

**TOWN OF LINCOLN  
INVITATION TO BID  
MOTOR VEHICLES  
RFP #2012-16**

**Sealed Bids are due on February 10, 2012 at 10:00 am**

Information is available online at

[www.lincolnri.org/departments/purchasing.asp](http://www.lincolnri.org/departments/purchasing.asp)

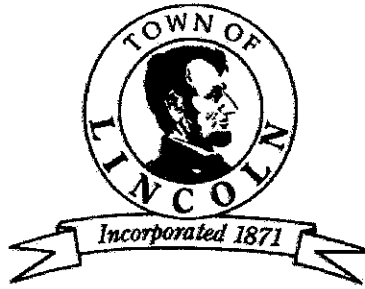
or can be obtained at:

Lincoln Town Hall

100 Old River Road

Lincoln, RI 02865

Hours 8:30 a.m. – 4:30 p.m.



**TOWN OF LINCOLN  
INVITATION TO BID  
MOTOR VEHICLES  
RFP #2012-16**

The Town of Lincoln, RI invites sealed bids from qualified companies for quotes on the following vehicles:

- (1) 2012 – Ford F-150
- (1) 2012 – Ford F-450
- (1) 2012- Ford Escape
- (1) 2011- Ford Ranger XLT
- (1) 2011- Ford Ranger Sport
- (1) 2012-International Construction Dump

Sealed bids will be received by the Purchasing Agent until **10:00 a.m. on Friday, February 10, 2012** at which time they will be opened publicly and read at the Town of Lincoln Council Chambers in the Lincoln Town Hall at 100 Old River Road, Lincoln, RI. Vehicle profiles are attached for all vehicles.

The invitation to bid will be available online at [www.lincolnri.org/departments/purchasing/asp](http://www.lincolnri.org/departments/purchasing/asp) or at the Purchasing Office, Town of Lincoln – Town Hall, 100 Old River Road, Lincoln, RI 02865 between the hours of 8:30 a.m. and 4:30 p.m. Two (2) copies of the submitted bids are to be placed in a sealed envelope and clearly marked MOTOR VEHICLES and be addressed to John Ward, Finance Director, c/o Town of Lincoln, 100 Old River Road, P.O. Box 100, Lincoln, RI 02865. No proposals will be accepted after the date and time specified. The Town of Lincoln reserves the right to accept or reject, without prejudice, any or all proposals or to waive any irregularities therein, or to accept the proposal deemed to be in the best interest of the town of Lincoln. Individuals requesting interpreter service for the hearing impaired must request such service 72 hours in advance of this scheduled opening.

John Ward – Finance Director  
Town of Lincoln, RI

**BID PROPOSAL**

TO: JOHN WARD, FINANCE DIRECTOR  
TOWN OF LINCOLN  
100 OLD RIVER ROAD  
P.O. BOX 100  
LINCOLN, RI 02865

WE, THE UNDERSIGNED, PROPOSE TO FURNISH TO THE TOWN OF LINCOLN  
PER ATTACHED SPECIFICATIONS FOR THE PRICE(S) STATED BELOW:

**2012 Ford F-150**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

**2012 Ford F-450**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

**2012 Ford Escape**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

**2011 Ford Ranger XLT**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

**2011 Ford Ranger Sport**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

**2012 International Dump Truck**

PRICE IN FIGURES: \_\_\_\_\_

PRICE IN WORDS: \_\_\_\_\_

DELIVERY: \_\_\_\_\_ CALENDAR DAYS ARO.

ACKNOWLEDGEMENT OF ADDENDA: \_\_\_\_\_

DID YOU DEVIATE FROM THE SPECIFICATIONS IN ANY WAY:    YES    NO  
(IF YES, YOU MUST SUBMIT DETAILED DESCRIPTIONS OF ALL DEVIATIONS)

BY: \_\_\_\_\_  
(SIGNATURE)

\_\_\_\_\_  
(COMPANY NAME)

\_\_\_\_\_  
(PRINT NAME AND TITLE)

\_\_\_\_\_  
(ADDRESS)

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(TELEPHONE)

## TOWN OF LINCOLN GENERAL SPECIFICATIONS

### 1. SUBMITTAL

Sealed bids (proposals) will be accepted in the office of the Finance Director, Town Hall, Lincoln, Rhode Island, until the time indicated on the attached advertisement for bids, for the commodities, equipment or services listed in the specifications; and will be then publicly opened and read at the prescribed time in the Town Hall Council Chambers.

### 2. FORM OF BID

Proposals shall be submitted on the bid form provided within the invitation to bid package. The bidder is to copy the form, fill it out, and submit it in duplicate with the 5% bid bond and the list of references.

### 3. SUBMISSION OF BIDS

- a) Envelopes containing bids must be sealed and addressed to the Finance Director, Lincoln Town Hall, 100 Old River Road, P.O. Box 100, Lincoln, RI 02865 and must be marked with the name and address of the bidder, date and hour of opening, and name of item in bid call.
- b) The Purchasing Agent will decide when the specified time has arrived to open bids, and no bid received thereafter will be considered.
- c) Any bidder may withdraw his bid by written request at any time prior to the advertised time for opening. Telephone bids, amendments, or withdrawals will not be accepted.
- d) Unless otherwise specified, no bid may be withdrawn for a period of thirty (30) days from time of bid opening.
- e) Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it has been opened.
- f) Proposals received prior to the time opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a proposal not properly addressed and identified.
- g) Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder shall indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

4. RHODE ISLAND SALES TAX

The Town is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph 1, as amended.

5. FEDERAL EXCISE TAXES

The Town is exempt from the payment of any excise tax or federal transportation taxes. The price bid must be exclusive of taxes and will be so construed.

6. QUALIFICATION OF BIDDERS

The Town may make such investigations as it deems necessary to determine the ability of the bidder to perform the work. The bidder shall furnish the Town with all such information and data for the purpose as may be requested.

7. ADDENDA AND INTERPRETATIONS

No interpretation on the meaning of the plans, specifications or other contract document will be made to any bidder orally. Every request for such interpretations should be in writing addressed to the Town of Lincoln; Office of the Finance Director, 100 Old River Road, P.O. Box 100, Lincoln, RI 02865 and to be given consideration must be received at least seven (7) days prior to the date fixed for the opening of the bids.

8. DELIVERY

All bids are to be **From Origin of Business** to various locations within the Town of Lincoln, delivery to be supplied with the Purchase Order. No extra charges for delivery, handling or other services will be honored. Only inside delivery and set-up, where required, will be accepted. **TAILGATE DELIVERIES WILL BE REFUSED.** The vendor must notify the Town of Lincoln 24 hours prior to delivery. All claims for damage in transit shall be the responsibility of the successful bidder. The Town will not make payment on damaged goods, they must be replaced or adjustments made at the option of the Town. The Town of Lincoln is only represented by the Finance Director in these matters and that division, or its appointed representative or agent, shall be the only entity to negotiate any settlements. Deliveries must be made during normal working hours.

Bid price, where applicable, is to include the cost of uncrating and setting in place. Bid price, where applicable, is to include installation.

9. BID SECURITY

Each bid must be accompanied by bid security in the form of certified check, cashier's check, treasurer's check, or bid bond in the amount of five (5%) percent of the total bid.

## NOTICE TO VENDORS

1. Contracts shall be awarded by the Town Council to the lowest responsible bidder. In determining "lowest responsible bidder", in addition to price, the Town Council may consider:
  - The ability, capacity and skill of the bidder to perform the contract or provide the service required;
  - Whether the bidder can perform the contract or provide the service promptly or within the time specified without delay or interference;
  - The character, integrity, reputation, judgment, experience and efficiency of the bidder;
  - The quality of performance of previous contracts or services;
  - Previous and existing compliance by the bidder with laws and ordinances relating to the contract or service;
  - The sufficiency of the financial resources and ability of the bidder to perform the contract or provide the service;
  - The quality, availability and adaptability of the supplies or contractual services to the particular use required;
  - The ability of the bidder to provide future maintenance and service for the use of the subject contract;
  - The number and scope of conditions attached to the bid.
2. No proposal will be accepted if made in collusion with any other bidder.
3. A bidder who is an out-of-state corporation shall qualify or register to transact business in this State, in accordance with RI General Laws (as amended), Sections 7-1.1-99, 7-1.1-105, and 7-1.1-106.
4. The Town of Lincoln reserves the right to reject any and all bid(s).
5. In determining the lowest responsible bidder, cash discounts for payment less than thirty (30) days will not be considered.
6. Where prices are the same, the Town of Lincoln reserves the right to award to one bidder, or to split the award.

7. Competitive prices may be obtained by all bidders attending formal bid opening. After a reasonable lapse of time, tabulation bids may be seen by applying in person at the Finance Department. Telephone or written requests for the above will not be honored.
8. As the Town of Lincoln is exempt from the payment of Federal Excise Taxes and Rhode Island Sales Tax, prices quoted are not to include these taxes.
9. In case of error in the extension of prices quoted, the unit price will govern.
10. The contractor will not be permitted to either assign or underlet the contract nor assign either legally or equitably any monies hereunder, or its claim thereto without the previous written consent of the Finance Director.
11. Delivery dates must be shown in your bid. If no delivery date is specified, it will be assumed that an immediate delivery from stock will be made.
12. A certificate of insurance shall be required of a successful vendor.
13. Bids may be submitted on an "equal" in quality basis. We reserve the right to decide equality. Bidders must indicate brand or the make being offered and submit detailed specifications if other than brand requested.
14. All vendors doing business within the Town are subject to the requirements as stated in the code of Ethics as established by the Town Ordinance No. 92-15 (9/22/92).
15. For contracts involving construction, alteration and/or repair work, the provisions of State Labor Laws concerning payment of prevailing wage rates apply. (See RI General Laws Section 37-13-1 et seq., as amended).
16. No goods should be delivered or work started without a Purchase Order.
17. The Town requests that you submit one original and one copy of your bid.
18. Compensation to the contractor for professional services shall be based upon and measured by the following elements which are set forth below:
  - The successful bidder will submit to the Town of Lincoln an invoice for each completed project no later than the 2<sup>nd</sup> week of every month. This invoice will then be added to the Town Council agenda; the council meeting is the 3<sup>rd</sup> Tuesday of every month. Following the review and acceptance of the Invoice by the Town Council, a payment will be made to the Contractor within 30 days.
  - Additional Work. If, during the performance of this Agreement, other or additional services are required for this contract, the Town may order the Contractor to perform such additional services, payment to the Contractor for the same shall be as provided above. In order to be eligible for payment for additional services, Contractor must receive, prior to commencement of work, authorization from the Town of Lincoln.

- Abandonment of Project. If the Town of Lincoln shall at any time during the performance of this Agreement, deem it necessary for the Town to abandon or involuntarily defer the work under this Agreement, the Contractor shall be entitled to compensation for any work uncompensated, work performed prior to such time. Or compensation shall be withheld if the Town deems the work performed of poor quality.
- Termination. In the event that either party shall default in its obligations to perform in accordance with this Agreement, the other party may demand, in writing to terminate this Agreement by giving 48 hours written notice.

