



CITY OF TORRINGTON

PURCHASING DEPARTMENT
140 Main Street, Room 206
Torrington, CT 06790

Pennie Zucco, Purchasing Agent
Phone: (860)-489-2225
Fax (860)-489-2547
Email: pennie_zucco@torringtonct.org

May 2, 2018

Mayor Elinor Carbone
Members of the City Council

RE: State Contract 14PSX0239 (2) Freightliner Plow Trucks, Model #114SD w/plows, Upgraded Radio

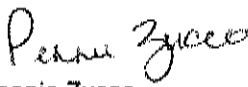
A request presented to the Vehicle Replacement Advisory Board to waive the City's bid process and purchase two (2) Freightliner Plow Trucks with plows, Model #114SD from State Contract 14PSX0239, (Snow and Ice Plow Trucks) from Freightliner of Hartford, Inc. of East Hartford, CT. The cost per truck is \$152,270.45/ea. Marcus Communications will be supplying the upgraded radios with installation for \$906.85 per unit.

The City has been purchasing miscellaneous equipment and supplies from Freightliner since 2001 with satisfactory results.

Vote to accept the recommendation of the Vehicle Replacement Advisory Board, Public Works Director, Fleet Manager and the Superintendent of Streets & Parks, and authorize the Mayor to purchase (2) Freightliner Plow Trucks, Model 114SD, from Freightliner of Hartford, for \$304,540.90 (\$152,270.45/ea.) with a radio upgrade from Marcus Communications for \$906.85 per radio.

Funding for this equipment will be from the vehicle replacement account.

Thank you for your consideration on this matter.


Pennie Zucco
Purchasing Agent

cc: E. Castro; B. Mayers; J. Rollett

2018 MAY -3 PM 3: 29

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TORRINGTON TOWN CLERK



Marcus Communications
33 Mitchell Drive
PO Box 1498
Manchester CT 06045
Phone: 860-646-1839

QUOTE

Date	Quote #
5/3/2018	0000049287

Name / Address
Torrington Public Works 107 Arthur St Torrington CT 06790

Prepared By	Maria B
Job	

ITEM	DESCRIPTION	QTY	COST	TOTAL
	Emil requested this quote through Greg Jarvis for two new Plow Truck radio installations.			
	This quote includes new digital radios that can work on the existing VHF radio system but will also be able to be used on the new digital system without any additional cost.			
MD782G-U1	Mobile Radio DMR GPS UHF 400-470 MHz 1024CH 45W	2.00	584.30	1,168.60
EMFLX-M10004	Antenna, Poly Spring VHF 3dB Gain Roof Mount Antenna 132-174 MHz	2.00	42.14	84.28
NMOKUD	Cable, NMO 3/4" mount, No connector. (17 feet of RG58/U dual shield cable)	2.00	13.81	27.62
	# 11242 RF Industries - BNC Male-RG58,RG141	2.00	6.60	13.20
	Install Kit - Radio	2.00	10.00	20.00
	Labor at Customer location to install the above equipment	4.00	125.00	500.00

Above pricing assumes prompt payment of all related invoices upon acceptance and performance / delivery.

Subtotal	\$1,813.70
Sales Tax	\$0.00
Total	\$1,813.70

Quote Accepted _____

2018 MAY -3 PM 3: 29

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BIZ NET		STATE OF CONNECTICUT	
Current User	Home	Biznet Menu	Log In/Out
Search	Search Results	Results Detail	Solicitation Detail
SCP Contract Details			
State Contracting Portal Contract Results			
Administrative Services, Procurement Services Contract Detail Info For # 14PSX0239			
Dates			
Award Date	Start Date	End Date	
03/03/2015	03/04/2015	01/24/2026	
Description			
Snow and Ice Plov Trucks in 41,000lb, 62,000lb, and 72,000lb. GVWR			
Comments			
Restrictions			
Set Aside	Qualified Partnership	DBE	Political Subdivisions
No	No	No	Yes
Agencies		CT Recovery	
Yes		No	
Contact(s)			
Contact	Telephone	FAX	E-Mail
Joe Giliberto	(860) 713-5098	(860) 622-2917	joe.giliberto@ct.gov
Common Documents			
Date	Description		
12/22/2017 7:01:49 AM	14PSX0239.pdf Supplement and Contract Documents		
1 Vendor(s)			
Contract #	Cert	Vendor	Contact
14PSX0239AA Start: 03/04/2015 End: 01/24/2026	No	Freightliner of Hartford, Inc. 222 Roberts Street East Hartford, CT 06108 Peoplesoft ID: 0000010831	Kevin Bigiazzi Phone: (860) 289-0201 FAX: (860) 610-6242 E-Mail
Catalog		No	
The Department of Administrative Services - Business Network. Review our Privacy Policy Need to contact us? Send e-mail to DAS Web Design All State disclaimers and permissions apply.			

