QUOTATION

4700 SET-FORWARD FRONT AXLE CHASSIS

SET FORWARD AXLE - TRUCK
DETROIT DD13 12.8L 470 HP @ 1800 RPM, 2080 GOV RPM, 1650 LB/FT @ 1100 RPM
ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
TUFTRAC 46,000# 2-STAGE REAR SPRING SUSPENSION
MFS-20-133A 20,000# FL1 SINGLE FRONT AXLE
9,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF FRONT SUSPENSION (20,000#)
110 INCH BBC STEEL CONVENTIONAL CAB
5450MM (215 INCH) WHEELBASE
1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 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
VEHICLE PRICE	TOTAL # OF UNITS (1)	$		$	
EXTENDED WARRANTY		$	0	$	0
DEALER INSTALLED OPTIONS		$		$	
CUSTOMER PRICE BEFORE TAX		**$**		**$**	
TAXES AND FEES					
FEDERAL EXCISE TAX (FET)		$	(368.0)	$	(368.0)
TAXES AND FEES		$	0	$	0
OTHER CHARGES		$	0	$	0
TRADE-IN					
TRADE-IN ALLOWANCE		$	(0)	$	(0)
BALANCE DUE	**(LOCAL CURRENCY)**	**$**		**$**	

COMMENTS:
Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

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

Customer: X_____ Date: ___ / ___ / ___.

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SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-08T	WESTERN STAR 4700 PRL-08T (EFF:01/28/14)		
Data Version			
DRL-014	SPECPRO21 DATA RELEASE VER 014		
Vehicle Configuration			
001-450	4700 SET-FORWARD FRONT AXLE CHASSIS	9,094	6,876
002-003	SET FORWARD AXLE - TRUCK		
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-003	TRUCK/TRAILER CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-011	CONSTRUCTION SERVICE		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
AA4-010	DIRT/SAND/ROCK COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-1A5	WESTERN STAR VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 20000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 66000.0 lbs		
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
Truck Service			

Data Code	Description	Weight Front	Weight Rear
AA3-018	FRONT PLOW/END DUMP BODY		
Tractor Service			
AA2-005	FLATBED TRAILER		
AH6-001	SINGLE (1) TRAILER		
Engine			
101-2TH	DETROIT DD13 12.8L 470 HP @ 1800 RPM, 2080 GOV RPM, 1650 LB/FT @ 1100 RPM		
Electronic Parameters			
79A-070	70 MPH ROAD SPEED LIMIT		
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
80C-001	ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH INCREMENT BETWEEN BRAKING LEVELS		
80G-001	PTO MINIMUM RPM - 600		
Engine Equipment			
99C-013	2013 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14		
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
13E-001	STANDARD OIL PAN		
105-001	ENGINE MOUNTED OIL CHECK AND FILL		
133-004	ONE PIECE VALVE COVER		
014-1C5	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10	
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
292-1EH	(3) ALLIANCE ABSORBED GLASS MAT MODEL 9A31, GROUP 31, 12 VOLT MAINTENANCE FREE 2775 CCA THREADED STUD BATTERIES		
290-1AC	PASSENGER SEAT BATTERY BOX VENTED TO OUTSIDE OF CAB		
282-013	BATTERY BOX MOUNTED UNDER PASSENGER SEAT		
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
289-006	PLASTIC BATTERY BOX COVER		
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8	

	Data Code	Description	Weight Front	Weight Rear
	107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE		
	131-013	AIR COMPRESSOR DISCHARGE LINE		
	152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
	128-002	JACOBS COMPRESSION BRAKE		
	016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE		
	28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
	239-038	11 FOOT 06 INCH (138 INCH+0/-5 INCH) EXHAUST SYSTEM HEIGHT		
	237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
	23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
	30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
	23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
	43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
	242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
	273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH		
	276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED		
	110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR		
	118-001	FULL FLOW OIL FILTER		
*	266-057	1500 SQUARE INCH ALUMINUM RADIATOR		
	267-006	MOUNTING FOR FIREWALL MOUNTED SURGE TANK		
N	103-004	ANTIFREEZE TO -34F, NOAT EXTENDED LIFE COOLANT		
	171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
	172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
	270-016	RADIATOR DRAIN VALVE		

