

# LEGAL NOTICE

## INVITATION to BID

The Town of Ridgefield invites all interested parties to submit sealed bids on the following :

**Bid DUE DATE:** April 26, 2016

**Bid DUE TIME:** 11:00 am

**Bid ITEM:** 2016 International Terra StarTruck with Service Crane Body

**Bid NUMBER:** 16 - 34

Terms and conditions as well as the description of items being bid are stated in the specifications.  
**Specifications may be obtained at the following address:**

Town Of Ridgefield  
Jerry Gay  
400 Main Street  
Ridgefield, CT. 06877  
203 - 431 - 2720

Or downloaded from [www.ridgefieldct.org](http://www.ridgefieldct.org) in Purchasing section under Departments

The return bid envelope must be marked and addressed to the following:

TOWN OF RIDGEFIELD  
DIRECTOR OF PURCHASING  
RFP NUMBER: 16 - 34  
400 MAIN STREET  
RIDGEFIELD, CT. 06877

Proposals must be received no later than the date and time stated above at the Purchasing Director's office on the second floor. **For further information**, please call **Jerry Gay at (203) 431-2720 or E-Mail at [purchasing@ridgefieldct.org](mailto:purchasing@ridgefieldct.org)**

**Bid Documents available at [www.ridgefieldct.org](http://www.ridgefieldct.org) in Purchasing section under Departments**

**Results may be viewed at [www.ridgefieldct.org](http://www.ridgefieldct.org) in the Purchasing Section under Departments**

# TOWN OF RIDGEFIELD CONNECTICUT

## BOARD OF SELECTMAN

### INSTRUCTIONS TO BIDDERS

1. Submit proposals in a sealed envelope plainly marked with bid number to identify this particular proposal.
2. Withdrawals of or amendments to bids received later than the time and date specified for bid opening will not be considered.
3. The Board of Selectman of the Town of Ridgefield reserves the right to accept or reject any or all options, bids or proposals; to waive any technicality in any bid or part thereof, and to accept any bid deemed to be in the best interest of the Town of Ridgefield, Connecticut.
4. Bidders may be present at the opening of bids.
5. Bids may be held by the Town of Ridgefield for a period not to exceed sixty (60) days from the opening of bids for the purpose of reviewing the bids and investigating the qualifications of bidders prior to the awarding of the contract.
6. Insurance requirements, if any, must be submitted with the bid. This includes any Hold Harmless requirements as well as Certificates of Insurance, if required, for the full amounts specified. **Unauthorized changes** to these forms, i.e. adding, striking out and/or changing any words, language or limits **will cause the bidder to be disqualified.**

**Please Note** : Certificates of Insurance, if required, **MUST** name the Town of Ridgefield as "**Additional Insured**". Failure to do so may mean disqualification from the Bid.

**APPENDIX - HOLD HARMLESS AGREEMENT**

The undersigned covenants and agrees to and shall at all times indemnify, protect and save harmless the Town of Ridgefield from and against all costs or expenses resulting from any and all losses, damages, detriments, claims, demands, cost and charges including attorneys fees the Town of Ridgefield may directly or indirectly suffer, sustain or be subjected to by reason or on account of the work to be performed pursuant to this Contract or any activities in connection with said Contract whether such losses and damages be suffered or sustained by the Town of Ridgefield directly or by its employees, licenses or invitees or be suffered or sustained by other persons or corporations who may seek to hold the Town of Ridgefield liable therefore.

The Contractor shall comply with the Provisions of the Immigration Reform and Control Act of 1986 effective and enforceable as of June 6, 1987 which Act makes unlawful the hiring for employment or subcontracting individuals failing to provide documentation of legal eligibility to work in the United States. The Contractor shall hold the Town of Ridgefield harmless for the failure of the Contractor to comply with the provisions of said Act.

