

RESOLUTION NO: 45-2023
INTRODUCED BY: Mayor Thomas

A RESOLUTION AUTHORIZING THE MAYOR TO PURCHASE TWO (2) 2024 FREIGHTLINER MODEL 108SD DUMP TRUCKS WITH ALL STANDARD EQUIPMENT FOR THE SERVICE DEPARTMENT FROM VALLEY FREIGHTLINER, INC. THROUGH THE OHIO DEPARTMENT OF TRANSPORTATION COOPERATIVE PURCHASING PROGRAM.

WHEREAS, this Council has previously authorized cooperative purchasing through the Ohio Department of Transportation (“ODOT”) cooperative purchasing program as authorized by Revised Code 5513.01;

WHEREAS, the Service Director received a quote from Valley Freightliner, Inc., an approved vendor for the ODOT cooperative purchasing program, dated November 11, 2022, to supply two (2) 2024 Freightliner Model 108SD dump trucks with all standard equipment for the price of \$107,179.00 per vehicle, for a total price of \$214,358.00;

WHEREAS, this Council desires to authorize the procurement of supply two (2) 2024 Freightliner Model 108SD dump trucks with all standard equipment for the price of \$107,179.00 per vehicle, for a total price of \$214,358.00, the purchase of which shall be made through a competitively bid contract awarded to State-approved vendor, Valley Freightliner, Inc., through the ODOT cooperative purchasing program in an amount not to exceed \$214,358.00.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Richmond Heights, State of Ohio, that:

Section 1: The Mayor is authorized to enter into an agreement with Valley Freightliner, Inc., for the purchase of two (2) 2024 Freightliner Model 108SD dump trucks with all standard equipment for the price of \$107,179.00 per vehicle, for a total price of \$214,358.00, per the attached quotation attached hereto as “Exhibit A”, through the ODOT cooperative purchasing program.

Section 2: The Director of Finance is authorized to appropriate to a proper account/fund the amount necessary to cover the cost of the vehicles that is the subject of Section 1 of this Resolution.

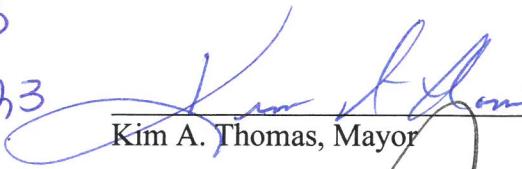
Section 3: It is found and determined that all formal actions of this Council concerning and relating to the adoption of this Resolution were adopted in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

A handwritten signature in blue ink, appearing to read "K. Thomas".

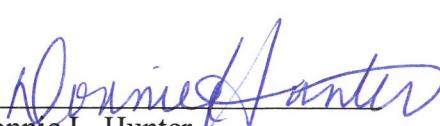
Section 4: This Resolution shall take effect and be in force from and after the earliest period allowed by law.

PASSED: March 28, 2023

APPROVED: March 28, 2023


Kim A. Thomas, Mayor

ATTEST:


Donnie L. Hunter
Clerk of Council

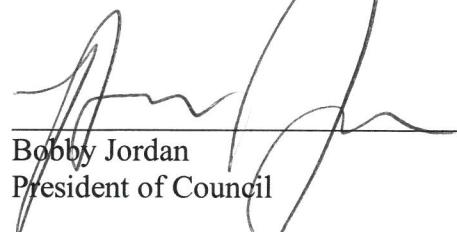

Bobby Jordan
President of Council

EXHIBIT A

Prepared for:
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Phone: 440-487-4683

Prepared by:
Greg Simonic
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10901 Brookpark Rd
Parma, OH 44130
Phone: 216-267-4800

A proposal for
RICHMOND HEIGHTS CITY OF

Prepared by
VALLEY FREIGHTLINER, INC
Greg Simonic

Nov 11, 2022

Freightliner 108SD



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

Application Version 11.7.705
Data Version PRL-27D.020
FTL 108 SD ODOT ITEM 3 023-
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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-27D	SD PRL-27D (EFF:MY24 ORDERS)		
Data Version			
DRL-020	SPEC PRO21 DATA RELEASE VER 020		
Vehicle Configuration			
001-176	108SD CONVENTIONAL CHASSIS	6,829	3,748
004-224	2024 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-002	STRAIGHT TRUCK PROVISION		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
A85-010	UTILITY/REPAIR/MAINTENANCE 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		
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 24020.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 42020.0 lbs		
Truck Service			
AA3-018	FRONT PLOW/END DUMP BODY		
AF3-1N7	CONCORD ROAD EQUIPMENT		
Engine			

