



**TOWN OF STRATFORD  
PURCHASING DEPARTMENT  
STRATFORD, CONNECTICUT**

BID No. 2014-067

Issued : September 19, 2014

Subject : International Truck Chassis with Dump Body

The Town of Stratford through the Office of the Purchasing Agent, will receive SEALED BIDS for furnishing the equipment described in the accompanying specifications, in accordance with the instructions, conditions and reservations that follow:

**A. CLOSING DATE:**

Bids will be received until 3:00 pm September 26, 2014, at which time they will be publicly opened and read. All bidders are invited to attend this public opening, which will be held immediately following the closing time specified above, in the Office of the Purchasing Agent, Room 202, Town Hall, 2725 Main Street, Stratford, CT 06615.

Any bid may be withdrawn prior to the above-scheduled time for receiving bids or authorized postponement thereof. Any bids received after the date and time specified shall NOT be considered. No bidder may withdraw a bid within 45 days after the actual opening thereof.

## **B. INSTRUCTIONS:**

Bid proposals are to be submitted (**TWO COPIES**) in a sealed envelope and clearly marked with the bid number and description on the outside of the envelope, including all outer packaging (DHL, FedEx, UPS, etc).

Bids must be delivered to:

Purchasing Department  
Stratford Town Hall – Rm 202  
2725 Main Street  
Stratford, CT 06615

## **C. CONDITIONS:**

### **Bid Surety:**

A bid surety is not required.

**Payment:** Final payment will be made upon the acceptance of the completed work by an authorized representative of the Town of Stratford. NO partial payments will be made. Invoices covering the work specified herein should be forwarded to the Purchasing Department upon completion of the project.

**Taxes:** The Town of Stratford is exempt from all State and Federal taxes. Do not include these amounts in your quotation.

**Addendums:** All addendums will be posted on the town website, [www.townofstratford.com](http://www.townofstratford.com). It is the responsibility of the bidder to check the website for any addendums before submitting their bid.

**F.O.B. Destination:** All prices quoted must be net delivered to destination.

**Conflict of Interest:** No public official or employee shall, while serving as such, have any financial interest or engage in any business, employment, transaction or professional activity or incur any obligation of any nature which is in substantial conflict with the proper discharge of his/her duties or employment in the public interest.

## **D. RESERVATIONS:**

The Town of Stratford may consider informal any bid not prepared and submitted to the Town in accordance with the provisions herein stated. The Town of Stratford reserves the right to reject any or all bids or parts of bids; to waive defects in same bids; or to accept any bid or part thereof deemed to be in the best interests of the Town of Stratford.

Supply detailed descriptions and specifications of all items..

## CHASSIS SPECIFICATIONS

2015 7500 SFA 4x2 with 175.00 wheelbase, 100.00 CA, and 75.00 Axle to Frame

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 psi yield), 10.866" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0 (11582mm) Maximum OAL

BUMPER, FRONT Steel, Swept Back; Painted 0001 Canyon Black

REINFORCEMENT, FRAME FRONT; Use when Mounting Equipment at Front of Frame

FRAME EXTENSION, FRONT Integral: 20" In Front of Grille

WHEELBASE RANGE 146" (370CM) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING (Meritor MFS-18\_133A) Wide Track, I-Beam Type, 18,000-lb Capacity

SHOCK ABSORBERS, FRONT

SUSPENSION, FRONT, SPRING Multileaf, Shackle Type; 18,000-lb Capacity; Less Shock Absorbers

SPRINGS, FRONT AUXILIARY Air Bag, Right Side Only, Driver Control

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

BRAKES, FRONT, AIR CAN 16.5" x 6", Includes 24 SqIn Long Stroke Brake Chambers

TRAILER CONNECTIONS Four-Wheel, With Hand Control Valve and Tractor Protection Valve, for Straight Truck

DRAIN VALVE (Bendix DV-2) Automatic, With Heater; for Air Tank

DRAIN VALVE Mounted in Wet Tank

BRAKE SHOES, REAR Cast

AIR BRAKE ABS (Bendix AntiLock Brake System) Full Vehicle Wheel Control System (4-Channel)