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robert@freightlinerofhartford.com

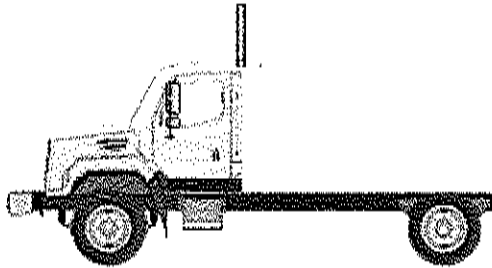
A proposal for:
City of Torrington
Emil Castro

Prepared by:
Freightliner of Hartford, Inc.
Rob Andrighetti

March 30, 2018

Freightliner 114SD with W.H. Rose body package

Per State Contract # 14PSX0239



Components shown may not reflect all spec'd options and are not to scale

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Q U O T A T I O N Per State Contract # 14PSX0239

114SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
 CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150
 LB/FT @ 1400 RPM
 ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH
 PTO PROVISION
 RS-30-185 30,000# U-SERIES SINGLE REAR AXLE
 30,000# FLAT LEAF SPRING REAR SUSPENSION WITH
 HELPER AND RADIUS ROD
 DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP
 SINGLE FRONT AXLE
 18,000# FLAT LEAF FRONT SUSPENSION

114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL
 CAB
 4125MM (162 INCH) WHEELBASE
 7/16X3-9/16X11-1/8 INCH STEEL FRAME
 (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
 1600MM (63 INCH) REAR FRAME OVERHANG
 PARTIAL INNER FRAME REINFORCEMENT AT FRONT
 SUSPENSION
 BODY COMPANY INSTALLED ADDITIONAL FRONT
 FRAME REINFORCEMENT FOR SNOW PLOW

		PER UNIT	TOTAL FOR (2) UNITS
ITEM # 1a	(base state chassis)	\$ 95,997.00	\$ 191,994.00
ITEM # 1h	(chassis options)	\$ (7,531.55)	\$ (15,063.10)
ITEM # 1j	(body package)	\$ 49,270.00	\$ 98,540.00
ITEM # 1j	(auto grease system)	\$ 5,100.00	\$ 10,200.00
EXTENDED WARRANTY		\$ 0	\$ 0
CUSTOMER PRICE BEFORE TAX		\$ 142,835.45	\$ 285,670.90

TAXES AND FEES

TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
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BALANCE DUE	(LOCAL CURRENCY)	\$ 142,835.45	\$ 285,670.90
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Chassis options at NET cost per unit:

- | | |
|--|------------|
| 1. 30,000 lb. Chalmers rear suspension | \$1,461.50 |
| 2. Bustin serrated aluminum cab steps | \$ 483.24 |

Body options at NET cost per unit:

- | | |
|---|------------|
| A. 25-Ton pintle | \$1,350.00 |
| B. Air operated tailgate | \$ 450.00 |
| C. Poly fenders | \$ 675.00 |
| D. Bolt on paving apron | \$ 660.00 |
| E. Everest 11' trip edge butterfly plow | \$9,435.00 |
| F. DOT3410D strobes with snowaway lens | \$2,663.00 |
| G. Heated LED plow lights | \$ 680.00 |

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robert@freightlinerofhartford.com

- Freightliner of Hartford's state contract (# 14PSX0239) is valid through 2026 for all single, tandem and tri axle trucks, in various configurations (snow/ice trucks, street sweepers, bucket trucks, vac trucks, etc.). Our state contract also has guaranteed pricing for model years 2018, 2019 and 2020.

Freightliner of Hartford, Inc. offers:

- A FREE pick up and delivery service for trucks requiring servicing for the LIFE of the truck. This service is offered regardless if the truck is under warranty or not.
 - Over \$3,000,000 in parts inventory with a twice daily delivery service in the City of Torrington area.
 - Truck and equipment training free of charge.
 - Online service, parts and wiring manuals free of charge.
-
- Chassis portion will be invoiced at time of delivery to the body company and payment expected within 30 days.
 - Body portion will be invoiced at time of final delivery to the town.
 - Warranty start dates will not occur until final delivery and acceptance of completed unit is made to the town.

APPROVAL: Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ____ / ____ / ____.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.

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SPECIFICATION PROPOSAL

Description	
Price Level	
	SD PRL-16D (EFF:04/25/17)
Data Version	
	SPECPRO21 DATA RELEASE VER 013
Vehicle Configuration	
	114SD CONVENTIONAL CHASSIS
	2019 MODEL YEAR SPECIFIED
	SET BACK AXLE - TRUCK
	TRAILER TOWING PROVISION AT END OF
	FRAME FOR TRUCK
	LH PRIMARY STEERING LOCATION
General Service	
	TRUCK/TRAILER CONFIGURATION
	DOMICILED, USA 50 STATES (INCLUDING
	CALIFORNIA AND CARB OPT-IN STATES)
	UTILITY/REPAIR/MAINTENANCE SERVICE
	GOVERNMENT BUSINESS SEGMENT
	DIRT/SAND/ROCK COMMODITY
	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN
	TRANSIT, IS SPENT ON PAVED ROADS
	MAXIMUM 8% EXPECTED GRADE
	SMOOTH CONCRETE OR ASPHALT PAVEMENT -
	MOST SEVERE IN-TRANSIT (BETWEEN SITES)
	ROAD SURFACE
	FREIGHTLINER LEVEL II WARRANTY
	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs
	EXPECTED REAR DRIVE AXLE(S) LOAD :
	27120.0 lbs
	EXPECTED GROSS VEHICLE WEIGHT CAPACITY
	: 45120.0 lbs
	EXPECTED GROSS COMBINATION WEIGHT :
	80000.0 lbs

