sites as specified in the bid specifications.
Discount Terms Based On Net 30 Days Only.

NEW JERSEY TURNPIKE AUTHORITY

AUTHORIZED SIGNATURE

Name of Company and / Authorized Signature of Bidder

SIGNATURE PAGE

ADDENDA / INQUIRIES: COMPLETE (if applicable) BEFORE SUBMITTING BID:
Receipt of Addendum / Inquiries # _____ dated _____ is hereby
acknowledged.
Receipt of Addendum / Inquiries # _____ dated _____ is hereby
acknowledged.

CHECK BOX IF NO ADDENDA/INQUIRY ISSUED

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

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

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

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

AUTHORIZED SIGNATURE: _____

Print Name and Title: _____

Bidding Entity: _____

Address: _____

City, State, Zip: _____

Telephone #: _____ Fax: _____

Date: # _____

NEW JERSEY TURNPIKE AUTHORITY

NO RESPONSE BID SURVEY

BID REQUISITION NUMBER: R-98782 - Revised

BID TITLE: MASON DUMP TRUCK

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, for R-98782 - Revised

MASON DUMP TRUCK

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 required 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 in the two subsequent Model Years, 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, Purchasing 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 is 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: 2-CUBIC YARD MASON DUMP TRUCK AND ACCESSORIES

Quantity	Description	Maximum Delivery Date
1	2-Cubic Yard Mason Dump Truck And Accessories	150 Days After Receipt of Order

SPECIFICATIONS:

MDC-2013 MASON DUMP CHASSIS

MDB-2013 MASON DUMP BODY WITH FOLD-DOWN SIDES

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

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

ERRORS AND OMISSIONS: Inadvertent omissions or errors in the attached specifications must be brought to the attention of the New Jersey Turnpike Authority's Director of Purchasing at 732-750-5300 before bid submission date. If the bidder discovers any errors or omissions in the work undertaken and executed by them, they shall also immediately notify Peter Perperas (Project Supervisor) at 732-442-8600 ext. 2868 who shall promptly verify the same. 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.

PILOT MODEL: Questions, which arise before or during the preparation of the pilot model, shall be addressed in writing via e-mail from the vendor to Peter Perperas (Project Supervisor), perperas@turnpike.state.nj.us at the New Jersey Turnpike Authority on a not to delay basis.

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 Telegraph Hill Maintenance Facility located at Garden State Parkway Exit 116 in Holmdel, NJ 07733.

DELIVERY INSTRUCTIONS:

- A. Vendor must contact Peter Perperas (Project Supervisor) at 732-442-8600 ext. 2868 for authorization to schedule date and time prior to delivery. Any work that needs to be completed including all pre-delivery preparation shall be done prior to delivery.
Deliveries shall be made to the NJTA Garden State Parkway Division 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 delivery.
- D. The following administrative package **must** accompany all deliveries:
- Certificate of Origin: stamped "Sales Tax Satisfied" and shall be made out to New Jersey Turnpike Authority, 581 Main St. 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.

- Delivery of all units fully completed and fully compliant shall be made no later than one hundred fifty (150) days after receipt of Purchase Order.
- In the event the vendor fails to timely deliver the units, the vendor shall pay the Authority liquidated damages in the amount of \$193.60 per unit for each calendar day (**No Exceptions for Liquidated Damages**) beyond the maximum delivery date, as per Dataquest's Rental Rate Blue Book for Construction Equipment.

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

F. Deliveries made directly from the manufacturer to the Authority shall **not** be acceptable.

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 coverage's 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 Telegraph Hill Central Maintenance Facility in Holmdel, NJ 07733 or 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. The vendor shall also have a program to include an in-house warranty. 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.**

SERVICE PARTS IDENTIFICATION FORM: Vendor shall complete the entire Service Parts Identification Form, where applicable for chassis section. Replacement parts shall be available to the general using trade, parts shall not be proprietarily manufacturer protected. **Failure to complete form may result in rejection of bid.**

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) designated site with a minimum of eight (8) hours training scheduled 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.

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 Central Shops 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. This facility will be required to establish an in-house warranty program and provide all warranty work related to the equipment in the bid proposal. The bidder shall submit the locations, names and telephone numbers of people who are authorized to service the equipment or who can be reached for emergency service.