IN WITNESS WHEREOF, the parties hereto have set their

hand and seal this the \_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Company Business Name

Signed, Sealed and Delivered in the  
Presence of:

Signed:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Printed Name

**Town of Ridgefield Water Pollution Control Authority (WPCA)**

**Due April 26, 2016 at 11am**

**Bid 16 - 34, 2016 Terra Star International truck with Dealer installed Service Crane Body**

The Town of Ridgefield and Ridgefield WPCA is requesting sealed bids for a new 2016 International Terra star 85.5" CA with Allison Transmission truck as described below, with DEALER FACTORY INSTALLED Service crane body as described, with "Or Equal" status on Crane Body ONLY, to be delivered to 22 South Street, Ridgefield, CT 06877

**No other make of trucks will be considered other than the International**

Sealed Bids must be received by April 26, 2016 by 11am, where they will be publicly opened. Vendors shall state expected delivery time from when the order has been given for each vehicle they propose.

Vendors may submit pricing in a manner of their choosing on their own letterhead, including all contact information. Vendors may submit multiple proposals for different options that may apply.

Only the truck specified will be considered. **"Or Equal" status of makes other International will not be considered.**

The service crane is specified as a Stellar brand and is the preferred crane of choice. "Or Equal" status will be accepted ONLY if all the major components meet or exceed the Stellar specifications. A Palfinger Model PSC6029 of similar size and capacity shall be deemed acceptable, but the Town and WPCA reserves the right to accept a submission that includes the Stella Model, if it is deemed in the best interests of the Town and is determined to be a best value, even if the total cost is higher. The Town & WPCA shall be the sole judge in accepting "Or Equal" status on other makes of Cranes and determining Best Value for the Town and in making the over-all award.

The Service Crane body **MUST** be authorized dealer installed to insure all connections and parts are mated to the truck in proper fashion. Third party installations will not be accepted. By placing a bid, the vendor is **certifying** this will be an authorized dealer installation for the crane service body. Vendors shall list the dealer that will be performing the crane installation.

Exterior color – Truck & Crane body preferred color is to be Red. White may also be considered at the Town's discretion. Any other colors will need to be painted red at Dealer cost and included as part of their bid price.

The truck shall be outfitted with a Honda model # EG5000CLT 4500 watt generator.

The truck shall be fitted with appropriate hydraulic outriggers for stabilization during crane usage

The truck shall have a Reese Class IV Tow package with a PM878 adapter and BH82516 Hook with fitted with a RPV 7 pin wiring harness, or reasonable OR Equal.

The Town & WPCA are requesting a new truck, and will consider a vehicle already built and on the lot depending upon price and actual features on the truck. Minor differences will be deemed acceptable and allowed, at the Towns discretion. Vendors shall provide a detail spec sheet of all features for any vehicle already built and on a lot and shall list any differences from the listed specifications

**Town of Ridgefield**

**Bid 16 - 34 - Standard items to be included Truck / Chassis specifications:**

The following is a description of equipment to be installed on a International Terra star 4x4 84.5" CA chassis for Ridgefield CT. The chassis will have a 84.5" CA usable and an Allison transmission. The completed vehicle will be used for maintenance.

Truck Frame 80,000lb. steel 7.37" x 3.079" with transition to 9.125" x .312" thickness full length one piece with reinforcement.  
Too include full width front bumper and 2 front tow hooks  
Front axle will be Dana Spicer 70-273 front drive axle with 8000lb. capacity  
Springs front parabolic taper leaf 8000lb. capacity with shock absorbers  
Front axle will include synthetic lube, tires front 225/70R19.5012ply 647RSS GOODYEAR  
Front disc brakes 15.35x1.54 with rotors and dual piston 2.36 diameter minimum  
Front axle to include skid plate to protect transfer case from ground  
Hydraulic split brake system with TRW abs three channel abs  
Steering 18inch 2 spoke with Sheppard MD83 power steering  
Tilt steering column  
Single horizontal exhaust with after treatment device frame mounted  
Exhaust brake for maxforce 7 v8 engine, to include 3 position switch for on/cancel inhibit regen stable in center with auto reset when ignition is cycled  
120 amp alternator 12 volt pad mounted LBP 2224H brush type  
Body builder wiring effects standard to rear of chassis and left frame under cab  
2-12 volt 1100CCA batteries mounted understep with jump start stud factory mounted outside battery box.  
Radio AMFM WB clock with multiple speakers stereo type  
Aux. Harness factory installed with 3 foot long plow light wiring effects  
Test exterior lamps pretrip switch except for back up  
6 pack switches dash mounted with 20 amp max per switch channel for circuits with box mounted in cab behind the seat  
Indicator LOW coolant with alarm visual and audible  
Delco Starter motor with over crank protection Delco 29MT  
Manual reset circuit breakers  
Cigar lighter with ash cup  
Grille dark grey molded plastic  
Nose/Hood 3 piece tilting fiberglass  
Premium paint one color base coat clear coat White to match International Fleet  
Max Force 7- 300 hp 2800 governed with 300 hp @ 2600 rpm 660 ft lbs. torque  
Fan drive borg warner 790 viscous type screw on