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	Description
Truck Service	
	FRONT PLOW/END DUMP BODY W.H. ROSE
Tractor Service	
	FLATBED TRAILER SINGLE (1) TRAILER
Engine	
	CUM L9 350 HP @ 2000 RPM, 2200 GOV RPM, 1150 LB/FT @ 1400 RPM
Electronic Parameters	
	75 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT PTO MODE ENGINE RPM LIMIT - 2100 RPM PTO RPM WITH CRUISE SET SWITCH - 900 RPM PTO RPM WITH CRUISE RESUME SWITCH - 900 RPM PTO MODE CANCEL VEHICLE SPEED - 25 MPH PTO GOVERNOR RAMP RATE - 50 RPM PER SECOND ENABLE REGENERATION IN PTO MODE ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH INCREMENT BETWEEN BRAKING LEVELS PTO MINIMUM RPM - 700 REGEN INHIBIT SPEED THRESHOLD - 5 MPH
Engine Equipment	
	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION 2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR) STANDARD OIL PAN ENGINE MOUNTED OIL CHECK AND FILL SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED DR 12V 160 AMP 36-SI BRUSHLESS QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE

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Description

(3) ALLIANCE MODEL 1231XOE, GROUP 31, 12
VOLT MAINTENANCE FREE 3375 CCA
THREADED STUD BATTERIES
BATTERY BOX FRAME MOUNTED
STANDARD BATTERY JUMPERS
SINGLE BATTERY BOX FRAME MOUNTED LH
SIDE UNDER CAB
WIRE GROUND RETURN FOR BATTERY CABLES
WITH ADDITIONAL FRAME GROUND RETURN
NON-POLISHED BATTERY BOX COVER
POSITIVE LOAD DISCONNECT WITH CAB
MOUNTED CONTROL SWITCH MOUNTED
OUTBOARD DRIVER SEAT
CUMMINS TURBOCHARGED 18.7 CFM AIR
COMPRESSOR WITH INTERNAL SAFETY VALVE
ELECTRONIC ENGINE INTEGRAL SHUTDOWN
PROTECTION SYSTEM
CUMMINS EXHAUST BRAKE INTEGRAL WITH
VARIABLE GEOMETRY TURBO WITH ON/OFF
DASH SWITCH
RH OUTBOARD UNDER STEP MOUNTED
HORIZONTAL AFTERTREATMENT SYSTEM
ASSEMBLY WITH RH B-PILLAR MOUNTED
VERTICAL TAILPIPE
ENGINE AFTERTREATMENT DEVICE,
AUTOMATIC OVER THE ROAD REGENERATION
AND DASH MOUNTED REGENERATION
REQUEST SWITCH
10 FOOT 06 INCH (126 INCH+0/-5.9 INCH)
EXHAUST SYSTEM HEIGHT
RH CURVED VERTICAL TAILPIPE B-PILLAR
MOUNTED ROUTED FROM STEP
6 GALLON DIESEL EXHAUST FLUID TANK
100 PERCENT DIESEL EXHAUST FLUID FILL
STANDARD DIESEL EXHAUST FLUID PUMP
MOUNTING
LH MEDIUM DUTY STANDARD DIESEL EXHAUST
FLUID TANK LOCATION
STANDARD DIESEL EXHAUST FLUID TANK CAP
ALUMINUM AFTERTREATMENT
DEVICE/MUFFLER/TAILOPIPE SHIELD(S)
HORTON DRIVEMASTER ADVANTAGE ON/OFF
FAN DRIVE
AUTOMATIC FAN CONTROL WITHOUT DASH
SWITCH, NON ENGINE MOUNTED

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Description

CUMMINS SPIN ON FUEL FILTER
COMBINATION FULL FLOW/BYPASS OIL FILTER
1300 SQUARE INCH ALUMINUM RADIATOR
ANTIFREEZE TO -34F, OAT (NITRITE AND
SILICATE FREE) EXTENDED LIFE COOLANT
GATES BLUE STRIPE COOLANT HOSES OR
EQUIVALENT
CONSTANT TENSION HOSE CLAMPS FOR
COOLANT HOSES
RADIATOR DRAIN VALVE
ELECTRIC GRID AIR INTAKE WARMER
DELCO 12V 39MT HD/OCP STARTER WITH
THERMAL PROTECTION AND INTEGRATED
MAGNETIC SWITCH

Transmission

ALLISON 3000 RDS AUTOMATIC TRANSMISSION
WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 -
AVAILABLE ON 3000/4000 PRODUCT FAMILIES
WITH VOCATIONAL MODELS RDS, HS, MH AND
TRV
ALLISON VOCATIONAL RATING FOR ON/OFF
HIGHWAY APPLICATIONS AVAILABLE WITH ALL
PRODUCT FAMILIES
PRIMARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
SECONDARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 3, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
S1 PERFORMANCE PRIMARY SHIFT SCHEDULE,
AVAILABLE FOR 3000/4000 PRODUCT FAMILIES
ONLY
S1 PERFORMANCE SECONDARY SHIFT
SCHEDULE, AVAILABLE FOR 3000/4000
PRODUCT FAMILIES ONLY
2200 RPM PRIMARY MODE SHIFT SPEED
2200 RPM SECONDARY MODE SHIFT SPEED
DISABLE - LOAD BASED SHIFT SCHEDULE,
DISABLE - VEHICLE ACCELERATION CONTROL
NEUTRAL AT STOP - DISABLED, FUELSENSE -
DISABLED