Location _____

Phone # _____

Contact _____

Name & Title

**SPECIFICATIONS: MDC-2013
MASON DUMP CHASSIS**

INTENT: The intent of this specification is to describe and govern the purchase of a 2013 or newer model 2-wheel drive cab and chassis with dual rear wheels and a two (2) cubic yard steel dump body with 100 gallon heated water tank and accessories. The unit shall be new and of the latest design and be in current production at time of submission of bid. All standard and optional equipment shall be Original Equipment Manufacturer (OEM), when available.

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.

GENERAL:	COMPLY	
	YES	NO
A. 2013 or newer model 2-wheel drive cab and chassis with dual rear wheels and a two (2) cubic yard steel dump body with 100 gallon heated water tank and accessories.		
B. The unit shall be new and of the latest design and be in current production at time of submission of bid.		
C. Bidders must provide detailed specifications, technical sheets, pictures, and brochures describing exact vehicle/equipment that shall be provided.		
D. All standard and optional equipment shall be Original Equipment Manufacturer (OEM), when available.		
CHASSIS:		
A. 13,000 lbs. G.V.W.R.		
B. 160" wheelbase.		
C. 84" cab to axle.		
D. After frame: cut to body requirement.		
ENGINE:		
A. 6.0 liter gas V-8 engine.		
B. 360 minimum cubic inch displacement.		

C. 300 horsepower.		
ELECTRICAL:		
A. 12-volt heavy-duty maintenance free battery, 700 C.C.A.		
B. Heavy-duty 160-amp alternator.		
STEERING:		
A. Power steering.		
B. Tilt steering.		
TRANSMISSION:		
A. Heavy-duty 4-speed automatic.		
B. Synthetic transmission fluid shall be used and installed from factory.		
FRONT SUSPENSION:		
A. Independent torsion bar.		
FRONT AXLE:		
A. 4,800 lbs.		
FRONT SHOCKS:		
A. Heavy-duty type.		
REAR SUSPENSION:		
A. Multi-leaf springs.		
REAR AXLE:		
A. 9,750 lbs.		
B. Heavy-duty automatic locking differential.		
BRAKES:		
A. 4-wheel antilock.		
B. Manufacturer's standard parking brake.		
C. Integrated factory installed trailer brake controller.		
TIRES:		
A. Steel belted tubeless black wall radial.		
B. LT 235/80R 17E front and rear.		
C. One (1) spare tire mounted and balanced same type and size on vehicle.		
CAB:		
A. Conventional type with tinted glass all around.		
B. Rubber full floor covering.		
C. Instruments/interior/reading and dome lights.		
D. Instrumentation: <ul style="list-style-type: none"> • Speedometer • Odometer w/trip odometer • Fuel level • Voltmeter • Engine temperature • Oil pressure • Hour meter • Tachometer 		
E. Fuel tank capacity: 23-gallons.		

F. Horn: dual electric.		
G. Dash-mounted dual power outlets.		
H. Windshield wipers/washers: intermittent with wet arm pulse.		
I. Sun visors: left/right side.		
J. Arm rests: padded left/right side.		
K. Seatbelts: provide all positions.		
L. Air Bags: provide driver & passenger.		
M. Seats: standard 40/20/40 vinyl seats.		
N. Fresh air heater/defroster.		
O. All weather air conditioning.		
P. Am/fm stereo radio with speakers and antenna.		
Q. Dual power outlets.		
R. Exterior mirrors: manufacturer's standard to accommodate body installation.		
S. Safety reflector kit.		
T. 2½ lb. dry chemical "UL" listed fire extinguisher suitable for ABC class fires.		
LIGHTS AND REFLECTORS:		
A. Comply with N.J. State and Federal Regulations.		
B. Use LED where applicable.		
C. Roof marker lamps.		
BACK-UP ALARM:		
A. Preco 45-AA or approved equivalent.		
MULTI-HITCH:		
A. Class III receiver shall be installed by Original Equipment Manufacturer.		
B. Pintle hook receiver mount, black powder coated finish, solid shank, 11¾" length, 8-mounting holes.		
C. 15-ton regular pintle hook, black powder coated finish mounted to pintle hook receiver mounted on ½" steel hitch plate and shall include safety pin and retention chain.		
TRAILER SOCKET:		
A. 7-round pin trailer die-cast socket wired per SAE code: J560B (Cole Hersee part #12063 female or approved equivalent).		
B. See Specifications: 7PTC.		
C. Die-cast socket shall include a back-sided protective boot.		
REAR STRIPING TREATMENT:		
A. Supply ⅛" aluminum plate striped riveted to tailgate. <u>Note:</u> Aluminum plate shall not impede with quick release handle on tailgate. There shall be enough clearance between striping plate and quick release handle to safely operate tailgate without causing injury. Edges of striping plate shall be smoothed or rolled in the area of the quick release handle on tailgate.		
B. Yellow and black stripes shall be 6" wide.		
C. Diamond Grade Fluorescent VIP Reflective Sheeting-3981 Yellow. Scotchcal 3650-12 Black.		