**END OF SECTION**



## Vehicle Profile

2011 Ford Ranger

2dr 4x2 Super Cab Styleside 6' box 125.7" WB Sport (864B) (R1E)

### Powertrain

4.0L V-6 SOHC SMPI 12 valve engine with variable intake length \* 110 amp alternator \* 540 amp 58 amp hours (Ah) battery with run down protection \* 5-speed electronic automatic transmission with overdrive, lock-up \* Rear-wheel drive \* Limited slip differential, ABS & driveline traction control \* 3.55 axle ratio \* Partial stainless steel exhaust

### Steering and Suspension

Hydraulic power-assist rack and pinion steering \* 4-wheel disc brakes with front vented discs \* AdvanceTrac w/Roll Stability Control stability control with anti-roll control \* Independent front suspension \* Front short and long arm suspension \* Front anti-roll bar \* Front torsion bar springs \* HD front shocks \* Rigid rear axle \* Rear leaf suspension \* Rear leaf springs \* HD rear shocks \* Front and rear 15.0" x 7.00" machined aluminum wheels with chrome hub covers \* P235/75SR15.0 OWL AT front and rear tires \* Underbody w/crankdown mounted full-size steel spare wheel

### Safety

4-wheel anti-lock braking system \* Center high mounted stop light \* Dual airbags, seat mounted driver and passenger side-impact airbags, airbag occupancy sensor \* Front height adjustable seatbelts with front pre-tensioners \* Immobilizer, panic alarm

### Comfort and Convenience

Air conditioning \* AM/FM/Satellite, clock, seek-scan, in-dash mounted single CD, MP3 decoder, 4 speakers, fixed antenna \* Power door locks with 2 stage unlock, keyfob (front doors) keyless entry \* 2 12V DC power outlets, ashtray, front lighter element(s) location \* Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, voltmeter gauge, trip odometer \* Warning indicators include oil pressure, battery, lights on, key, low fuel, door ajar, low tire pressure \* Steering wheel with tilt adjustment \* Power front windows and fixed rear windows with light tint, driver 1-touch down \* Variable intermittent front windshield wipers \* Day-night rearview mirror \* Interior lights include dome light, illuminated entry \* Full floor console with covered storage, glove box, front cupholder, instrument panel bin, audio media storage

### Seating and Interior

Seating capacity of 4 \* Sport front seats with fixed head restraints, center armrest \* 4-way adjustable driver seat \* 4-way adjustable passenger seat \* 50-50 folding rear jump facing side seat with fold-up cushion \* Cloth faced front seats with cloth back material \* Vinyl faced rear seats with carpet back material \* Full cloth headliner, full vinyl/rubber floor covering, plastic/rubber gear shift knob

### Exterior Features

Rear splash guards, 2 skid plates, side impact beams, fully galvanized steel body material, side steps \* Body-colored fender flares \* Black side window moldings, black front windshield molding, black rear window molding \* Body-colored door handles \* Body-colored grille \* 2 doors with tailgate rear cargo door \* Class III trailering, trailer harness, trailer hitch \* Driver and passenger power remote body-colored folding outside mirrors \* Front and rear body-colored bumpers, with front black rub strip/fascia accent, rear step \* Aero-composite halogen headlamps \*

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208624 8/1/2011

**Exterior Features (Continued)**

Additional exterior lights include front fog/driving lights \* Clearcoat monotone paint

**Warranty**

Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles

**Dimensions and Capacities**

Output .....	207 hp @ 5,250 rpm	Torque .....	238 lb.-ft. @ 3,000 rpm
1st gear ratio .....	2.470	2nd gear ratio .....	1.850
3rd gear ratio .....	1.470	4th gear ratio .....	1.000
5th gear ratio .....	0.750	Reverse gear ratio .....	2.110
City/hwy .....	15 mpg/20 mpg	Curb weight .....	3,210 lbs.
GVWR .....	5,000 lbs.	Payload .....	1,330 lbs.
Front axle capacity .....	2,850 lbs.	Rear axle capacity .....	2,750 lbs.
Front spring rating .....	2,710 lbs.	Rear spring rating .....	2,600 lbs.
Towing capacity .....	5,740 lbs.	Front legroom .....	42.4 "
Rear legroom .....	39.1 "	Front headroom .....	39.2 "
Rear headroom .....	33.2 "	Front hiproom .....	52.7 "
Rear hiproom .....	18.7 "	Front shoulder room .....	54.5 "
Rear shoulder room .....	14.1 "	Passenger area volume .....	63.0 cu.ft.
Length .....	203.6 "	Body width .....	69.4 "
Body height .....	66.3 "	Wheelbase .....	125.7 "
Front tread .....	58.5 "	Rear tread .....	57.3 "
Turning radius .....	21.3 "	Fuel tank .....	19.5 gal.
Exterior cargo length .....	72.7 "	Exterior cargo minimum width .....	40.5 "
Exterior cargo volume .....	37.4 cu.ft.	Exterior cargo pickup box depth .....	16.5 "
Exterior cargo maximum width .....	54.4 "	Exterior cargo pickup interior cargo volume seats folded	

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208824 8/1/2011



## Selected Options

## 2011 Ford Ranger

2dr 4x2 Super Cab Styleside 6' box 125.7" WB Sport (864B) (R1E)

Vehicle Snapshot	
Engine:	4.0L SOHC V6
Transmission:	5-Speed Automatic w/OD
Rear Axle Ratio:	3.55 Limited Slip
GVWR:	5,000 lbs Payload Package

Code	Description	Class
R1E	Base Vehicle Price (R1E)	STD
<b>Packages</b>		
864B	<b>Order Code 864B</b> <i>(99E) Engine: 4.0L SOHC V6; (44J) Transmission: 5-Speed Manual w/OD (w/4.0L); (X95) 3.55 Axle Ratio; (STDGV) GVWR: 5,000 lbs Payload Package; (T7R) Tires: P235/75R15 OWL AT; (64H) Wheels: 15" Machined Split Spoke Cast-Aluminum; (S) Cloth Sport Bucket Seats; (58Z) Radio: AM/FM Stereo w/MP3/SAT Capable CD : Includes audio input jack (AIJ).</i>	OPT
<b>Emissions</b>		
422	<b>California Emissions System</b> <i>Required on units for California, Connecticut, Massachusetts, Maryland, Maine, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington registration. Optional for Cross-Border States - Arizona, Delaware, Idaho, Nevada, New Hampshire, Ohio, Virginia and West Virginia.</i>	OPT
<b>Powertrain</b>		
99E	<b>Engine: 4.0L SOHC V6</b> <i>Torque: 238 ft.lbs. @ 3000 rpm.</i>	INC
44D	<b>Transmission: 5-Speed Automatic w/OD</b>	OPT
XR5	<b>3.55 Limited Slip Axle Ratio</b>	OPT
STDGV	<b>GVWR: 5,000 lbs Payload Package</b>	INC
<b>Wheels &amp; Tires</b>		
T7R	<b>Tires: P235/75R15 OWL AT</b>	INC
64H	<b>Wheels: 15" Machined Split Spoke Cast-Aluminum</b>	INC

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most c Reference CT05208624 8/1/2011

Code	Description	Class
<b>Seats &amp; Seat Trim</b>		
S	<b>Cloth Sport Bucket Seats</b> <i>Center Floor Console</i>	INC
<b>Other Options</b>		
PAINT	<b>Monotone Paint Application</b>	STD
126WB	<b>126" Wheelbase</b>	STD
58Z	<b>Radio: AM/FM Stereo w/MP3/SAT Capable CD</b> <i>SIRIUS Satellite Radio : Includes 6 months subscription. Service available in US mainland (48 states) only. Includes audio input jack (AIJ).</i>	INC
<b>Interior Colors For : Primary w/Sport</b>		
SF	<b>Medium Dark Flint</b>	OPT
<b>Primary Colors For : Primary w/Sport</b>		
D3	<b>Torch Red</b>	OPT
<b>Vehicle Subtotal</b>		
<b>Fuel Charge</b>		
<b>Destination</b>		
<b>Vehicle Subtotal (including Destination)</b>		

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208624 8/1/2011

Printed on August 31, 2011 at 14:42

Price Level: 130

QuoteID: <None>

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## Vehicle Profile

## 2011 Ford Ranger

4dr 4x4 Super Cab Styleside 6' box 125.9" WB XLT (867B) (R4F)

### Powertrain

4.0L V-6 SOHC SMPI 12 valve engine with variable intake length \* 110 amp alternator \* 540 amp 58 amp hours (Ah) battery with run down protection \* 5-speed electronic automatic transmission with overdrive, lock-up \* Select Drive part-time four-wheel drive with electronic transfer case shift, auto locking hubs \* Limited slip differential, ABS & driveline traction control \* 3.73 axle ratio \* Partial stainless steel exhaust

### Steering and Suspension

Hydraulic power-assist rack and pinion steering \* 4-wheel disc brakes with front vented discs \* AdvanceTrac w/Roll Stability Control stability control with anti-roll control \* Independent front suspension \* Front short and long arm suspension \* Front anti-roll bar \* Front torsion bar springs \* HD front shocks \* Rigid rear axle \* Rear leaf suspension \* Rear leaf springs \* HD rear shocks \* Front and rear 15.0" x 7.00" silver aluminum wheels with chrome hub covers \* P235/75SR15.0 OWL AT front and rear tires \* Underbody w/crankdown mounted full-size steel spare wheel

### Safety

4-wheel anti-lock braking system \* Center high mounted stop light \* Dual airbags, seat mounted driver and passenger side-impact airbags, airbag occupancy sensor \* Front height adjustable seatbelts with front pre-tensioners \* Immobilizer, panic alarm

### Comfort and Convenience

Air conditioning \* AM/FM/Satellite, clock, seek-scan, in-dash mounted single CD, MP3 decoder, 4 speakers, fixed antenna \* Power door locks with 2 stage unlock, keyfob (front doors) keyless entry \* 2 12V DC power outlets, ashtray, front lighter element(s) location \* Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, voltmeter gauge, trip odometer \* Warning indicators include oil pressure, battery, lights on, key, low fuel, door ajar, low tire pressure \* Steering wheel with tilt adjustment \* Power front windows and fixed rear windows with light tint, driver 1-touch down \* Variable intermittent front windshield wipers \* Passenger side vanity mirror \* Day-night rearview mirror \* Interior lights include dome light, illuminated entry \* Full floor console with covered storage, glove box, front cupholder, instrument panel bin, driver and passenger door bins, audio media storage

### Seating and Interior

Seating capacity of 2 \* Sport front seats with fixed head restraints, center armrest \* 4-way adjustable driver seat \* 4-way adjustable passenger seat \* Cloth faced front seats with cloth back material \* Cloth door trim insert, full cloth headliner, full carpet floor covering with carpet front floor mats, plastic/rubber gear shift knob

### Exterior Features

Rear splash guards, side impact beams, fully galvanized steel body material \* Black side window moldings, black front windshield molding, black rear window molding \* Black door handles \* Chrome grille \* 4 doors with reverse opening rear driver's side door, reverse opening rear passenger's side door tailgate rear cargo door \* Class III trailering, trailer harness, trailer hitch \* Driver and passenger power remote black folding outside mirrors \* Front and

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208824 8/11/2011

**Exterior Features (Continued)**

rear body-colored bumpers, with front black rub strip/fascia accent, front tow hooks rear step \* Aero-composite halogen headlamps \* Additional exterior lights include front fog/driving lights \* Clearcoat monotone paint

