



DUMP TRUCK BID PROPOSAL LEE HIGHWAY DEPARTMENT

I. NOTICE TO PROPOSERS

Sealed proposals will be received at the Town Hall, 7 Mast Road, LEE, New Hampshire, until **3:00 p.m. April 27th, 2017** for furnishing One (1) 44,000 lb. GVW Cab & Chassis, in accordance with the attached specifications, for the Lee Highway Department.

II. INVITATION TO PROPOSAL

Sealed proposals, subject to the conditions as shown herein, are requested for (1) 44,000 lb. GVW Cab & Chassis, as specified, including charges for freight and delivery, setup, etc. Proposals must be submitted in a sealed envelope, plainly marked **Town of Lee, 2017 Cab and Chassis**.

III. INSTRUCTIONS TO PROPOSERS

1. Proposals shall be typewritten or written in ink on the form prepared by the Town. Officials or corporations shall designate their official title; partners or sole owners shall so state giving the names of all interested parties. The person signing the proposal shall initial corrections or erasures.
2. Proposer shall not stipulate in their proposal any conditions not contained in the specifications. Any proposal which fails to comply with the literal letter of these instructions and the specifications may be rejected forthwith.
3. Requested descriptive material shall be filed with the proposal.
4. In submitting the proposal, the vendor agrees that acceptance of any or all proposals by the Town of Lee within a reasonable time or period constitutes a contract. No delivery shall become due or be accepted unless a Notice of Award shall first have been issued by the Town.
5. The Town reserves the right to accept and reject any and all proposals for due cause, to negotiate with any party, to waive informalities or defects in proposals, to require test proving of proposed equipment by our operators, or to accept such proposals as it shall deem in the best interests of the Town.
6. Discounts for immediate payment or credit terms, where offered, will not be a factor in the selection process. Payment terms by the Town shall be cash less any applicable discounts to be paid within **30 days of delivery** by the vendor **and formal acceptance by the Town**.
7. The successful proposer shall indemnify and hold harmless the Town of Lee against all claims for royalties, for patents or suit for infringement thereon which may be involved in them

manufacturer or use of the material to be furnished.

8. All goods shall remain the property of the seller until delivered to and accepted by the Town.
9. Deviations from the attached specifications are permitted only as separate proposals provided they are submitted as alternate proposals accompanying a conforming proposal. Optional equipment by the dealer or manufacturer, which is not included in these specifications, is to be listed separately.
10. Questions relating to this purchase may be directed to Randy Stevens, Highway Supervisor at (603) 659-3027 or by email at rstevens@leenh.org.
11. Selection Criteria: This proposal will be awarded to the vendor whose proposal represents the best value to the Town of Lee. Other selection criteria will include the cost of the machine, standard and optional features, warranty, durability, performance, reliability of the equipment, economy of fuel and service schedule, maintenance costs, delivery schedule, and service and parts availability.
12. Proposal prices shall remain in full force and affect a minimum of 60 days following the opening thereof.

IV. GENERAL SPECIFICATIONS

1. Units proposed under this solicitation must be new, standard production models of the latest design and in current production.
2. Materials must be of the best commercial quality for the intended service and shall be provided by uses of current manufacturing processes. Materials shall be treated against rust, corrosion and wear.
3. Design of mechanical members shall be such that the stress imposed through normal shock loads at maximum engine torque shall not cause rupture or permanent deformation of undue wear on any member.
4. Proposer shall maintain a service shop within 75 miles of Lee with qualified service people and a representative supply of parts for the truck offered along with the provisions for securing parts from the manufacturer within a reasonable period of time.
5. Proposers must submit with their proposal the latest printed specifications and advertising literature on the units they propose to furnish, along with copies of warranty information.
6. Vendor shall supply one parts book, one operator's manual, and one technical manual for the cab and chassis.
7. Proposer shall be prepared to give a complete demonstration of the merits of the machine offered as requested by the purchaser. The machine so demonstrated shall be complete as offered by the proposer for this proposal.
8. The proposer shall list on a separate sheet of paper accompanying the proposal any variation or exception to the conditions and specifications of the proposal. This sheet shall be labeled

“Exception to Proposal Conditions and Specifications”.

9. Prompt delivery of the cab and chassis is essential. Proposer shall indicate on the proposal form the certified delivery date for completion of the delivery.
10. All standard manufacturer's accessories and features not in conflict with this specification shall be furnished, mounted and ready to operate.
11. Vendor and/or manufacturer must provide training to Highway Department staff on the operation of this piece of equipment.
12. Machine shall be lubed, serviced, and ready to operate upon delivery.
13. All accessories furnished by the proposer shall be mounted and ready for operation.

V. TECHNICAL SPECIFICATIONS

Intent –One 44,000 lb. GVW cab and chassis to be used as plow and sander truck with a side wing plow. Truck should be a set forward axle type. Truck shall have provisions for a front mounted hydraulic pump.