D. Diamond Grade Conspicuity Marking 981-326 Red 6", White 6", and both 2" wide.		
E. See Specification: Sketch "NL".		
F. Diamond Grade Conspicuity Marking 981-326 red/white shall be attached directly onto two (2) areas on both sides of the body (front to rear). NJTA Inspector shall determine exact location.		
<u>PAINING:</u>		
<u>A. DuPont Dulux Omaha Orange Enamel # 93-082 or equivalent.</u>		
B. The paint shall be applied in a two-step process with the orange base coat and additional polyurethane overcoat.		
C. Hood shall be painted flat black.		
MANUALS:		
A. The following manuals shall be supplied at time of delivery for each vehicle ordered: <ul style="list-style-type: none"> • Operating-2 • Maintenance-1 • Repair-1 • Parts-1 		
WARRANTY:		
A. Cab/chassis shall be guaranteed to be free from defects in materials, design and workmanship for three (3) years/36,000 miles-bumper to bumper and five (5) years/60,000 miles-powertrain from time of acceptance by the New Jersey Turnpike Authority.		
LIGHTBAR:		
A. See Specifications: LB-SP-RS.		
TOOLBOXES:		
A. Saddle type: two (2) toolboxes shall be installed on chassis behind cab (one on street side and one on curbside). The toolboxes shall be a minimum of 18" x 18" x 30". They shall be located on the chassis below the body. They shall be RC series M black or approved equal. All toolboxes shall be lockable with four (4) sets of keys/locks shall be keyed alike.		
B. Full-width: one (1) full-width toolbox mounted on the chassis behind the cab underneath the water tank. This full-width toolbox shall have access doors on both sides that shall be lockable.		
C. All toolboxes shall be keyed alike.		

SPECIFICATIONS: MDB-2013
MASON DUMP BODY WITH FOLD-DOWN SIDES

BIDDER’S INSTRUCTIONS

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

GENERAL:	COMPLY	
	YES	NO
A. Two (2) cubic yard, high strength 8'6" long steel dump body mounted on the chassis described in specification.		
B. The body shall have drop down sides on both sides with two (2) underbody toolboxes one (1) on each side of the chassis located behind the cab.		
C. There shall also be a full-width toolbox mounted to the frame located underneath the water tank.		
D. The tailgate shall have a single-lever quick release handle for lowering the tailgate.		
E. The unit shall be new and of the latest design and be in current production at time of submission of bid.		
F. Bidders must provide detailed specifications, technical sheets, pictures, and brochures describing exact unit/equipment that shall be provided.		
G. All standard and optional equipment shall be Original Equipment Manufacturer (OEM), when available.		
CAPACITY:		
A. The basic body shall have a cargo carrying volume of at least two (2) cubic yards.		
BODY DIMENSIONS:		
A. Inside length: 8'.		
B. Inside width: 84".		
C. Side height: 13" drop down type.		
D. Front height: 23" (shall not have a window cut out).		
E. Tailgate height: 19".		
F. Capacity: 2/3 cubic yards.		

