

Prepared for:
Jason Bennett
NC SHERIFFS ASSOCIATION
PO BOX
20049
RALEIGH, NC 27619
Phone: 919.459.6471

**EXCEL
TRUCK GROUP**
NCSA BID# 24-08-0421

Prepared by:
Tony Lyerly
EXCEL TRUCK GROUP
4633 EQUIPMENT DRIVE
CHARLOTTE, NC 28269
Phone: 704-597-1110

A proposal for
NC SHERIFFS ASSOCIATION

Prepared by
EXCEL TRUCK GROUP
Tony Lyerly

Apr 17, 2023

Freightliner ECONIC EH HIGH CAB



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



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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-853	ECONIC SD PRL-853 (EFF:09/01/2022)		
Data Version			
DRL-001	SPECPRO21 DATA RELEASE VER 001		
Vehicle Configuration			
001-009	ECONICSD HIGH CAB CABOVER CHASSIS		
002-004	SET BACK AXLE - TRUCK		
003-001	LH PRIMARY STEERING LOCATION		
996-001	U.S. FMVSS CERT, EXCEPTSALES CABS & GLIDER KITS		
Pre-Specing			
023-998	NO BODY BUILDER PACKAGE		
022-998	NO BODY BUILDER CAB/CHASSIS PREP		
General Service			
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs		
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 64000.0 lbs		
ADJ-99D	GROSS VEHICLE WEIGHT ADJUSTMENT +/- : 0.0 lbs		
AA1-002	TRUCK CONFIGURATION		
A84-1GM	GOVERNMENT BUSINESS SEGMENT		
A85-001	REFUSE SERVICE		
AA4-013	MOIST BULK COMMODITY		
AA3-061	REFUSE, SIDE LOAD OR REAR PACKER BODY - UNLOADS IN A LANDFILL		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		



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Data Code	Description	Weight Front	Weight Rear
AB5-002	ROUGH, MAINTAINED, CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		

Engine

101-2NB	DD8 7.7L 6 CYL DUAL STAGE 350 HP @ 2200 RPM, 2600 GOV RPM, 1050 LB/FT @ 1200 RPM
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Engine Equipment

99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION
99D-010	NO 2008 CARB EMISSION CERTIFICATION
PNZ-998	NO CARB22 BASE WARRANTY
188-096	ECONIC_SD BACK OF CAB STATIONARY AIR INTAKE SNORKEL
239-038	11 FOOT 06 INCH (138 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT - VERTICAL
246-998	NO AFTERTREATMENT SYSTEM
43X-998	NO DEF TANK LOCATION
138-056	ECONIC-SD 110V BLOCK HEATER
361-998	NO REAR ENGINE PTO
282-998	NO BATT BOX MTG/LOCATION
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
293-001	BATTERY SHUTOFF SWITCH AT BATTERY BOX

Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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Transmission Equipment