Data Code	Description	Weight Front	Weight Rear
360-013	1350 ADAPTER FLANGE FOR FRONT PTO PROVISION	25	
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER		
166-005	PHILLIPS-TEMRO 300 WATT/115 VOLT OIL PREHEATER		
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
134-001	ALUMINUM FLYWHEEL HOUSING		
155-065	DELCO 12V 39MT+ HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH		
Transmission			
342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	170	50
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-020	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 3, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
353-060	BODY LIGHTING INTERFACE BLUNT CUT WIRING WITH FUSE PANEL WIRE MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
34C-010	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR, BLUNT CUT, MOUNTED BETWEEN DRIVER AND PASSENGER SEATS		
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		

Data Code	Description	Weight Front	Weight Rear
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED	15	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
Front Axle and Equipment			
400-1AC	MFS-20-133A 20,000# FL1 SINGLE FRONT AXLE	60	
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
403-002	NON-ASBESTOS FRONT BRAKE LINING		
419-023	CONMET CAST IRON FRONT BRAKE DRUMS		
427-001	FRONT BRAKE DUST SHIELDS	5	
409-021	SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES		
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS		
406-001	STANDARD KING PIN BUSHINGS		
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	90	
539-003	POWER STEERING PUMP		
534-003	4 QUART POWER STEERING RESERVOIR		
533-001	OIL/AIR POWER STEERING COOLER		
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE		
Front Suspension			
620-043	9,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF FRONT SUSPENSION (20,000#)	60	
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION		
Rear Axle and Equipment			
420-103	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE		460
421-563	5.63 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-074	MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	30	30
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES		

Data Code	Description	Weight Front	Weight Rear
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES		30
878-022	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD-REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE		
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH		
87B-008	INDICATOR LIGHT FOR EACH DRIVER CONTROLLED TRACTION DEVICE SWITCH		
423-033	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-023	CONMET CAST IRON REAR BRAKE DRUMS		
425-002	REAR BRAKE DUST SHIELDS		10
440-021	SKF SCOTSEAL PLUS XL REAR OIL SEALS		
426-075	HALDEX GOLDSEAL LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS		
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE		
Rear Suspension			
622-1E4	TUFTRAC 46,000# 2-STAGE REAR SPRING SUSPENSION		180
621-055	TUFTRAC STANDARD RIDE HEIGHT		
431-003	AXLE CLAMPING GROUP		
624-028	56 INCH AXLE SPACING		
623-006	FORE/AFT AND TRANSVERSE CONTROL RODS		
439-002	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM)		40
Brake System			
490-100	WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-083	WABCO SS-1200 PLUS AIR DRYER WITH INTEGRAL AIR GOVERNOR AND HEATER		

Data Code	Description	Weight Front	Weight Rear
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER		
479-015	AIR DRYER FRAME MOUNTED		
460-007	ALUMINUM AIR BRAKE RESERVOIRS	-15	-15
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		
Trailer Connections			
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
Wheelbase & Frame			
545-545	5450MM (215 INCH) WHEELBASE		
546-1B2	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI	460	200
547-034	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION	195	-5
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW		
552-030	1600MM (63 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	110	-10
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 133.78 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 130.78 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 329.69		
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 133.78 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 71.93 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 83.09 in		
553-001	SQUARE END OF FRAME		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		