**Warranty**

Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles

**Dimensions and Capacities**

Output .....	207 hp @ 5,250 rpm	Torque .....	238 lb.-ft. @ 3,000 rpm
1st gear ratio .....	2.470	2nd gear ratio .....	1.850
3rd gear ratio .....	1.470	4th gear ratio .....	1.000
5th gear ratio .....	0.750	Reverse gear ratio .....	2.110
City/hwy .....	14 mpg/18 mpg	Curb weight .....	3,606 lbs.
GVWR .....	5,000 lbs.	Payload .....	1,360 lbs.
Front axle capacity .....	2,850 lbs.	Rear axle capacity .....	2,750 lbs.
Front spring rating .....	2,900 lbs.	Rear spring rating .....	2,600 lbs.
Towing capacity .....	5,580 lbs.	Front legroom .....	42.4 "
Front headroom .....	39.2 "	Front hiproom .....	52.7 "
Front shoulder room .....	54.5 "	Passenger area volume .....	63.0 cu.ft.
Length .....	203.6 "	Body width .....	71.3 "
Body height .....	67.7 "	Wheelbase .....	125.9 "
Front tread .....	58.5 "	Rear tread .....	57.3 "
Turning radius .....	21.5'	Fuel tank .....	19.5 gal.
Exterior cargo length .....	72.7 "	Exterior cargo minimum width .....	40.5 "
Exterior cargo volume .....	37.4 cu.ft.	Exterior cargo pickup box depth .....	16.5 "
Exterior cargo maximum width .....	54.4 "	Exterior cargo pickup interior cargo volume seats folded	

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208824 8/1/2011



## Selected Options

## 2011 Ford Ranger

4dr 4x4 Super Cab Styleside 6' box 125.9" WB XLT (867B) (R4F)

<b>Vehicle Snapshot</b>	<b>Engine:</b> 4.0L SOHC V6 <b>Transmission:</b> 5-Speed Automatic w/OD <b>Rear Axle Ratio:</b> 3.73 Limited Slip <b>GVWR:</b> 5,000 lbs Payload Package (Fleet) (LPO)
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Code	Description	Class
R4F	<b>Base Vehicle Price (R4F)</b>	STD
<b>Packages</b>		
867B	<b>Order Code 867B</b> <i>(99E) Engine: 4.0L SOHC V6; (44J) Transmission: 5-Speed Manual w/OD; (X96) 3.73 Axle Ratio; (STDGV) GVWR: 5,150 lbs Payload Package; (STDTR) Tires: P235/75R15 OWL AT; (648) Wheels: 15" 5-Spoke Aluminum; (R) Cloth 60/40 Split Bench Seat; (58Z) Radio: AM/FM Stereo w/MP3/SAT Capable CD : Includes audio input jack (AIJ).</i>	OPT
<b>Emissions</b>		
422	<b>California Emissions System</b> <i>Required on units for California, Connecticut, Massachusetts, Maryland, Maine, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington registration. Optional for Cross-Border States - Arizona, Delaware, Idaho, Nevada, New Hampshire, Ohio, Virginia and West Virginia.</i>	OPT
<b>Powertrain</b>		
99E	<b>Engine: 4.0L SOHC V6</b> <i>Torque: 238 ft.lbs. @ 3000 rpm.</i>	INC
44D	<b>Transmission: 5-Speed Automatic w/OD</b>	OPT
XR6	<b>3.73 Limited Slip Axle Ratio</b>	OPT
	<b>GVWR: 5,000 lbs Payload Package (Fleet) (LPO)</b>	INC
<b>Wheels &amp; Tires</b>		
STDTR	<b>Tires: P235/75R15 OWL AT</b>	INC
648	<b>Wheels: 15" 5-Spoke Aluminum</b>	INC

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT0520824 8/1/2011

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**Seats & Seat Trim**

S	Cloth Sport Bucket Seats (Fleet) Center Floor Console	OPT
87D	Rear Jump Seats Delete (Fleet) (LPO) (NONGV) GVWR: 5,000 lbs Payload Package (Fleet) (LPO)	OPT

**Other Options**

PAINT	Monotone Paint Application	STD
126WB	126" Wheelbase	STD
58Z	Radio: AM/FM Stereo w/MP3/SAT Capable CD SIRIUS Satellite Radio : Includes 6 months subscription. Service available in US mainland (48 states) only. Includes audio input jack (AIJ).	INC

**Primary Colors For : Primary w/XLT (Super)**

D3	Torch Red	OPT
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**Accessories and Aftermarket Options**

STROBE	Emergency Strobe Four corner strobe pkg.
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Vehicle Subtotal

Fuel Charge

Destination

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**Vehicle Subtotal (including Destination)**

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Reference CT05208624 8/1/2011



2012 Ford F-150

## Vehicle Profile

4x4 Super Cab Styleside 6.5' box 145" WB XL (X1E)

### Powertrain

3.7L V-6 DOHC SMPI 24 valve flexible recommended fuel engine with variable valve control \* 155 amp HD alternator \* 750 amp 78 amp hours (Ah) HD battery with run down protection \* HD radiator, HD transmission oil cooler \* 6-speed electronic SelectShift automatic transmission with overdrive, lock-up, driver selection \* Part-time four-wheel drive with electronic transfer case shift, auto locking hubs \* Limited slip differential, ABS & driveline traction control \* 3.73 axle ratio \* Stainless steel exhaust

### Steering and Suspension

Electric power-assist rack and pinion steering with speed-sensing assist \* 4-wheel disc brakes with front and rear vented discs \* AdvanceTrac w/Roll Stability Control stability control with anti-roll control \* Independent front suspension \* Front double wishbone suspension \* Front anti-roll bar \* Front coil springs \* Gas-pressurized front shocks \* Rigid rear axle \* Rear leaf suspension \* Rear leaf springs \* Gas-pressurized rear shocks \* Front and rear 17.0" x 7.50" gray styled steel wheels with hub covers \* P235/75SR17.0 BSW AT front and rear tires \* Underbody w/crankdown mounted full-size steel spare wheel

### Safety

4-wheel anti-lock braking system \* Center high mounted stop light \* Dual airbags, seat mounted driver and passenger side-impact airbags, Safety Canopy System curtain 1st and 2nd row overhead airbags, airbag occupancy sensor \* Front height adjustable seatbelts with front pre-tensioners \* SecurILock Immobilizer

### Comfort and Convenience

Air conditioning, underseat ducts \* AM/FM stereo, clock, seek-scan, 4 speakers, fixed antenna \* Manual tailgate/rear door lock \* 3 12V DC power outlets, front lighter element(s) location \* Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, transmission fluid temp gauge, trip odometer \* Warning indicators include oil pressure, engine temperature, battery, lights on, key, low fuel, door ajar, service interval, brake fluid, low tire pressure \* Steering wheel with tilt adjustment \* Manual front windows fixed rear windows with light tint \* Variable intermittent front windshield wipers \* Passenger side vanity mirror \* Day-night rearview mirror \* Interior lights include dome light \* Glove box, front and rear cupholders, instrument panel bin, dashboard storage, driver and passenger door bins, rear door bins

### Seating and Interior

Seating capacity of 6 \* 40-20-40 split-bench front seat with adjustable head restraints \* 4-way adjustable driver seat \* 4-way adjustable passenger seat \* 60-40 folding rear split-bench seat with fold-up cushion, 3 adjustable rear head restraints \* Vinyl faced front seats with vinyl back material \* Vinyl faced rear seats with carpet back material \* Full cloth headliner, full vinyl/rubber floor covering, plastic/rubber gear shift knob, cabback insulator

### Exterior Features

Side impact beams, galvanized steel/aluminum body material \* Black side window moldings, black front windshield molding \* Black door handles \* Black grille \* 4 doors with reverse opening rear driver's side door, reverse opening

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference: CT05208024 6/29/2011

**Exterior Features (Continued)**

rear passenger's side door tailgate rear cargo door \* With bed liner \* Class IV trailering, trailer harness, trailer hitch, trailer sway control \* Driver and passenger manual black folding outside mirrors, driver convex spotter outside mirror \* Front and rear argent bumpers, with front black rub strip/fascia accent, front tow hooks rear step \* Aero-composite halogen headlamps \* Additional exterior lights include pickup cargo box light \* Clearcoat monotone paint

<b>Warranty</b>			
Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	80 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles

**Dimensions and Capacities**

Output .....	302 hp @ 6,500 rpm	Torque .....	278 lb.-ft. @ 4,000 rpm
1st gear ratio .....	4.170	2nd gear ratio .....	2.340
3rd gear ratio .....	1.520	4th gear ratio .....	1.140
5th gear ratio .....	0.860	6th gear ratio .....	0.690
Reverse gear ratio .....	3.400	City/hwy .....	18 mpg/21 mpg
Curb weight .....	5,380 lbs.	GVWR .....	6,900 lbs.
Front GAWR .....	3,750 lbs.	Rear GAWR Weight .....	3,800 lbs.
Payload .....	1,510 lbs.	Front curb weight .....	3,118 lbs.
Rear curb weight .....	2,262 lbs.	Front axle capacity .....	4,050 lbs.
Rear axle capacity .....	4,000 lbs.	Front spring rating .....	3,750 lbs.
Rear spring rating .....	3,800 lbs.	Front tire/wheel capacity .....	4,050 lbs.
Rear tire/wheel capacity .....	4,050 lbs.	Towing capacity .....	5,500 lbs.
5th-wheel towing capacity .....	5,500 lbs.	Front legroom .....	41.4 "
Rear legroom .....	33.4 "	Front headroom .....	41.0 "
Rear headroom .....	39.7 "	Front hiproom .....	60.5 "
Rear hiproom .....	65.4 "	Front shoulder room .....	65.9 "
Rear shoulder room .....	65.7 "	Passenger area volume .....	114.8 cu.ft.
Length .....	231.8 "	Body width .....	79.2 "
Body height .....	76.1 "	Wheelbase .....	145.0 "
Front tread .....	67.0 "	Rear tread .....	67.0 "
Turning radius .....	23.5'	Fuel tank .....	36.0 gal.
Exterior cargo length .....	78.0 "	Exterior cargo minimum width .....	50.0 "
Exterior cargo volume .....	65.5 cu.ft.	Exterior cargo pickup box depth .....	22.4 "
Exterior cargo maximum width .....	65.2 "	Exterior cargo pickup interior cargo volume seats folded	
44.8 cu.ft. ....	interior maximum cargo volume		

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# 2012 Ford F-150

## Selected Options

4x4 Super Cab Styloside 6.5' box 145" WB XL (X1E)

<b>Vehicle Snapshot</b>	<b>Engine:</b> 3.7L V6 FFV <b>Transmission:</b> Electronic 6-Speed Automatic <b>Rear Axle Ratio:</b> Limited Slip w/3.73 <b>GVWR:</b> 6,900 lbs Payload Package
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Code	Description	Class
X1E	Base Vehicle Price (X1E)	STD
<b>Packages</b>		
502A	Order Code 502A <i>(99M) Engine: 3.7L V6 FFV : Fuel economy for ethanol (E85): 12mpg city, 15mpg highway.; (446) Transmission: Electronic 6-Speed Automatic : Includes tow/haul mode.; (X26) 3.73 Axle Ratio; (STDGV) GVWR: 6,900 lbs Payload Package; (T78) Tires: P235/75R17 BSW A/T (S) : Spare tire is same as road tire.; (64C) Wheels: 17" Gray Styled Steel; (A) Vinyl 40/20/40 Front Seat; (STD0D) Radio: AM/FM Stereo/Clock</i>	OPT
<b>Emissions</b>		
422	California Emissions System <i>Required on units with GVWR of 8,500 lbs or less for Arizona, California, Connecticut, Massachusetts, Maryland, Maine, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington registration. Optional for cross-border states. Cross-border states are Delaware, Idaho, Nevada, New Hampshire, New Mexico, Ohio, Utah, Virginia and West Virginia.</i>	OPT
<b>Powertrain</b>		
99M	Engine: 3.7L V6 FFV <i>Fuel economy for ethanol (E85): 12mpg city, 15mpg highway. Torque: 278 ft.lbs. @ 4000 rpm.</i>	INC
446	Transmission: Electronic 6-Speed Automatic <i>Includes tow/haul mode.</i>	INC
XB6	Limited Slip w/3.73 Axle Ratio	OPT
STDGV	GVWR: 6,900 lbs Payload Package	INC
<b>Wheels &amp; Tires</b>		