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Description

DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
MAXIMUM ENGINE SPEED FOR PTO ENGAGEMENT 900 RPM
MAXIMUM ENGINE SPEED FOR PTO OPERATION 3000 RPM
MAXIMUM OUTPUT SPEED FOR PTO ENGAGEMENT 4000 RPM
MAXIMUM OUTPUT SPEED FOR PTO OPERATION 4000 RPM - ALLISON 5TH GEN TRANSMISSIONS
VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT FIREWALL
ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED
CUSTOMER INSTALLED CHELSEA 277 SERIES PTO
PTO MOUNTING, RH SIDE OF MAIN TRANSMISSION
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
ELECTRONIC CONTROL T-HANDLE SHIFT LEVER, DASH MOUNTED
TRANSMISSION PROGNOSTICS - ENABLED 2013
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

Front Axle and Equipment

DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74
DROP SINGLE FRONT AXLE
MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
NON-ASBESTOS FRONT BRAKE LINING
CONMET CAST IRON FRONT BRAKE DRUMS
FRONT OIL SEALS
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
STANDARD SPINDLE NUTS FOR ALL AXLES

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Description

HALDEX AUTOMATIC FRONT SLACK
ADJUSTERS WITH STAINLESS STEEL CLEVIS
PINS
STANDARD KING PIN BUSHINGS
TRW THP-60 POWER STEERING WITH RCH45
AUXILIARY GEAR
POWER STEERING PUMP
4 QUART POWER STEERING RESERVOIR
OIL/AIR POWER STEERING COOLER
ORGANIC SAE 80/90 FRONT AXLE LUBE

Front Suspension

18,000# FLAT LEAF FRONT SUSPENSION
GRAPHITE BRONZE BUSHINGS WITH SEALS -
FRONT SUSPENSION
FRONT SHOCK ABSORBERS

Rear Axle and Equipment

RS-30-185 30,000# U-SERIES SINGLE REAR
AXLE
6.14 REAR AXLE RATIO
IRON REAR AXLE CARRIER WITH STANDARD
AXLE HOUSING
MXL 176T MERITOR EXTENDED LUBE MAIN
DRIVELINE WITH HALF ROUND YOKES
DRIVER CONTROLLED TRACTION
DIFFERENTIAL - SINGLE REAR AXLE
(1) DRIVER CONTROLLED DIFFERENTIAL LOCK
REAR VALVE FOR SINGLE DRIVE AXLE
BLINKING LAMP WITH EACH MODE SWITCH,
DIFFERENTIAL UNLOCK WITH IGNITION OFF,
ACTIVE <5 MPH
MERITOR 16.5X7 P CAM REAR BRAKES,
DOUBLE ANCHOR, CAST SHOES
NON-ASBESTOS REAR BRAKE LINING
BRAKE CAMS AND CHAMBERS ON REAR SIDE
OF DRIVE AXLE(S)
WEBB CAST IRON REAR BRAKE DRUMS
REAR OIL SEALS
BENDIX EVERSURE 36/36 1-DRIVE AXLE
SPRING PARKING CHAMBERS
HALDEX AUTOMATIC REAR SLACK ADJUSTERS
WITH STAINLESS STEEL CLEVIS PINS
ORGANIC SAE 80/90 REAR AXLE LUBE

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	Description
	STANDARD REAR AXLE BREATHER(S)
Rear Suspension	30,000# FLAT LEAF SPRING REAR SUSPENSION WITH HELPER AND RADIUS ROD SPRING SUSPENSION - 1.50" AXLE SPACER STANDARD AXLE SEATS IN AXLE CLAMP GROUP FORE/AFT CONTROL RODS
Brake System	WABCO 4S/4M ABS WITH TRACTION CONTROL REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES FIBER BRAID PARKING BRAKE HOSE STANDARD BRAKE SYSTEM VALVES STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM STD U.S. FRONT BRAKE VALVE RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER WABCO OIL COALESCING FILTER FOR AIR DRYER AIR DRYER MOUNTED INBOARD ON LH RAIL STEEL AIR BRAKE RESERVOIRS; CUSTOMER ACCEPTS TANKS MOUNTED PERPENDICULAR TO RAIL CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS
Trailer Connections	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME

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Description

UPGRADED CHASSIS MULTIPLEXING UNIT

Wheelbase & Frame

4125MM (162 INCH) WHEELBASE
7/16X3-9/16X11-1/8 INCH STEEL FRAME
(11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
PARTIAL INNER FRAME REINFORCEMENT AT
FRONT SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL
FRONT FRAME REINFORCEMENT FOR SNOW
PLOW
1600MM (63 INCH) REAR FRAME OVERHANG
FRAME OVERHANG RANGE: 61 INCH TO 70
INCH
24 INCH INTEGRAL FRONT FRAME EXTENSION
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) :
96.45 in
CALCULATED EFFECTIVE BACK OF CAB TO
REAR SUSPENSION C/L (CA) : 93.45 in
CALC'D FRAME LENGTH - OVERALL : 294.61
CALC'D SPACE AVAILABLE FOR DECKPLATE :
96.45 in
CALCULATED FRAME SPACE LH SIDE : 58.64 in
CALCULATED FRAME SPACE RH SIDE : 88.08 in
SQUARE END OF FRAME
FRONT CLOSING CROSSMEMBER
STANDARD WEIGHT ENGINE CROSSMEMBER
STANDARD MIDSHIP #1 CROSSMEMBER(S)
REARMOST CROSSMEMBER MOUNTED WITH
LAST CROSSMEMBER 13 INCHES FROM END
OF FRAME
STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

14 INCH PAINTED STEEL BUMPER
FRONT TOW HOOKS - FRAME MOUNTED
BUMPER MOUNTING FOR SINGLE LICENSE
PLATE
HUCK-SPIN ROUND COLLAR CHASSIS
FASTENERS SUSPENSIONS ONLY

Fuel Tanks

50 GALLON/189 LITER SHORT RECTANGULAR
ALUMINUM FUEL TANK - LH

Prepared for:
Emil Castro
City of Torrington
107 Arthur Street
Torrington, CT 06790
Phone: 860-489-2352
E-Mail:
emil_castro@torringtonct.org

Prepared by:
Robert Andrighetti
FREIGHTLINER OF HARTFORD
199 ROBERTS STREET
EAST HARTFORD, CT 06108
Phone: 860-289-0201
E-Mail:
robert@freightlinerofhartford.com

Description
RECTANGULAR FUEL TANK(S) PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS FUEL TANK(S) FORWARD PLAIN STEP FINISH FUEL TANK CAP(S) DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND 12 VOLT PREHEATER EQUIFLO INBOARD FUEL SYSTEM NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
Tires
MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES MICHELIN XDS 12R22.5 16 PLY RADIAL REAR TIRES
Hubs
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS WEBB IRON REAR HUBS
Wheels
ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2- HAND HD STEEL DISC REAR WHEELS
Cab Exterior
114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB AIR CAB MOUNTING NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE SHORT FENDER WITH MUDFLAP LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT STATIONARY BLACK GRILLE BLACK HOOD MOUNTED AIR INTAKE GRILLE FIBERGLASS HOOD

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Description

SINGLE 14 INCH ROUND HADLEY AIR HORN
UNDER LH DECK
SINGLE ELECTRIC HORN
SINGLE HORN SHIELD
DOOR LOCKS AND IGNITION SWITCH KEYED
THE SAME
REAR LICENSE PLATE MOUNT END OF FRAME
HALOGEN COMPOSITE HEADLAMPS WITH
BLACK BEZELS
LED AERODYNAMIC MARKER LIGHTS
HEADLIGHTS ON WITH WIPERS, WITH LOW
BEAM DAYTIME RUNNING LIGHTS
INTEGRAL LED STOP/TAIL/BACKUP LIGHTS
STANDARD FRONT TURN SIGNAL LAMPS
DUAL WEST COAST MOLDED-IN COLOR
HEATED MIRRORS
DOOR MOUNTED MIRRORS
102 INCH EQUIPMENT WIDTH
LH AND RH 8 INCH MOLDED-IN COLOR CONVEX
MIRRORS MOUNTED UNDER PRIMARY
MIRRORS
RH AND LH 8 INCH HEATED STAINLESS STEEL
FENDER MOUNTED CONVEX MIRRORS WITH
TRIPOD BRACKETS
STANDARD SIDE/REAR REFLECTORS
RH AFTERTREATMENT SYSTEM CAB ACCESS
WITH PLAIN DIAMOND PLATE COVER
ELECTRIC HORN WARNING SYSTEM FOR PARK
BRAKE NOT SET WITH DOOR OPEN AND ALL
IGNITION KEY POSITIONS
63X14 INCH TINTED REAR WINDOW
TINTED DOOR GLASS LH AND RH WITH TINTED
NON-OPERATING WING WINDOWS
MANUAL DOOR WINDOW REGULATORS
1-PIECE TINTED CURVED BONDED WINDSHIELD
WITH HEATED WIPER BLADE PARK AREAS
2 GALLON WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR, FRAME
MOUNTED