	Data Code	Description	Weight Front	Weight Rear
	572-001	STANDARD REARMOST CROSSMEMBER		
	565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		
	568-001	STANDARD WEIGHT REAR SUSPENSION CROSSMEMBER		
Chassis Equipment				
	556-1E5	14 INCH PAINTED STEEL BUMPER		
	574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
	586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS		
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
Fuel Tanks				
	204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10	
	218-006	25 INCH DIAMETER FUEL TANK(S)		
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
	212-007	FUEL TANK(S) FORWARD		
	664-001	PLAIN STEP FINISH		
	205-001	FUEL TANK CAP(S)		
	216-020	EQUIFLO INBOARD FUEL SYSTEM		
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
	221-001	FUEL COOLER		
Tires				
	093-0TB	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES	196	
N	094-1KU	GOODYEAR G282 MSD 12R22.5 16 PLY RADIAL REAR TIRES		304
Hubs				
	418-056	CONMET PRESET PLUS IRON FRONT HUBS		
	450-056	CONMET PRESET PLUS IRON REAR HUBS		
Wheels				
	502-1H5	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.8 INSET 10-HAND ALUMINUM DISC FRONT WHEELS	-8	
	505-1M3	ALCOA 89465X 22.5X9.00 10-HUB PILOT 5.96 INSET ALUMINUM DISC REAR WHEELS		-160
	496-011	FRONT WHEEL MOUNTING NUTS		
	497-011	REAR WHEEL MOUNTING NUTS		

Data Code	Description	Weight Front	Weight Rear
498-011	NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		
Cab Exterior			
829-1A8	110 INCH BBC STEEL CONVENTIONAL CAB		
82A-023	WESTERN STAR PAINTED ALUMINUM CAB SKIRT		
650-044	AIR CAB MOUNTS WITH CHECK VALVE		
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-001	FRONT FENDERS		
754-001	2 INCH FENDER EXTENSIONS	5	
678-031	LH AND RH EXTERIOR GRAB HANDLES AND LH AND RH INTERIOR GRAB HANDLES MOUNTED TO A POST		
646-008	STATIONARY BRIGHT FINISH GRILLE		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
640-008	GALVANEALED STEEL SEVERE SERVICE CAB		
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES	10	
690-002	TUNNEL/FIREWALL LINER		
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS		
726-001	SINGLE ELECTRIC HORN		
728-002	DUAL HORN SHIELDS		
657-1C3	ALL UNITS KEYED THE SAME WITH (3) KEYS, KEY CODE TO BE D519		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS		
312-072	SINGLE RECTANGULAR SEALED BEAM HEADLIGHTS WITH BRIGHT BEZELS		
302-022	LED MARKER LAMPS		
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER		
311-001	DAYTIME RUNNING LIGHTS		
294-001	INTEGRAL STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-089	DUAL GROTE STAINLESS STEEL HEATED GRID TYPE MIRRORS WITH REINFORCED UPPER BRACKET		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		

Data Code	Description	Weight Front	Weight Rear
743-1AA	LH AND RH SUREPLUS 574 8 INCH BRIGHT FINISH HEATED CONVEX MIRRORS WITH SEPARATE ADJUSTMENT, MOUNTED BELOW MIRROR		
729-001	STANDARD SIDE/REAR REFLECTORS		
787-020	ELECTRIC DOOR LOCKS, MECHANICAL KEY TUMBLER		
677-054	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH PLAIN DIAMOND PLATE COVER		
764-002	STAINLESS STEEL EXTERIOR SUN VISOR	28	
768-046	17.5X35 INCH TINTED REAR WINDOW		
661-006	TINTED DOOR GLASS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS	4	
663-023	2-PIECE TINTED CURVED GASKET MOUNTED HEATED WINDSHIELD		
659-025	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, MOUNTED UNDER CAB, WITH REMOTE FILL		
Cab Interior			
707-1D4	SMOKY MOUNTAIN GRAY VINYL PREMIUM INTERIOR		
70K-006	GREY HARD TRIM		
706-049	BASE LEFT HAND DOOR TRIM		
708-049	BASE RIGHT HAND DOOR TRIM		
772-007	BLACK MATS WITH DOUBLE INSULATION		
785-007	DASH MOUNTED ASH TRAY AND LIGHTER, DRIVER SIDE		
691-001	FORWARD ROOF MOUNTED CONSOLE		
694-009	PASSENGER SIDE WING DASH MOUNTED GLOVE BOX WITH LOCKING DOOR		
697-012	14"X7.75" DOCUMENT POUCH MOUNTED ON BACK WALL BETWEEN SEATS		
693-025	LH AND RH DOOR MAP POCKETS		
741-029	COAT HOOK ON RH BACKWALL OF CAB		
742-026	(1) CUP HOLDER MOUNTED IN BOTTOM CENTER OF DASH		
680-034	TWO-TONE CHARCOAL UPPER/COOL GRAY LOWER SOFT TOUCH WING DASH WITH BLACK DRIVER SIDE COSMETIC UNDER DASH COVER		
320-004	STANDARD WIRING		
720-003	5 LB. FIRE EXTINGUISHER	10	
700-015	HEATER, DEFROSTER AND AIR CONDITIONER WITH COSMETIC COVER		