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Code	Description	Class	MSRP
T7B	Tires: P235/75R17 BSW AJT (5) Spare tire is same as road tire.	INC	
64C	Wheels: 17" Gray Styled Steel	INC	
<b>Seats &amp; Seat Trim</b>			
A	Vinyl 40/20/40 Front Seat	INC	
<b>Other Options</b>			
145WB	145" Wheelbase	STD	
535	Trailer Tow Package Upgraded Radiator, Auxillary Transmission Oil Cooler, SelectShift Transmission. Required for towing over 5,000 lbs. Includes class IV trailer hitch receiver and 7-pin wiring harness.	OPT	
PAINT	Monotone Paint Application	STD	
STDRD	Radio: AM/FM Stereo/Clock	INC	
96P	Drop-In Plastic Bed Liner (Pre-Installed) (LPO) Custom Accessory.	OPT	
<b>Interior Colors For : Primary w/XL (supers)</b>			
AS	Steel Gray	OPT	
<b>Primary Colors For : Primary w/XL (supers)</b>			
E4	Vermillion Red	OPT	
<b>Accessories and Aftermarket Options</b>			
Lights	Four Corner Strobes Install (2) lens mounted LED strobes in front and (2) lens mounted strobes in rear		
<b>Vehicle Subtotal</b>			
Fuel Charge			
Destination			
<b>Vehicle Subtotal (including Destination)</b>			

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Reference CTOS208824 8/29/2011



## Vehicle Profile

## 2012 Ford Escape

4dr 4x4 XLS (U9C)

### Powertrain

Duratec 2.5L I-4 DOHC SMPI 16 valve engine with variable valve control \* 110 amp alternator \* 550 amp 52 amp hours (Ah) battery with run down protection \* Transmission oil cooler \* 6-speed electronic automatic transmission with overdrive, lock-up \* Automatic full-time four-wheel drive with permanent locking hubs \* ABS & driveline traction control \* 3.51 axle ratio \* Stainless steel exhaust

### Steering and Suspension

Electric power-assist rack and pinion steering with speed-sensing assist \* Front disc/rear drum brakes with front vented discs \* Stability control with anti-roll control \* Independent front suspension \* Front strut suspension \* Front anti-roll bar \* Front coil springs \* Gas-pressurized front shocks \* Rear independent suspension \* Rear multi-link suspension \* Rear anti-roll bar \* Rear coil springs \* Gas-pressurized rear shocks \* Front and rear 16.0" x 7.00" silver aluminum wheels \* P235/70TR16.0 BSW AS front and rear tires \* Underbody w/crankdown mounted compact steel spare wheel

### Safety

4-wheel anti-lock braking system \* Center high mounted stop light \* Dual airbags, seat mounted driver and passenger side-impact airbags, Safety Canopy System curtain 1st and 2nd row overhead airbags, airbag occupancy sensor \* Front height adjustable seatbelts with front pre-tensioners \* Immobilizer, panic alarm

### Comfort and Convenience

Air conditioning, underseat ducts \* AM/FM/Satellite-capable, seek-scan, in-dash mounted single CD, MP3 decoder, 4 speakers, fixed antenna \* Cruise control with steering wheel controls \* Power door locks with 2 stage unlock, keyfob (all doors) keyless entry, keyfob rear window remote release, child safety rear door locks, tailgate/rear door lock included with power doors \* 2 12V DC power outlets, retained accessory power \* Analog instrumentation display includes tachometer, engine temperature gauge, in-dash clock, systems monitor, trip computer, trip odometer \* Warning indicators include oil pressure, battery, lights on, key, low fuel, low washer fluid, door ajar, trunk/liftgate ajar, service interval, brake fluid, low tire pressure \* Steering wheel with tilt adjustment \* Power front and rear windows with light tint, driver 1-touch down, fixed rearmost windows \* Variable intermittent front windshield wipers, flip-up rear window, fixed interval rear wiper, rear window defroster \* Dual vanity mirrors \* Day-night rearview mirror \* Interior lights include dome light with fade, front reading lights, illuminated entry \* Full floor console with covered storage, glove box, front and rear cupholders, instrument panel bin, rear door bins, audio media storage \* Carpeted cargo floor, plastic trunk lid/rear cargo door, cargo light

### Seating and Interior

Seating capacity of 5 \* Bucket front seats with adjustable head restraints, center armrest \* 4-way adjustable driver seat \* 4-way adjustable passenger seat \* 60-40 folding rear split-bench seat with flip forward cushion/seatback, 3 adjustable rear head restraints \* Cloth faced front seats with vinyl back material \* Cloth faced rear seats with carpet back material \* Full cloth headliner, full carpet floor covering with rubber front and rear floor mats, plastic/rubber gear shift knob, metal-look console insert, metal-look interior accents

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**Exterior Features**

Side impact beams, fully galvanized steel body material \* Black side window moldings, black front windshield molding \* Black door handles \* Chrome grille \* 4 doors with liftgate rear cargo door \* Driver and passenger power remote black convex spotter folding outside mirrors \* Front and rear body-colored bumpers, with rear step \* Aero-composite halogen headlamps \* Additional exterior lights include remote activated perimeter/approach lights \* Clearcoat monotone paint

**Warranty**

Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles

**Dimensions and Capacities**

Output .....	171 hp @ 6,000 rpm	Torque .....	171 lb.-ft. @ 4,500 rpm
1st gear ratio .....	4.584	2nd gear ratio .....	2.984
3rd gear ratio .....	1.912	4th gear ratio .....	1.446
5th gear ratio .....	1.000	6th gear ratio .....	0.746
Reverse gear ratio .....	2.310	City/hwy .....	20 mpg/27 mpg
Curb weight .....	3,439 lbs.	GVWR .....	4,600 lbs.
Payload .....	1,020 lbs.	Front curb weight .....	1,996 lbs.
Rear curb weight .....	1,443 lbs.	Front axle capacity .....	2,440 lbs.
Rear axle capacity .....	2,400 lbs.	Towing capacity .....	1,500 lbs.
Front legroom .....	41.6 "	Rear legroom .....	35.6 "
Front headroom .....	40.4 "	Rear headroom .....	39.2 "
Front hiproom .....	53.3 "	Rear hiproom .....	49.1 "
Front shoulder room .....	56.6 "	Rear shoulder room .....	55.9 "
Passenger area volume .....	99.5 cu.ft.	Length .....	174.7 "
Body width .....	71.1 "	Body height .....	67.8 "
Wheelbase .....	103.1 "	Front tread .....	60.7 "
Rear tread .....	60.2 "	Turning radius .....	18.3'
Fuel tank .....	17.5 gal.	Interior cargo volume .....	31.4 cu.ft.
Interior cargo volume seats folded .....	67.2 cu.ft.	Interior maximum cargo volume .....	67.2 cu.ft.

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## 2012 Ford Escape

4dr 4x4 XLS (U9C)

### Selected Options

<b>Vehicle Snapshot</b>	<b>Engine:</b> Duratec 2.5L I4 <b>Transmission:</b> 6-Speed Automatic <b>Rear Axle Ratio:</b> 3.51 <b>GVWR:</b> 4,600 lbs Payload Package
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Code	Description	Class
U9C	Base Vehicle Price (U9C)	STD
<b>Packages</b>		
101A	<b>Equipment Group 101A</b> <i>(997) Engine: Duratec 2.5L I4; (446) Transmission: 6-Speed Automatic; (STDAX) 3.51 Axle Ratio; (STDGV) GVWR: 4,600 lbs Payload Package; (TS3) Tires: P235/70R16 AS BSW; (64S) Wheels: 16" x 7" 5-Spoke Cast Aluminum; (1) Cloth Buckets w/60/40 Split Rear Seat: Includes 2-way manual driver's seat and cloth rear seat with lip-fold-flat latch.; (58Z) Radio: AM/FM Single CD/MP3 Capable: Includes 4-speakers, input jack and auto volume control.</i>	OPT
<b>Emissions</b>		
422	<b>California Emissions System</b> <i>Required on all units for Arizona, California, Connecticut, Massachusetts, Maine, Maryland, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, Vermont and Washington registration. Optional for Cross-Border States (Delaware, Idaho, Nevada, New Hampshire, New Mexico, Ohio, Utah, Virginia and West Virginia).</i>	OPT
<b>Powertrain</b>		
897	<b>Engine: Duratec 2.5L I4</b> <i>Torque: 171 ft.lbs. @ 4500 rpm.</i>	INC
446	<b>Transmission: 6-Speed Automatic</b>	INC
STDAX	<b>3.51 Axle Ratio</b>	INC
STDGV	<b>GVWR: 4,600 lbs Payload Package</b>	INC
<b>Wheels &amp; Tires</b>		
TS3	<b>Tires: P235/70R16 AS BSW</b>	INC

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 Reference: CT05208524 6/17/2011

Code	Description	Class
64S	Wheels: 16" x 7" 5-Spoke Cast Aluminum	INC
<b>Seats &amp; Seat Trim</b>		
1	Cloth Buckets w/60/40 Split Rear Seat <i>Includes 2-way manual driver's seat and cloth rear seat with tip-fold-flat latch.</i>	INC
<b>Other Options</b>		
PAINT	Monotone Paint Application	STD
103WB	103" Wheelbase	STD
58Z	Radio: AM/FM Single CD/MP3 Capable <i>Includes 4-speakers, input jack and auto volume control.</i>	INC
50C	All-Weather Floor Mats (Set of 4)	OPT
<b>Interior Colors For : Primary w/XLS</b>		
1S	Stone	OPT
<b>Primary Colors For : Primary w/XLS</b>		
YZ	Oxford White	OPT
<b>Accessories and Aftermarket Options</b>		
STROBE	Emergency Strobe <i>Four corner strobe pkg.</i>	
<b>Vehicle Subtotal</b>		
Fuel Charge		
Destination		
<b>Vehicle Subtotal (including Destination)</b>		

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## Vehicle Profile

### 2012 Ford F-450 Chassis

4x4 SD Regular Cab 141" WB DRW XL (F4H)

#### Powertrain

Powerstroke 6.7L V-8 OHV direct diesel injection 32 valve intercooled turbo diesel engine \* 200 amp HD alternator \* 750 amp (total) 78 amp hours (Ah) (total) battery dual batteries with run down protection \* Engine block heater \* 6-speed electronic SelectShift automatic transmission with overdrive, lock-up, driver selection \* Part-time four-wheel drive with manual transfer case shift, manual locking hubs \* Limited slip differential, driveline traction control \* 4.10 axle ratio \* Stainless steel exhaust

