

INVITATION TO BID

The Town of Newington will accept bids for two new Highway trucks. All bids must be submitted in accordance with Town specifications and on forms supplied by the Town. Bid forms and specifications are available in the office of the Town Manager, 131 Cedar Street, Newington, CT 06111 and online at www.newingtonct.gov in the Doing Business, Current Bids section. Bids will be received and opened publicly at 2:30 PM on February 20, 2013 in the Town Manager's Office. The Town of Newington reserves the right to reject any or all bids.

John L. Salomone
Town Manager

Bid No. 5, 2012-13

**TOWN OF NEWINGTON
TWO (2) NEW HIGHWAY TRUCKS
GENERAL INFORMATION**

Intent:

It is the intent of the Town of Newington to purchase two (2) new trucks with related equipment for use by the Newington Highway Department. Each truck shall be a conventional set back front axle two-wheel drive, dual rear wheels, single rear axle truck having a certified gross vehicle weight rating of not less than 47,120 pounds as indicated by the manufacturer's published literature.

Bid Procedures:

All bids shall be submitted on forms provided by the Town of Newington and addressed to the Town Manager's Office, Town Hall, 131 Cedar Street, Newington, CT 06111. Bids will be opened and read publicly at 2:30 PM on February 20, 2013 in the Town Manager's Office. Sealed bid envelopes should be clearly labeled "Bid No. 5, 2012-13 Two (2) New Highway Trucks."

The Town reserves the right to waive informalities or to reject any or all bids when such action is deemed to be in the best interests of the Town. The Town reserves the right to delete such items as it deems necessary from these proposals.

Each bidder shall identify the cost per truck on the Bid Form. The Town intends to multiply this amount times the number of trucks to be purchased in order to determine the lowest responsible bidder.

Delivery:

Delivery of equipment hereunder shall be made to the Newington Highway Department, 281 Milk Lane, Newington. Risk of loss or damage in transit shall be borne by the Contractor, who shall be responsible for filing any necessary claims against the carrier. Each truck and all related equipment shall be delivered with all items completely installed and in operable condition. Normally removable items shall have attachments for such removal. All fluids, fittings, greases, etc. shall be provided by the Contractor.

The Contractor shall notify the Town of Newington in writing as to the delivery date when the Contractor has received or will receive the cab and chassis. Units shall be delivered to the body vendor within 60 business days from the date of the purchase order issued by the Town. Bidders shall identify on the Bid Form the anticipated number of days to delivery to the body vendor. Anticipated delivery dates beyond 60 business days may, at the Town's sole discretion, be sufficient grounds for rejection of the bid. The Contractor (chassis vendor) will be responsible for Post Delivery Inspection and warranty in-servicing AFTER body up-fitter is complete with their work.

Inquiries:

Any questions regarding this bid shall be addressed to Tom Molloy, Superintendent of Highways, 281 Milk Lane, Newington, CT 06111, telephone (860) 667-5810, between 7:00 a.m. and 3:30 p.m., Monday thru Friday. Questions shall be presented by the close of business on February 15, 2013 in order to allow sufficient time to draft and post addenda. Any addenda shall be posted on the Town's website, www.newingtonct.gov, in the Doing Business, Current Bids section at least 48 hours prior to the bid opening deadline.

Nondiscrimination:

The Contractor shall agree and warrant that it will not discriminate or permit discrimination against any person or group of persons on the grounds of sex, race, color, religion, age, marital status, ancestry, national origin, past history of mental disorder, mental disability, physical disability, or other basis in any manner prohibited by the laws of the United States, the State of Connecticut, or the Town of Newington.