Town of Ridgefield

**Bid 16-34 – Truck specifications continued**

Radiator 697" CAC 225 with oil cooler aluminum 2 row cross flow side by side system with in tank oil cooler  
Air cleaner with service protection indicator  
Engine speed controller steering wheel mounted  
ACC special road speed controller wire  
2010 Max force emissions, emissions compliant federal  
OBD compliance 2013 diagnostics  
Eng block heater Phillips 120 volt 1000 watt  
Allison XMSN 1000 RDS 6 speed transmission with overdrive park pawl close ratio for on off highway use 19,500 gvw rating  
Fabco TC 28 Two speed transfer case with synthetic oil electric shift 3600 ft.lb. Torque rating  
Allison shift control Primary performance program  
Dana Spicer S110 13,500 single reduction rear axle with 160 wheel ends, 13,500 gvw spring rating and synthetic oil, rear tires 225/70r19.5 G622RSD 12 ply.  
Fuel tank top draw Rectangular 40 gallon mounted inside frame rail  
English dash cluster with electronic speedo, oil temp gauge trans, IP cluster display diagnostic on board  
Driver seat Gray, mag 12 volt air ride suspension type  
Passenger seat Gray, mag non suspension  
Both seats high back with head rest built in  
2-mirrors black heated with 7.44x14.84 lenz and convex both sides with break away brackets and thermostatic control heads  
Seat belts red in color 1 per seated position  
Heater with blend air AC and defroster  
Center dash section flat  
HVAC fresh air replaceable filter  
Cab interior deluxe  
Snow type wiper blades  
Conventional style cab with floor matts and seals  
Front and rear rim 19.5x6disc 10 hole hub piloted  
Terra Star Standard Warranty 36 month 36,000 miles  
Red extended life coolant  
VEPS 3 way warning lights for low oil pressure coolant temp and coolant level  
Cab access 2 steps per door driver and passenger side  
Too include Tachometer interior dome lights DRL's Snow plow light switch factory installed multiplex 6 pack switches multiplex with in cab control box  
Wait to start dash cluster light  
Dash cluster engine warning light engine ready to shut down  
Dash cluster indicator Exhaust hi temp, Exhaust filter clogged DPF filter

**Stellar T1 - 11' Heavy Duty Crane Body**  
**"Or equal" with major component specifications being met**

SCOPE: It is the intent of this specification to describe an 11' heavy duty crane body with Stellar hydraulically actuated wireless crane with the following minimum specifications considered necessary to perform the work assigned. The body shall be a Stellar T1-11' Heavy Duty Crane Body, Or Equal, capable of road side services needing lifting services. The body must be manufactured in the United States and must be **factory installed** with a dealership service center within 100 miles of the Town of Ridgefield and have a fully stocked parts department of any part that may be needed. Said dealership must also have factory trained service technicians.

GENERAL: All equipment furnished under this contract shall be new and unused, and the same as the manufacturers current production model. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. The equipment furnished shall conform to all ANSI Safety Standards A245.1-1984.

**BID SPECIFICATIONS**

Bidder Shall Complete the Following

If No, State Specifically the Item being Offered

**T1 - 11' Heavy Duty Crane Body Including Wireless 6000 lbs Crane System**  
**Designed for 84" CA Chassis - 15,000 to 19,000 GVW**

The following specification information is designed to assist equipment purchasers in preparing bid specifications using the Stellar T1 Heavy Duty Crane Body.