AIR DRYER (Bendix AD-9) With Heater

AIR DRYER LOCATION Inside Left Rail, Back of Cab

BRAKE CHAMBERS, FRONT AXLE (Haldex) 24 SqIn

BRAKE CHAMBERS, REAR AXLE (Haldex GC3636) 36/36 Spring Brake

SLACK ADJUSTERS, FRONT (Haldex) Automatic

SLACK ADJUSTERS, REAR (Haldex) Automatic

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 36/36 SqIn Long Stroke Brake Chambers and Spring Actuated Parking Brakes

AIR COMPRESSOR (Bendix Tu-Flo 550) 13.2 CFM Capacity

STEERING COLUMN Tilting

STEERING WHEEL 2-Spoke, 18" Diam., Black

STEERING GEAR (2) (Sheppard M-100/M-80) Dual Power

EXHAUST SYSTEM Single, Horizontal, Aftertreatment Device Frame Mounted Right Side Under Cab; Includes Vertical Tail Pipe with Guard

ENGINE COMPRESSION BRAKE for MaxxForce I6 Engines; Electronically Activated

MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

SWITCH, FOR EXHAUST 2 Position, Lighted & Latching, ON/OFF Type, Mounted in IP, Inhibits Diesel Particulate Filter Regeneration as Long as Switch is in ON Position.

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

CIGAR LIGHTER Includes Ash Cup

HORN, ELECTRIC (2)

POWER SOURCE Cigar Type Receptacle without Plug and Cord

BATTERY TERMINALS Sealed

ALTERNATOR (Bosch LH160) Brush type, 12 Volt 160 Amp Capacity, Pad Mount

BODY BUILDER WIRING Back of Standard Cab at Left Frame or Under Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn

BATTERY SYSTEM (International) Maintenance-Free, (3) 12-Volt 1950CCA Total

2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness

RADIO AM/FM/WB/Clock/3MM Auxiliary Input, with Multiple Speakers, with CD Player

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

TRAILER CONNECTION SOCKET 7-Way; Mounted at rear of Frame, Wired for Turn Signals Combined with Stop, Compatible with Trailers That Use Combined Stop, Tail, Turn Lamps

JUMP START STUD Remote Mounted

JUMP START STUD Mounted to Battery Box

POWER SOURCE, TERMINAL TYPE 2-Post

WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

BATTERY DISCONNECT SWITCH (Joseph Pollak) for Cab Power Disconnect Switch; Lever Operated, Disconnects Power to PDC, Does Not Disconnect Charging Circuits, Cab Mounted

TURN SIGNALS, FRONT Dual Face, Amber/Red, Mounted on Top of Fender, Used With Standard Flush Mounted Front Turn Signal, Side marker Lamps, Parking Lights and Reflectors

HEADLIGHTS Long Life Halogen; for Two Light System

CLEARANCE/MARKER LIGHTS (5) (Truck Lite) Amber LED Lights, Flush Mounted on Cab or Sunshade

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn on if Windshield Wipers are turned on

STARTING MOTOR (Delco Remy 39MT) 12 Volt; Gear Reduced, With Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position

ALARM, PARKING BRAKE Electric Horn Sounds in Repetitive manner When Vehicle Park Brake is "NOT" Set, With Ignition "OFF" and any Door Opened

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses

FENDER EXTENSIONS Rubber

GRILLE Stationary, Chrome

BUG SCREEN Front End; Mounted Behind Grille

FRONT END Tilting, Fiberglass, With Three Piece Construction; for 2007 & 2010 Emissions

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PROMOTIONAL PACKAGE Government and Municipal Silver Package; Two Year Limited Subscription of On-Command Service Information (Formerly Fleet ISIS), and On-Command Parts Information (Formerly Fleet Parts Catalog), Requires Specific Feature Combinations

OIL FILTER, ENGINE (Hudgins Model 960 Spinner)

RADIATOR HOSES Silicone; Molded

ENGINE, DIESEL (MaxxForce 10) EPA 10, 350 HP @ 2000 RPM, 1150 lb ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)