BODY CONSTRUCTION:		
A. The body and tailgate shall be constructed of at least 10-gauge steel.		
SIDES:		
A. Both street side and curbside shall be hinged so the sides drop down.		
B. The sides shall have full box type sections on the top and shall be able to lock in the "up" position.		
TAILGATE:		
A. The tailgate shall have a single lever quick-release handle.		
B. Both sides and tailgate shall be constructed of a minimum of 10-gauge high grade steel with double wall construction, fully boxed, continuously welded with two (2) vertical braces and shall have grease lubricated sides and tailgate hinge pins.		
C. The tailgate shall be double acting with forward controls.		
D. The tailgate brace slope shall be at least 45°.		
E. The perimeter of the tailgate shall have a brace of at least 3½" in width.		
F. The tailgate hinge pin diameter will be a minimum of 1¼" and shall have grease lubricated fittings on the tailgate hinge pins.		
FLOOR:		
A. The floor shall be a minimum of 7-gauge steel and be flat full width.		
TOP RAIL:		
A. The top rail shall have a width of at least 3".		
SIDE BRACES:		
A. There shall be two (2) boxed side braces located on each side.		
FRONT CORNER POSTS:		
A. The corner posts shall be fully boxed with a 6" minimum vertical facing.		
REAR CORNER POSTS:		
A. The corner posts shall be fully boxed with a 10" minimum vertical facing.		
WELDING:		
A. The full rear apron shall be welded to corner posts.		
B. All continuous welded body shell.		
CROSS MEMBERS:		
A. The cross members shall be at least 3" x 4 lb/ft structural channel steel and shall not be spaced on more than 12" centers.		
LONG MEMBERS:		
A. The long members shall be at least 6" x 8.2 lb. structural channel.		
LADDER:		
A. One (1) sturdy cable ladder, 12" wide shall be securely attached to the curb side rear corner of the body.		
B. The ladder shall be fabricated using at least 1" steel cable for the frame with a minimum of 1⅛" steel grip strut steps.		
C. The bottom step of the ladder shall be no more than 24" off the ground.		
D. The step at the rub rail shall be at least 2" wide steel grip strut and be self-cleaning.		

E. A body safety prop shall be provided and installed.		
MUD FLAPS:		
A. Rubber mud flaps shall be provided and installed by the vendor for both front and rear wheels. (No advertisements)		
LIGHTING:		
A. All FMVSS-108 light and reflectors.		
B. LED shall be used where applicable.		
RUST PROOFING:		
A. Rust proof complete truck and body.		
B. The rust proofing material shall be Ziebart, military specification MIL-C-0083933A. If substituting, the material must meet military specifications MIL-C-0083933A and have a warranty equal to Ziebart's.		
C. The application of rust proofing material must be done by a facility whose primary business is vehicle and equipment rust proofing.		
D. Rustproof dump body's complete underside and all enclosed, boxed-in and double-paneled areas including tailgate.		
RUST PROTECTION:		
A. Drill drain holes in all pockets, reinforcements and corner posts. Pockets and corner posts shall be rust proofed through drain holes.		
PAINTING:		
A. After the primer sealer, DuPont Dulux Orange Enamel # 93-082 or equal shall be used.		
B. The paint shall be applied in a two-step process with the orange base coat and additional polyurethane overcoat.		
REAR STRIPING:		
A. Supply 1/8" aluminum plate striped riveted to tailgate. Note: Aluminum plate shall not impede with quick release handle on tailgate. There shall be enough clearance between striping plate and quick release handle to safely operate tailgate without causing injury. Edges of striping plate shall be smoothed or rolled in the area of the quick release handle on tailgate.		
B. Yellow and black stripes shall be 6" wide.		
C. Diamond Grade Fluorescent VIP Reflective Sheeting-3981 Yellow. Scotchal 3650-12 Black.		
D. Diamond Grade Conspicuity Marking 981-326 Red 6", White 6", and both 2" wide.		
E. See Specification: Sketch "NL".		
F. Diamond Grade Conspicuity Marking 981-326 red/white shall be attached directly onto two (2) areas on both sides of the body (front to rear). NJTA Inspector shall determine exact location.		
HOIST REQUIREMENTS:		
A. The hoist shall be compatible with the body, listed for the application and rated at not less than 8-ton capacity.		
B. The sub frame shall be made from high strength steel with heavy-duty mounting plates.		