#### Steering and Suspension

Hydraulic power-assist re-circulating ball steering \* 4-wheel disc brakes with front and rear vented discs \* Firm ride suspension \* Mono-beam non-independent front suspension \* Front anti-roll bar \* HD front coil springs \* HD front shocks \* Rigid rear axle \* Rear leaf suspension \* Rear anti-roll bar \* HD rear leaf springs \* HD rear shocks \* Front and rear 19.5" x 6.00" argent steel wheels \* LT225/70SR19.5 BSW AT front and rear tires \* Outside rear mounted full-size steel spare wheel

#### Safety

4-wheel anti-lock braking system \* Dual airbags, passenger side front-impact cancellable airbag, seat mounted driver and passenger side-impact airbags, curtain 1st row overhead airbag \* Front height adjustable seatbelts

#### Comfort and Convenience

Air conditioning \* AM/FM stereo, clock, seek-scan, 2 speakers, fixed antenna \* 2 12V DC power outlets \* Analog instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, turbo/supercharger boost gauge, transmission fluid temp gauge, engine hour meter, exterior temp, systems monitor, trip odometer \* Warning indicators include oil pressure, engine temperature, battery, lights on, key, low fuel, door ajar, service interval, brake fluid \* Steering wheel with tilt and telescopic adjustment \* Manual front windows with light tint \* Variable intermittent front windshield wipers \* Passenger side vanity mirror \* Day-night rearview mirror \* Interior lights include dome light with fade, front reading lights \* Glove box, front cupholder, instrument panel bin \* Upfitter switches

#### Seating and Interior

Seating capacity of 3 \* 40-20-40 split-bench front seat with adjustable head restraints, center armrest with storage \* 4-way adjustable driver seat includes lumbar support \* 4-way adjustable passenger seat \* Vinyl faced front seats with vinyl back material \* Full cloth headliner, full vinyl/rubber floor covering, plastic/rubber gear shift knob, chrome interior accents

#### Exterior Features

Side impact beams, front license plate bracket, fully galvanized steel body material, side steps \* Black fender flares \* Black side window moldings, black front windshield molding \* Black door handles \* Black grille \* 2 doors \* Trailer harness, brake controller \* Driver and passenger manual black folding manual extendable trailer outside mirrors \* Front black bumper with front tow hooks \* Aero-composite halogen headlamps \* Additional exterior lights include cab

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**Exterior Features (Continued)**

clearance lights, underhood light \* Clearcoat monotone paint \* Snow plow provision

**Warranty**

Basic .....	36 month/36,000 miles	Powertrain .....	60 month/60,000 miles
Corrosion Perforation .....	60 month/unlimited mileage	Roadside Assistance .....	60 month/60,000 miles
Diesel Engine .....	60 month/100,000 miles		

**Dimensions and Capacities**

Output .....	300 hp @ 2,800 rpm	Torque .....	660 lb.-ft. @ 1,600 rpm
1st gear ratio .....	3.974	2nd gear ratio .....	2.318
3rd gear ratio .....	1.516	4th gear ratio .....	1.149
5th gear ratio .....	0.858	6th gear ratio .....	0.674
Reverse gear ratio .....	3.128	Curb weight .....	7,815 lbs.
GVWR .....	16,500 lbs.	Front GAWR .....	7,000 lbs.
Rear GAWR Weight .....	12,000 lbs.	Payload .....	8,813 lbs.
Front curb weight .....	4,760 lbs.	Rear curb weight .....	3,055 lbs.
Front axle capacity .....	7,000 lbs.	Rear axle capacity .....	12,000 lbs.
Front spring rating .....	7,000 lbs.	Rear spring rating .....	12,000 lbs.
Front tire/wheel capacity .....	7,500 lbs.	Rear tire/wheel capacity .....	15,000 lbs.
Towing capacity .....	16,000 lbs.	5th-wheel towing capacity .....	17,200 lbs.
Front legroom .....	41.1 "	Front headroom .....	40.7 "
Front hiproom .....	67.6 "	Front shoulder room .....	68.0 "
Passenger area volume .....	65.9 cu.ft.	Length .....	226.5 "
Body width .....	93.9 "	Body height .....	80.3 "
Wheelbase .....	141.0 "	Cab to axle .....	60.0 "
Axle to end of frame .....	47.6 "	Front tread .....	74.8 "
Rear tread .....	74.0 "	Turning radius .....	21.2 "
Fuel tank .....	40.0 gal.		

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## Selected Options

## 2012 Ford F-450 Chassis

4x4 SD Regular Cab 141" WB DRW XL (F4H)

### Vehicle Snapshot

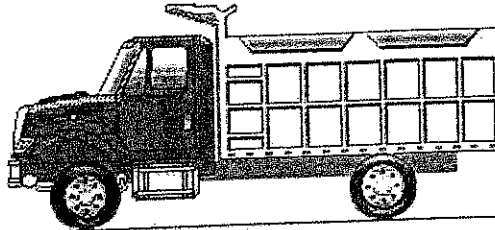
Engine: 6.7L OHV Power Stroke Diesel V8 B20  
 Transmission: TorqShift 6-Speed Auto w/OD  
 Rear Axle Ratio: Limited-Slip w/4.10  
 GVWR: 16,500 lb Payload Package

Code	Description	Class
F4H	Base Vehicle Price (F4H)	STD
<b>Packages</b>		
650A	Order Code 650A (99Y) Engine: 6.8L 3-Valve SOHC EFI V10; (44T) Transmission: TorqShift 5-Speed Auto w/OD : Includes SelectShift.; (X48) 4.88 Axle Ratio; (STDGV) GVWR: 16,500 lb Payload Package; (TFB) Tires: 225/70Rx19 5G BSW AS (6); (64Z) Wheels: 19.5" Argent Painted Steel (6); (A) HD Vinyl 40/20/40 Split Bench Seat : Includes driver side manual lumbar, center armrest, cupholder and storage.; (587) Radio: AM/FM Stereo : Includes digital clock and 2-speakers.	OPT
<b>Emissions</b>		
425	50-State Emissions System Standard on all gas engine units. Forced on 6.7L diesel.	OPT
<b>Powertrain</b>		
99T	Engine: 6.7L OHV Power Stroke Diesel V8 B20 Extra Heavy-Duty Alternator; Dual 78-AH 750-CCA Batteries; (X41) 4.10 Axle Ratio. Includes clean idle decal and intelligent oil life monitor. Torque: 660 ft.lbs. @ 1600 rpm.	OPT
44W	Transmission: TorqShift 6-Speed Auto w/OD Heavy duty. Includes SelectShift.	OPT
X4N	Limited-Slip w/4.10 Axle Ratio	OPT
STDGV	GVWR: 16,500 lb Payload Package	INC
<b>Wheels &amp; Tires</b>		
TGB	Tires: 225/70Rx19.5G BSW Max Traction Includes 4 traction tires on the rear and 2 traction tires on the front. Not	OPT

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05208024 6/1/2011

Code	Description	Class
	<i>recommended for over the road applications; could incur irregular front tire wear and/or NVH. Optional spare is tractor.</i>	
64Z	Wheels: 19.5" Argent Painted Steel (5)	INC
512	Spare Tire & Wheel (61J) 6-Ton Hydraulic Jack. Excludes carrier. REQUIRED in Rhode Island.	OPT
<b>Seats &amp; Seat Trim</b>		
A	HD Vinyl 40/20/40 Split Bench Seat <i>Includes driver side manual lumbar, center armrest, cupholder and storage.</i>	INC
<b>Other Options</b>		
PAINT	Monotone Paint Application	STD
141WB	141" Wheelbase/60" Cab to Axle	STD
61J	6-Ton Hydraulic Jack <i>REQUIRED in Rhode Island.</i>	INC
473	Snow Plow Prep Package <i>Includes pre-selected springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations). NOTE 1: Restrictions apply; see Supplemental Reference or Body-Builders Layout Book for details. NOTE 2: Also allows for the attachment of a winch.</i>	OPT
41H	Engine Block Heater <i>Standard in Alaska, Colorado, Iowa, Idaho, Maine, Michigan, Minnesota, Montana, North Dakota, New Hampshire, New York, South Dakota, Vermont, Wisconsin and Wyoming.</i>	OPT
52B	Trailer Brake Controller <i>Verified to be compatible with electronic actuated drum brakes only.</i>	OPT
18B	6" Angular Molded-In-Color Black Running Board	OPT
587	Radio: AM/FM Stereo <i>Includes digital clock and 2-speakers.</i>	INC
<b>Interior Colors For : Primary w/XL (Regs)</b>		
AS	Steel	OPT
<b>Primary Colors For : Primary w/XL (Regs)</b>		
F1	Vermillion Red	OPT
<b>Accessories and Aftermarket Options</b>		
BODY	9' DUMP BODY <i>3x4 yard dump body with a 1/4 cab shield, electric/hydraulic hoist, tarp and roller, 2" combo pintal hook on plate, d-rings, and a 7 prong RV style trailer plug connected to factory electric brake, with 3 coal chutes.</i>	
PLOW	9' MUNICIPAL PLOW <i>MC Series Fisher with electric hydraulic controls.</i>	
STROBE	Emergency Strobe <i>Four corner strobe pkg.</i>	

Prices and content availability as shown, are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information. Reference CT05200024 01/2011



**Model Profile**  
**2012 7400 SBA 4X2 (SA625)**

**APPLICATION:**  
**MISSION:**

Construction Dump  
 Requested GVWR: 35000. Calc. GVWR: 44000  
 Calc. Start / Grade Ability: 40.70% / 3.25% @ 55 MPH  
 Calc. Geared Speed: 59.3 MPH  
 6.43 MPG @ 55 MPH

**FUEL ECONOMY:**  
**DIMENSION:**  
**ENGINE, DIESEL:**

Wheelbase: 152.00, CA: 84.90, Axle to Frame: 39.00  
 {MaxxForce 9} EPA 10, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM  
 Governed Speed

**TRANSMISSION, AUTOMATIC:**

{Allison 3000\_RDS\_P} 4th 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.

**CLUTCH:**  
**AXLE, FRONT NON-DRIVING:**  
**AXLE, REAR, SINGLE:**

Omit Item (Clutch & Control)  
 {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity  
 {Meritor RS-26-185} Single Reduction, Standard Track, 26,000-lb Capacity, R Wheel Ends, Driver  
 Controlled Locking Differential Gear Ratio: 7.17

**CAB:**  
**TIRE, FRONT:**  
**TIRE, REAR:**  
**SUSPENSION, RR, SPRING, SINGLE:**  
**PAINT:**

Conventional  
 (2) 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range L, 20 ply  
 (4) 12R22.5 UNISTEEL G177 (GOODYEAR) 478 rev/mile, load range H, 16 ply  
 Vari-Rate; 31,000-lb Capacity, Includes 4500-lb Capacity Multileaf Auxiliary  
 Cab schematic 100GN  
 Location 1: 2303, Red (Std)  
 Chassis schematic N/A

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

Base Chassis, Model 7400 SBA 4X2 with 152.00 Wheelbase, 84.90 CA, and 39.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.433" (276.0mm x 92.0mm x 11.1mm); 456.0" (11582mm)  
Maximum OAL

BUMPER, FRONT Steel, Swept Back

Includes

: BUMPER, FRONT Powder Coated Gray (Argent) Color

WHEELBASE RANGE 138" (350cm) Through and Including 187" (475cm)

AXLE, FRONT NON-DRIVING {Meritor MFS-18-133A} Wide Track, I-Beam Type, 18,000-lb Capacity

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

SHOCK ABSORBERS, FRONT

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

Includes

: SPRING PINS Rubber Bushings, Maintenance-Free

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes

- : BRAKE LINES Color and Size Coded Nylon
- : DRAIN VALVE Twist-Type
- : DUST SHIELDS, FRONT BRAKE
- : DUST SHIELDS, REAR BRAKE
- : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
- : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
- : PARKING BRAKE VALVE For Truck
- : QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
- : SLACK ADJUSTERS, FRONT Automatic
- : SLACK ADJUSTERS, REAR Automatic
- : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4

Notes

: Rear Axle is Limited to 23,000-lb GAWR with Code 04091 BRAKE SYSTEM, AIR and Standard Rear Air Cam Brakes Regardless of Axle/Suspension Ordered.