Data Code	Description	Weight Front	Weight Rear
701-010	HVAC DUCTING WITH FOAM MAIN FRESH AIR FILTER AND OUTSIDE PRE-FILTER		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
702-002	BINARY CONTROL, R-134A		
739-001	CAB INSULATION		
285-019	AUTOMATIC SELF-RESET CIRCUIT BREAKER IN MAIN DASH POWER DISTRIBUTION BOX AND CIRCUIT BREAKER/FUSE IN AUXILIARY POWER DISTRIBUTION BOXES		
324-075	DOOR ACTIVATED DOME LIGHT, UNDER DASH LIGHT AND LH AND RH DOOR MOUNTED COURTESY LIGHTS		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-023	(1) 12 VOLT POWER SUPPLY IN DASH		
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	40	
760-294	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT		
757-001	BLACK SUSPENSION COVER FOR AIR DRIVER SEAT	2	
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4	
758-014	BLACK CORDURA PLUS CLOTH DRIVER SEAT COVER		
761-014	BLACK CORDURA PLUS CLOTH PASSENGER SEAT COVER		
763-003	3 POINT DRIVER AND PASSENGER SEAT BELT RETRACTORS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-023	2-SPOKE 18 INCH (450MM) BLACK LEATHER WRAPPED STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Data Code	Description	Weight Front	Weight Rear
Instruments & Controls			
185-002	NON-ADJUSTABLE SUSPENDED PEDALS		
870-005	STAR GAUGES WITH BRIGHT BEZELS		
732-018	ROYAL ROSEWOOD MATTE FINISH DRIVER INSTRUMENT PANEL		
734-017	ROSEWOOD VINYL MATTE FINISH CENTER INSTRUMENT PANEL INSERT		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-024	FILTERMINDER DASH MOUNTED AIR RESTRICTION GAUGE	2	
721-001	97 DB BACKUP ALARM		3
149-012	CRUISE CONTROL SWITCHES IN THE CENTER PANEL		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-1AJ	DATASTAR DRIVER DISPLAY AND WARNING LAMP/LIGHT BAR DISPLAY, NON-DATA LINKED		
160-031	GATEWAY DIAGNOSTIC INTERFACE, ONBOARD DIAGNOSTICS CONNECTOR BENEATH DASH, SAE J1939/1587, BODY BUILDER INTERFACE CONNECTOR BETWEEN DRIVER AND PASSENGER SEATS 0000014		
844-001	2 INCH ELECTRIC FUEL GAUGE		
845-011	FUEL FILTER RESTRICTION INDICATOR		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
854-001	ENGINE OIL TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
867-016	OUTSIDE AIR TEMPERATURE GAUGE WITH FAHRENHEIT AND CELSIUS DISPLAY MOUNTED IN OVERHEAD CONSOLE		
372-035	(1) DASH MOUNTED PTO SWITCH WITH INDICATOR LAMP	5	
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
746-1B0	AM/FM/WB RADIO WITH CD PLAYER, BLUETOOTH AND MICROPHONE, USB, FRONT AND REAR AUXILIARY INPUTS AND J1939	10	
747-002	ROOF/OVERHEAD CONSOLE MOUNTED RADIO		

