



Ludlow, Vermont

A Better Place To Live, Work & Play

REQUEST FOR PROPOSAL

FROM: TOWN & VILLAGE OF LUDLOW
PO BOX 359
LUDLOW, VERMONT 05149

ATTENTION: Scott Murphy, Municipal Manager

DATE: May 5, 2020

The Town/Village of Ludlow Vermont is seeking PROPOSALS from Dealers for:

2021 WESTERN STAR 4700 TANDEM DUMP TRUCK TANDEM DUMP TRUCK BODY

Vehicle specifications are attached for both the Western Star Tandem Truck and Truck Body. Please be sure to separate each quote.

1. Western Star 4700 Tandem Dump Truck
2. Tandem Dump Truck Body

TRADE-IN: 2007 International 7600 Tandem Dump Truck with plow, wing and side dump body sander. Current mileage is 111,311. Vehicle can be seen at the Ludlow Highway Garage located at 19 West Hill Street.

Competitive bids marked "2021 Highway Tandem Truck Bid" must be delivered to the Ludlow Municipal Office located at 37 Depot Street, PO Box 359, Ludlow, Vermont 05149 by 10:00 am on Thursday, May 28, 2020 or faxed to tmanager@tds.net.

Bids will be opened and read at 10:00 am on May 28th in the Howard Barton, Jr. Conference Room. The Ludlow Select Board will possibly award the bid at their regular meeting scheduled on June 2, 2020. Please contact Ron Tarbell, Highway Foreman at (802) 770-9566 to view the truck and for more information.

The Town & Village of Ludlow reserves the right to reject any or all proposals. This solicitation in no way obligates the Town of Ludlow to award a contract.

Town of Ludlow
PO Box 359
Ludlow, VT 05149

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TOWN OF LUDLOW, VT

2021 WESTERN STAR 4700 TANDEM TRUCK - BID SPECIFICATIONS

PRICE LEVEL	YES	NO	NOTES
WESTERN STAR 4700 PRL-23T (EFF:01/21/20)			

DATA VERSION	YES	NO	NOTES
SPECPRO21 DATA RELEASE VER 014			

VEHICLE CONFIGURATION	YES	NO	NOTES
4700 SET-FORWARD FRONT AXLE CHASSIS			
2021 MODEL YEAR SPECIFIED			
SET FORWARD AXLE - TRUCK			
TRAILER TOWING PROVISION AT END OF FRAME			
LH PRIMARY STEERING LOCATION			

GENERAL SERVICE	YES	NO	NOTES
TRUCK/TRAILER CONFIGURATION			
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CONSTRUCTION SERVICE			
GOVERNMENT BUSINESS SEGMENT			
DIRT/SAND/ROCK COMMODITY			
TERRAIN/DUTY: 10% (SOME) OF THE TIME, IN TRANSIT, IS MAXIMUM 8% EXPECTED GRADE			
MAINTAINED GRAVEL OR CRUSHED ROCK - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			
WESTERN STAR VOCATIONAL WARRANTY			
EXPECTED FRONT AXLE(S) LOAD : 16000.0 lbs.			
EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs.			
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 56000.0 lbs.			
EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs.			

TRUCK SERVICE	YES	NO	NOTES
FRONT PLOW/END DUMP BODY			
EXPECTED TRUCK BODY LENGTH : 0.0 ft			

ENGINE	YES	NO	NOTES
DETROIT DD13 12.8L 505 HP @ 1625 RPM, 1900 GOV RPM, 1850			

ELECTRONIC PARAMETERS	YES	NO	NOTES
65 MPH ROAD SPEED LIMIT			
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT LIMIT FOR MIDDLE GEARS, 1650 RPM/45 MPH LIMIT FOR HIGH GEARS			
5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE			
PTO MODE ENGINE RPM LIMIT - 1350 RPM			
PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED OR PTO MODE CANCEL VEHICLE SPEED - 25 MPH			
PTO MODE RPM INCREMENT - 25 RPM			
PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			
ONE REMOTE PTO SPEED			
PTO SPEED 1 SETTING - 900 RPM			
SOFT CRUISE CONTROL ENABLED			
TEMPERATURE OVERRIDE BELOW 30 DEGREES AND ABOVE 90			