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

Notes

: The following features should be considered when calculating Front GAWR: Front Axles; Front Suspension; Brake System; Brakes, Front Air Cam; Wheels; Tires.

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

DRAIN VALVE {Berg} Manual; With Pull Chain, for Air Tank

Includes

: DRAIN VALVE Mounted in Wet Tank

BRAKE SHOES, REAR Cast

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

Notes  
: Provides Rear Axle GAWR Up to 26,000-Lb.  
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

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

AIR DRYER {Bendix AD-9} With Heater

Includes

: AIR DRYER LOCATION Inside Left Rail, Back of Cab

BRAKE CHAMBERS, FRONT AXLE {Haldex} 24 SqIn

BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake

Includes

: BRAKE CHAMBERS, SPRING (2) Rear Parking; WITH TRUCK BRAKES: All 4x2, 4x4; WITH TRACTOR BRAKES: All 4x2, 4x4; 6x4 & 6x6 with Rear Tandem Axles Less Than 46,000-lb. or GVWR Less Than 54,000-lb.

BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq.In. Long Stroke Brake Chamber and Spring Actuated Parking Brake

Notes  
: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

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 Back of Cab; Includes Vertical Tail Pipe & Guard

Includes

: EXHAUST HEIGHT 10' Exhaust Height - Based on Empty Chassis with Standard Components (+ or - 1" Height)

: MUFFLER/TAIL PIPE GUARD Non-Bright Finish

ENGINE COMPRESSION BRAKE for MaxxFoRce I6 Engines; Electronically Activated

TAIL PIPE (1) Turnback Type, Non-Bright, for Single Exhaust

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: BATTERY BOX Steel with Plastic Lid

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab

: FUSES, ELECTRICAL SAE Blade-Type

: HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover

: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever

: HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels

: HORN, ELECTRIC Single

: JUMP START STUD Located on Positive Terminal of Outermost Battery

: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light

: RUNNING LIGHT (2) Daytime, Included With Headlights

: STARTER SWITCH Electric, Key Operated

: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector

: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature

: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted

: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever

: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted

: WIRING, CHASSIS Color Coded and Continuously Numbered

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mounted

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

RADIO {International} AM/FM Premium Stereo, With CD Player, Weatherband, Clock, Front & Rear Aux Input, USB Port, and Multiple Speakers, Includes iPod Command and Control

Includes

- : SPEAKERS IN CAB (2) Coaxial with Deluxe Interior
- : SPEAKERS IN CAB (4) Coaxial with Premium Interior

BACK-UP ALARM Electric, 102 dBA

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

POWER SOURCE, TERMINAL TYPE 2-Post

HORN, AIR Black, Single Trumpet, Air Solenoid Operated

HEADLIGHTS Long Life Halogen; for Two Light System

STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt; less Thermal Over-Crank Protection

INDICATOR, LOW COOLANT LEVEL With Audible Alarm

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

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

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes

- : PAINT SCHEMATIC ID LETTERS "GN"

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

CLUTCH Omit Item (Clutch & Control)

OIL FILTER, ENGINE {Hudgins Model 960 Spinner}

ENGINE, DIESEL {MaxxForce 9} EPA 10, 315 HP @ 2000 RPM, 950 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed

Includes

- : AIR COMPRESSOR AIR SUPPLY LINE Naturally-Aspirated (Air Brake Chassis Only)
- : ANTI-FREEZE Red Shell Rotella Extended Life Coolant; -40 Degrees F/ -40 Degrees C; for MaxxForce Engines
- : COLD STARTING EQUIPMENT Intake Manifold Electric Grid Heater with Engine ECM Control
- : CRUISE CONTROL Electronic; Controls Integral to Steering Wheel
- : ENGINE OIL DRAIN PLUG Magnetic
- : ENGINE SHUTDOWN Electric, Key Operated
- : FUEL FILTER Included with Fuel/Water Separator
- : FUEL/WATER SEPARATOR Fuel/Water Separator and Fuel Filter in a Single Assembly; With Water-in-Fuel Sensor; Engine Mounted
- : GOVERNOR Electronic
- : OIL FILTER, ENGINE Spin-On Type
- : WET TYPE CYLINDER SLEEVES

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

FAN DRIVE {Horton Drivemaster Polar Extreme} Direct Drive Type, Two Speed, With Residual Torque Device for Disengaged Fan Speed

Includes

: FAN Nylon

RADIATOR Aluminum, Cross Flow, Series System; 1228 SqIn Core and 648 SqIn Charge Air Cooler and 342 SqIn Low Temperature Radiator and With Transmission Oil Cooler

Includes

: DEAERATION SYSTEM with Surge Tank  
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps  
: RADIATOR HOSES Premium, Rubber

FEDERAL EMISSIONS for 2010; MaxxFace 9 & 10 Engines

AIR CLEANER Dual Element, With Integral Pre Cleaner

Includes

: 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 Provision for; Includes Wiring for Body Builder Installation of PTO Controls; With Ignition Switch Control for MaxxFace post 2007 Emissions Electronic Engines

FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)

EMISSION COMPLIANCE Federal, Does Not Comply With California Clean Air Regulations

TRANSMISSION, AUTOMATIC {Allison 3000\_RDS\_P} 4th 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.

Includes

: OIL FILTER, TRANSMISSION Mounted on Transmission  
: TRANSMISSION OIL PAN Magnet in Oil Pan

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

SHIFT CONTROL PARAMETERS Allison Load Based Shift Schedules (LBSS)

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

AXLE, REAR, SINGLE {Meritor RS-26-185} Single Reduction, Standard Track, 26,000-lb Capacity, R Wheel Ends, Driver Controlled Locking Differential. Gear Ratio: 7.17

Includes

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

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

: When Specifying Axle Ratio, Check Performance Guidelines and TCAPE for Startability and Performance

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

Notes

: The following features should be considered when calculating Rear GAWR: Rear Axles; Rear Suspension; Brake System; Brakes, Rear Air Cam; Brake Shoes, Rear; Special Rating, GAWR; Wheels; Tires.

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

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

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, 70 U.S. Gal., 265 L Capacity, With Quick Connect Outlet, Mounted Left Side, Under Cab

CAB Conventional

Includes

- : ARM REST (2) Molded Plastic; One Each Door
- : CLEARANCE/MARKER LIGHTS (5) Flush Mounted
- : COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
- : CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel
- : DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
- : GLASS, ALL WINDOWS Tinted
- : GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side
- : GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side
- : INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
- : STEP (4) Two Steps Per Door

SEAT, PASSENGER Omit Item

GAUGE CLUSTER English With English Electronic Speedometer

Includes

- : GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic), Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level
- : ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
- : WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)

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

Includes

- : SEAT BELT 3-Point, Lap and Shoulder Belt Type

MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side; 6" x 10 1/4", With Bright Finish

MIRRORS (2) {Lang Mekra} Styled; Rectangular, 7.09" x 15.75" & Integral Convex Both Side, 102" Inside Spacing, Breakaway Type, Heated Heads Thermostatic Controlled, Bright Finish Heads and Brackets

MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} Right and Left Side; 7.44" Sq., Bright

ARM REST, RIGHT, DRIVER SEAT

AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster

Includes

- : HEATER HOSES Premium
- : HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
- : REFRIGERANT Hydrofluorocarbon HFC-134A

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

Vehicle Specifications  
2012 7400 SBA 4X2 (SA625)

Description

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

CAB INTERIOR TRIM Deluxe

Includes

- : "A" PILLAR COVER Molded Plastic
- : CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered Except for the Following: with a Two-Man Passenger Seat or with a Full Bench Seat the Back Panel is Completely Void of Covering
- : CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets and CB Radio Pocket
- : DOOR TRIM PANELS Molded Plastic; Driver and Passenger Doors
- : FLOOR COVERING Rubber, Black
- : HEADLINER Soft Padded Cloth
- : INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section
- : STORAGE POCKET, DOOR (1) Molded Plastic, Full-Length; Driver Door
- : SUN VISOR (2) Padded Vinyl with Driver Side Toll Ticket Strap, Integral to Console

CAB REAR SUSPENSION Air Bag Type

WINDSHIELD WIPER BLADES Snow Type

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

Includes

- : PAINT IDENTITY, FRONT WHEELS White

Notes

- : Aluminum Wheels not Painted or Coated
- : Compatible Tire Sizes: 12R22.5, 295/75R22.5, 295/80R22.5, 315/80R22.5

WHEELS, REAR DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10-Stud (285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs

Includes

- : PAINT IDENTITY, REAR WHEELS White

Notes

- : Compatible Tire Sizes: 11R22.5, 12R22.5, 255/70R22.5, 255/80R22.5, 265/75R22.5, 275/70R22.5, 275/80R22.5, 295/75R22.5, 295/80R22.5

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)

(4) TIRE, REAR 12R22.5 UNISTEEL G177 (GOODYEAR) 478 rev/mile, load range H, 16 ply

(2) TIRE, FRONT 315/80R22.5 UNISTEEL G291 (GOODYEAR) 491 rev/mile, load range L, 20 ply

QUOTE :TOWN OF LINCOLN RI. HWY DEPT

10' (10.4CUYD) HI-WAY 304 STAINLESS STEEL MODEL XT-3 COMBINATION DUMP BODY AND REAR DISCHARGE SPREADER MOUNTED ON YOUR CHASSIS AND NON-STAINLESS COMPONENTS PAINTED ONE COLOR WITH BAKED ENAMEL.

SPECIFICATIONS INCLUDE:

- 1) PIVOTING REAR SPINNER ASSEMBLY
- 2) SLOPED DIRT SHEDDING STAINLESS STEEL SIDEBOARDS
- 3) AIR LOCKING TAILGATE
- 4) 32" STAINLESS STEEL HEADBOARD
- 5) 4-STAGE TELESCOPIC FRONT MOUNTED PISTON
- 6) CARBON STEEL CONVEYOR COVER AND PATCHING PAN
- 7) PIONEER SEMI-AUTOMATIC TARP SYSTEM W/ EXTENSION
- 8) FRAME MOUNTED BACKUP AND LIFT ALARMS
- 10) FRONT AND REAR MOUNTED RECESSED LED FLASHERS
- 11) FRONT MOUNT PRESSURE COMPENSATING CENTRAL HYDRAULIC SYSTEM WITH 4-WAY FLOW CONTROLS
- 12) 2FFL SANDER VALVE AND LINES PIPED TO THE REAR
- 13) CUSTOM POWER TILT FLOW FRAME WITH FLOW LIGHTS
- 14) 11FT EVEREST TRIP EDGE STEEL MOLDBOARD SNOW PLOW MODEL R132TEC39SH WITH HYDRAULIC REVERSING MODE.