	Data Code	Description	Weight Front	Weight Rear
	750-004	(4) RADIO SPEAKERS IN CAB		
	753-021	AM/FM ANTENNA MOUNTED ON LH FRONT A-PILLAR	2	
	748-026	POWER AND GROUND WIRING FOR CB RADIO IN OVERHEAD CONSOLE		
	752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM		
	810-042	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITH ODOMETER		
	817-001	STANDARD VEHICLE SPEED SENSOR		
	812-001	ELECTRONIC 3000 RPM TACHOMETER		
	813-1B4	DETROIT CONNECT VIRTUAL TECHNICIAN REMOTE ENGINE DIAGNOSTICS (DETROIT ENGINES ONLY)		
	81X-001	2 YEAR SERVICE CONTRACT INCLUDED WITH VIRTUAL TECHNICIAN		
	162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
	329-1AW	SIX IGNITION CONTROLLED EXTRA SWITCHES WITH INDICATOR LIGHT, 10 AMPS, WIRED BETWEEN DRIVER AND PASSENGER SEATS		
	482-001	BW TRACTOR PROTECTION VALVE		
	883-001	TRAILER HAND CONTROL BRAKE VALVE		
	836-001	2 INCH VOLTMETER		
	660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
	304-026	CAB MARKER LIGHT AND HEADLIGHT SWITCH WITH SEPARATE SWITCH AND TERMINALS FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS AND TURN SIGNALS		
	882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
	299-037	SELF CANCELING TURN SIGNAL SWITCH WITH INTEGRAL HEADLAMP DIMMER WITH BRAKE OVERRIDE		
	298-036	PACIFIC INSIGHT ELECTRONIC FLASHER		
Design				
*	065-000	PAINT: ONE SOLID COLOR		
Color				
*	980-6H9	CAB COLOR A: L3258EB SEMI YELLOW ELITE BC		
	96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR		
	986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		

Data Code	Description	Weight Front	Weight Rear
964-993	BUMPER PAINTED SAME AS CHASSIS		

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Weight Summary

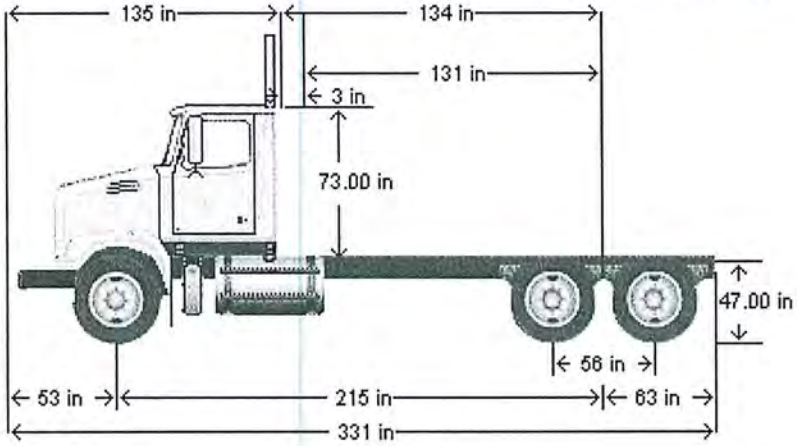
	Weight Front	Weight Rear	Total Weight
Factory Weight[+]	10657 lbs	8003 lbs	18660 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight[+]	10657 lbs	8003 lbs	18660 lbs

Dealer Installed Options

		Weight Front	Weight Rear
5555	VIKING PACAKGE LESS FRONT PLOW AND SANDER	0	0
	Total Dealer Installed Options	0 lbs	0 lbs

(+) Weights shown are estimates only.
If weight is critical, contact Customer Application Engineering.