*** If you have any exceptions to the required specifications, please attach exception sheet clearly indicating any such exceptions.**

Specifications	Meets Specifications Yes/No	List any deviations from *Specifications
<u>ENGINE:</u>		
To be turbo-charged and inter-cooled by air to air system, in-line 6 cylinder diesel engine.		
Engine must meet 2010/2016 OBD Emissions Regulations		
Design to be 4-valve head, wet sleeved, with electronic unit injection pumps.		
Minimum 550 C.I.D. (9 liter)		
Minimum 330 H.P. @ 1,500 - 1,900 RPM, 1,000 lb/ft torque @ 1,400 RPM,		
Silicone hoses and tubing on the engine (radiator & heater)		
18.7 CFM minimum rating on the air compressor		
12 volt gear reduction starter- Delco or equal		
Delco alternator 12 volt-160 AMP minimum		
Three (3) batteries - 12 volt gel/AGM type to be mounted under passenger seat.		
Inside/Outside air intake with in cab controls for snow plow application		

Air intake restriction monitor lock up type, dash mounted.		
Extended life Coolant protection to below -37 degrees Fahrenheit		
Engine speed control from cab		
DPF (diesel particulate filter) to be catalyzed type, mounted LH side under cab.		
Clear frame behind cab both sides		
Vertical frame mounted exhaust with heat shield		
Bright finish stack, lower elbow & heat shield.		
Bug screen mounted behind grille.		
Fuel water separator drain valve integral with primary fuel filter.		
Coolant conditioner filter.		
Coolant recovery tank with fill line.		
Engine compression brake		
Poly V-Belt with automatic tensioner.		
1500 watt-120 volt engine block heater.		
Exhaust after treatment system. Diesel particulate filter ceramic -passive regen.		
DPF regeneration control to be auto in motion. Manual stationary and manual inhibit		
Corrosion resistant oil pan		
Front PTO adapter for front mounted pump		
<u>TRANSMISSION:</u>		
Allison Model 3000-RDS-6 (4.90/0.65) rugged duty series, Generation 5. with PTO provision		
Transmission oil cooler, external oil cooler, with internal filter and oil level sensor.		
Factory filled "transynd" synthetic lube.		
Transmission oil temperature gauge.		
HD main driveline		
Allison vocational package with auto neutral or equal.		
Transmission Module to be located in cab		
<u>CAB:</u>		
Conventional/galvanized, with rust preventative procedures, cab mounting, trunnion front, air suspended rear.		

Integral air conditioning / heating		
Electronic engine protection with light & buzzer with optional shutdown.		
Monitoring high coolant temp/low oil pressure and low coolant level in radiator.		
Four way safety flashers		
Rubber over foam floor covering.		
Gauge(s) to include: air pressure, volt meter, temperature, oil pressure, fuel, tachometer, hour meter, transmission oil temp, and exhaust pyrometer.		
Grab handles / aluminum behind doors L/R.		
Vinyl interior with door panels.		
Hood and fenders to be fiberglass tilt-able with inspection/access hatches.		
(2) air horns and electric horn.		
Low air indicator light and buzzer.		
Mirrors West Coast heated stainless		
Bright finish heated convex mirrors mounted below - 8" diameter minimum.		
Driver's seat to be high back air suspension.		
Rider's seat to be fixed.		
Right hand arm rest for driver's seat.		
Tilt & Telescopic steering column.		
Easy fill windshield washer reservoir		
Sun visor(s) L/R.		
Cab ventilation through control panel.		
Two speed wiper/electric with intermittent feature		
AM/FM Premium Stereo w/ CD-player, MP3, Bluetooth, 7 channel weather band, hands-free interface.		
Rubber-removable floor mats.		
Stationary grille to allow hood to be tilted without interference from plow frame if necessary		
Identification/clearance lights set of (5).		
Seat belt retractors w/shoulder belt w/adjustable D-Ring for driver and riders seat.		
Tinted safety windshield, side and rear windows.		
Heated windshield.		

Vehicle driver dash display; to include a digital clock, odometer ambient outside temperature, voltmeter and engine "sweet spot: indicator".		
On board graphic LCD display to view the following: Instantaneous and trip fuel economy, speedometer and tachometer, all standard gauge functions, fleet management information maintenance information (alert operator if filters need to be replaced, fluid levels are low or the fuel is contaminated).		
LCD display for onboard diagnostics to view active and logged faults.		
<u>FRAME:</u>		
10.86" X 3.54" X .433" constant steel section, section modulus 22.12 cu in/RBM 2,654,400 in lbs. per rail. Min.		
Cab to axle 84-96", to be determined at purchase - minimum 56" AF.		
Bumper extended swept back steel extended MTG BBC 122.5" minimum.		
Cross members - Heavy Duty Steel I Beam - B.O.C. and intermediates.		
Front frame extension to be minimum of a 20" extension of parent frame for snow plow mount.		
<u>FUEL TANK:</u>		
70 gallon minimum step LH D-Shape.		
Aluminum not steel with stainless steel straps.		
8.7 gallon maximum LH DEF Tank-integral with fuel tank.		
<u>FRONT AXLE:</u>		
Set Forward -To be minimum rated at 18,000 lbs., with 18,000 lb. heavy duty front suspension.		
Integral Power Steering.-dual steering boxes		
Front shocks double acting type.		
Sealed tapered kingpins and bearings.		
Unitized Hubs-Permanent sealed with grease.		
RH spring build-up for wing plow application. Preferably air bag.		
<u>REAR AXLE:</u>		
Minimum 26,000 lb. axle		
30,000 lb. multi-leaf springs.		