FAN DRIVE (Horton Drivemaster Polar Extreme) Direct Drive Type, Two Speed

RADIATOR Aluminum, Front to Back Cross Flow, Series System; 1663 SqIn Core and 885 SqIn Charge Air Cooler and 470 SqIn Low Temperature Radiator Down Flow

FEDERAL EMISSIONS EPA, OBD and GHG Certified for Calendar Year 2014; MaxxForce 9 & MaxxForce 10 Engines

AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control

GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ENGINE CONTROL, REMOTE MOUNTED – No Provision Furnished for Remote Mounted Engine Control

BLOCK HEATER, ENGINE (Phillips) 120Volt/1250 Watt; With "Y" Cord From Socket in Standard Location, For a Dealer Installed Oil Pan Heater, With Extended Life Coated Metal/Plastic/Metal Material Oil Pan

TRANSMISSION, AUTOMATIC (Allison 3000\_RDS\_P) 5<sup>th</sup> Generation Controls; Close Ratio, 6-speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder, With 80,000-lb GVW & GCW Max

OIL COOLER, AUTO TRANSMISSION (Modine) Water to Oil, for Allison or CEEMAT Transmission

TRANSMISSION SHIFT CONTROL (Allison) Push-button Type; for Allison 3000 & 4000 Series Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT-OUTPUT for Rugged duty Series (RDS); General Purpose Trucks, Construction

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS Allison Performance Programming in Primary and Allison Economy Programming in Secondary

PTO CONTROL, DASH MOUNTED For Customer Provided PTO; Includes Switch, Electric/Air Solenoid, Piping and Wiring

AXLE, REAR, SINGLE (Meritor RS-30-185) Single Reduction, Standard Track, 30,000-lb Capacity, T Wheel Ends, Driver Controlled Locking Differential. Gear Ratio: 6.83

REAR AXLE DRAIN PLUS (1) Magnetic, For Single Rear Axle

SUSPENSION, RR, SPRING, SINGLE Vari-Rate; 31,000 Capacity, Includes 4500-lb Capacity Multileaf Auxiliary

AXLE, REAR, LUBE (EmGard 75W-90) Synthetic Oil; 40 thru 49.99 Pints

FUEL/WATER SEPARATOR with Thermostatic Fuel Temperature Controlled Electric Heater, and Filter Restriction/Change Indicator, Includes Standard Equipment Water-in-Fuel Sensor

FUEL TANK Top Draw; D Style, Non Polished Aluminum, 19" Deep, 50 U.S. Gal., 189 L Capacity, Beveled Back of Tank, with Quick Connect Outlet, Mounted Right Side, Under Cab

FLOOR COVERING Transmission Cover, Floor Mats and Seal

CAB Conventional

CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel

DOMELIGHT, cab Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theatre Dimming, Integral to Console, Center Mounted

GLASS, ALL WINDOWS Tinted

GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color

STEP (4) Two Steps Per Door

HEATER HOSES Silicone

GRAB HANDLE, CAB INTERIOR (2) Safety Yellow

GAUGE CLUSTER English with English Electronic Speedometer

GAUGE, OIL TEMP, ALLISON TRAN

GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) With Black Bezel Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER (National 2000) Air suspension, High Back With Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust

MIRRORS (2) (Lang Mekra) Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Sides, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatically Controlled, Power Both Sides, Clearance Lights LED, Bright Finish Heads and Brackets

GRAB HANDLE Chrome; Towel Bar Type With Anti-Slip Rubber Inserts; for Cab Entry Mounted Left Side Only at "B" Pillar

MIRROR, CONVEX, HOOD MOUNTED (2) (Land Mekra) Bright, Heated, Left and Right Sides 7.33" Sq

SEAT, PASSENGER (NATIONAL) Non-Suspension, High Back, Fixed Back, Integral Headrest, Vinyl

SEAT BELT All Orange; 1 to 3

WINDSHIELD Heated, Single Piece

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER (Blend-Air) With Integral Heater & Defroster

INSTRUMENT PANEL Center Section, Flat Panel

WINDOW, POWER (2) And Power Door Locks, Left and right Doors, Includes Express Down Feature