Cab Interior

OPAL GRAY VINYL INTERIOR
MOLDED PLASTIC DOOR PANEL

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Description

MOLDED PLASTIC DOOR PANEL
BLACK MATS WITH SINGLE INSULATION
DASH MOUNTED ASH TRAY(S) WITHOUT
LIGHTER
NO FORWARD ROOF MOUNTED CONSOLE
IN DASH STORAGE BIN
CENTER STORAGE CONSOLE MOUNTED ON
BACKWALL
(2) CUP HOLDERS LH AND RH DASH
GRAY/CHARCOAL FLAT DASH
SMART SWITCH EXPANSION MODULE
2-1/2 LB. FIRE EXTINGUISHER
HEATER, DEFROSTER AND AIR CONDITIONER
STANDARD HVAC DUCTING WITH SNOW
SHIELD FOR FRESH AIR INTAKE
MAIN HVAC CONTROLS WITH RECIRCULATION
SWITCH
STANDARD HEATER PLUMBING
DENSO HEAVY DUTY AIR CONDITIONER
COMPRESSOR
BINARY CONTROL, R-134A
STANDARD INSULATION
SOLID-STATE CIRCUIT PROTECTION AND
FUSES
12V NEGATIVE GROUND ELECTRICAL SYSTEM
DOME DOOR ACTIVATED LH AND RH, DUAL
READING LIGHTS, FORWARD CAB ROOF
CAB DOOR LATCHES WITH MANUAL DOOR
LOCKS
(1) 12 VOLT POWER SUPPLY IN DASH
TRIANGULAR REFLECTORS WITHOUT FLARES
PREMIUM HIGH BACK AIR SUSPENSION DRIVER
SEAT WITH 3 CHAMBER AIR LUMBAR,
INTEGRATED CUSHION EXTENSION, FORWARD
AND REAR CUSHION TILT, ADJUSTABLE SHOCK
ABSORBER
BASIC HIGH BACK AIR SUSPENSION
PASSENGER SEAT WITH MECHANICAL LUMBAR
AND INTEGRATED CUSHION EXTENSION
DUAL DRIVER SEAT ARMRESTS, NO
PASSENGER SEAT ARMRESTS
LH AND RH INTEGRAL DOOR PANEL ARMRESTS

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Description

VINYL WITH VINYL INSERT DRIVER SEAT
VINYL WITH VINYL INSERT PASSENGER SEAT
BLACK SEAT BELTS
ADJUSTABLE TILT AND TELESCOPING
STEERING COLUMN
4-SPOKE 18 INCH (450MM) STEERING WHEEL
DRIVER AND PASSENGER INTERIOR SUN
VISORS

Instruments & Controls

GRAY DRIVER INSTRUMENT PANEL
GRAY CENTER INSTRUMENT PANEL
BLACK GAUGE BEZELS
LOW AIR PRESSURE INDICATOR LIGHT AND
AUDIBLE ALARM
2 INCH PRIMARY AND SECONDARY AIR
PRESSURE GAUGES
ENGINE COMPARTMENT MOUNTED AIR
RESTRICTION INDICATOR WITH GRADUATIONS,
WITH WARNING LIGHT IN DASH
97 DB BACKUP ALARM
ELECTRONIC CRUISE CONTROL WITH
SWITCHES IN LH SWITCH PANEL
KEY OPERATED IGNITION SWITCH AND
INTEGRAL START POSITION: 4 POSITION
OFF/RUN/START/ACCESSORY
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28
LED WARNING LAMPS AND DATA LINKED
HEAVY DUTY ONBOARD DIAGNOSTICS
INTERFACE CONNECTOR LOCATED BELOW LH
DASH
2 INCH ELECTRIC FUEL GAUGE
PROGRAMMABLE RPM CONTROL -
ELECTRONIC ENGINE
ELECTRICAL ENGINE COOLANT TEMPERATURE
GAUGE
2 INCH TRANSMISSION OIL TEMPERATURE
GAUGE
ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY
(1) DASH MOUNTED PTO SWITCH WITH
INDICATOR LAMP FOR CUSTOMER INSTALLED
PTO
ELECTRIC ENGINE OIL PRESSURE GAUGE

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Description

OVERHEAD INSTRUMENT PANEL
SMARTPLEX HUB MODULE WITH OVERHEAD
SWITCH MOUNTING, DRIVER SIDE AND CENTER
CONSOLE (12 SWITCH SLOTS)
AM/FM/MWB WORLD TUNER RADIO WITH
AUXILIARY INPUT, J1939
DASH MOUNTED RADIO
(2) RADIO SPEAKERS IN CAB
AM/FM ANTENNA MOUNTED ON FORWARD LH
ROOF
POWER AND GROUND WIRING PROVISION
OVERHEAD
ROOF/OVERHEAD CONSOLE CB RADIO
PROVISION
ELECTRONIC MPH SPEEDOMETER WITH
SECONDARY KPH SCALE, WITHOUT
ODOMETER
STANDARD VEHICLE SPEED SENSOR WITH
ADDITIONAL SIGNAL FOR CUSTOMER USE
LOCATED BETWEEN DRIVER AND PASSENGER
SEATS
ELECTRONIC 3000 RPM TACHOMETER
NO VEHICLE PERFORMANCE MONITOR
IGNITION SWITCH CONTROLLED ENGINE STOP
PRE-TRIP LAMP INSPECTION, ALL OUTPUTS
FLASH, WITH SMART SWITCH
8 ON/OFF LATCHING SMARTPLEX SWITCHES
2 ON/OFF MOMENTARY SMARTPLEX SWITCHES
BODY UP AND GATE OPEN SMARTPLEX
INDICATOR LAMPS
0-RED, 1-AMBER, 1-GREEN SMARTPLEX
INDICATOR LAMPS
BW TRACTOR PROTECTION VALVE
TRAILER HAND CONTROL BRAKE VALVE
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
DRIVER DISPLAY
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
WITH DELAY PROGRAMMED TO SLOWEST
SPEED WITH PARK BRAKE SET
MARKER LIGHT SWITCH INTEGRAL WITH
HEADLIGHT SWITCH AND SINGLE CONNECTOR
AND SWITCH FOR CUSTOMER FURNISHED
SNOW PLOW LIGHTS, LOW BEAMS OFF WITH
HIGH BEAMS