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ENGINE EQUIPMENT	YES	NO	NOTES
2016-2019 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL			
2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT SIDE OF HOOD)			
STANDARD OIL PAN			
ENGINE MOUNTED OIL CHECK AND FILL			
ONE PIECE VALVE COVER			
SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH Safety ELEMENT, FIREWALL MOUNTED			
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR			
(3) DTNA GENUINE, AGM STARTING AND CYCLING, MIN			
PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB			
BATTERY BOX MOUNTED UNDER PASSENGER SEAT			
WIRE GROUND RETURN FOR BATTERY CABLES WITH PLASTIC BATTERY BOX COVER			
POSITIVE LOAD DISCONNECT WITH DASH MOUNTED CONTROL			
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED			
LOW VOLTAGE BATTERY DISCONNECT AT 12.3 VOLTS FOR			
EATON ADVANTAGE 15-1/2 INCH SELF ADJUSTING CLUTCH			
BABCOCK 2-PIECE CLUTCH BRAKE			
ZERK FITTING WITH EXTENSION HOSE AT CLUTCH RELEASE			
HYDRAULIC CLUTCH CONTROL			
BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR			
AIR COMPRESSOR DISCHARGE LINE			
ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE			
JACOBS COMPRESSION BRAKE			
AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			
ROAD ACTIVE REGENERATION AND DASH MOUNTED SINGLE REGENERATION REQUEST/INHIBIT SWITCH			
STANDARD EXHAUST SYSTEM LENGTH			
RH STANDARD HORIZONTAL TAILPIPE			
13 GALLON DIESEL EXHAUST FLUID TANK			
100 PERCENT DIESEL EXHAUST FLUID FILL			
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			
POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST			
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK			
NO MUFFLER/TAILPIPE SHIELD			
BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN			
AUTOMATIC FAN CONTROL WITH DASH SWITCH AND			
DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR			
FULL FLOW OIL FILTER			
1500 SQUARE INCH ALUMINUM RADIATOR			
MOUNTING FOR FIREWALL MOUNTED SURGE TANK			
ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE)			
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			
HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN			
NO RADIATOR/OIL PAN GUARD			
1350 ADAPTER FLANGE FOR FRONT PTO PROVISION			
PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER			
PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER			
CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH			
ALUMINUM FLYWHEEL HOUSING			
MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED			

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TRANSMISSION	YES	NO	NOTES
EATON FULLER RTLO-18918B TRANSMISSION			

TRANSMISSION EQUIPMENT	YES	NO	NOTES
NO REAR PTO TRANSMISSION RANGE			
BODY LIGHTING POWER WIRED TO CUSTOMER INTERFACE			
ALUMINUM CLUTCH HOUSING			
CUSTOMER INSTALLED CHELSEA 442 SERIES PTO			
PTO MOUNTING, BOTTOM OF MAIN TRANSMISSION			
MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND PAINTED SHIFT LEVER, SOLID LINKAGE			
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END			
SYNTHETIC TRANSMISSION LUBE			

FRONT AXEL & EQUIPMENT	YES	NO	NOTES
DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE			
BENDIX 16.5X6X ES HEAVY DUTY SPIDER CAM FRONT			
NON-ASBESTOS FRONT BRAKE LINING			
CONMET CAST IRON FRONT BRAKE DRUMS			
FRONT BRAKE DUST SHIELDS			
FRONT OIL SEALS			
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE			
STANDARD SPINDLE NUTS FOR ALL AXLES			
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS			
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			
SYNTHETIC 40/50W FRONT AXLE LUBE			

FRONT SUSPENSION	YES	NO	NOTES
20,000# TAPERLEAF FRONT SUSPENSION			
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			
FRONT SHOCK ABSORBERS			

REAR AXEL & EQUIPMENT	YES	NO	NOTES
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE			
4.56 REAR AXLE RATIO			
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			
RPL25SD MERITOR MAIN DRIVELINE			
RPL20 MERITOR INTERAXLE DRIVELINE			
DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH			
DIFFERENTIAL LOCK FORWARD-REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE			
INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH			
INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION			
BENDIX 16.5X8.62X ES HEAVY DUTY STAMPED SPIDER CAM			
NON-ASBESTOS REAR BRAKE LINING			
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE			
CONMET CAST IRON REAR BRAKE DRUMS			
REAR BRAKE DUST SHIELDS			
REAR OIL SEALS			
WABCO TRISTOP D LONGSTROKE 2-DRIVE AXLE SPRING			
HALDEX AUTOMATIC REAR SLACK ADJUSTERS			
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE			