BUDGET PRICE

APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_



1) THESE SPECIFICATIONS SHALL DESCRIBE A MULTI-PURPOSE DUMP BODY AND MATERIAL SPREADER. A TELESCOPIC HOIST MOUNTED AT THE FRONT OF THE BODY PROVIDES DUMPING AS PER CONVENTIONAL DUMP BODY AND, AS A MATERIAL SPREADER, A CENTERED MAIN CONVEYOR IN CONJUNCTION WITH A REAR CHUTE CARRIES THE MATERIAL TO A SPINNER ASSEMBLY LOCATED AT THE REAR OF THE BODY. YES  NO

2) THE STRUCK CAPACITY OF THE UNIT BEING BID SHALL BE 7.6 YARDS WITHOUT SIDEBARDS AND 11.2 WITH SIDEBARDS YES  NO

3) THE BODY INSIDE LENGTH SHALL BE 10FT AND THE INSIDE BODY WIDTH SHALL BE 95". YES  NO

4) THE SIDE HEIGHT ABOVE THE SILLS SHALL BE 36". THE TAILGATE HEIGHT ABOVE THE SILLS SHALL BE 48". THE HEAD SHEET HEIGHT ABOVE THE SILLS SHALL BE 56". YES  NO

5) THE BODY SHALL BE EQUIPPED WITH 4" WIDE SIDEBARD POCKETS THAT TAPER IN HEIGHT FROM 12" AT THE FRONT, TO 6" AT THE REAR OF THE BODY YES  NO

SIDES AND HEADSHEET :

1) THE DESIGN OF THE SHEET/FLOOR SHALL BE SUCH THAT THE VERTICAL SURFACE (SIDE WALL) TRANSFORMS INTO A HORIZONTAL SURFACE (FLOOR) THROUGH A LARGE SELF CLEANING RADIUS. THE RESULT OF THIS TRANSFORMATION SHALL BE A FLAT SURFACE OF THE DUMP BODY FLOOR ALLOWING FOR A 48" WIDE FLAT LOADING AREA. THIS DESIGN SHALL ALSO PROVIDE FOR THE CLEAN UNLOADING OF FREE FLOWING MATERIAL. YES  NO

2) ALL BODY SEAMS SHALL BE FULLY WELDED BOTH INSIDE AND OUT YES  NO

- (2)
- 3) THE HEAD SHEET AND SIDE SHEET ARE TO BE 7-GAUGE 304 STAINLESS YES  NO
- 4) BOTH THE SIDE/FLOOR SHEET AND THE HEAD SHEET SHALL BE CONSTRUCTED FROM ONE PIECE MATERIAL. SEAMS FROM SPLICING MATERIAL WILL NOT BE ALLOWED YES  NO
- 5) A BOXED TOP RAIL, SLOPED INWARD TO AID IN PREVENTING MATERIAL FROM RESTING ON THE RAIL, SHALL BE CONSTRUCTED FROM 7-GAUGE STAINLESS STEEL. THE CONSTRUCTION SHALL BE SUCH THAT THE TOP FORMED LIP OF THE SIDE SHALL OVERLAP THE CHANNEL FORMED RAIL TO PROVIDE FOR DOUBLE MATERIAL THICKNESS YES  NO
- 6) THE REAR CORNER POSTS ARE FULL DEPTH FROM THE TOP OF THE TAILGATE TO THE BOTTOM OF THE LONGITUDINAL SILLS AND ARE CONSTRUCTED FROM 7-GAUGE STAINLESS STEEL, THE LONGITUDINAL SILLS, CORNER POSTS AND REAR APRON ARE ALL TIED TOGETHER WITH 7-GAUGE STAINLESS STEEL TO PROVIDE FURTHER REINFORCEMENT TO THIS AREA YES  NO
- 7) FULL LENGTH FENDERS SHALL BE FULLY WELDED TO THE BODY SIDE SHEET. THESE FENDERS SHALL BE ANGLED OUT TO SHED MATERIALS AND BE CONSTRUCTED FROM 10-GAUGE STAINLESS STEEL YES  NO
- 8) THE HEAD SHEET HAS A VERTICAL SURFACE AT THE TOP AND THEN TAPERS REARWARD SLIGHTLY TO REDUCE PRESSURE ON THE CENTER CONVEYOR AND TO ACCOMMODATE A FRONT TOP-MOUNT TELESCOPIC HOIST. THE TOP OF THE HEAD SHEET IS REINFORCED WITH A 7-GAUGE STAINLESS FORMED CHANNEL WITH FURTHER REINFORCEMENT OCCURRING, WITH FORMED ANGLES, AT THE BEND LINE. YES  NO

- 1) THE HOIST DESIGN SHALL BE A FRONT MOUNT TOP LIFT TELESCOPIC YES  NO
- 2) THE CYLINDER SHALL BE (4) STAGE WITH 154" STROKE AND 6" DIAMETER FIRST STAGE YES  NO
- 3) THE CONNECTING PIVOTS SHALL BE GREASEABLE FITTINGS AND THE CONNECTING PINS TO BE MADE FROM C1045 STEEL ROD YES  NO
- 4) THE CYLINDER TUBES SHALL BE NITRADED AND WARRENTED FOR TWO YEARS YES  NO
- 5) THE CYLINDER BASE CRADLE SHALL BE FRAME MOUNTED AND FULLY WELDED MODULAR ASSEMBLY FABRICATED FROM 4"X6"X1/2" STRUCTURAL STEEL ANGLE YES  NO

REAR HINGE ASSEMBLY:

- 1) THE REAR HINGE ASSEMBLY SHALL BE CONSTRUCTED FROM STRUCTURAL STEEL ANGLE 6"X8"X1/2" WITH 2" STAINLESS HINGE PINS CONNECTING TO THE 2-1/2" HINGE BLOCKS YES  NO
- 2) THE BUSHINGS SHALL BE A GREASELESS COMPOSITE TYPE AND HAVE MINIMAL PIN TO BUSHING CLEARANCE YES  NO

TAILGATE :

- 1) THE TAILGATE SHALL BE CONSTRUCTED FROM 7-GAUGE 304 STAINLESS STEEL YES  NO
- 2) THERE SHALL BE FULL PERIMETER BOXING WITH ALL HORIZONTAL BRACING TO BE SLOPED OUTWARD TO SHED MATERIAL. IN ADDITION THERE SHALL ALSO BE TWO 7-GAUGE HORIZONTAL BRACES WITH A SLOPED TOP SURFACE YES  NO
- 3) THE TAILGATE SHALL OPERATE AS 2-WAY DOOR YES  NO
- 4) THE HINGE PLATES SHALL BE 1" FLAME CUT STAINLESS STEEL YES  NO

5) THE LATCH HOOKS WILL BE 3/4" WITH LATCH PLATES OF 3/8" 304 STAINLESS YES  NO

6) THE UPPER PINS ARE TO BE 1-1/4" DIAMETER AND LOWER PINS OF 1-1/4" STAINLESS YES  NO

7) THE TAILGATE LATCH MECHANISM SHALL BE AN AIR OPERATED DUAL BRAKE CHAMBER (ONE AT EACH LATCH POSITION) TYPE. YES  NO   
MAIN CONVEYOR:

1) THE 28" WIDE MAIN CONVEYOR SHALL BE RECESSED WITHIN THE 7-GAUGE 409 STAINLESS STEEL FORMED INNER AND OUTER LONGITUDINALS AND FEED MATERIAL TO FEEDGATE LOCATED IN THE TAILGATE YES  NO

2) THE MAIN CONVEYOR FLOOR SHALL BE CONSTRUCTED FROM 7-GAUGE 304 STAINLESS AND FULLY WELDED TO THE LONGITUDINAL SILLS YES  NO

3) 7-GAUGE 304 STAINLESS STEEL FORMED CHAIN SHIELDS SHALL BE FULLY WELDED AND OF DESIGN TO PROTECT THE PINTLE SIDE LINKS YES  NO

4) THE CONVEYOR CHAIN CONSTRUCTION SHALL CONSIST OF TWO STRANDS OF 29,700 PSI TENSILE STRENGTH PINTLE CHAIN WITH 1/2" X 1-1/2" CROSS BARS WELDED TO EVERY LINK YES  NO

5) THE DRIVE AND IDLER SHAFTS SHALL BE 2" CR1045 ROUND WITH TWO 8-TOOTH DROP FORGED STEEL SPROCKETS KEYED TO EACH SHAFT YES  NO

6) THE CONVEYOR GEAR CASE SHALL BE 25:1 REDUCTION; REAR MOUNTED PLANETARY DRIVE. WORM GEAR OR SPUR GEAR WILL NOT BE ACCEPTABLE. YES  NO

7) THE DRIVE MOTORS SHALL BE A HIGH TORQUE

HYDRAULIC TYPE WITH A MIN. OF 4.9 CUBIC INCH DISPLACEMENT. THE MOTOR WILL DRIVE THE GEAR CASE THROUGH A SAE 6B SPLINE SHAFT. KEYED COUPLINGS ARE NOT ACCEPTABLE YES  NO

8) THE CONVEYOR ADJUSTMENTS SHALL TAKE PLACE THROUGH TWO 2" CONVEYOR TYPE TAKEUP BEARINGS. YES  NO

9) THE LONGITUDINAL SILLS MUST BE EQUIPPED WITH SLOTS AT THE BEARING MOUNTING POINTS THAT ALLOW THE ENTIRE FRONT OR REAR SHAFT, BEARING AND SPROCKET ASSEMBLY TO BE REMOVED AS AN ASSEMBLY YES  NO

10) THE VERTICAL REAR FEED GATE PANEL SHALL BE 7-GAUGE 304 STAINLESS AND LEVER OPERATED WITH 1" INCREMENTS OF ADJUSTMENTS YES  NO

11) A COVER OF DEBRIS SHEDDING DESIGN SHALL BE PROVIDED ON THE TAILGATE, IN THE AREA AROUND THE FEEDGATE, TO AID IN PREVENTING THE FREE FLOW OF MATERIAL ON THE CONVEYOR AND REAR APRON YES  NO

REAR SPINNER :

1) THE SPINNER ASSEMBLY SHALL BE MOUNTED BY MEANS OF TWO RECEIVER TUBES LOCATED ON THE LOWER REAR SILLS. THE SQUARE TUBING FRAME WILL SUPPORT A CHUTE TO DIRECT THE MATERIAL TO THE SPINNER AS WELL AS THE SPINNER ASSEMBLY. THE SPINNER CHUTE WILL BE EQUIPPED WITH A PANEL THAT WILL ALLOW FOR CONVEYING MATERIAL AND BYPASSING THE SPINNER YES  NO

2) THE SPINNER ASSEMBLY SHALL BE ADJUSTABLE FROM LEFT TO RIGHT, FRONT TO BACK, AND UP AND DOWN TO OBTAIN AN ACCURATE PLACEMENT OF MATERIAL ON THE SPINNER DISC. IN ADDITION THE SPINNER ASSEMBLY WILL BE LINKED TO THE TRUCK