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Description

TWO VALVE PARKING BRAKE SYSTEM WITH
WARNING INDICATOR

SELF CANCELING TURN SIGNAL SWITCH WITH
DIMMER, WASHER/WIPER AND HAZARD IN
HANDLE

INTEGRAL ELECTRONIC TURN SIGNAL
FLASHER WITH HAZARD LAMPS OVERRIDING
STOP LAMPS

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0006EB WHITE ELITE 8C
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
PAINT

POWDER WHITE (N0006EA) FRONT
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)

POWDER WHITE (N0006EA) REAR
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)

STANDARD BLACK BUMPER PAINT

STANDARD E COAT/UNDERCOATING

Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES
CABS AND GLIDER KITS

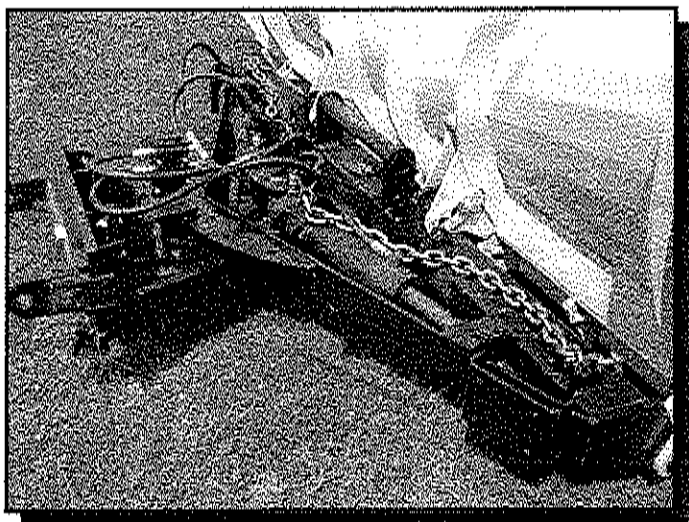
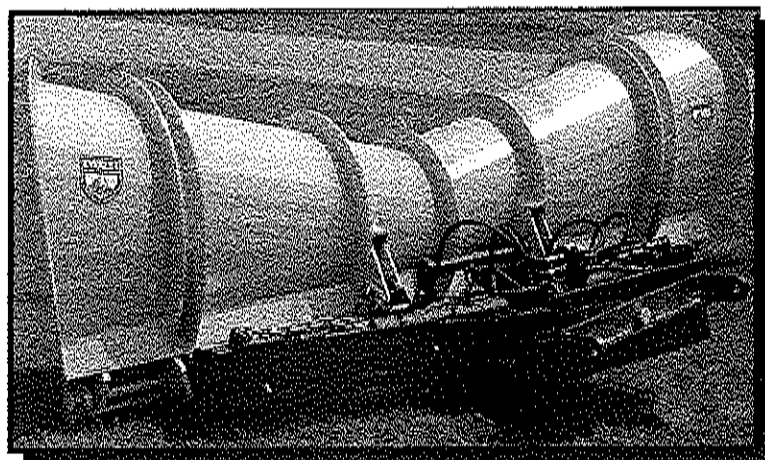


EVEREST EQUIPMENT INC.

Model:

“RTE” Butterfly - Trip Edge

- ▶ Trip edge moldboard design with 10 gauge break formed skinplate, 36” high at center tapering upwards to 54” high at the discharge end.
- ▶ Moldboard reverses 35 degrees either side of the bull dose position.
- ▶ Two 3-1/2” diameter bore by 16” stroke reverse cylinders.
- ▶ Two point level lift chain arrangement or roller level lift arrangement available.
- ▶ Oscillator bar with 1” flame cut ears on 31” centers.



- ▶ Ram reverse or worm gear reverse options.
- ▶ 1/2” by 8” C-1085 cutting edge.
- ▶ Cutting edge backer angle shall be punched on 8” and 12” centers.
- ▶ Moldboard and curb shoes supplied standard.
- ▶ Optional carbide blades and carbide moldboard shoes.
- ▶ Optional mushroom shoes or 10” steel wheel caster assemblies available.

Model	Overall Length	Moldboard Height	Reverse Method	Cutting Edge Length	Moldboard Thickness
R132TE3654S	132”	36” Tapered to 54”	Hydraulic or Worm Gear	132”	10 Gauge

“QUALITY by DESIGN”

EVEREST EQUIPMENT INC.

1077 Westmount St.
Ayer's Cliff, Quebec (Canada)
J0B 1C0
Tel: 819-838-4257
Fax: 819-838-5659

Authorized Dealer

Everest Equipment Inc. reserves the right to change product design and specifications without notice.