Ratio to be determined at purchase		
Synthetic Lubricant - 75W-90.		
Driver controlled locking differential		
<u>BRAKES:</u>		
Cast rear shoes		
Front cam type 16.5" x 6" Q+.		
Rear cam type 16.5" x 7" Q+.		
Automatic slack adjusters front, rear, Haldex.		
30/30 size rear brake chambers.		
Meritor/Wabco Air dryer w/ coalescing oil filter.		
Meritor/Wabco ABS system.		
Front and rear brake dust shields.		
MGM Model TR-T (Tamper resistant) spring brake chambers.		
Single valve system.		
<u>TIRES:</u>		
Front 315/80R22.5 20 ply Bridgestone, Goodyear, or Michelin		
Rear 12R22.5 Bridgestone, Goodyear, or Michelin 16 ply "H" traction type		
Front and rear wheels 22.5x 9 heavy duty 2 hand hole, 10 hole hub-piloted heavy duty steel disc wheels.		
Wheels to be E-coated Gray.		
44,000 lb. G.V.W.R. minimum.		
<u>ELECTRICAL:</u>		
Back up alarm to be 107 db minimum.		
Electrical connections waterproof.		
Battery disconnect switch.		
Headlights to be flush mounted, Halogen with Lexan lens.		
Rear lighting-stop, tail, directional and backup signal flashers type transistorized electronic of equal.		
Battery shock pads.		
Point to point wiring in cab if possible		
Wiring for 2-way radio		
2-jump start stud terminals remotely mounted		
6 dash mounted auxiliary switches-switch module to be located inside of cab		
7 way primary trailer cable –receptacle mounted end of frame		
<u>PAINT:</u>		
Cab to be yellow (paint code to be given		

with notice of award).		
Urethane base coat/clear coat.		
Frame to be black (urethane-not water based paint).		
Rims to be Gray.		
<u>PTO/EQUIPMENT:</u>		
PTO front mount provision		
Auxiliary, dash control and power supply for local installation of plow lights.		
Front crankshaft adapter 1350 series flange minimum for front end snow plow PTO drive.		
<u>OTHER</u>		
Complete Service Manual		
Build sheet including total weight to be returned with bid		

WARRANTY:

- A. The vendor selling their vehicle shall arrange for the performance of all warranty work so as to avoid necessity for the Town of Lee to deal directly with the manufacturer.
- B. The manufacturer's standard warranty shall be provided for the unit and all accessories.

SUBMITTALS: Person submitting proposal must supply manufacturer's latest catalog along with complete specifications and warranties on the unit and all accessories.

DELIVERY: Delivery location to be at the Lee NH Highway Garage, Recycling Center Road, Lee, NH 03861

TOWN OF LEE
BID PROPOSAL FOR CAB & CHASSIS

All Bids are to be submitted on this form.

Make and Manufacturer of vehicle _____

MODEL PROPOSED _____ MODEL YEAR _____

ENGINE PROPOSED _____ MODEL YEAR _____

Price for CAB & CHASSIS \$ _____

Please supply a price and change in weight for the following options:

Extended warranty (be specific) \$ _____

Rear Aluminum Wheels: Weight _____ \$ _____

Front Aluminum Wheels: Weight _____ \$ _____

30K Rear Axle: Weight _____ \$ _____

Detroit Diesel DD13 370 HP: Weight _____ \$ _____

Fender mounted 8" Convex Mirrors: Weight _____ \$ _____

Allison RDS 3500 Weight _____ \$ _____

Electric brake controller installed in cab: \$ _____

Trailer air brake controller with air lines to rear of truck: \$ _____

List on a separate sheet any other options, with costs, that bidder believes are necessary for optimal performance of the vehicle.

We guarantee that delivery of this equipment shall be made in accordance with the specifications, being the basis of this proposal, and delivery will be made within _____ calendar days from the issuing of a Notice of Award. We will hold price above for a minimum of sixty days from the date of proposal. We understand that the Town reserves the right to accept or reject any or all proposals, to waive any irregularity in any or all proposals, and to make a vendor selection which is in the best interest of the Town.

Signature _____ Date: _____

Printed Name _____ email: _____

Company _____ Phone: _____

Address _____