HVAC FRESH AIR FILTER

STORAGE POCKET, DOOR Molded Plastic, Full Width; Mounted on Passenger Door

CAB INTERIOR TRIM Deluxe

CAB REAR SUSPENSION Air Bag Type

SUNSHADE, EXTERIOR Aerodynamic, Painted Roof Color; Includes Integral Clearance/Marker Lights

WINDSHIELD WIPER BLADES Snow Type

WHEEL, SPARE DISC 22.5" Painted Steel, 10 Stud (285.75MM BC Hub Piloted) 9.00 DC Rim

WHEELS, FRONT DISC; 22.5" Painted Steel, 5 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, flanged Nut, Metric Mount 9.00 DC Rims; With .500" Thick Disc, Non-Standard Offset and Steel Hubs

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 5 Hand Hole, 10 Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount 9.00 DC Rims with Steel Hubs

TIRE, SPARE Equal to Model Standard Front

FRONT WHEELS Disc Front Wheels; With Vendor Applied White Powder Coat Paint

REAR WHEELS Disc Front Wheels; With Vendor Applied White Powder Coat Paint

WHEEL BEARING, FRONT, LUBE (EmGard 50W) Synthetic Oil

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab behind Driver Seat; Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp total (Includes 1 Switch Pack With Latched Switches)

BDY INTG, SWITCH LATCHED 2POS (6) ROCKER, Backlit, with "ON" Indicator Mounted on Dash, for 6; Auxiliary Load 20 amp. Maximum; Power Available Only in "Ignition" or "Accessory" Position (requires 6 Remote Power Module outputs). DO NOT ORDER-FOR FACTORY USE ONLY

(4) TIRE, REAR 12R22.5 G622 RSD (GOODYEAR) 482 rev/mile, load range H, 16 ply

(3) TIRE, FRONT 315/80R22.5 G287 MSA (GOODYEAR) 485 REV/MILE, LOAD RANGE 1, 20 PLY

WARRANTY Heavy Duty Standard

Two (2) years Online Parts & Service

Five (5) year Allison Warranty

Five (5) year (60 month) 150,000 miles, 5400 hrs Engine; Includes Engine Electronics and Injectors

Two (2) Mounted rear spare tires and rims

Please specify delivery date as time is of the essence and will be taken into consideration in bid award

## Combination Dump Body/Material Spreader and Snow Plow Hitch Specifications

These are the minimum detailed specifications to describe a snow removal package to be installed on the towns six (6) wheel cab and chassis with a minimum 96 inch cab to axle measurement to be finalized based on options. The equipment will meet all requirements of set forth herein.

All deviations from this specification must be addressed by the prospective bidder in writing and submitted with bid, note their have been changes in this description.

### Body General Description

Heavy duty body serving as a dump body or transformed to a sand/salt/material spreader by means of a hydraulically tilting floor. The body will be duraclass roll formed construction no exceptions.

Description	YES	NO
<b>BODY will be TBEI DURCLASS</b>		
Capacity to be a minimum of 5.7 cubic yards water level without side boards		
Inside width to be 84 inches, 6 to 8 yard struck capacity		
Inside length to be 120 inches		
Body outside width will be 96" bodies wider than 96" will not be accepted.		
Side height 28 inches, and to include 8 inch board pockets with oak boards		
Tailgate will be aluminum construction with 1/4 turn top release pin fixed to body.		
Cab shield 21 inches, 10 gauge 201 STAINLESS steel, reinforced on both ends. CORNERS WILL INCLUDE GROTE LED LIGHTS		
Front panel to be constructed from 3/16" 201 STAINLESS steel, reinforced by 4 full tubing type braces mount externally on front head sheet.		
Sides, constructed of 3/16" 201 STAINLESS steel, reinforced with two 10 gauge STAINLESS steel side 2 posts per side.		
Bottom of sides comes to a 45 degree formed taper		
The top tube is duraclass design formed into side welded top rail not acceptable.		
Tilt side must be single wall design serving as both outer and inner wall and moving with floor as one. Double wall designs are not acceptable.		
There will be two front and two rear corner posts made of 10 gauge 201 STAINLESS STEEL steel.		
<b>Tailgate</b>		
Constructed of aluminum sheet.		
Six panel design		
Top ears will be made of 1" stainless steel		
Top and bottom pins made of 1 1/4" cold rolled steel		
Top hinge will include greasing zerks		
Latches shall be over center design		
Tailgate will be double acting		
When tailgate is horizontal, it will be level with the floor		
Tailgate will be air operated, control will be inside cab of truck		
Tailgate to include 3 inside flush mounted stoker doors		