Submittals:

In addition to the Bid Form, the following shall be submitted:

1. One (1) set of Manufacturer's specifications for each part of the specification package shall accompany each bid. These specifications will be evaluated to determine the components bid are equivalent to the items specified within. Bidder shall note, in writing, any deviations from the specifications of this bid. Merely providing literature is not sufficient and may be just cause for rejection of a bid.
2. The warranty period shall also be submitted on the Bid Form.
3. Each truck and related equipment must meet all Federal and State regulations as well as OSHA regulations and so be certified. The dealer or body installer shall provide caution labels, decals and any warnings deemed necessary by the Town.
4. The Contractor shall supply all manufacturers' equipment and technical advice necessary for the proper operation of the trucks and related equipment. This includes, but is not limited to, manuals for the chassis, body and hydraulic system. The Contractor must further supply all technical (parts and service) manuals or CD-ROM for, but not limited to: the engine, transmission, chassis, body, plow and hydraulic system for the unit proposed. Free web access/technical support shall be available for a minimum of 10 years.
5. In order to minimize down time; selling dealer shall be located and stock an adequate supply of replacement parts within a fifty (50) mile radius of the Newington Highway Department, and identify this location. The selling dealer shall have an Emergency Response Plan and it shall also be provided with the bid, along with their hours of operation for parts and service.

Each truck shall meet or exceed the following minimum specifications. Any deviation(s) to the Town's specifications must be clearly listed and explained on a separate sheet of paper.

TOWN OF NEWINGTON
SPECIFICATIONS
TWO (2) NEW HIGHWAY TRUCKS

	COMPLY	
	YES	NO
<u>General:</u>		
Chassis shall be new, 2013 or newer model year.	_____	_____
Chassis make, model and year is stated on the Bid Form	_____	_____
Gross Vehicle Rating not less than 47,120 pounds.	_____	_____
Trailer towing provision including air and electric to end of frame.	_____	_____
All "S" cam splines shall be generously coated with "NEVER SEIZE".	_____	_____
Complete set of shop manuals for engine, chassis, trans, body, and electrical.	_____	_____
<u>Engine and engine equipment:</u>		
Cummins ISL, 370 HP @ 1900 RPM, 2100 governed, 1,250 LB/FT @ 1400 RPM.	_____	_____
2010 EPA/CARB Emission Certification.	_____	_____
Clean idle certification label shall be located on driver's door.	_____	_____
Engine after-treatment device must have automatic over the road regeneration and a dash mounted regeneration request switch.	_____	_____
One piece valve cover.	_____	_____
Side of hood air intake with firewall mounted Donaldson air cleaner, and under hood blend air door with dash mounted switch.	_____	_____
Delco Remy 12V 160 AMP 28-SI quadramount pad alternator with remote battery volt sense.	_____	_____
(2) 12V Maintenance free 1125 CCA threaded stud batteries for a total of 2250 CCA per truck	_____	_____
Battery box must be fully enclosed with a fiberglass/plastic cover.	_____	_____
Single battery box frame mounted on LH frame rail under cab.	_____	_____
Positive load disconnect with control switch mounted outboard driver's seat.	_____	_____
18.7 CFM air compressor with internal safety valve.	_____	_____
Electronic engine integral warning and derate protection system.	_____	_____
C-brake by Jacobs with low/off/high braking dash switch. NO EXHAUST BRAKES WILL BE ACCEPTED. NO EXCEPTIONS	_____	_____
RH outboard under step mounted horizontal after-treatment system assembly with RH B-pillar mounted vertical curved tailpipe.	_____	_____
6 Gallon diesel exhaust fluid tank mounted LH side under cab.	_____	_____

COMPLY

YES

NO

Engine and engine equipment continued:

Stainless steel after-treatment device/muffler/tailpipe shielding.	_____	_____
Horton Drivemaster on/off fan drive with automatic control with dash switch and indicator light.	_____	_____
Spin on style fuel filter.	_____	_____
Combination full flow/bypass oil filter.	_____	_____
Fleetguard plain coolant filter.	_____	_____
1,300 square inch aluminum radiator.	_____	_____
Antifreeze to -34F, NOAT extended life coolant.	_____	_____
Gates Blue stripe coolant hoses.	_____	_____
Constant tension hose clamps for coolant hoses.	_____	_____
Radiator drain valve.	_____	_____
Phillips-Temro 1000 watt/115 volt block heater with chrome plastic receptacle mounted under LH door.	_____	_____
Aluminum flywheel housing.	_____	_____
Electric grid air intake warmer.	_____	_____
Delco 12V 38MT HD starter with integrated magnetic switch.	_____	_____