FRAME WITH A UNIVERSALLY MOUNTED PARALLEL ARM TO KEEP THE SPINNER PARALLEL TO THE ROAD SURFACE IF THE BODT IS RAISED YES  NO

3) THE SPINNER ASSEMBLY SHALL BE EQUIPPED WITH FOUR ADJUSTABLE BAFFLES TO CONTROL THE WIDTH OF MATERIAL SPREAD AS WELL AS THE DIRECTION YES  NO

4) THE SPINNER HYDRAULIC MOTOR SHALL MOUNT DIRECTLY ABOVE THE SPINNER DISC. THIS MOTOR SHALL BE PROTECTED WITHIN A MATERIAL SHEDDING HOUSING THAT IS REMOVABLE YES  NO

5) THE POLY SPINNER DISC SHALL BE 20" DIAMETER AND EQUIPPED WITH SIX RADIAL FINS YES  NO

ADDITIONAL EQUIPMENT:

1) PIONEER G1500D SEMI/AUTOMATIC TARPING SYSTEM WITH ALUMINUM ARMS AND MESH TARP YES  NO

2) REAR CORNER POST MOUNTED LED FLASHERS AND LED STOP/TAIL LIGHTS YES  NO

3)(2) SPINNER MOUNTED 4" WORK LIGHTS WITH IN-CAB CONTROLS YES  NO

4) CARBON STEEL REMOVEABLE CONVEYOR COVER YES  NO

5) CARBON STEEL REMOVEABLE REAR BERM CHUTE YES  NO

6) CARBON STEEL REMOVEABLE CUSTOM ASPHALT PAN YES  NO

7) 1" STEEL PINTLE PLATE WITH 45 TON PINTLE, D-RINGS, GLADHANDS, AND 7 SPADE TRAILER PLUG YES  NO

8) FRONT FACING HEADBOARD MOUNTED RECESSED LED FLASHERS YES  NO

9) REMOVABLE 10 GAUGE STAINLESS UNDERBODY PANS YES  NO

10) (4) STEP FOLD DOWN STAINLESS LADDER YES  NO

SPECIFICATIONS FOR CENTRAL HYDRAULICS SYSTEM:

- 1) TRANSMISSION MOUNTED WITH HOTSHIFT PTO  
PRESSURE COMPENSATING PUMP RATED AT 30  
GALLONS PER MINUTE YES  NO
- 2) PUMP SPECIFICATIONS: VARIABLE DISPLACEMENT : 0  
TO 2.77 CU IN.REV, RATED RPM @ FULL FLOW : 3000  
RPM ,RATED PRESSURE @ FULL FLOW : 3000 PSI  
,MAXIMUM PRESSURE : 3800 PSI , MAXIMUM CASE  
PRESSURE : 25 PSI , MAXIMUM HIGH PRESSURE SETTING  
@ ZERO FLOW : STANDARD 3000 PSI , LOW PRESSURE  
STANDBY SETTING @ZERO FLOW : STANDARD 190 PSI ,  
COMPENSATORY RESPONSE @ RATED RPM : 18 MIL.  
SEC., COMPENSATORY RECOVERY @ RATED RPM : 75  
MIL. SEC. , MAXIMUM CONTINUOUS INLET  
TEMPERATURE : 225 DEGREES, MINIMUM OPERATING  
TEMPERATURE : -20 DEGREES, MAXIMUM THRUST  
LOAD INTO PUMP : 250 LBS , MAXIMUM SHAFT SIDE  
LOAD , FOR 1" DIA. SHAFT : 500 LBS, YES  NO
- 3) 40 GALLON HYDRAULIC TANK WITH BAFFLE , OIL  
LEVEL GAUGE AND MAGNETIC DRAIN PLUG  
.FABRICATED FROM 07-GAUGE PLATE STEEL WITH 3\8"  
"C"SECTION END STANDS. TANK WILL BE MOUNTED TO  
THE CHASSIS FRAME RAILS YES  NO
- 4) VALVES AND IN-CAB LEVER CONTROLS WILL BE  
SUPPLIED :TO OPERATE DUMP, 4-WAY FLOW , AND  
POWER BEYOND YES  NO
- 5) SANDER CONTROLS (2FFL) SHALL BE CAB MOUNTED  
UNIT MOUNTED ON A STEEL PEDISTAL YES  NO
- 6) SANDER LINES SHALL BE PIPED TO THE REAR OF THE  
CHASSIS WITH STAINLESS TUBING AND QUIK  
DISCONNECT FITTINGS YES  NO
- 7) THE CONTROL HANDLES AND CABLES SHALL BE  
STAINLESS STEEL LOW FRICTION TYPE YES  NO

SPECIFICATIONS FOR TILTING PLOW HITCH

1) FRONT MAST CONSTRUCTED OF 4" X 4" BY 1/2" ANGLE VERTICAL MEMBERS REINFORCED BY 5/8" BY 9" PLATE RIBS, INTERSECTED BY 4" X 1/2" HORIZONTAL TOP ANGLE, A 4" X 4" DIAMETER BY 1/2" CYLINDER BASE ANGLE, AND A 3" X 2" X 1/4" BASE TUBE. THE PLOW IN POINTS ARE ON A 31" CENTERS, WITH THREE 1-1/4" DIAMETER PIN LOCATIONS. YES  NO

2) LIFT ARM FABRICATED FROM 1" FLAME CUT STEEL PLATE, BRACED WITH TWO 1/2" X 2" STEEL FLATBARS WELDED TO THE MAIN ARM, AND PROVIDES 20.75" OF LIFT WITH A 4" DIAMETER BY 14" STROKE DOUBLE ACTING PISTON-TYPE CYLINDER HAVING A NITRATED ROD. THE LIFT ARM SHALL HAVE A TRIPLE POINT CHAIN HOOK. YES  NO

3) FRONT MAST POWERS THE FRAME BOTH UP AND DOWN FOR ENGINE ACCESS YES  NO

4) FRONT MAST SHOULD BE PINNED TO A MAST SUPPORT FRAME WITH FOUR 1-1/4" STEEL PINS YES  NO

5) SUPPORT FRAME IS WELDED TO A 1" STEEL BUMPER PLATE FULL WIDTH AND CAN BE ADJUSTED IN HEIGHT TO ACCOMMODATE VARYING FRAME HEIGHTS YES  NO

6) THERE SHALL BE TWO 1/2" THICK UPPER CHEEK PLATES BOLTED TO THE FRONT FRAME ENDS TO CARRY THE VERTICAL LOAD. THERE SHALL BE TWO 1/2" BY 24" FRAME RAIL REINFORCEMENTS BOLTED TO THE FRAME ABOVE THE FRONT AXLE. THERE SHALL BE 5/8" THICK REINFORCED CHEEK PLATE BOLTED BETWEEN THE LOWER BUMPER PLATE AND THE FRAME RAIL REINFORCEMENT BRACKET TO TRANSFER PLOWING LOADS INTO THE CHASSIS RAILS YES

7) PLOW LIGHTS SHALL BE MOUNTED ON THE PLOW  
FRAME AND BE REMOVEABLE BY A 6 PRONG PLUG AND  
OPERATE ON THE SAME LIGHT SWITCH AS THE  
CHASSIS HEADLIGHTS YES  NO

8) FACTORY BUMPER SHALL BE WELDED ON EACH SIDE  
AS CLOSE TO THE FRONT GRILLE AS POSSIBLE.  
EXSISTING FRONT FRAME EXTENSION MUST BE CUT  
DOWN TO APPROX. 5" FROM THE FRONT GRILLE TO  
ALLOW AS LITTLE CLEARANCE BETWEEN THE PLOW  
FRAME AND GRILLE NO NON-CUSTOM PLOW FRAME'S  
SHALL BE ALLOWED YES  NO

## SPECIFICATIONS FOR SNOW PLOW

### MOLDBOARD :

1) THE MOLDBOARD SHALL BE FABRICATED FROM 10 GAUGE STEEL PLATE AND SHALL BE 132" LONG. THE HEIGHT OF THE MOLDBOARD SHALL BE 39" MEASURED AT THE TOP OF THE CURL OF THE SKIN PLATE SURFACE VERTICAL TO THE GROUND AND HAVE AN ATTACK ANGLE OF 60 DEGREES. YES  NO

2) THE MOLDBOARD SHALL CONSIST OF A STEEL FRAMEWORK SUPPORTING THE SKIN PLATE. THE FRAMEWORK SHALL CONSIST OF TEN 3/8" THICK BY 3-1/2" DEEP STEEL FLAME CUT RIBS YES  NO

3) IT SHALL HAVE A STANDARD BLADE BOLT PATTERN TO ACCEPT 8" OR 12" CENTERS. THE CUTTING EDGE SHALL BE 1/2" X 8" C-1085 STEEL. THERE SHALL BE TWO MOLDBOARD SHOES STANDARD BEHIND THE BLADE AND A CURB SHOE ON EACH END. THE MOLDBOARD SHALL HAVE TWO LIFT POINTS. YES  NO

### PUSH FRAME :

1) THE PUSH FRAME SHALL ATTACH AT FOUR POINTS EVENLY SPACED ON 1-1/4" DIAMETER PINS THROUGH DUAL RIBS. THE ATTACHED PINS SHALL HAVE A 1-1/2" THICK BEARING AREA AT EACH LOCATION  
YES  NO

2) HYDRAULIC REVERSING UTILIZING TWO 3-1/2" BORE X16" DOUBLE ACTING NITRIDED CYLINDERS PROTECTED BY DOUBLE CIRCUIT PRESSURE RELIEF VALVE WITH QUIK COUPLERS AND HOSES  
YES  NO

3) THE PUSH FRAME SHALL ALLOW ANGLING TO 35 DEGREES EITHER SIDE OF THE BULLDOZE POSITION  
YES  NO

\*  
REVERSING FRAME:

- 1) THE REVERSING FRAME SHALL HAVE A MAIN BEAM OF 6" X 4" X 3/8" HSS TUBE REINFORCED BY A FULL WIDTH SECTOR FABRICATED FROM 4" X 4" X 1/2" STRUCTURAL STEEL ANGLE. IT SHALL BE GUSSETED AT THE STRESS POINTS AND PIVOTING AROUND A 2-1/2" DIAMETER 100,000PSI STEEL PIN. YES  NO
- 2) THERE SHALL BE FOUR MOLDBOARD ATTACHMENT EARS ON 30-1/2" CENTERS OF 3/4" THICK FLAME CUT STEEL WITH 1-1/4" DIAMETER PINS. YES  NO

A-FRAME :

- 1) THE A-FRAME SHALL BE FABRICATED FROM 3/8" PLATE REINFORCED WITH 4" X 4" 1/2" ANGLE. THERE SHALL BE AN OSCILLATOR BASE 1" THICK PLATE WITH A 1-1/2" DIAMETER PIVOT BOLT. THERE SHALL BE AN OSCILLATOR BAR OF 1" X 5" YES  NO
- LEVELING DEVICE :

- 1) THE LEVELING DEVICE SHALL BE CONSTRUCTED FROM TWO 3/4" EARS WELDED IN THE MIDDLE OF THE TWO EARS TO KEEP THE PLOW LEVEL WHEN ANGLED OR IN THE BULLDOZE POSITION YES  NO
- 2) CRANK DOWN JACK SHALL BE SUPPLIED AND ATTACHED TO THE PUSH FRAME YES  NO