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REAR SUSPENSION	YES	NO	NOTES
TUFTRAC 46,000# REAR SPRING SUSPENSION			
TUFTRAC STANDARD RIDE HEIGHT			
AXLE CLAMPING GROUP			
56 INCH AXLE SPACING			
FORE/AFT AND TRANSVERSE CONTROL RODS			
REAR SHOCK ABSORBERS - ONE AXLE			

BRAKE SYSTEM	YES	NO	NOTES
WABCO 4S/4M ABS			
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID			
FIBER BRAID PARKING BRAKE HOSE			
STANDARD BRAKE SYSTEM VALVES			
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR			
WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR			
WABCO OIL COALESCING FILTER FOR AIR DRYER			
AIR DRYER MOUNTED INBOARD ON LH RAIL			
ALUMINUM AIR BRAKE RESERVOIRS			
BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS			

TRAILER CONNECTIONS	YES	NO	NOTES
AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE			
NO TRAILER RECEPTACLE BRACKET			

WHEELBASE & FRAME	YES	NO	NOTES
4675MM (184 INCH) WHEELBASE			
7/16X3-9/16X11-1/8 INCH STEEL FRAME			
PARTIAL INNER FRAME REINFORCEMENT AT FRONT			
BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME			
1600MM (63 INCH) REAR FRAME OVERHANG			
FRAME OVERHANG RANGE: 61 INCH TO 70 INCH			
12 INCH INTEGRAL FRONT FRAME EXTENSION			
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 102.84 in			
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION			
CALC'D FRAME LENGTH - OVERALL : 286.73			
FRAME HEIGHT TOP FRONT UNLADEN : 42.88 in			
FRAME HEIGHT TOP FRONT LADEN : 39.59 in			
FRAME HEIGHT TOP REAR UNLADEN : 43.98 in			
FRAME HEIGHT TOP REAR LADEN : 41.38 in			
CALCULATED FRAME SPACE LH SIDE : 43.08 in			
CALCULATED FRAME SPACE RH SIDE : 154.55 in			
CALC'D SPACE AVAILABLE FOR DECKPLATE : 102.78 in			
SQUARE END OF FRAME			
STANDARD WEIGHT ENGINE CROSSMEMBER			
STANDARD CROSSMEMBER BACK OF TRANSMISSION			
STANDARD MIDSHIP #1 CROSSMEMBER(S)			
STANDARD REARMOST CROSSMEMBER			
HEAVY DUTY SUSPENSION CROSSMEMBER			
STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER			

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CHASSIS EQUIPMENT	YES	NO	NOTES
16 INCH PAINTED STEEL BUMPER			
BUMPER MOUNTING FOR SINGLE LICENSE PLATE			
FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS			
GRADE 8 THREADED HEX HEADED FRAME FASTENERS			
EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE			

FUEL TANKS	YES	NO	NOTES
80 GALLON/302 LITER ALUMINUM FUEL TANK - LH			
25 INCH DIAMETER FUEL TANK(S)			
POLISHING OF FUEL/HYDRAULIC TANK(S) WITH POLISHED			
FUEL TANK(S) FORWARD			
POLISHED STEP FINISH			
CHROME FUEL TANK CAP(S)			
EQUIFLO INBOARD FUEL SYSTEM			
HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			

TIRES	YES	NO	NOTES
CONTINENTAL HAU 3 WT 315/80R22.5 20 PLY RADIAL FRONT			
MICHELIN XDS2 11R22.5 16 PLY RADIAL REAR TIRES			

HUBS	YES	NO	NOTES
CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			
CONMET PRESET PLUS PREMIUM IRON REAR HUBS			

WHEELS	YES	NO	NOTES
ACCURIDE 41012 22.5X9.00 10-HUB PILOT 3.12 INSET 10-HAND			
ACCURIDE 40008 22.5X8.25 10-HUB PILOT 10-HAND HD			
POLISHED FRONT WHEELS; INSIDE AND OUTSIDE			
NO FRONT AXLE WHEEL/HUB COVER			
FRONT WHEEL MOUNTING NUTS			
REAR WHEEL MOUNTING NUTS			

