

MANISTEE COUNTY ROAD COMMISSION
2025 TANDEM AXLE TRUCK SPECIFICATIONS AND BID REQUIREMENTS
February 9, 2024

GENERAL

1. The following minimum specifications are for a tandem axle truck (conventional cab and chassis with an engine and transmission).
2. The truck shall be the manufacturer's current model under standard production and shall be supplied with all necessary operating accessories customarily furnished whether specified herein or not.
3. Bidder shall note any exceptions (deviations) to the specifications.
4. Bids shall remain firm for 60 calendar days.

Data Code	Description	Deviations
Vehicle Configuration		
004-225	2025 MODEL YEAR	
002-003	SET FORWARD AXLE - TRUCK	
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	
003-001	LH PRIMARY STEERING LOCATION	
General Service		
AA1-003	TRUCK/TRAILER CONFIGURATION	
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	
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		
AA3-018	FRONT PLOW/END DUMP BODY	
AF4-99D	EXPECTED EMPTY BODY WEIGHT : 4300.0 lbs	
A88-99D	EXPECTED TRUCK BODY LENGTH : 14.0 ft	
AE2-99D	EXPECTED TRUCK BODY WIDTH : 96.0 in	
AF6-99D	EXP EMPTY BODY CG LOC FROM BODY FRT(A89) : 5.9 ft	
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in	
Tractor Service		
AA2-005	FLATBED TRAILER	
AH6-001	SINGLE (1) TRAILER	

Data Code	Description	Deviations
Engine		
101-3C3	CUM X15 565V HP @ 1950 RPM, 2000 GOV RPM, 1850 LB-FT @ 1150 RPM	
Electronic Parameters		
79A-075	75 MPH ROAD SPEED LIMIT	
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT	
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED	
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH	
Engine Equipment		
99C-021	2010 EPA/CARB/GHG21 CONFIGURATION	
13E -001	STANDARD OIL PAN	
105-001	ENGINE MOUNTED OIL CHECK AND FILL	
014-111	SIDE OF HOOD AIR INTAKE WITH ENGINE MOUNTED AIR CLEANER, WITH INSIDE/OUTSIDE AIR AND SNOW DOOR	
124-1E1	DR 12V 200 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE	
292-222	(3) DTNA GENUINE, HIGH TEMP AGM STARTING AND CYCLING, MIN 2775CCA, 570RC, 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	
107-045	CUMMINS NATURALLY ASPIRATED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE	
131-013	AIR COMPRESSOR DISCHARGE LINE	
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM	
128-004	CUMMINS INTEBRAKE BRAKE WITH HIGH MED LOW BRAKE	
016-1C0	RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT SYSTEM ASSEMBLY WITH TOPSTACK	
28F-015	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD ACTIVE REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER AND DASH MOUNTED INHIBIT SWITCH	
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT	
237-1CU	RH CURVED TOPSTACK	
23U-003	23 GALLON DIESEL EXHAUST FLUID TANK	
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL	
23Z-005	UNPOLISHED ALUMINUM WST DIESEL EXHAUST FLUID TANK COVER	
43X-001	LH HEAVY DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION	
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP	
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD	

Data Code	Description	Deviations
Engine Equipment (Continued)		
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH	
276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED	
122-078	ALLIANCE FUEL FILTER/WATER SEPARATOR WITH INDICATOR LIGHT	
110-003	CUMMINS SPIN ON FUEL FILTER	
118-001	FULL FLOW OIL FILTER	
266-107	1400 SQUARE INCH VOCATIONAL RADIATOR WITH PROTECTION PACKAGE	
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT	
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT	
261-001	STANDARD CHARGE AIR COOLER PLUMBING	
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES	
270-016	RADIATOR DRAIN VALVE	
168-002	LOWER RADIATOR GUARD	
155-055	DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	
109-007	CAST IRON FRONT AND REAR ENGINE SUPPORTS	
Transmission		
342-1NC	ALLISON 4700 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	
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-039	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 2, HIGHEST GEAR 7, AVAILABLE FOR 4700/4800 PRODUCT FAMILIES ONLY	
84D-039	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 2, HIGHEST GEAR 7, AVAILABLE FOR 4700 PRODUCT FAMILIES ONLY	
84E- 000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE	
85J-001	2ND REVERSE, SELECTOR ONLY	
353-074	QUICKFIT BODY LIGHTING CONNECTOR UNDER CAB, WITH BLUNTCUTS	