DIMENSIONS



VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model 4700SF
Wheelbase (545) ..... 5450MM (215 INCH) WHEELBASE
Rear Frame Overhang (552) ..... 1600MM (63 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) ..... NO FIFTH WHEEL
- Mounting Location (577) ..... NO FIFTH WHEEL LOCATION
- Maximum Forward Position (in) 0
- Maximum Rearward Position (in) 0
- Amount of Slide Travel (in) 0
- Slide Increment (in) 0
- Desired Slide Position (in) 0.0

Cab Size (829) ..... 110 INCH BBC STEEL CONVENTIONAL CAB
Sleeper (682) ..... NO SLEEPER BOX/SLEEPERCAB
Exhaust System (016)..... RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	134.5
Bumper to Centerline of Front Axle (BA)	53.3
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	133.8
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	130.8
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	196.8
Cab Height (CH)	73.0
Wheelbase (WB)	215.0
Frame Overhang (OH)	63.0
Overall Length (OAL)	331.3
Rear Axle Spacing	56.0
Unladen Frame Height at Centerline of Rear Axle	47.0

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

VEHICLE SPECIFICATIONS SUMMARY - GVWR

Model	4700SF
Cab Size (829)	110 INCH BBC STEEL CONVENTIONAL CAB
Expected Front Axle(s) Load (lbs)	20000.0
Expected Pusher Axle(s) Load (lbs)	0.0
Expected Rear Axle(s) Load (lbs)	46000.0
Expected Tag Axle(s) Load (lbs)	0.0
Expected GVW (lbs)	66000
Expected GCW (lbs)	80000.0
Front Axle (400)	MFS-20-133A 20,000# FL1 SINGLE FRONT AXLE
Front Suspension (620)	9,500# LEFT, 10,500# RIGHT MIXER/PLOW FLAT LEAF FRONT SUSPENSION (20,000#)
Front Hubs (418)	CONMET PRESET PLUS IRON FRONT HUBS
Front Disc Wheels (502)	ALCOA LVL ONE 82462X 22.5X12.25 10-HUB PILOT 4.8 INSET 10-HAND ALUMINUM DISC FRONT WHEELS
Front Tires (093)	MICHELIN XZY-3 425/65R22.5 20 PLY RADIAL FRONT TIRES
Front Brakes (402)	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Steering Gear (536)	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR
Rear Axle (420)	RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
Rear Suspension (622)	TUFTRAC 46,000# 2-STAGE REAR SPRING SUSPENSION
Rear Hubs (450)	CONMET PRESET PLUS IRON REAR HUBS
Rear Disc Wheels (505)	ALCOA 89465X 22.5X9.00 10-HUB PILOT 5.96 INSET ALUMINUM DISC REAR WHEELS
Rear Tires (094)	GOODYEAR G282 MSD 12R22.5 16 PLY RADIAL REAR TIRES
Rear Brakes (423)	MERITOR 16.5X7 Q+ CAST SPIDER HEAVY DUTY CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
Pusher / Tag Axle (443)	NO PUSHER OR TAG AXLE
Pusher / Tag Suspension (626)	NO PUSHER OR TAG SUSPENSION
Pusher / Tag Hubs (449)	NO PUSHER OR TAG HUBS
Pusher/Tag Disc Wheels (509)	NO PUSHER/TAG DISC WHEELS
Pusher / Tag Tires (095)	NO PUSHER/TAG TIRES
Pusher / Tag Brakes (456)	NO PUSHER/TAG BRAKES

TABLE SUMMARY - GVWR

	Front	Rear 1	Rear 2
Axle Component Weight Ratings			
Axles	20000	23000	23000
Suspension	20000	23000	23000
Hubs	23000	26000	26000
Brakes	20000	24999	24999
Wheels	24600	40000	40000
Tires	22800	27120	27120
Power Steering	22000	N/A	N/A
GAWR (per axle)	20000	23000	23000
GAWR (per axle system)	20000		46000
Expected Load (per axle system)	20000		46000
Vehicle GVWR Summary			
Calculated GVWR	66000		
Expected GVWR	66000		
All weights displayed in pounds			

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

VEHICLE SPECIFICATIONS SUMMARY - FRAME RBM

Wheelbase (545) ..... 5450MM (215 INCH) WHEELBASE
Frame Rails (546) ..... 1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI(546)
Yield Strength (psi) 120000
Section Modulus (per rail) (cu in) 22.7
RBM (per rail) (lbf-in) 2700000
Inner Frame Reinforcement (547) ..... PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
Outer Frame Reinforcement (548) ..BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW

TABLE SUMMARY - FRAME RBM

Item	Description / Value
Wheelbase	5450MM (215 INCH) WHEELBASE
Frame	1/2X3.64X11-7/8 INCH STEEL FRAME (12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
Inner Frame Reinforcement	PARTIAL INNER FRAME REINFORCEMENT AT FRONT SUSPENSION
Outer Frame Reninforcement	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PL
Yield Strength (psi)	120000
Section Modulus - per rail (cu. in.)	22.70
Frame RBM - per rail (lbf-in)	3204000

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

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

ok Brent 080714

QUOTATION

Quote ID: 90010

Fall '08 Factory Install Catalog

Customer: RR CHARLEBOIS INC.
Contact: Brent Dragon
Address: 950 ROUTE 7 SOUTH
MILTON, VT 05468

Phone: 802-655-5040
Fax:
Attn: Sandy Ladd

NY spec.

Quote Number: 90010
Quote Date: 07/28/2014
Quote valid until: 10/28/2014
For: Stock Truck
Terms: Net 10 Days After Sale
Salesperson: Mike Murray
FOB: Williston, VT

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
1	S75032 VT Power Tilt Hitch w/Wing Mount	$0.00	$0.00
1	S30700 FH33 Cable Over Hydraulic Front Mast Assembly	$0.00	$0.00
1	S33300 Full Trip Hinge – 10 Degree	$0.00	$0.00
1	S40516 HC109650 Cable Over Hydraulic Rear Shelving Support	$0.00	$0.00
1	S60060 144W RH Wing	$0.00	$0.00
1	S61071 HD Full Trip Arms (Cushion Spring Lower)	$0.00	$0.00
1	S60425 Cover Blade	$0.00	$0.00
2	S54500 Moldboard Shoes	$0.00	$0.00
1	Front Mounted Tandem Gear Pump w/Electric Clutch	$0.00	$0.00
1	Behind Cab Oil Reservoir w/Low Oil Sensor	$0.00	$0.00
1	Six Section Implement Valve Mounted in a Behind Cab Mounted Enclosure	$0.00	$0.00
7	Pedestal Mounted Air Actuated Implement Controls	$0.00	$0.00
1	EZ Spread 1 Electronic Spreader Control	$0.00	$0.00
1	Stainless Steel Hydraulic Piping to the Front and Rear (Includes Under Body)	$0.00	$0.00
1	Beau Roc DH 15'x 48 x 60 Dump Body	$0.00	$0.00
~~1~~	~~¼" AR450 Floor w/I~~-Beam Long Member and Cross Member Support	$0.00	$0.00
~~1~~	~~Corten Body~~ Shell w/Three 3/16" Vertical Supports and Full Depth Corner Posts	$0.00	$0.00
1	Air Actuated Tailgate	$0.00	$0.00
1	¾ Cab Shield	$0.00	$0.00
1	SA Telescopic Hoist (Hyva)	$0.00	$0.00
1	Asphalt Apron	$0.00	$0.00
1	Ladder	$0.00	$0.00
1	Shovel Holder	$0.00	$0.00
1	Electric Load Cover w/Thirty Degree Aluminum Arms and Mesh Tarp	$0.00	$0.00
1	Pintle Plate w/25 Ton Hook, D-Rings, Electrical Plug, and Glad Hands	$0.00	$0.00
1	Front and Rear Mud Flaps w/Anti Sails on the Front Flaps	$0.00	$0.00
1	Shot Blasted and Epoxy Primed	$0.00	$0.00
1	Painted Black	$0.00	$0.00
1	LED Cab Dome (2) and Corner Post (4) Mounted Strobe System	$0.00	$0.00
1	LED Combo Stop, Tail, Turns and Back Ups and LED Markers	$0.00	$0.00
1	Halogen Plow Lights	$0.00	$0.00
3	LED Spot Lights	$0.00	$0.00