C. It shall be a direct lift type hoist.		
D. The dump angle on the hoist shall be at least 50°.		
E. Hoist shall be electric hydraulic with push button controls.		
F. It shall be double acting-power up and power down.		
G. The hoist shall be NTEA (National Truck Equipment Association) certified.		
WATER TANK:		
A. 100-gallon water tank made of polypropylene at least 3/8" thick shall be installed above the full width of the toolbox mounted directly behind the cab.		
B. The tank shall be mounted in a cushioned saddle structural steel frame.		
C. It shall also be mounted to positively prevent any vibration, slippage or movement and shall be centered left to right.		
D. The dimensions of the tank shall be approximately 81" wide x 24" high x 18" deep.		
E. The truck engine shall heat the water in the tank to at least 100° F by the use of a heat exchanger that shall be mounted under the hood.		
F. A 12-volt circulation pump shall also be installed in one of the toolboxes that are attached to the frame. (The circulation pump shall be mounted on the same side as the heat exchanger).		
G. The circulation pump shall have a detachable partition protecting the pump located in the toolbox so when tools are put in they will not damage the pump.		
H. The pump shall also have an external drain.		
I. A float switch shall be installed in the tank to shut the pump off when low water level is reached as not to burn out pump.		
J. There shall be at least two (2) fill openings with lids 5" in diameter on top of the tank and 2 outlet ports/drains 1 1/4" in diameter that shall be located approximately 8" below the top of the chassis frame rails.		
K. Both drain ends shall have a "T" with a spigot at one opening of the "T" and piping to the circulation pump at the other opening.		
L. The pump, motor, and all piping shall be properly braced, supported and protected to avoid damage.		
WATER PUMP:		
A. A water pump shall be installed to pump water from the water tank.		
B. The pump shall be capable of pumping at least 8 gpm at 18 psi at a pump speed of 1,800 rpm.		
C. The pump shall have 1/2" FPT ports.		
D. The pump shall be mounted below the tank to insure a flooded suction line.		
E. The pump shall be driven by a 12-volt DC electric motor with an output of at least 1/3 hp at 1,800 rpm.		
F. The motor shall be driven off of the electrical generating system of the truck.		
G. The suction line of the pump shall be equipped with a removable strainer.		

H. The pressure line shall be piped to a spigot with 3/4" garden hose threaded outlet.		
I. The spigot shall be mounted under the body at curbside front corner of the body next to the under body toolbox.		
J. The pump, motor and all piping shall be properly braced, supported and protected to avoid damage and adverse weather conditions.		
MANUALS:		
A. The following manuals shall be supplied at time of delivery for each vehicle ordered: <ul style="list-style-type: none"> • Operating-2 • Maintenance-1 • Repair-1 • Parts-1 		

SPECIFICATIONS: LB-SP-RS
LIGHTBAR, SWITCH PANEL, AND REAR STROBES

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.

LIGHTBAR:	<u>COMPLY</u>	
	YES	NO
A. The lightbar shall be a Whelen Engineering Delta Model D12HA50NJTA or approved equivalent.		
B. Furnish and install a two-level, aerodynamically designed all-light vehicular lightbar and mounting hardware for all trucks specified in this bid package.		
C. The lightbar shall consist of primary warning in the upper section and secondary warning in the lower section.		
D. The lightbar shall be certified as meeting SAE J845 Class I warning light specifications.		
E. Dimensions: <ul style="list-style-type: none"> • Length.....49¾" • Width.....16¾" • Height.....5½" • Weight.....48 lbs. 		
PRIMARY WARNING (UPPER LEVEL):		
A. Two (2) outboard independent motor driven rotating light assemblies. Each rotating reflector shall produce 175 minimum flashes per minute. The candlepower of each rotating light shall be 72,000 cp.		
B. Two (2) inboard independent motor driven rotating light assemblies shall feature a double ball bearing design for quiet, long life and superior performance. Each shall produce a 175 minimum flashes per minute. The candlepower of each rotating light shall be 72,000 cp.		