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Data Code	Description	Weight Front	Weight Rear
101-3BT	CUM L9 350 HP @ 2200 RPM. 2200 GOV RPM. 1050 LB-FT @ 1200 RPM		

Electronic Parameters

N	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
	79P-007	PTO RPM WITH CRUISE SET SWITCH - 1100 RPM
	79Q-007	PTO RPM WITH CRUISE RESUME SWITCH - 1100 RPM
	79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH
	79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
	79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY
	80G-002	PTO MINIMUM RPM - 700
	80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH

Engine Equipment

99C-021	2010 EPA/CARB/GHG21 CONFIGURATION	
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	
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	
292-235	(2) DTNA GENUINE, FLOODED STARTING, MIN 2000CCA, 370RC, THREADED STUD BATTERIES	
290-017	BATTERY BOX FRAME MOUNTED	
281-001	STANDARD BATTERY JUMPERS	
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB	
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN	
289-001	NON-POLISHED BATTERY BOX COVER	
87P-001	CAB AUXILIARY POWER CABLE	5

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Data Code	Description	Weight Front	Weight Rear
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	2	
295-003	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART CHASSIS MOUNTED LH BACK OF CAB	4	
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM		
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF	20	
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
239-032	11 FOOT 00 INCH (132 INCH+0-5.9 INCH) EXHAUST SYSTEM HEIGHT		
233-017	STANDARD CURVE BRIGHT UPPER STACK(S)		
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
23Z-002	NON-POLISHED ALUMINUM DIAMOND PLATE DIESEL EXHAUST FLUID TANK COVER	15	5
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD		
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER		
266-104	1115 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		

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Data Code	Description	Weight Front	Weight Rear
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
138-011	PHILLIPS-TEMRO 1000 WATT/115 VOLT BLOCK HEATER	4	
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH		
Transmission			
342-582	ALLISON 3000 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-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-017	S5 PERFORMANCE LIMITING PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84F-016	S5 PERFORMANCE LIMITING SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
N 84G-016	2400 RPM PRIMARY MODE SHIFT SPEED		
N 84H-016	2400 RPM SECONDARY MODE SHIFT SPEED		
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
84V-001	DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS		
353-026	VEHICLE INTERFACE WIRING CONNECTOR WITH PDM AND NO BLUNT CUTS, AT BACK OF CAB		
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED		

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Data Code	Description	Weight Front	Weight Rear
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION ALLISON		
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		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-013	TRANSMISSION OIL CHECK AND FILL WITH CROSSOVER TO CLEAR LH PTO AND DIRECT MOUNT PUMP		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

400-1AB	MFS-18-133A 18,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE	250
402-013	MERITOR 16.5X6 Q+ CAST SPIDER HEAVY DUTY CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	
403-002	NON-ASBESTOS FRONT BRAKE LINING	
419-023	COMET CAST IRON FRONT BRAKE DRUMS	
427-001	FRONT BRAKE DUST SHIELDS	5
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	
405-031	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS	
406-001	STANDARD KING PIN BUSHINGS	
536-012	TRW TAS-85 POWER STEERING	40
539-003	POWER STEERING PUMP	
534-003	4 QUART POWER STEERING RESERVOIR	5
533-001	OIL/AIR POWER STEERING COOLER	5
407-003	SYNTHETIC 40/50W FRONT AXLE LUBE	

Front Suspension

620-005	18,000# FLAT LEAF FRONT SUSPENSION	290
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION	
410-001	FRONT SHOCK ABSORBERS	