Data Code	Description	Deviations
Transmission Equipment (Continued)		
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR	
362-777	Factory Install Main Trans Mounted PTO CHE280GGFJP B8RY	
363-010	PTO MOUNTING, LH SIDE AND TOP RH SIDE OF MAIN TRANSMISSION	
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLES FILL AND DRAIN	
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED	
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013	
370-006	WATER TO OIL TRANSMISSION COOLER	
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK	
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)	
Front Axle and Equipment		
400-1BB	DETROIT DA-F-20.0-5 20,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS	
402-075	BENDIX ADB22X AIR DISC FRONT BRAKES	
403-002	NON-ASBESTOS FRONT BRAKE LINING	
419-004	FRONT DISC BRAKE ROTORS	
427-001	FRONT BRAKE DUST SHIELDS	
409-006	FRONT OIL SEALS	
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL	
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES	
405-030	FRONT AIR DISC BRAKE INTERNAL ADJUSTERS	
536-104	DUAL POWER STEERING GEARS, BENDIX 16-20K	
534-003	4 QUART POWER STEERING RESERVOIR	
533-001	OIL/AIR POWER STEERING COOLER	
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE	
Front Suspension		
620-068	23,000# FLAT LEAF FRONT SUSPENSION	
619-002	THREADED SPRING PINS AND BUSHINGS - FRONT SUSPENSION	
410-001	FRONT SHOCK ABSORBERS	
Rear Axle and Equipment		
420-058	RT-46-164 46,000# R-SERIES TANDEM REAR AXLE	
450-060	CONMET PRESET PLUS PREMIUM REAR HUBS	
421-489	4.89 REAR AXLE RATIO	
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING	
386-083	RPL35 MERITOR MAIN DRIVELINE	
388-044	RPL25 MERITOR INTERAXLE DRIVELINE	
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES	

Data Code	Description	Deviations
Rear Axle and Equipment (Continued)		
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 DIFFERENTIAL LOCKOUT SWITCH	
423-075	BENDIX ADB22X AIR DISC REAR BRAKES	
433-002	NON-ASBESTOS REAR BRAKE LINING	
434-003	STANDARD BRAKE CHAMBER LOCATION	
451-005	REAR DISC BRAKE ROTORS	
425-002	REAR BRAKE DUST SHIELDS	
440-006	REAR OIL SEALS	
426-094	AIR DISC LONGSTROKE 2-DRIVE AXLE SPRING PARKING CHAMBERS	
428-030	REAR AIR DISC BRAKE INTERNAL ADJUSTERS	
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE	
42T-001	STANDARD REAR AXLE BREATHER(S)	
Rear Suspension		
622-1K3	NEWAY ADZ 252 52,000# REAR AIR SUSPENSION	
621-109	10.2 INCH NOMINAL RIDE HEIGHT (475MM GLOBAL REFERENCE HEIGHT)	
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP	
624-009	54 INCH AXLE SPACING	
888-078	IGNITION CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSPENSION WITH STATE RETENTION AND GAUGE	
87D-012	REAR AIR SUSPENSION DUMP VALVE AUTOFILL > 5 MPH WITH INDICATOR LIGHT	
910-004	DUAL AIR REAR SUSPENSION LEVELING VALVES	
623-006	FORE/AFT AND TRANSVERSE CONTROL RODS	
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)	
Brake System		
490-1AV	WABCO 6S/6M ABS WITH TRACTION CONTROL WITH ATC SHUT OFF SWITCH	
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES	
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE	
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER	
479-015	AIR DRYER FRAME MOUNTED	
460-040	STEEL AIR BRAKE RESERVOIRS MOUNTED PERPENDICULAR TO OUTSIDE RAIL	
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS	