approved equivalent.		
B. Switch control panel shall be designed to accommodate six (6) circuit breaker rocker switches with legend inserts above each switch for various lightbar devices and back lighting.		
C. The panel dimensions shall be approximately 2 ³ / ₈ " high x 6" wide x 5 ³ / ₈ " deep.		
D. The switch assembly shall be supplied with seventy-two (72) legend tabs to choose from (switches shall be rated at a minimum of 25 amps @ 12 V.D.C.). Switch Designation/Function: <ul style="list-style-type: none"> • Switch one..... Rotating Lights • Switch two..... Front/Rear Light Bar Flashing LED's • Switch three.....Rear Strobe • Switch four.....Take-Down Lights • Switch five.....Left Alley Light • Switch six.....Right Alley Light 		
E. A 40 amp circuit breaker switch shall protect the rotating light circuit (switch one). The remaining circuits (switches two thru six) shall be a minimum of 25 amp circuit/breaker type switches.		
F. The switch module shall be designed to be installed on a vehicle mounting surface. The switch module shall be located so the vehicle and controls can be operated safely under all driving conditions.		
WIRING:		
A. Use 14 and 16 AWG wire and connect leads to the applicable lightbar component.		
B. Use 8 AWG wire and connect the ground lead to a reliable vehicle ground. One (1) master ground wire shall be used. All switching shall be done via 14 and 16 AWG wires.		
C. Use 18 AWG wire and connect the back lighting circuit to the lead vehicle instrument light circuit.		
D. The power for the switch module panel shall be obtained from a vehicle power distribution center or by an 80 amp master circuit breaker. The center or master circuit breaker shall be provided and installed by vendor. All circuits shall be protected by fuses or circuit breakers. Install the power distribution center or master circuit breaker as close to the battery (ies) as possible. Use 8 AWG wire and connect the power lead to the master circuit breaker or power distribution center.		
E. Provide a wiring diagram for both lightbar and switch panel showing all components with part numbers.		
F. Holes drilled through the firewall and roof for wiring and mounting brackets shall have a grommet or similar device placed in the hole to protect the wires and brackets against damage and water leakage.		
G. Seal outer cab roof hole (s) with silicone sealant to prevent water leakage.		
REAR STROBES:		

A. The rear strobe type light shall be a Whelen Model VTX609A Vertex Super LED Light or approved equivalent.		
B. Furnish and install 2 self-contained hemispheric LED strobe type light head assemblies into the reverse (back-up light) section of rear taillight assemblies, including all mounting hardware and accessories for all vehicles listed in bid package. (Exact placement shall to be determined by contacting the NJTA Inspector prior to installation, solder/seal connections only).		
WARRANTY:		
A. The warranty period shall be five (5) years parts and factory labor on the rotating light assemblies, five (5) years parts and factory labor on LED assemblies from date of acceptance by the NJTA.		

**SPECIFICATIONS: 7PTC
7-POLE TRAILER CONNECTORS ON TRUCKS AND TRAILERS**

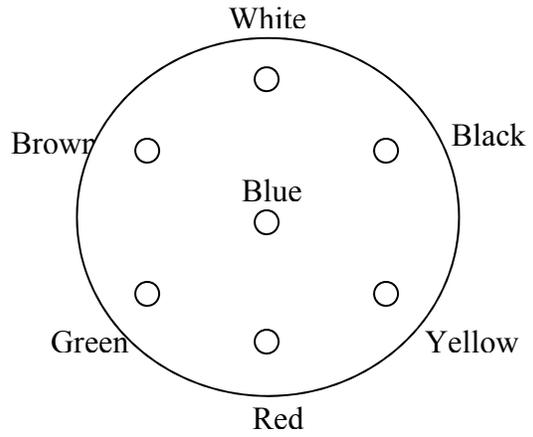
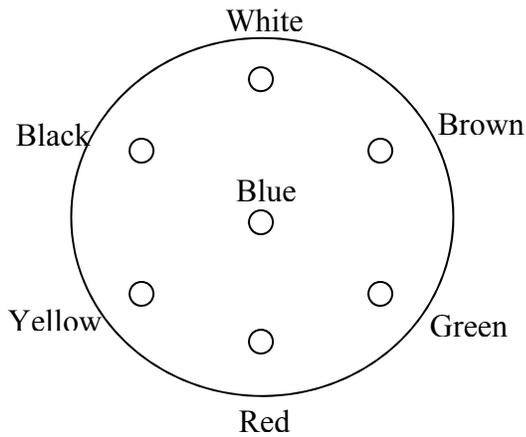
CONNECTOR MARKING COLOR

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.