CAB EXTERIOR	YES	NO	NOTES
110 INCH BBC STEEL CONVENTIONAL CAB			
WESTERN STAR STAINLESS STEEL CAB SKIRT			
AIR CAB MOUNTS WITH CHECK VALVE			
REPTO DRIVELINE ACCESS IN CAB FLOOR WITH RACEWAY			
NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			
FRONT FENDERS			
2 INCH FENDER EXTENSIONS			
LH AND RH EXTERIOR GRAB HANDLES WITH RUBBER INSERTS			
AND RH INTERIOR GRAB HANDLE MOUNTED TO A POST			
STATIONARY BRIGHT FINISH GRILLE			
CHROME HOOD MOUNTED AIR INTAKE GRILLE			
GALVANEALD STEEL SEVERE SERVICE CAB			
FIBERGLASS HOOD WITH ACCESS HATCHES			
TUNNEL/FIREWALL LINER			
DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS			
SINGLE ELECTRIC HORN			
DUAL HORN SHIELDS			
DOORS AND IGNITION KEYED THE SAME			
REAR LICENSE PLATE MOUNT END OF FRAME			
SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER			
SINGLE RECTANGULAR H4 HALOGEN HEADLIGHTS WITH			
LED MARKER LAMPS			

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WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER			
DAYTIME RUNNING LIGHTS			
INTEGRAL STOP/TAIL/BACKUP LIGHTS			
STANDARD FRONT TURN SIGNAL LAMPS			
MOTORIZED MIRRORS WITH LIGHTS, LH AND RH REMOTE AND INTEGRAL CONVEX MIRRORS			
CAB MOUNTED MIRRORS			
102 INCH EQUIPMENT WIDTH			
MANUAL ADJUSTMENT AND DUAL AXIS FOR 1-PIECE PRIMARY MIRRORS			
RH DOWN VIEW MIRROR			
RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS			
CUSTOM NAMEPLATE(S), " " "			
STANDARD SIDE/REAR REFLECTORS			
RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED STAINLESS STEEL EXTERIOR SUN VISOR			
17.5X35 INCH TINTED REAR WINDOW			
TINTED DOOR GLASS			
RH AND LH ELECTRIC POWERED WINDOWS			
LOWER RH DOOR WINDOW WITH FRESNEL LENS			
2-PIECE ROPED-IN HEATED WIPER PARK SOLAR GREEN GLASS			
LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL			

CAB INTERIOR	YES	NO	NOTES
NEW OBSIDIAN BLACK VINYL PREMIUM INTERIOR			
BLACK HARD TRIM			
PREMIUM LEFT HAND DOOR TRIM WITH CHERRY ACCENT			
PREMIUM RIGHT HAND DOOR TRIM WITH CHERRY ACCENT			
BLACK MATS WITH DOUBLE INSULATION			
ASH CUP AND (1) POWER OUTLET			
FORWARD ROOF MOUNTED CONSOLE			
LH AND RH DOOR MAP POCKETS			
(2) COAT HOOKS ON BACKWALL OF CAB			
(1) DOUBLE CUP HOLDER WITH CELL PHONE HOLDER LH OR			
BLACK SOFT TOUCH WING DASH WITH DRIVER SIDE			
2-1/2 LB. FIRE EXTINGUISHER			
HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT TEMPERATURE CONTROL AND COSMETIC COVER			
HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER			
MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			
STANDARD HEATER PLUMBING			
VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR			
RADIATOR MOUNTED AIR CONDITIONER CONDENSER			
BINARY CONTROL, R-134A			
CAB INSULATION			
POWER DISTRIBUTION BOXES AND FUSES IN AUXILIARY POWER DISTRIBUTION BOXES			
DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS			
CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			
(1) 12 VOLT POWER SUPPLY AND (2) USB PORTS MOUNTED IN TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED			
3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT AND ADJUSTABLE SHOCK			

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BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT			
DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT			
BLACK LAREDO LEATHER DRIVER SEAT COVER			
BLACK MORDURA CLOTH PASSENGER SEAT COVER			
3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER AND			
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN			
4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH			
DRIVER AND PASSENGER INTERIOR SUN VISORS			