H. P. Fairfield LLC
DBA: W. H. Rose
9 Route 66 East
Columbia Ct. 06237

Freightliner of Hartford
Ref: Torrington Equipment Package-CT State Pricing

March 29, 2018

Everest 10' dump body model KBS, Corten steel construction, 96" exterior width, 84" interior width, 26" side height, 36" tailgate height, 6" I-beam longills, 4" I-beam crossmembers on 12" centers, 1/4" Hardox steel floor, 3/16" one piece corten steel sides with a boxed top rail - dirt shedding lower rub rails - 8" front corner post - two 8" side posts - 15" full depth rear corner post, 3/16" one piece corten steel double acting six panel tailgate with manual operated latch, 24" long cab guard, underbody double arm lift hoist model UB1821, Whelen DOTNEL1 emergency lighting system, two LED spinner/spot lights installed under the rear of the dump body, ALC hydraulic load cover, collapsible ladder, four flaps, body up light, body prop, back-up alarm, chock and shovel holder, installed and painted, undercoated.

Central hydraulic system consisting of a transmission driven Hot Shift PTO - direct mount Rexroth variable displacement piston pump - four section load sense valving - Muncie electric sander control - DEL air controls - hoses and couplers-stainless steel lines front and rear - Stainless Steel hydraulic tank frame mounted with sight and temperature gauge, 10 micron return filter - complete system fully installed and operational per specifications.

Viking custom low mount plow hitch built fully installed and operational including 80800 plow lights on hood mounted custom aluminum brackets.

Complete Package:List Price \$61,587.50 Less 20%=\$49,270.00
Options based on list price less 20% discount

1: Bolt on paving apron.....Add \$650.00
2: Poly fenders in lieu of flaps.....Add \$675.00
3: 25-Ton pintle installed.....Add \$1,350.00
4: Air operated tailgate latch in lieu of manual.....Add \$450.00
5: Manual 2FFL in lieu of Muncie electric control.....DEDUCT (1,188.00)
6: American 11' Trip Edge plow model 3911-S1SA-RR85.....Add \$8,838.00
7: Everest 11' Trip Edge Butterfly plow.....Add \$9,435.00
8: DOT3410D with the SnowAway lens in lieu of DOTNEL1.....ADD \$2,663.00
9: Heated LED plow lights in lieu of the 80800.....ADD \$680.00

Respectfully Submitted,

Ed Frisbie

edfrisbie@hpfairfield.com

860-338-0365

ACCEPTANCE OF PROPOSAL: The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do work as specified.

Authorized Signature: _____

Date: _____



SEPARATING SURFACES SINCE '76

120 Bosworth Street, West Springfield, MA 01089-3850

(413) 788-LUBE • Fax (413) 788-5743

March 23, 2018

Quote # 10390

Robert Andrighetti
Freightliner of Hartford, Inc.
222 Roberts Street
East Hartford, CT 06108

Re: Freightliner Single Axle Dump Truck/Lubetech Automatic Lubrication System

Dear Rob,

Our Lubetech Automatic Lubrication System serves 30 lubrication points on a Freightliner Single Axle Dump Truck.

Component Listing

- 1.) **12VDC 4Kg Max Electric Pump** -w/Integrated Solid State Controller Low Level switch,
- 2.) **(1) Fixed output Positive Displacement Pumping Element.** The elements serves three series progressive divider valves that meter lubricant to all lubrication points on the dump truck—The pumping elements are capable of pumping an NLGI # 2 grade lubricant at temperatures down to -13 °C with 4,000 psi maximum pressure complete w/4,000 PSI integrated pressure relief valves.
- 3.) **(1) 0-6,000 PSI Pressure Gauge** to monitor system operation.
- 4.) **(3) Series-progressive** divider valve assemblies pre-assembled and tested. Each valve is equipped with an in-line zerk fitting for easy system diagnostics.
- 5.) **8 mm OD high pressure tubing** runs from pumping elements to divider blocks, burst pressure rating of 12,000 psi-tubing utilizes reusable ends which are easily made up on site.
- 6.) **4 mm OD Polyamide tubing** runs from secondary block assemblies to lubrication points.
- 7.) **Nickel Plated Brass Push Lock Type Fittings** on all tubing connections.

8.) System designed to provide accurate delivery of lubricant to 30 lubrication points on the Chassis and dump body. System installed in a professional manner.

9.) Complete with schematic of system and detailed parts lists.

System Installed at our shop in West Springfield, MA \$5,100.00

Options:

- A) In cab controller-takes electronics out of elements and provides operator view of pump status add \$250
- B) Proximity switch monitoring-confirms flow of lubricant and provides fault alarm add \$150
- B) Grease Transfer Pump- Heavy duty manual pail pump facilitates refilling of lubrication system reservoir in the field- 6 ' hose and cam lock coupler. add \$325
- C) 35 # Pail of Lubrication Engineers # 3751 Almagard Vari-Purpose Lubricant This product is in the lubricator and its continued use is highly recommended. add \$254.45
- D) Adder for lubrication points more than quoted add \$100 per point

Our system installation workmanship is warranted for a period of one year from the installation date. System components are warranted against manufacturing defects for a period of two years.

All components are stock at our facility in West Springfield Massachusetts. Please consider scheduling your installation as soon as possible so we may tend to your needs in a timely manner.

Quotations are valid for 30 Days.

Design or Specific changes may affect pricing. Additional cost may apply if the number of lubrication points exceeds the quoted number

We appreciate the opportunity to provide this information. Please call me if I may be of further service.

Regards,

Jamie Plangerelli MLT1