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Data Code	Description	Weight Front	Weight Rear
Rear Axle and Equipment			
420-022	RS-26-185 26,000# T-SERIES SINGLE REAR AXLE		255
421-586	5.86 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	20	20
452-001	DRIVER CONTROLLED TRACTION DIFFERENTIAL - SINGLE REAR AXLE		20
87B-018	(1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR VALVE FOR SINGLE DRIVE AXLE		
87B-004	BLINKING LAMP WITH EACH MODE SWITCH. DIFFERENTIAL UNLOCK WITH IGNITION OFF. ACTIVE <5 MPH		
423-010	MERITOR 16.5X7 P CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, CAST SHOES		20
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-030	WEBB HEAVY WEIGHT CAST IRON REAR BRAKE DRUMS		50
425-002	REAR BRAKE DUST SHIELDS		5
440-006	REAR OIL SEALS		
426-1B2	BENDIX EVERSURE LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-031	HALDEX AUTOMATIC REAR SLACK ADJUSTERS WITH STAINLESS STEEL CLEVIS PINS		
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		
42T-001	STANDARD REAR AXLE BREATHER(S)		
Rear Suspension			
622-069	CHALMERS 1030 30,000# REAR SUSPENSION	150	
621-041	CHALMERS 1030 SERIES - 9.37 inch RIDE HEIGHT		
623-005	FORE/AFT CONTROL RODS		
439-001	REAR SHOCK ABSORBERS - ONE AXLE		
Brake System			
490-100	WABCO 4S/4M ABS		
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		

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Data Code	Description	Weight Front	Weight Rear
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
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		
479-003	AIR DRYER MOUNTED INBOARD ON LH RAIL		
460-007	ALUMINUM AIR BRAKE RESERVOIRS	-10	-15
477-008	BW DV-2 AUTO DRAIN VALVE WITH HEATER - WET TANK		

Trailer Connections

335-004 UPGRADED CHASSIS MULTIPLEXING UNIT

Wheelbase & Frame

545-412	4125MM (162 INCH) WHEELBASE		
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI	170	150
548-803	TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT		
552-037	1775MM (70 INCH) REAR FRAME OVERHANG		
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH		
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	140	-20
AC8-99D	CALCD BACK OF CAB TO REAR SUSP C/L (CA): 96.85 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 93.85 in		
AE4-99D	CALCD FRAME LENGTH - OVERALL : 297.46 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 27.45 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 44.45 in		
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSMEMBER		
559-003	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSMEMBER	-12	
562-001	STANDARD MIDSHIP #1 CROSMEMBER(S)		
572-001	STANDARD REARMOST CROSMEMBER		
565-001	STANDARD SUSPENSION CROSMEMBER		

Chassis Equipment

556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-110
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Data Code	Description	Weight Front	Weight Rear
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
442-003	EXTERIOR HARNESSES WRAPPED IN ABRASION TAPE & SECONDARY COVERING		
Fuel Tanks			
204-151	60 GALLON/227 LITER ALUMINUM FUEL TANK . LH		
218-006	25 INCH DIAMETER FUEL TANK(S)		
215-007	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH POLISHED STAINLESS STEEL BANDS		
212-007	FUEL TANK(S) FORWARD		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1J1	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR, HAND PRIMER AND 12 VOLT PREHEATER*	-5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100	
094-1UY	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES	60	
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
502-664	ALCOA ULTRA ONE 89U63X 22.5X9.00 10-HUB PILOT 3.12 INSET 10-HD ALUMINUM FRONT WHEELS	-44	
505-766	ALCOA ULA18X 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS	-124	
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
498-011	NYLON WHEEL GUARDS FRONT AND REAR ALL INTERFACES		
Cab Exterior			
829-1A5	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTING		

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Data Code	Description	Weight Front	Weight Rear
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE		
667-037	SHORT FENDER WITH MUDFLAP		
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS	10	
678-067	SAFETY YELLOW LH AND RH INTERIOR GRAB HANDLES AND LH AND RH EXTERIOR GRAB HANDLES WITH SINGLE RUBBER INSERT		
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL		
646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS		
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		
727-1AF	SINGLE 14 INCH ROUND HADLEY AIR HORN UNDER LH DECK		
726-002	DUAL ELECTRIC HORMS		
728-001	SINGLE HORN SHIELD		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS		
302-047	LED AERODYNAMIC MARKER LIGHTS		
294-1AY	INTEGRAL LED STOP/TAIL/BACKUP LIGHTS		
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
74B-1B4	RH AND LH 8 INCH HEATED STAINLESS STEEL FENDER MOUNTED CONVEX MIRRORS WITH TRIPOD BRACKETS	12	
729-001	STANDARD SIDE/REAR REFLECTORS		
677-055	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH POLISHED DIAMOND PLATE COVER		
768-043	63X14 INCH TINTED REAR WINDOW		
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS		
654-027	RH AND LH ELECTRIC POWERED WINDOWS, PASSENGER SWITCHES ON DOOR(S)	4	
663-029	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD		

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 10901 Brookpark Rd
 Parma, OH 44130
 Phone: 216-267-4800