- **Overall Description** Stellar model T1-11' - Heavy Duty Crane Body, 22" deep X 44" high side compartment, 50" wide floor w/o wheel well boxes, body to have one large street side first vertical compartment with internal bolt in vertical divider and dual overlapping doors, one curb side first vertical compartment with dual overlapping doors raised to 60", one curbside vertical compartment with shelf standards, one horizontal compartment over the wheel on both sides of the body with dual overlapping doors, one rear vertical compartment on both sides of the body to the rear of the wheel. Curb side rear compartment rated to accept 38,000 ft. lb. corner mount crane. Body to include rear grab handles, boxes to mount rear lighting, and molded rubber fender trim. Yes \_\_\_\_\_ No \_\_\_\_\_
- **Body Shell** Heavy-duty, fully welded 1/8" steel tread plate on compartment tops and backs, 12ga./14ga two-sided A40 galvanized compartments. Compartment bottom panels and end panels are 12ga. Yes \_\_\_\_\_ No \_\_\_\_\_
- **Understructure** Torsion box understructure, 8"x12ga. Longitudinal torsion box includes 1/8" tread plate top floor and two 8"longitudinal reinforcements. Two 8"x 3"x 1/4" tube cross members attached to crane reinforcement, one 3"x 2"x 1/8" cross member at front of wheel well. Yes \_\_\_\_\_ No \_\_\_\_\_
- **Floor** 1/8" steel tread plate floor with 1 3/8" return flange on each side. Side compartment back panel overlapping and interlocking with floor flange, to provide support for weight of side compartment. Full length welded. Provides 37 square feet of storage. Four flush mount tie downs in floor, 6000 pound capacity each. Yes \_\_\_\_\_ No \_\_\_\_\_
- **Crane Compartment** 1/4" steel walls with 3/4" top plate. 4" x 1/2" top plate supports. Predrilled for Stellar cranes. Crane compartment to be isolated from the sheet metal forward compartments by a minimum of 1/2"space to prevent side pack twisting while operating crane. Yes \_\_\_\_\_ No \_\_\_\_\_
- **Tailgate** 12" high 12ga. two-sided A40 galvanized steel construction with over center side supports that hold tailgate open in the horizontal position and flush with the load bed. Side supports provide positive latching when gate is closed  
Yes \_\_\_\_\_ No \_\_\_\_\_

**Work Bench Bumper**

Rear workbench surface 21"x 76" x 1/4" steel smooth plate with 1 1/2" overhang at rear to allow clamping. Receiver for vise mounting plate and vise mounting plate included. Side gussets on workbench held forward to allow long items to extend beyond body width. Receiver hitch for 2" insert and safety chain eyes included. Thru compartment under workbench with access doors on each side and latched with stainless steel T handle latches.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Outrigger Receiver**

6"x 4"x 3/8" wall tube.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Doors**

14ga. outer panel with 20ga inner panel two-sided A40 galvaneal steel with hat section reinforcements between panels( no exterior welds visible on door panel). (12ga equivalent strength.) Door hinges are riveted to the compartments .

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Hinges**

Corrosion resistant all stainless steel continuous hinges to provide full length support for the doors and pry-proof security with a built-in weather shield. Hinge to be spot-welded to the door . Supported with a five-year warranty.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Door Latches**

Polished stainless steel 3-point "T" handle latches. Attached with stainless steel rivets incorporating stainless mandrels. Supported with a five-year warranty.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Door Seals**

Automotive "bulb type" neoprene inner door seal to be installed as the primary door seal. Secondary door seal installed on outer door perimeter to provide additional seal and prevent door contact with body.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Door Retainer**

Double spring over center door retainers on all vertical doors, retains door in positive open or closed position.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Master Locking System**

Body to include master door locking mechanism. All doors to be locked at a single location one curb side and one street side.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Shelving**