Data Code	Description	Deviations
Trailer Connections		
914-025	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND DUST COVERS	
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION	
303-025	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME	
Wheelbase & Frame		
545-126	5640MM (222 INCH) WHEELBASE	
546-107	15.0MM X 89.0MM X 315.0MM STEEL FRAME (0.59X3.5X12.4 INCH) 120 KSI	
552-063	2550MM (100 INCH) REAR FRAME OVERHANG	
55W-009	FRAME OVERHANG RANGE: 91 INCH TO 100 INCH	
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 121.61 in	
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 103.74 in	
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 348.31 in	
ZF1-99D	FRAME HEIGHT TOP FRONT UNLADEN : 0.0 in	
ZF2-99D	FRAME HEIGHT TOP FRONT LADEN : 31.43 in	
ZF3-99D	FRAME HEIGHT TOP REAR UNLADEN : 42.42 in	
ZF4-99D	FRAME HEIGHT TOP REAR LADEN : 41.12 in	
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 21.76 in	
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 211.61 in	
553-001	SQUARE END OF FRAME	
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER	
561-007	HEAVY DUTY BACK OF TRANSMISSION CROSSMEMBER	
562-063	STANDARD CAST ALUMINUM MIDSHIP	
572-078	HEAVY DUTY REAR C-CHANNEL CROSSMEMBER, NON-TOWING	
565-001	STANDARD SUSPENSION CROSSMEMBER	
568-012	CAST ALUMINUM REAR SUSPENSION CROSSMEMBER	
Chassis Equipment		
025-001	UNPOLISHED ALUMINUM WST EQUIPMENT COVERS	
556-800	TEMPORARY STEEL BUMPER	
558-998	NO FRONT TOW HOOKS	
574-998	NO LICENSE PLATE MOUNTING	
551-034	CLASS 10.9 THREADED METRIC FASTENERS	
585-998	NO MUDFLAP BRACKETS	
44Z-005	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE, SECONDARY COVERING, & CONNECTOR PROTECTION	
Fuel Tanks		
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK - LH	
218-006	25 INCH DIAMETER FUEL TANK(S)	
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS	

Data Code	Description	Deviations
Fuel Tanks (Continued)		
212-034	FUEL TANK(S) AS FAR AFT AS POSSIBLE	
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	
Tires		
093-OTA	MICHELIN XZY-3 385/65R 22.5 18 PLY RADIAL FRONT TIRES	
094-17X	MICHELIN X MULTI D+ 11R22.5 16 PLY RADIAL REAR TIRES	
Wheels		
502-1H5	ALCOA LVL ONE 82462X 22.5 X 12.25 10 HUB PILOT 4.68 INSET 10 HAND ALUMINUM DISC FRONT WHEELS	
505-766	ALCOA ULA 18 X 22.5 X 8.25 10 HUB PILOT ALUMINUM DISC REAR WHEELS	
524-022	POLISHED DISC SIDE FRONT WHEELS WITH DURA-BRIGHT FINISH	
525-021	UNPOLISHED REAR WHEELS WITH ALL DURA-BRIGHT FINISH	
496-011	FRONT WHEEL MOUNTING NUTS	
497-011	REAR WHEEL MOUNTING NUTS	
Cab Exterior		
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	
646-002	RADIATOR MOUNTED GRILLE	
764-020	STAINLESS STEEL EXTERIOR SUN VISOR WITH INTEGRAL MARKER LIGHTS	
705-003	PTO ACCESS HOLE IN FLOOR	
829-116	121 INCH BBC ALUMINUM CONVENTIONAL CAB	
82A-028	STAINLESS STEEL CAB ACCENT MOLDING	
667-001	FRONT FENDERS	
678-068	SAFETY YELLOW INTERIOR GRAB HANDLES WITH ADDED LOWER LH AND RH A PILLAR GRAB HANDLES AND LH AND RH EXTERIOR NON-SLIP GRAB HANDLES	
65X-010	BRIGHT HOOD MOUNTED AIR INTAKE GRILLE, BLACK SCREEN, WITH LED ACCENT LIGHTS	
640-016	X-SERIES STEEL REINFORCED ALUMINUM CAB	
644-048	X-SERIES VOCATIONAL HOOD	
67U-001	HOOD OPENING ASSIST WITH LOCKING STRUT	
652-016	WESTERN STAR NAMEPLATES	
727-012	DUAL HADLEY SD-978 26 INCH RECTANGULAR AIR HORNS	
728-002	DUAL HORN SHIELDS	
726-001	SINGLE ELECTRIC HORN	
575-001	REAR LICENSE PLATE MOUNT END OF FRAME	
312-095	DUAL STAGE INTELLIGENT LED HEADLIGHTS WITH HEATED LENS SYSTEM	
302-073	VISOR MOUNTED LED MARKER LIGHTS	
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER	
311-001	DAYTIME RUNNING LIGHTS	