INSTRUMENTS & CONTROLS	YES	NO	NOTES
NON-ADJUSTABLE SUSPENDED PEDALS			
ELECTRONIC FOOT ACCELERATOR			
BRIGHT ARGENT FINISH GAUGE BEZELS			
FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH DRIVER			
FIGURED CHERRY WOODGRAIN ULTRA GLOSS FINISH CENTER			
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			
(1) SINGLE BRAKE APPLICATION AIR GAUGE			
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITH			
97 DB BACKUP ALARM			
ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING			
KEY OPERATED IGNITION SWITCH AND INTEGRAL START			
POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			
DISPLAY, BLACK FACE GAUGES, DIAGNOSTICS AND DATA			
LINKED			
HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE			
2 INCH ELECTRIC FUEL GAUGE			
FUEL FILTER RESTRICTION INDICATOR			
EMISSIONS LIMITED IDLE ADJUST			
CUSTOMER INTERFACE CONNECTOR LOCATED BETWEEN			
DUAL REAR AXLE TEMPERATURE GAUGES WITH SENSOR			
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			
ENGINE OIL TEMPERATURE GAUGE			
2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			
ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN			
(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP FOR			
ELECTRIC ENGINE OIL PRESSURE GAUGE			
PLAYER, BLUETOOTH, IPOD INTERFACE AND USB AND			
AUXILIARY INPUTS, J1939			
ROOF/OVERHEAD CONSOLE MOUNTED RADIO			
(4) RADIO SPEAKERS IN CAB			
AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR			
POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD			
ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			
MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA			
INTEROPERABLE SDAR ANTENNA			
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH			
STANDARD VEHICLE SPEED SENSOR			
ELECTRONIC 3000 RPM TACHOMETER			
VT-HU CONNECTIVITY PLATFORM HARDWARE			
TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU			
CONNECTIVITY PLATFORM			
IDLE SHUTDOWN OVERRIDE, DDEC 5/6 AMBIENT AIR			
TEN EXTRA SWITCHES IN DASH			
HARDWIRE SWITCH #1,ON/OFF LATCHING, 20 AMPS IGNITION			
WIRED TO CUSTOMER INTERFACE CONNECTOR			
HARDWIRE SWITCH #2,ON/OFF LATCHING, 20 AMPS BATTERY			
WIRED TO CUSTOMER INTERFACECONNECTOR			

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HARDWIRE SWITCH #3,ON/OFF LATCHING, 20 AMPS IGNITION			
HARDWIRE SWITCH #4,ON/OFF LATCHING, 20 AMPS BATTERY WIRED TO CUSTOMER INTERFACECONNECTOR			
HARDWIRE SWITCH #5,ON/OFF LATCHING, 20 AMPS IGNITION			
HARDWIRE SWITCH #6,ON/OFF LATCHING, 20 AMPS BATTERY WIRED TO CUSTOMER INTERFACECONNECTOR			
HARDWIRE SWITCH #7,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACECONNECTOR			
HARDWIRE SWITCH #8,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACECONNECTOR			
HARDWIRE SWITCH #9,ON/OFF LATCHING, 20 AMPS IGNITION WIRED TO CUSTOMER INTERFACECONNECTOR			
HARDWIRE SWITCH #10,ON/OFF LATCHING, 20AMPS IGNITION WIRED TO CUSTOMER INTERFACE CONNECTOR			
(2) DASH MOUNTED INDICATOR LAMPS WITH OUTPUTS WIRED TO CUSTOMER INTERFACE CONNECTOR AND LENS KIT			
BW TRACTOR PROTECTION VALVE			
TRAILER HAND CONTROL BRAKE VALVE			
2 INCH TURBO AIR PRESSURE GAUGE			
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			
HEADLIGHT SWITCH WITH HDLP/MRKR INTERRUPT SWITCH ON STEERING WHEEL & DASH SW FOR CUSTOMER FURNISHED			
TWO VALVE PARKING BRAKE SYSTEM WITH WARNING			
SELF CANCELING TURN SIGNAL SWITCH, HEADLAMP HIGH/LOW AND FLASH, WASH/WIPE/INTERMITTENT			
PACIFIC INSIGHT ELECTRONIC FLASHER			

DESIGN	YES	NO	NOTES
PAINT: ONE SOLID COLOR			

COLOR	YES	NO	NOTES
CAB COLOR A: L3781EY VIPER RED ELITE EY			
CAB INTERIOR PAINTED SAME AS CAB COLOR			
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			
BUMPER PAINTED SAME AS CHASSIS			
FENDER, UNDER CAB AND INTERIOR CAB FLOOR			

CERTIFICATION / COMPLIANCE	YES	NO	NOTES
U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER			

SECONDARY FACTORY OPTIONS	YES	NO	NOTES
NO CUSTOMER FURNISHED MATERIAL SPECIFIED			
RESPONSIBILITY FOR MODIFICATIONS DUE TO POSSIBLE PTO/CHASSIS INTERFERENCE			

RAW PERFORMANCE DATA	YES	NO	NOTES
CALC'D FRAME LENGTH - OVERALL : 286.73			
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION			
CALC'D SPACE AVAILABLE FOR DECKPLATE : 102.78 in			

**** Please be sure to note any bid changes/modifications in your bid.**



Cives Corporation, dba
 Viking Cives (USA)
 14331 Mill Street
 Harrisville, NY 13648
 Phone: (315) 543-2321
 Fax: (315) 543-2366
 www.vikingcives.com