18ga. bright spangled galvanized shelves with slotted hemmed dividers on 4" centers. Includes three dividers. Maximum 250lb. capacity rating.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Lighting**

Lighting to meet all FMVSS-108 standards. Wiring harness to be encased in woven loom, all wires labeled for ease of trouble shooting and all wire terminals to be automotive type connections.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Wire Harness**

Wire harness system installed to accommodate crane and compressor installation and to allow the addition of compartment, floodlight and emergency lighting options options. Wiring harness to be encased in woven loom, all wires labeled for ease of troubleshooting and all wire terminals to be automotive type connections.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Exterior Prime Paint**

Body is to be completely immersed in electrodeposition gray epoxy prime paint featuring zinc phosphate precoat and seal for additional corrosion protection. Prime paint is to be oven cured to provide a hard durable finish. (Other types of prime paint are not acceptable)

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Interior Paint**

Interior paint to be mid-gloss, mar resistant, light gray finish on primed bodies. Finished white on painted bodies.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Undercoating**

Body to be completely undercoated using three (3) mils of petroleum base or equivalent material.

Yes \_\_\_\_\_ No \_\_\_\_\_

• **Warranty**

The following items to be covered by a minimum five (5) year limited warranty to first owner/user of record.

Yes \_\_\_\_\_ No \_\_\_\_\_

**No Rust-Thru Guarantee**

**Continuous Door Hinge** – Guaranteed not to fail to operate or come off product

**Latches and Lock Cylinders** – Unconditional guarantee against failure

**Shelves** – Guaranteed not to fail in bending under maximum 250lb. rated load.

**Crane Compartment and Understructure** – Two-year structural warranty with 38,000 ft. lb. crane maximum.

## Continue HD Lifting Crane Stellar Model 6620

	Meets?	
	YES	NO
<b>1. General Crane Specifications to be Stellar HD lifting Crane</b>		
<b>1.01 Ft. lb. Rating:</b> The crane lifting moment shall be 38,000 ft. lbs.		
<b>1.02 Stowed Crane Length:</b> Overall crane storage length shall be 10'9"		
<b>1.03 Stowed Crane Height:</b> Crane stowed height to be 32.19"		
<b>1.04 Stowed Crane Width:</b> Crane stowed width to be 22.11"		
<b>1.05 Horizontal Center of Gravity:</b> Horizontal center of gravity to be 38.50" from centerline of rotation		
<b>1.06 Vertical Center of Gravity:</b> Vertical center of gravity to be 15.81" from crane base		
<b>1.07 Crane Weight:</b> Crane weight shall not exceed 1625 lbs.		
<b>1.08 Mounting Space:</b> Mounting space shall not exceed 20'w x 21"L		
<b>1.09 Mounting Hole Pattern:</b> Mounting hole pattern to be unique 6 hole design.		
<b>1.11 Max Horizontal Reach:</b> Crane shall have 20'9" of hydraulic horizontal reach. Crane must have two hydraulic extensions.		
<b>1.12 Max Vertical Reach:</b> Crane shall have 22'00" of vertical reach above the crane base.		
<b>1.14 Hydraulic Rotation:</b> Crane shall have 400 degree rotation system with a steel ball bearing ring gear, driven by a steel worm gear encased in a cast iron worm gear housing. Base assembly to be made of high strength cast iron. Worm gear to be powered by a high torque hydraulic motor.		
<b>1.15 Lifting Capacity:</b> Crane shall be capable of lifting 6,000 lbs. @ 6.33 ft. from centerline of rotation.		
Exception(s) Detail:		
<b>2. Boom Specifications</b>	<b>YES</b>	<b>NO</b>
<b>2.01 Extension Reach:</b> Crane shall be equipped with two hydraulic extensions. Extensions to be high strength hexagonal shaped designed to limit boom flex during lifting. Maximum reach to be 20'9".		
<b>2.02 Boom Elevation:</b> Boom elevation articulation shall be -5 degrees to + 80 degrees		
<b>2.02 Boom Design:</b> Main boom and extension booms shall be high strength hexagonal booms.		
<b>2.03 Flip Sheave:</b> Stellar Model 6620 incorporates a flip sheave horse head to allow for smaller profile for confined spaces.		