The body mounting along with hydraulic tank mounts will all be "Huck Bolted" this will include all mud flap mounting hardware and body guides all will be "Huck bolted" no exceptions for "Huck Bolting".

<b>Floor</b>	YES	NO
Constructed of 3/16" AR 400 steel 190,000 psi yield strength <i>No Exception</i>		
Reinforced 4" structural steel channel 12" O.C. traversing under the floor, I beam long sills. Honeycomb understructure not acceptable		
Floor hinge will be full length piano type all stainless steel welded in. The conveyor assembly is stainless steel bolted in.		
Blocks shall be grooved and fitted with grease zerks that are remote mounted to four corner location's for ease of maintenance. All extension hoses to be 2000 psi hydraulic type with swivel fittings.		
The combination of this floor hinge system and the above mentioned floor and understructure shall eliminate the need for 50/50 flow dividers or equalizing hydraulic systems. Such systems are <i>not acceptable</i>		
<b>Understructure</b>		
Two full length I beams at 25.4 lbs per ft		
<b>Longitudinal Conveyor</b>		
The conveyor is an integral part of body floor and runs longitudinally down the driver's side of the body, discharging in front of the rear wheels. Conveyor is bolt on removable type		
Conveyor frame is constructed of 3/16" corten steel.		
Removable conveyor wear plate constructed of 3/16" AR 400 steel 190,000 psi yield strength		
Conveyor cover plate in one section constructed of 3/16" AR 400 steel 190,000 psi steel reinforced with 2"x3/16" flats		
Conveyor cover plates are integral to unit and do not need to be removed from the body		
Chain maintenance system including access panel in rear apron to allow for removal of chain and slotted doghouse to allow for removal of gearbox		
<b>Chain and Driving Mechanism</b>		
Self-cleaning pintle type chain		
18 1/2" overall width		
Bar flights, 3/8"x1 1/4" spaced every other link		
All chain links are protected by integral chain guard leaving only bar flights exposed		
Chain is driven by 25:1 ratio gear box		
Gearbox assembly is installed on discharge end and is bolt on		
Front sprockets are ductile cast iron grade 60		
Driveshaft is 1 1/2" high resistant stress proof 100,000 psi steel		
Rear sprockets are ductile cast iron grade 30		
Idler shaft is 1 1/2" diameter 90,000 psi steel		
Tension of chain is adjusted by use of two stainless steel threaded rods. Adjust each.		
<b>Spinner Assembly</b>		
Spinner shaft is sealed type with motor on top		
Hydraulic motor is 30 cubic inch and is bi-rotational		
Spinner shaft contains two embedded self-greasing ball bearings		
Spinner assembly is chassis mounted and is bolt laterally adjustable and removable		
Urethane spreading disc is 18" diameter, steel discs are not acceptable		
Ultra light non-adhesive polyethylene chute feeds the spreading disc. Chute is both adjustable and removable. Chute must be chassis mounted and use a 3/8x1" flat rod with adjustable holes to maintain its adjustment.		