Data Code	Description	Weight Front	Weight Rear
659-007	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR		
Cab Interior			
707-1AK	OPAL GRAY VINYL INTERIOR		
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER		
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-007	GRAY/CHARCOAL WING DASH		
860-004	SMART SWITCH EXPANSION MODULE		
720-002	2-1/2 LB. FIRE EXTINGUISHER	5	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-008	STANDARD HVAC DUCTING WITH SNOW SHIELD FOR FRESH AIR INTAKE		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-034	PREMIUM INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF		
657-1A5	ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1018		
78G-002	KEY QUANTITY OF 2		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
284-101	(1) 12V POWER SUPPLY (1) DUAL 2.1 AMP USB CHARGER IN DASH		
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10	
756-339	PREMIUM ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK	70	

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Data Code	Description	Weight Front	Weight Rear
760-335	BASIC ISRI HIGH BACK NON SUSPENSION PASSENGER SEAT		
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-036	VINYL WITH VINYL INSERT DRIVER SEAT		
761-036	VINYL WITH VINYL INSERT PASSENGER SEAT		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL		
734-004	GRAY CENTER INSTRUMENT PANEL		
870-001	BLACK GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
721-001	97 DB BACKUP ALARM	3	
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-003	PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
33U-007	CHASSIS MODULE JUMPER AND BRACKET FOR BODY BUILDER TO RELOCATE THE CHASSIS MODULE INTO THE CAB		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		

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Data Code	Description	Weight Front	Weight Rear
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
679-001	OVERHEAD INSTRUMENT PANEL		
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939	10	
747-001	DASH MOUNTED RADIO		
750-002	(2) RADIO SPEAKERS IN CAB		
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF		
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD		
749-016	CB WIRING ONLY TO ROOF/OVERHEAD CONSOLE; NO MOUNTING PROVISION		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-008	STANDARD VEHICLE SPEED SENSOR WITH ADDITIONAL SIGNAL FOR CUSTOMER USE LOCATED BETWEEN DRIVER AND PASSENGER SEATS		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-091	(6) IGN CONTROLLED EXTRA SWITCHES WITH IND LIGHTS WIRED TO POWER DIST BOX WITH RELAYS PROVIDING 20 AMPS PER CIRCUIT TO JUNCTION BLOCK AND 1 CIRCUIT AT 30 AMPS		
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-001	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY AND ARCTIC TYPE BLADES		
304-038	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND SINGLE CONNECTOR AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS		
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		

Design

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Data Code	Description	Weight Front	Weight Rear
065-000	PAINT: ONE SOLID COLOR		
Color			
980-5C7	CAB COLOR A: L0455EY SIGNAL GREEN ELITE EY		
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT		
963-003	STANDARD E COAT/UNDERCOATING		
Certification / Compliance			
998-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS		
Secondary Factory Options			
998-032	CORPORATE PDI CENTER OPTION INSTALLATION/MODIFICATION ONLY RELOCATE TCM & CHASSIS MOD INSIDE CAB.		
999-070	DEALER/CUSTOMER ADVISED THAT GVW AND/OR GCW ARE ABOVE CUMMINS GUIDELINES WHICH MAY LEAD TO BELOW AVERAGE VEHICLE PERFORMANCE AND ENGINE LIFE		

TOTAL VEHICLE SUMMARY

	Weight Front	Weight Rear	Total Weight
Factory Weight*	7894 lbs	4352 lbs	12246 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
Total Weight*	7894 lbs	4352 lbs	12246 lbs

Extended Warranty

- WAI-7H3 CUMMINS ENGINE CARB22: L9 HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES
- WBB-344 TC4: MD MODERATE 5 YEARS/100,000 MILES / 161,000 KM EXTENDED TRUCK COVERAGE. FEX APPLIES
- WAK-251 ALLISON 3000 RDS SERIES TRANSMISSION EXTEND WARRANTY. 5 YEARS/UNLIMITED MILES FEX
- WAL-231 AXLE: NON-DETROIT SINGLE REAR ONLY: MD MODERATE 5 YEARS/100,000 MILES/161,000 KM EXTENDED COVERAGE