Transmission and equipment:

Allison 3000 RDS automatic with PTO provision.	_____	_____
6 Speed programming with 3 rd gear on secondary.	_____	_____
Transmission Prognostics continually monitoring: oil life, filter life and clutch wear.	_____	_____
Push button electronic shift control mounted in ergonomic wing dash panel.	_____	_____
Water /oil transmission cooler in radiator end tank.	_____	_____
Transmission oil check and fill with electronic oil level check.	_____	_____
Magnetic plugs: engine drain, transmission drain, axles fill and drain.	_____	_____
Vehicle interface wiring with body builder connector mounted back of cab inside.	_____	_____
Synthetic transmission fluid.	_____	_____
Electronic transmission access connector mounted on firewall.	_____	_____
RH PTO mount location.	_____	_____

Front axle, suspension and equipment:

20,000 pound front axle.	_____	_____
Meritor 16.5x6 Q+ cast spider cam front brakes, double anchor fabricated shoes.	_____	_____

COMPLY

YES

NO

Front axle, suspension and equipment continued:

Conmet cast iron front brake drums.	_____	_____
Front brake dust shields WITH stainless steel hardware.	_____	_____
Chicago rawhide Scotseal Plus XL front oil seals.	_____	_____
Vented front hub caps with window and center plug – oil.	_____	_____
Haldex automatic front slack adjusters WITH stainless steel clevis pins.	_____	_____
TRW THP-60 power steering with RCH45 auxiliary gear.	_____	_____
Power steering pump with a 4 quart reservoir and filter.	_____	_____
Oil/air power steering cooler.	_____	_____
Synthetic 75W-90 front axle lube.	_____	_____
20,000 pound taper-leaf front suspension.	_____	_____
Graphite bronze bushings with seals.	_____	_____
Front shock absorbers.	_____	_____

Rear axle, suspension and equipment:

Meritor RS-30-185 30,000 pound U-series single rear axle.	_____	_____
6.14 axle ratio.	_____	_____
Iron rear axle carrier with standard axle housing.	_____	_____
17T Meritor extended lube main driveline with half round yokes.	_____	_____
Driver controlled traction differential lock with dash mounted switch.	_____	_____
Blinking lamp with each mode switch, differential unlock with ignition off, and active less than 25 mph. NO EXCEPTIONS	_____	_____
Meritor 16.5x7 P cam rear brakes, double anchor, cast shoes.	_____	_____
Brake cams and chambers on forward side of drive axle.	_____	_____
Webb cast iron rear brake drums.	_____	_____
Rear brake dust shields with stainless steel hardware.	_____	_____
Chicago Rawhide Scotseal Plus XL rear oil seals.	_____	_____
MGM TR-T Longstroke 1-drive axle spring parking chambers.	_____	_____
Haldex automatic rear slack adjusters with stainless steel clevis pins.	_____	_____
Synthetic 75W-90 rear axle lube.	_____	_____
30,000# Flat leaf spring rear suspension with helper and radius rod.	_____	_____
Fore and Aft control rods.	_____	_____

Brake System:

Air brake package.	_____	_____
Wabco 4S/4M ABS system without traction control.	_____	_____
Reinforced nylon, fabric braid and wire braid chassis air lines.	_____	_____

COMPLY

YES NO

Brake System continued:

Fiber braid parking brake hose.	_____	_____
Relay valve with 5-8 PSI crack pressure.	_____	_____
Bendix AD-9 brake line air dryer with heater.	_____	_____
Air dryer mounted inboard on LH rail.	_____	_____
Aluminum air brake reservoirs.	_____	_____
Pull cables on all reservoirs.	_____	_____
Air connections to end of frame with glad hands.	_____	_____
Dash mounted air switch with plumbing to end of frame.	_____	_____
Primary connector / receptacle wired for combination stop/turn, center pin powered through ignition with stop signal pre-wire package for electric trailer brake controller under dash.	_____	_____
SAE J560 7-way primary trailer cable receptacle mounted end of frame.	_____	_____