Data Code	Description	Deviations
Cab Exterior (Continued)		
294-1AY	INTEGRAL LED STOP/TAIL/BACKUP LIGHTS	
300-043	LED SIDE TURN SIGNAL	
744-105	C-BAR MIRROR SYSTEM WITH DUAL HEATED MIRRORS WITH INTEGRAL HEATED CONVEX, DUAL REMOTE, STAINLESS STEEL BACK COVER, AND BRIGHT C-BAR	
796-001	102 INCH EQUIPMENT WIDTH	
743-209	LH AND RH CONVEX MIRRORS INTEGRAL WITH PRIMARY MIRRORS	
74A-001	RH DOWN VIEW MIRROR	
729-001	STANDARD SIDE/REAR REFLECTORS	
768-065	HIGH VISIBILITY 3-PIECE SOLAR TINTED REAR WINDOW, (1) 31 INCH X 20 INCH SOLAR TINTED REAR WINDOW, (2) 9 INCH X 20 INCH	
663-038	HEATED WINDSHIELD GLASS	
659-006	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR	
Cab Interior		
055-015	X-SERIES BASE INTERIOR TRIM LEVEL PACKAGE	
707-1C3	CHARCOAL BLACK VINYL BASE LEVEL INTERIOR	
70K-016	CARBON WITH BASE BLACK ACCENT	
772-037	BLACK MATS WITH ADDED FLOOR HEAT AND NOISE INSULATION WITH ACCELERATOR RUB PAD	
785-014	(2) DASH MOUNTED POWER OUTLETS AND COIN TRAY	
691-001	FORWARD ROOF MOUNTED CONSOLE	
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS	
741-015	(2) COAT HOOKS ON BACKWALL OF CAB	
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY	
170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY	
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER	
739-034	PREMIUM INSULATION	
324-1B2	PREMIUM LED CAB LIGHTING	
787-998	NO SECURITY DEVICE	
657-138	ALL UNIT (S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1041	
78G-002	KEY QUANTITY OF 2	
655-028	LH AND RH ELECTRIC DOOR LOCKS WITH AUTO UNLOCK FEATURE WHEN DOOR IS SET FROM OPEN TO CLOSED POSITION	
64C-002	BRIGHT DOOR HANDLES	
756-1J7	ELITE 2.0 HIGH BACK AIR SUSPENSION DRIVER SEAT W/2 AIR LUMBAR,ACTIVE BOLSTER,INTEGRATED CUSHION EXTENSION, TILT,ADJUSTABLE SHOCK, MAP POCKET, HEAT & VENTILATION	
760-032	BATTERY BOX MID BACK NON SUSPENSION PASSENGER SEAT WITH 3 BATTERY CAPACITY ONLY	
757-001	BLACK SUSPENSION COVER FOR AIR DRIVERS SEAT	
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	
758-135	BLACK MORDURA CLOTH DRIVER SEAT COVER WITH EMBROIDERED LOGO	

Data Code	Description	Deviations
Cab Interior (Continued)		
761-138	BLACK MORDURA CLOTH PASSENGER SEAT COVER WITH NO LOGO	
763-1AB	3 POINT HIGH VISIBILITY ORANGE ADJUSTABLE D-RING RETRACTOR DRIVER AND FIXED D-RING RETRACTOR PASSENGER SEAT BELTS	
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES	
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS	
Instruments & Controls		
482-001	BW TRACTOR PROTECTION VALVE	
883-001	TRAILER HAND CONTROL BRAKE VALVE	
185-004	STANDARD FOOT PEDAL SYSTEM	
106-002	ELECTRONIC ACCELERATOR CONTROL	
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK	
870-001	BLACK GAUGE BEZELS	
734-018	STANDARD CENTER INSTRUMENT PANEL	
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE	
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS	
721-021	87 DB TO 112 DB SELF-ADJUSTING BACKUP ALARM	
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES	
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY	
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY	
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY	
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH	
844-001	2 INCH ELECTRIC FUEL GAUGE	
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE	
854-001	ENGINE OIL TEMPERATURE GAUGE	
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE	
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE	
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER	
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY	
372-998	NO PTO CONTROLS	
736-998	NO OBSTACLE DETECTION SYSTEM	
49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL	
73B-998	NO LANE DEPARTURE WARNING SYSTEM	
73K-998	NO SIDE OBJECT DETECTION SYSTEM	
6TS-005	TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL	
746-135	AM/FM/WB WORLD TUNER RADIO WITH SIRIU SXM, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	
72J-998	NO DR ASSIST SYSTEM	