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WESTERN STAR 4700 TANDEM TRUCK BODY SPECIFICATIONS

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Power Tilt Hitch w/Wing Mount, Twin Chain Tilt, and Quick Lock Jaws	\$0.00	\$0.00
1	FAH33 Hydraulic Front Mast Assembly w/Ribbed Slide	\$0.00	\$0.00
1	Full Trip Hinge - 10 Degree w/Lockout	\$0.00	\$0.00
1	Patrol Rear Support w/Detachable 3 Point Attach	\$0.00	\$0.00
1	120WHD Wing w/8 Gauge Skin	\$0.00	\$0.00
1	HD Full Trip Hydraulic Arms (Cushion Spring Lower)	\$0.00	\$0.00
1	Sabre Blades	\$0.00	\$0.00
1	Carbide Moldboard Shoes (Pair)	\$0.00	\$0.00
1	RI 14254SEF Slotted Compression Spring Trip Reversing Moldboard w/RH Flare	\$0.00	\$0.00
1	PRR Slotted Compression Spring Trip Reversing Drive Frame w/Cushion Valve	\$0.00	\$0.00
1	Three Chain Level Lift - <i>cable system</i>	\$0.00	\$0.00
1	Quick Lock Push Lug Swivel	\$0.00	\$0.00
1	Sabre Blades	\$0.00	\$0.00
1	Carbide Moldboard Shoes (Pair)	\$0.00	\$0.00
1	Frame Shoes (Pair)	\$0.00	\$0.00
1	Rubber Deflector	\$0.00	\$0.00
1	Fluorescent Plow Whips	\$0.00	\$0.00
1	Front Mounted Large Volume Gear Pump w/Dry Valve	\$0.00	\$0.00
1	Stainless Steel Frame Mounted Oil Reservoir	\$0.00	\$0.00
1	Nine Section Load Sharing/Proportional Implement/Spreader Valve	\$0.00	\$0.00
1	Floor/Pedestal Mounted Air Actuated Implement Controls	\$0.00	\$0.00
1	Cirus EZ Spread 2 Electronic Spreader Control	\$0.00	\$0.00
1	Stainless Steel Hydraulic Piping to the Front and Rear	\$0.00	\$0.00
1	Viking PLSD12' Side Dump Body w/Remote Lube Kit	\$0.00	\$0.00
1	1/2" AR450 Floor/Tipper w/I-Beam Long Members and Cross Members	\$0.00	\$0.00
1	Smooth Construction AR450 Driver's Wall and Corten Safety/Structural Wall	\$0.00	\$0.00
1	Nine Panel Tailgate w/Air Release and Asphalt Apron	\$0.00	\$0.00
1	1/2 Cab Shield	\$0.00	\$0.00
1	SA Telescopic Hoist	\$0.00	\$0.00
1	Color Camera System w/Three Feeds	\$0.00	\$0.00
1	Hydraulic Discharge Gate	\$0.00	\$0.00
1	3 Point Ladder, Inner Body Step, and Gearbox Step	\$0.00	\$0.00
1	Shovel Holder and Stainless Steel Bawer Tool Box	\$0.00	\$0.00
1	Composite Sideboards	\$0.00	\$0.00
1	Electric Load Cover w/30 Degree Aluminum Arms and Mesh Tarp	\$0.00	\$0.00
1	Front and Rear Mud Flaps w/Anti Sails on the Front Flaps	\$0.00	\$0.00
	<i>stainless steel spinner + mount bracket</i>		



**TOWN OF LUDLOW
WESTERN STAR 4700 BODY SPECIFICATIONS**

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	Shot Blasted, Zinc Primed, Epoxy Primed, and High Temperature Baked	\$0.00	\$0.00
1	Painted Dupont Imron Black and High Temperature Baked <i>Rock Guard on Angle sections of body</i>	\$0.00	\$0.00
1	LED Cab Shield (4) and Corner Post (2 Side/2 Rear Heated) Mounted Strobes	\$0.00	\$0.00
1	LED Heated Stop/Tail/Turns, LED Heated Back Ups, and LED Markers	\$0.00	\$0.00
1	LED Plow Lights	\$0.00	\$0.00
5	LED Spot Lights (2 Rear Heated)	\$0.00	\$0.00
Quote Total:			\$0.00

The following options may be added:

QUANTITY	DESCRIPTION	PRICE EACH	AMOUNT
OPT		\$0.00	\$0.00