<p><b>2.04 Wear Pads:</b> Booms shall have high strength polymer wear pads between booms to ensure proper boom placement and functionality. Metal boom wear pads are not acceptable.</p>		
<p>Exception(s) Detail:</p>		
<p><b>3. Winch Specifications</b></p>	<p>YES</p>	<p>NO</p>
<p><b>3.01 Planetary Winch System:</b> High efficiency planetary winch driven by a high torque hydraulic motor. Winch to have stainless steel sleeves providing corrosion resistance for winch drum seals. Drum seals to be rubber coated. Winch to have maximum single part line capacity of 3000 lbs., two-part line capacity of 6000 lbs. Maximum single-part line speed of 60 ft/min.</p>		
<p><b>3.02 Wire Rope:</b> Wire rope shall be 5/16" - 6 x 19 IWRC DGXIP.</p>		
<p><b>3.03 Crane Hook and Snatch Block:</b> Snatch block must activate ATB device. Sheave must be specifically designed for 5/16" wire rope as per ANSI B30.5. Crane hook must meet ANSI B30.5.</p>		
<p><b>3.04 Winch Brake:</b> Winch brake to be static/dynamic brake to eliminate counterbalance valve. Internal check valve drain motor case and brake cooling oil, eliminating requirement for extra drain line. Winch to have advanced graphite resin brake friction discs, endures exposure to water contamination without disintegrating, endures high temperatures in heavy-duty applications, starts smoothly and provides exceptional low speed control because of nominal differences between static and dynamic coefficients of friction. Winch to have high performance Teflon brake shaft seal, which endures excessive back pressure and high operating speeds.</p>		
<p>Exception(s) Detail:</p>		
<p><b>4. Hydraulic System Specifications</b></p>	<p>YES</p>	<p>NO</p>
<p><b>4.01 Hydraulic System:</b> Open center hydraulic system.</p>		
<p><b>4.02 GPM Rating:</b> 8 GPM</p>		
<p><b>4.03 PSI Rating:</b> 3000 PSI</p>		
<p><b>4.04 Valve Bank:</b> Crane control valve to incorporate proportional inlet valve and four on/off four way - three position cartridge valves incorporated into a machined high strength aluminum valve block.</p>		
<p><b>4.05 Cylinders:</b> All cylinders shall be specifically designed for purpose on crane. Each cylinder to have counter balance valve to prevent cylinder collapse in case of hose failure.</p>		
<p>Exception(s) Detail:</p>		

5. Control System Specifications	YES	NO
<p><b>5.01 Radio System:</b> Radio remote system to be Stellar 900 GHz. Radio shall incorporate a proportional trigger to "feather" the crane speed. Radio to have four three position toggle switches to control the four main crane functions. Radio to have ability to ramp up engine speed, turn compressor on / off, and also start and stop the truck engine. Radio to have round magnet on back of radio handle to allow operator to store radio transmitter on metal surface.</p>		
Exception(s) Detail:		
6. Safety Specifications	YES	NO
<p><b>6.01 Overload:</b> Crane shall offer overload shutdown system which prevents crane movement into a position that would increase load moment of the crane when it enters an overload situation.</p>		
<p><b>6.02 Counter Balance Valves:</b> All cylinders to have counter balance valves to prevent cylinder collapse in case of hose failure.</p>		
<p><b>6.03 Anti Two-Block:</b> Crane to have either a bar style or chain style ATB device to prevent snatch block from touching boom horse head.</p>		
Exception(s) Detail:		
7. Paint Specifications	YES	NO
<p><b>7.01 Finish Paint Coating:</b> Crane to be primed with DuPont primer with a top coat of DuPont Imron 5000 paint.</p>		
Exception(s) Detail:		
8. Manufacturing Specifications	YES	NO
<p><b>8.01 Origin of Manufacture:</b> Crane shall be manufactured in the USA. Foreign manufacture is not acceptable and Must have Stocking Dealer with in 100 miles of the Town of Ridgefield.</p>		
Exception(s) Detail:		