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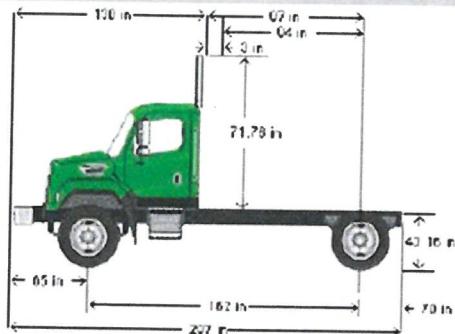
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DIMENSIONS**VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS**

Wheelbase (545)	4125MM (162 INCH) WHEELBASE
Rear Frame Overhang (552)	1775MM (70 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 Side Position (in)	0.0
Cab Size (829)	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682)	NO SLEEPER BOX/SLEEPER CAB
Exhaust System (016)	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

TABLE SUMMARY - DIMENSIONS

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Dimensions	Inches
Bumper to Back of Cab (BBC)	130.1
Bumper to Centerline of Front Axle (BA)	64.6
Front Axle to Back of Cab (AC)	65.6
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	96.9
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	93.0
Back of Cab Protrusions (Exhaust/Intake) (CP)	2.0
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	166.0
Cab Height (CH)	71.8
Wheelbase (WB)	162.4
Frame Overhang (OH)	69.9
Overall Frame Length	297.5
Overall Length (OAL)	295.9
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	43.2

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

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QUOTATION

108SD CONVENTIONAL CHASSIS

SET BACK AXLE - TRUCK
CUM L9 350 HP @ 2200 RPM; 2200 GOV RPM, 1050 LB-
FT @ 1200 RPM
ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH
PTO PROVISION
RS-26-185 26,000# T-SERIES SINGLE REAR AXLE
CHALMERS 1030 30,000# REAR SUSPENSION
MFS-18-133A 18,000# FL1 71.0 INCH KPI/3.74 INCH
DROP SINGLE FRONT AXLE
18,000# FLAT LEAF FRONT SUSPENSION

108 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
1775MM (70 INCH) REAR FRAME OVERHANG
TEM TO EVALUATE AND INSTALL FRAME RAIL
REINFORCEMENT AS NEEDED FOR FRONT
FRAME MOUNTED EQUIPMENT

		PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 103,322	\$	103,322
EXTENDED WARRANTY		\$ 2,582	\$	2,582
DEALER INSTALLED OPTIONS		\$ 1,275	\$	1,275
CUSTOMER PRICE BEFORE TAX		\$ 107,179	\$	107,179

TAXES AND FEES

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

TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
BALANCE DUE	(LOCAL CURRENCY) \$ 107,179	\$ 107,179

Vehicle/Chassis is proposed under Ohio Department of Transportation contract 023-23 cooperative pricing. Pricing is valid for Ohio municipal purchases and eligibility coincides with contract terms and dates. It is the responsibility of the purchasing entity to determine eligibility and request any permission of cooperative purchasing. If this an order, please consult with your body builder to assure all dimensions, rating, and necessary chassis components are included the specification. All specifications and pricing are subject to final production, engineering review, availability, and surcharges. Invoicing will occur upon delivery of bare chassis to customer, or location of customer's choice within Ohio borders. Payment is due upon receipt of invoice. Titles will be transferred and delivered promptly upon receipt of payment. A purchase order to this proposal thereby agrees to the pricing, specifications, and terms herein, and the cooperative contract unless other arrangements are agreed upon but does not guarantee production.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

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

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OHIO DEPARTMENT OF TRANSPORTATION
CENTRAL OFFICE - 1980 WEST BROAD STREET - COLUMBUS, OH 43223
MIKE DEWINE, GOVERNOR - JACK MARCHBANKS, PH.D., DIRECTOR

August 17, 2022

Cleveland Freightliner Inc
10901 Brookpark Rd
Parma, OH 44130

Re: 023-23
Single & Tandem Axle Cab and Chassis

Dear Vendor

Your bid proposal as submitted has been accepted by the Ohio Department of Transportation

This invitation permits multiple awarded vendors to provide Single & Tandem Axle Cab and Chassis.
The contract will be in effect from August 17, 2022 to August 31, 2023

A purchase shall only take place upon the issuance of an official purchase order or the use of a payment card. There is no guarantee that purchase orders will be issued or that products will be ordered against issued purchase orders.

Thank you for bidding on our invitation. Todd VanKirk is available for any assistance necessary to ensure that a quality partnership exists between your company and our Department. If you have any questions, please call (614) 466-3209

Respectfully,

Jack Marchbanks, Ph.D.
Jack Marchbanks, Ph.D.
Director
Ohio Department of Transportation

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