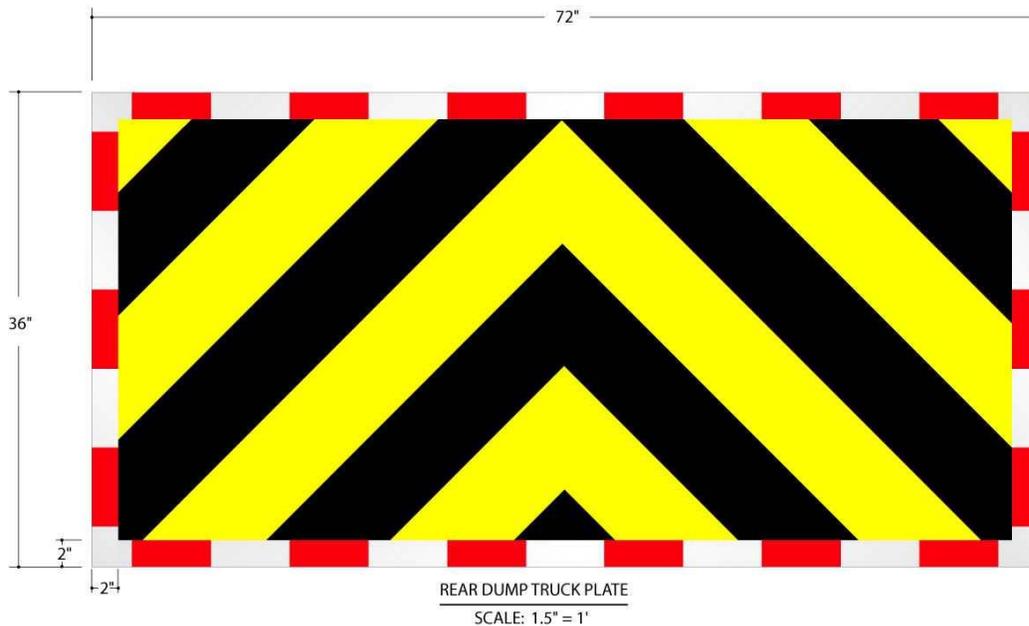
SOCKET MARKINGS

PLUG MARKINGS



SPECIFICATIONS: SKETCH "NL"

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 or approved equivalent.
3. A striping plate of 1/8" aluminum shall be used (unless otherwise specified) that shall be striped and riveted (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.



SERVICE PARTS IDENTIFICATION FORM

Preventative Maintenance Items:			
Private label part number identification shall not be acceptable. A common automotive industry recognizable identification capable of cross referencing with manufactures such as Fram, Hastings, Purolator, Wix, etc. shall only be accepted.			
	Required Amount	OEM Part #	After Market Part #
Engine Group:			
Primary Oil Filter			
Secondary Oil Filter			
Air Filter			
Other			
Primary Fuel Filter			
Secondary Fuel Filter			
Water/Fuel Separator			
Coolant Filter			
Other			
Ignition Group:			
Spark Plug			
Spark Plug Wires			
Other			
Other			
Emissions Group:			
PCV Valve			
Other			
Drive Train Group:			
Transmission Primary Filter			
Transmission Secondary Filter			
Axle Housing Breather			
Other			
Brake Group:			
Compressor Intake Filter			
Air Dryer Desiccant			
Power Take Off Group:			
Hydraulic Filter			
Breather Filter			
Other			
Miscellaneous:			
Left Windshield Wiper			
Right Windshield Wiper			
Rear Windshield Wiper			
Cab Ventilation Filter			

FAILURE TO COMPLETE ALL AREAS MAY RESULT IN REJECTION OF BID

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

TRUCK:

YEAR: _____ MAKE: _____ MODEL: _____

ENGINE MAKE: _____

MODEL: _____ HP: _____ LITER _____

BATTERY VOLTS/AMPS _____
C.C.A. @ (O° F) _____

ALTERNATOR MAKE: _____ MODEL _____
AMPS _____

FUEL TANK CAPACITY: _____ GALLONS

TIRE SIZE FRONT & REAR _____

BACK-UP ALARM MAKE _____ MODEL _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

BODY:

DESCRIPTION _____

YEAR _____ MAKE: _____ MODEL: _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

LIGHTBAR:

YEAR: _____ MAKE: _____ MODEL: _____

DESCRIPTION _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

RUSTPROOFING:

MAKE: _____

WARRANTY
PERIOD: _____

APPLIER: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

WATER TANK:

YEAR _____ MAKE _____ MODEL _____

DESCRIPTION _____

SERVICING AGENCY: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

CIRCULATION PUMP:

YEAR _____ MAKE _____ MODEL _____

INSTALLER: _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

WATERPUMP:

YEAR _____ MAKE _____ MODEL _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

TOOLBOXES: SADDLE-TYPE:

YEAR _____ MAKE _____ MODEL _____

DESCRIPTION _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

TOOLBOX: FULL-WIDTH:

YEAR _____ MAKE _____ MODEL _____

DESCRIPTION _____

ADDRESS: _____

TELEPHONE #: _____

CONTACT: _____

Name & Title