Data Code	Description	Deviations
Instruments & Controls (Continued)		
747-001	DASH MOUNTED RADIO	
750-041	STANDARD SPEAKER SYSTEM	
753-998	NO AM/FM RADIO ANTENNA	
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD	
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION	
751-001	SINGLE REMOTE SPEAKER WITH LEAD FOR 2-WAY RADIO	
752-004	SINGLE FIBERGLASS LH MIRROR MOUNTED CB ANTENNA WITH BRACKET AND LEAD	
75W-001	HEADLINER MULTI-BAND ANTENNA; AM/FM WEATHERBAND, WIFI/BLUETOOTH, GNSS/GPS	
78C-003	INTEROPERABLE SDAR ANTENNA	
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER	
812-032	ELECTRONIC 2500 RPM TACHOMETER	
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP	
329-129	FOUR EXTRA HARDWIRED SWITCHES IN DASH, ROUTE TO UNDER CAB, BLUNTCUT	
4C1-025	HARDWIRE SWITCH #1, ON/OFF LATCHING, 20 AMPS IGNITION POWER	
4C2-026	HARDWIRE SWITCH #2, ON/OFF LATCHING, 10 AMPS IGNITION POWER	
4C3-017	HARDWIRE SWITCH #3, ON/OFF LATCHING, 10 AMPS IGNITION POWER	
4C4-016	HARDWIRE SWITCH #4, ON/OFF LATCHING, 20 AMPS IGNITION POWER	
81Y-005	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY	
842-998	NO TURBO AIR PRESSURE GAUGE	
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY	
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS	
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR	
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT	
Paint Design		
065-000	PAINT: ONE SOLID COLOR	
Color		
980-10N	CAB COLOR A: HST908601 PALE GREEN	
	N1985H IMRON	
96J-001	CAB INTERIOR PAINTED SAME AS CAB COLOR	
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT	
963-007	UNDER CAB AND INTERIOR CAB FLOOR UNDERCOATING	

Data Code	Description	Deviations
Extended Warranty		
WAI-5BD	CUM 2017 X15: HD1 PERFORMANCE 5 YEARS / 200,000 MILES / 322,000 KM EXT WARRANTY. FEX APPLIES	
WAX-133	CUM 2017 X15 AT3 PERFORMANCE 5 YEARS / 200,000 MILES / 322,000 KM AFTERTREATMENT.FEX APPLIES	
WAD-062	COOLING: HD MODERATE 5 YEARS/200,000 MILES/322,000 KM EXTENDED COVERAGE FEX APPLIES	
VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS		
Model		
Wheelbase (545)	5640MM (222 INCH) WHEELBASE, ONLY	
Overhang (552)	2550MM (100 INCH) REAR FRAME OVERHANG	
Fifth Wheel (578)	NO FIFTH WHEEL	
Cab Size (829)	121 INCH BBC ALUMINUM CONVENTIONAL CAB	
Sleeper (682)	NO SLEEPER BOX/SLEEPERCAB	
Exhaust System (016)	RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT SYSTEM ASSEMBLY WITH TOPSTACK	

WARRANTY

1. Provide information on the standard warranties that are included with the truck cab and chassis purchase.
2. Provide detailed information for extended warranties that are available, with the related pricing.

DELIVERY

1. The bids shall specify the delivery date as the number of calendar days from the date of award of the bids by the County Road Commission (MCRC) to delivery of the truck cab and chassis to the MCRC yard in Bear Lake, MI.

Date: 2/09/24