<b>Hoist Cylinder</b>	YES	NO
Dana hydraulic		
Capacity of 20 tons at 2000 psi		
Inverted cylinders, chrome rod only		
Chrome cylinder are acceptable only		
Hoist cradle mounting will be 4x4x1/2 angle using "Huck Bolts"		
<b>Tilt Floor Hydraulic Cylinders</b>		
Two Dana double acting cylinders		
Cylinder size is 3 1/2" diameter x 22 1/2" stroke		
Combined capacity of 19 tons at 2000 psi		
Cylinder is stainless steel rods only		
Cylinder ends contain bushings with grooves and zerks for greasing		
Pins holding cylinders in place are made from 30,000 psi cold stainless steel		
Bottom cylinder bracket must be located on passenger side I beam to provide push from a place of strength		
Top of cylinder must mount in base of passenger sidewall and have access ports from which cylinder pins may be accessed		
<b>Safety and Accessories</b>		
Ladder, appropriately braced, forgiving style, with self-cleaning steps and grab handle located at left front corner of body		
Stainless steel holder for two chock blocks		
Stainless steel shovel holder with 5/16" snapper pin		
Safety leg to hold the body in raised position		
Safety leg to hold the floor in raised position		
Eleven safety stickers		
Center mud flap to protect rear brake chambers		
Four rubber mudflaps		
Owners manual, bauer 24 18 18 stainless steel toolbox side mounted		
<b>Hydraulic System</b>		
The system is to be furnished and completely installed to power and control all hydraulic requirements satisfactorily, both independently and collectively		
Rexroth transmission mounted direct mounted.		
Control valves with Airquip test fitting (inlet with relief, plow up and down, left and right, body up, side dump up and down with down pressure relief and power beyond). Stainless steel Rexroth valve box with stainless hardware		
a valve shall be installed to operate the load cover		
the Hydraulic Load Cover, will be power cover		
The Controls are air operated with a QDB1030 DUAL DIAL for the spreader controller. body up lever safety lock, and engraved plaque to identify lever functions		
Hydraulic tank, to be mounted behind cab vertically, 37 gallon capacity, with low oil sender, breather cap, and sight/temp gauge combo valve tank enclosure		
Shut off valves, to be 1/4 turn ball shut off valves		
Return filter will be 10 micron spin on type, with 15-psi relief by-pass and conditions indicator gauge		
Hydraulic manifold, all return lines to be routed into centrally located manifold		

<b>Hydraulic System (continued)</b>	YES	NO
Hydraulic pipes to deliver and return hydraulic oil from control valve to plow functions to be, integrated, modular, 1/2" ID. Stainless steel tubing .065 wall, custom bent and mounted in cushion clamps. Not to obstruct normal maintenance items. Extended lengths of hydraulic hose will not be accepted		
Pressure and suction line to pump appropriate size to meet system requirements. Joined with hydraulic hose at flex point.		
Hydraulic hose may only be utilized at flex points and must have swivel fittings on both ends for ease of replacement if necessary.		
<b>Electrical and Lighting</b>		
Plow lights will be Truck Lite #80800 mounted on the hood with custom stainless steel fender brackets		
A Trucklight completely sealed system with Truck Lite junction box, all terminals coated with silicone dielectric grease		
Premium Electrical System with the following: Trucklight lighting system with complete independent electrical circuitry utilizing a constant duty solenoid, buss bar, and circuit breakers mounted in enclosed box in cab		
Laminated Electrical Schematics of allied lighting shall be included		
Spinner light - Truck Lite		
Load light - Truck Lite		
ICC lighting - Trucklight with Lexan, heat and shatter resistant lenses		
Back up alarm - audible SA917 B4 ECCO		
Body up alarm - visual and audible		
Trailer plug - Cole Hersey #1235		
All auxiliary electrical components to be powered by self-contained, circuit breaker protected, electrical distribution system		
<b>Strobe System</b>		
GROTE LED LIGHT with front dual head LED and rear post with rear side post LED The GROTE lights will include full length harness run in conduit. lights are in recessed stainless steel boses mounted in rear corner posts of dump body.		
<b>Load Cover</b>		
Hydraulically operated via the Central Hydraulic System		
Asphalt Canvas - By Power Cover of Waterbury. No exceptions. With 2 year warranty. MTD by Power Cover		
<b>Plow Frame:</b>		
Shall be manufactured by a recognized snow plow manufacturer--HENDERSON		
Frame attachment shall be manufactured in such a way as to allow the hood of a chassis fitted with a tilt engine cowl and stationary grill work to tild forward over the upper portion of such attachment		
Side plates 5/8" thick, reinforced and bolted as front frame extension		
Plow hitch assembled and mounted with "HUCK BOLTS" no exceptions		
Top cross members and vertical risers shall be constructed of 4"x3"x1/2" angle		
Bottom member is to be of 15"x4 1/2"x 1/2" C-Channel, interlaced with vertical members. dual push 30.5" OC with three (3) HOLES plate to be 1 inch heights. Cylinder base mounting bracket will be mounted to this member		
Lift yolk to be constructed of 1/2" steel sides to form a frame 1 1/8" tube for pivot and 1/4" plate for top. Yolk to pivot on a 1" diameter full width bolt with castle nut and cotter pin.		
Cylinder to be double acting, 4" bore x 10" stroke		