Frame & Wheelbase:

96" cab to axle dimension.	_____	_____
162" wheelbase.	_____	_____
7/16" x 3-9/16" x 11-1/8" steel frame 120PSI.	_____	_____
RBM rating of 2,592,000 lbf/in.	_____	_____
Section Modulus of 21.60 cubic inches	_____	_____
24" Integral front frame extension.	_____	_____
14 Inch painted steel bumper.	_____	_____
Grade 8 threaded hex headed frame fasteners.	_____	_____

Fuel tank & Equipment:

50 Gallon short rectangular aluminum tank.	_____	_____
Fuel tank mounted LH side under cab.	_____	_____
Alliance fuel filter/water separator with heated bowl and primer pump.	_____	_____
Equiflo inboard fuel system.	_____	_____
High temperature reinforced nylon fuel line.	_____	_____

Tires:

Continental HSU2+ 315/80R22.5 20 Ply radial front tires.	_____	_____
Goodyear G622 RSD 12R22.5 16 Ply radial rear tires.	_____	_____
Continental HSU2+ 315/80R22.5 20 Ply radial spare front tire.	_____	_____
Goodyear G622 RSD 12R22.5 16 Ply radial spare rear tire.	_____	_____

COMPLY

YES

NO

Hubs:

Conmet pre-set bearing iron front hubs.

Webb iron rear hubs.

Wheels:

Accuride 29039 22.5 x 9.00 10-hub pilot 5.25 inset 5-hand steel disc front wheels.

Accuride 28828 22.5 x 8.25 10-hub pilot 2-hand HD steel disc rear wheels.

Accuride 29039 22.5 x 9.00 10-hub pilot 5.25 inset 5-hand steel disc spare front wheel.

Accuride 28828 22.5 x 8.25 10-hub pilot 2-hand HD steel disc spare rear wheel.

Front tire/wheels shall be balanced.

Cab Exterior:

Aluminum conventional cab. NO EXCEPTIONS

Air ride cab suspension.

Non-removable bug screen mounted behind grill.

Flexible fender extensions.

LH and RH grab handles.

Stationary grill with bright finish bezel.

Chrome hood mounted air intake grill.

Fiberglass hood.

Dual 26 inch rectangular polished aluminum air horns roof mounted.

Dual horn shields.

Dual electric city horns.

Door locks and ignition switch keyed the same.

(4) keys shall be provided.

Halogen composite headlights with bright bezels.

LED marker lights.

Headlights automatically on with wipers.

Integral stop/tail/backup lights.

Dual west coast bright finish powered heated mirrors.

Door mounted mirrors.

LH and RH 8" bright finish convex heated mirrors.

RH mounted down view mirror.

COMPLY

YES NO

Cab Exterior continued:

Electric horn warning system for park brake not set with door open and in all key positions.	_____	_____
63" x 14" tinted rear window.	_____	_____
Tinted door glass LH and RH with tinted operating wing windows.	_____	_____
RH electric powered window driver operated.	_____	_____
Lower RH door window with Fresnel lens.	_____	_____
Tinted one piece 2,500 square inch heated windshield.	_____	_____
2G windshield washer fluid reservoir cab mounted with fluid level indicator.	_____	_____

Cab Interior:

LH and RH molded plastic door panel with aluminum kick-plate on lower doors.	_____	_____
Black mats with insulation.	_____	_____
Dash mounted ash tray without lighter.	_____	_____
Center storage console mounted between seats on back wall.	_____	_____
(2) Cup holders LH and RH dash.	_____	_____
Ergonomic wing dash.	_____	_____
2-1/2 lb. fire extinguisher.	_____	_____
Main heater upgrade.	_____	_____
Standard HVAC ducting with snow shield for fresh air intake.	_____	_____
HVAC ducting providing (2) defroster vents in each door.	_____	_____
(6) Defroster vents in dash along lower portion of windshield.	_____	_____
Silencer package for cab including double layer of noise abatement material throughout firewall, floor, doors, back wall and roof.	_____	_____
12 V negative ground electrical system.	_____	_____
LH and RH door activated dome light.	_____	_____
Forward cab mounted LH and RH reading lights.	_____	_____
12-volt power supply in dash.	_____	_____
Triangular reflectors without flares.	_____	_____
High back air suspension driver seat with air lumbar and cushion extension.	_____	_____
High back non-suspension passenger seat.	_____	_____
Dual driver seat armrests.	_____	_____
Black Cordura Plus cloth seat cover both seats.	_____	_____
LH and RH integral door panel armrests.	_____	_____
High visibility orange seat belts.	_____	_____
Non-adjustable, suspended brake and accelerator pedals to prevent rusting. floor mounted pedals will not be accepted.	_____	_____
Adjustable tilt and telescoping steering column.	_____	_____

COMPLY

YES

NO

Cab Interior continued:

4-spoke 18" steering wheel.	_____	_____
Driver and passenger interior sun visors.	_____	_____
High idle control operated off of cruise control switches.	_____	_____
Key power 10 amp overhead for radio communications.	_____	_____

Instruments and Controls:

Low air pressure light and buzzer.	_____	_____
2" primary and secondary air pressure gauges.	_____	_____
Intake mounted air restriction indicator with graduations.	_____	_____
97 DB back-up alarm, factory installed.	_____	_____
Electronic cruise control.	_____	_____
2" Electric fuel gauge.	_____	_____
Programmable RPM control. Parameters to be determined @ time of award.	_____	_____
Engine coolant temperature gauge.	_____	_____
2" transmission oil temperature gauge.	_____	_____
Factory installed dash mounted PTO switch with indicator light.	_____	_____
Engine oil pressure gauge.	_____	_____
Dash mounted AM/FM/WB radio with auxiliary input.	_____	_____
Power and ground wiring with roof mounted radio provision with faceplate live and key power at roof.	_____	_____
Ignition controlled engine stop.	_____	_____
Overhead mounted seven (7) wired latching switches.	_____	_____
Overhead mounted one (1) wired momentary switch.	_____	_____
Body up indicator lamp with red lens mounted overhead.	_____	_____
Tail gate open indicator lamp with red lens mounted overhead.	_____	_____
Overhead mounted two (2) additional indicator lamps with red lenses.	_____	_____
BW tractor protection valve.	_____	_____
Trailer hand control valve.	_____	_____
Digital voltage display integral with driver display.	_____	_____
Wipers programmed to slowest speed with park brake set.	_____	_____
Headlights and marker lights automatically come on with wipers.	_____	_____
Marker light switch integral with headlight switch and switch and terminals for Town furnished snow plow lights.	_____	_____
Two valve parking brake system with warning indicator.	_____	_____
Self canceling turn signal switch with dimmer, washer/wiper and hazard.	_____	_____

COMPLY

YES

NO

Paint:

Cab: Woodland Green Elite Base coat clear coat L2889EB.

Wheels shall be white.

Front bumper shall be agent silver.

_____	_____
_____	_____
_____	_____

LH stands for Left Hand, or driver's side

RH stands for Right Hand, or passenger's side

END OF CHASSIS SPECIFICATIONS

TOWN OF NEWINGTON

TWO (2) NEW HIGHWAY TRUCKS

BID FORM

Town Manager
Town of Newington
131 Cedar Street
Newington, CT 06111

In accordance with the specifications, the undersigned hereby submits the following bid for "Two (2) New Highway Trucks", for use by the Newington Highway Department, delivered and complete for the amount of:

\$ _____ for each truck

Chassis make: _____

Model: _____

Year: _____

Delivery of unit(s) to body vendor: _____ Business days after date of Town purchase order

The manufacturer's warranty, one set of manufacturer's specifications, and any other items required by the Submittals section of this bid are enclosed. The undersigned is submitting this bid without collusion with any other individual or corporation.

SUBMITTED FOR

SUBMITTED BY

Firm: _____

Signature: _____

Address: _____

Name: _____

Title: _____

Telephone: _____