33U-012	PREWIRE PACKAGE FOR REFUSE RP170 INTERFACE
362-998	NO MAIN TRANSMISSION MOUNTED PTO

Front Axle and Equipment

400-121	ECONIC_SD 18,000# SINGLE FRONT AXLE
402-107	ECONIC_SD FRONT BRAKES
536-109	ECONIC_SD STEERING GEAR

Rear Axle and Equipment

420-293	ECONIC_SD 46,000# TANDEM REAR AXLE
421-073	ECONIC_SD 5.85 REAR AXLE RATIO



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Data Code	Description	Weight Front	Weight Rear
423-069	ECONIC_SD REAR BRAKES		
630-007	ECONIC_SD REINFORCED REAR SUSPENSION STABILIZER BAR		
Wheelbase & Frame			
545-487	4875MM (192 INCH) WHEELBASE		
552-033	1675MM (66 INCH) REAR FRAME OVERHANG		
572-001	STANDARD REARMOST CROSSMEMBER		
Chassis Equipment			
605-120	ECONIC_SD FRAME MOUNTED BODY ATTACHMENT FIXTURES		
794-998	NO JACK OR WHEEL WRENCH PROVISION		
721-998	NO BACKUP ALARM		
Fuel Tanks			
204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH		
212-021	FUEL TANK(S) AFT OF FRONT AXLE; FWD OF REAR AXLE		
122-134	ECONIC_SD FUEL FILTER/WATER SEPARATOR WITH HEATED BOWL		
Tires			
093-1XJ	BRIDGESTONE M870 315/80R22.5 20 PLYRADIAL FRONT TIRES		
094-1XJ	BRIDGESTONE M870 315/80R22.5 20 PLYRADIALL REAR TIRES		
Wheels			
502-681	ECONIC_SD 22.5X9.00 STEEL DISC FRONT WHEELS		
505-681	ECONIC_SD 22.5X9.00 STEEL DISC REAR WHEELS		
Cab Exterior			
829-117	ECONIC_SD 81 INCH BBC HIGH-ROOF CAB		
651-025	ECONIC_SD LEFT HAND SWINGING CAB DOOR		
653-030	ECONIC_SD RIGHT HAND FOLDING CAB DOOR		
655-029	ECONIC ADDITION BUTTON FOR FOLDING DOOR		
663-013	TINTED WINDSHIELD		
768-069	ECONIC_SD LEFT AND RIGHT REAR WINDOW		
727-1AY	SINGLE AIR HORN UNDER LH DECK		



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Data Code	Description	Weight Front	Weight Rear
678-070	ECONIC_SD INTERIOR GRAB HANDLES AND STEPS IN YELLOW AND DASH MOUNTED GRAB HANDLE FOR PASSENGER		
Cab Interior			
756-322	ECONIC_SD AIR SUSPENSION DRIVER SEAT WITH SEAT DETECTION		
760-350	ECONIC_SD TWO BASIC HIGH BACK NON SUSPENSION PASSENGER SEATS		
763-012	3 POINT HIGH VISIBILITY ORANGE RETRACTOR DRIVER AND PASSENGER SEAT BELTS		
657-1CV	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS		
Instruments & Controls			
294-028	OMIT STOP/TAIL/BACKUP LIGHTS, PROVIDE WIRING TO 4' BEYOND EOF FOR C/F LIGHTS		
689-998	NO AUXILIARY HVAC UNIT		
736-126	ECONIC_SD DETROIT ASSURANCE COLLISION WARNING, ADAPTIVE CRUISE CONTROL AND ACTIVE BRAKE ASSIST 3 WITH ADJUSTABLE HEADWAY CONTROL		
73H-007	ECONIC_SD BLIND SPOT CAMERA SYSTEM		
73B-012	DETROIT ASSURANCE LANE DEPARTURE WARNING SYSTEM WITH ON/OFF DASH SWITCH		
73K-002	DETROIT SIDE GUARD ASSIST		
49B-004	ELECTRONIC STABILITY CONTROL		
746-131	ECONIC_SD AM/FM/ RADIO WITH USB AND AUXILIARY INPUTS		
813-1C8	DETROIT CONNECT PLATFORM HARDWARE		
888-099	ECONIC_SD AUTOMATED FRONT FRAME LOWERING BY FRONT AIR SUSPENSION		
883-032	ECONIC_SD FREQUENT-STOP WORK BRAKE WITH DASH SWITCH, FOR SERVICE BRAKES		
Color			
980-809	CAB COLOR A: HST906927 ARCTIC WHITE PPG SINGLE STG		
963-998	NO UNDERCOAT		

T O T A L V E H I C L E S U M M A R Y



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Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	0 lbs	0 lbs	0 lbs
<hr/>			
Total Weight ⁺	0 lbs	0 lbs	0 lbs

Extended Warranty

995-1A0 FREIGHTLINER SD VOCATIONAL WARRANTY

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

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