<b>Snow Plow: 1136 trip edge type HENDERSON ONLY</b>	YES	NO
The moldboard shall be a height of 36" with an 11' length		
The top edge of the plow constructed of 1.5"x2.5"x1/4" steel tubing		
There shall be seven 3/8" flat steel vertical ribs starting out at 7 3/4" wide at the base of moldboard reduced to 2 1/4" at the top. The vertical ribs are to be solid welded to the top of the tubing.		
Bottom horizontal reinforcement constructed of 4"x7"x1/2" steel with 3/8" thick flat steel welded to the edge of the tubing		
A-frame to be constructed of 4"x4"x3/8" reinforced tubular steel		
Main frame support to be constructed of 4"x4"x3/8" reinforced tube connected to a reversing table of 1/2" thick		
Two adjustable bars with three attack angles for applicable snow conditions		
A heavy duty 36"x4"x3/4" swivel bar with 1" thick revited built-in stops to allow for 25 degree swivel. Swivel bar connected to A-frame via 1" grade 5 bolt		
Push frame shall have dual 3"x15" dual acting cylinders		
cushion valve style		
Torsion type adjustable with tool to be provided 1 per plow		
Backer angle shall be 4"x6"x3/4" reinforced steel supported by six 5/8" heavy duty bushing and gussets and reinforcement kit.		
Extension springs are not acceptable.		
Plow face shall be highway orange. Entire plow assembly shall be primed and finished with black powder coat		
<b>Paint</b>		
All non stainless body parts requiring paint shall be sand blasted, primed, and POWDER COAT		
All spot painting shall be properly prepared and primed before the finish coat is applied		

**The package will include all the following items also.**

1. 20 Ton Pintle Assy on 3/4" plate with D-rings & Electric Plus glad hands \_\_\_\_\_
  2. SHOVEL HOLDER, PRY BAR HOLDER AND CONE HOLDER. \_\_\_\_\_
  - 3.the unit will be completely functional and full of bio-blend hydraulic fluid \_\_\_\_\_
  4. gear box drive to be full with lubriplate \_\_\_\_\_
  - 5.The bodies will include a 10 inch stainless steel bolt on apron. \_\_\_\_\_
  - 6.The chassis and all affected steel will be painted with continental 2 part epoxy black rust protection with 3 mil thickness \_\_\_\_\_
  7. Their will be a inside step with inside handle on the driverside corner. \_\_\_\_\_
  8. St pieere double roller stlye tire chains \_\_\_\_\_
- Total for the above package \$ \_\_\_\_\_

Option: \_\_\_\_\_  
supply and install one 290 gallon frame mounted behind the cab liquid tank with pre-wet spray nozzles and a rexroth 550 lite electronic controled spreader upgrade and all plumbing. ADD \$ \_\_\_\_\_

**TOWN OF STRATFORD**  
**BID SHEET**  
BID # 2014-067

DESCRIPTION : International Truck Chassis with Dump Body

Total Price for chassis and body \$ \_\_\_\_\_

**Attach a detailed list of specifications (including make and model).**

**Bidder shall note in writing any deviations from the bid requirements. Failure to do so may be just cause for rejection of vendor's bid as being nonresponsive.**

Bidder's Name : \_\_\_\_\_

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

\_\_\_\_\_

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

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

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

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

References (at least three, including contact name and phone) :

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_