

Prepared For :
Neal Witty
HOUSTON GALVESTON AREA COUNCIL HGAC
3555 Timmons Lane
Houston, TX 77027
UNITED STATES
Phone :713-499-6693



Prepared by:
Adam Neuse
Houston Freightliner, Sterling and Western Star
12802 CROSBY FREEWAY
Houston, TX 77049
Phone :

A proposal for
HOUSTON GALVESTON AREA COUNCIL HGAC

Prepared by
Houston Freightliner, Sterling and Western Star

Adam Neuse

April 04, 2026

Freightliner Custom Chassis Corp MT50E



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



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SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear	Retail Price
Price Level				
PRL-86G	WALK-IN VAN FRONT ENGINE ELECTRIC CHASSIS MY 2027 (EFF: 10/10/25)			N/C
Data Version				
DRL-015	SPECPRO21 DATA RELEASE VER 015			STD
Vehicle Configuration				
001-350	MT50E ELECTRIC FRONT ENGINE WALK-IN VAN CHASSIS	4,500	3,500	\$337,974.00
002-008	SET-FORWARD FRONT AXLE CHASSIS			STD
003-001	LH PRIMARY STEERING LOCATION			STD
004-227	2027 MODEL YEAR SPECIFIED			STD
Pre Specing				
AF3-998	NO MFR'S/BODY TYPE IDENTIFICATION			STD
General Service				
A66-99D	EXPECTED FRONT AXLE(S) LOAD 7000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD 12500.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 19500.0 lbs			
AA1-005	CHASSIS CONFIGURATION			STD
A85-002	PICKUP AND DELIVERY/SHORT HAUL SERVICE			STD
AA3-001	DRY VAN BODY			STD
A84-1GF	GENERAL FREIGHT BUSINESS SEGMENT			STD
AA4-001	GENERAL FREIGHT COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			N/C
AF2-998	NO STATE/PROVINCE DOMICILE SELECTED			N/C
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD

Engine

101-3DJ	DANA ELECTRIC AXLE MOUNTED CONTINUOUS140KW/187HP			STD
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Engine Controls & Parameters

162-998	NO IDLE LIMITER, ELECTRONIC ENGINE			STD
79A-075	75 MPH ROAD SPEED LIMIT			N/C
79B-004	CRUISE CONTROL SPEED LIMIT 1 MPH LOWER THAN ROAD SPEED LIMIT			N/C

Engine Equipment

266-1A5	690 SQ-IN DOWNFLOW RADIATOR MOUNTED IN FRONT			STD
292-188	(1)DTNA GENUINE,HGH TEMP AGM STRT & CYC,MIN 925CCA, 190RC, THRDDED STUD BATT			N/C
290-112	E-MOBILITY LV BATTERY MOUNTED ON FRONT BOX-SINGLE BATTERY			N/C
291-006	FRAME GROUND RETURN, BATTERY CABLES WITH EYELET CONNECTORS			STD
293-079	COLE HERSEE BATTERY SHUTOFF SWITCH WITH LOCKOUT, BATTERY BOX MOUNTE			N/C
4BL-008	PROTERRA LI-ION HV BATTERY S1-15-6S 220KWH USABLE			N/C
7AH-004	DC HV CHARGING PORT RIGHT HAND SIDE AFT REAR AXLE			N/C
152-040	ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM			STD
128-137	ELECTRIC MOTOR W/ "LOW/HIGH" REGEN BRAKE			STD
235-998	NO MUFFLER MOUNTING			N/C
23U-998	NO DIESEL EXHAUST FLUID TANK			N/C
35W-998	NO EXHAUST DIFFUSER			N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
237-998	NO EXHAUST PIPING			N/C
273-998	NO FAN CLUTCH DRIVE			N/C
103-039	ANTIFREEZE TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-008	BREEZE CONSTANT TORQUE CLAMPS (COOLANT HOSE) - WHERE POSSIBLE			STD
270-998	NO OPTIONAL RADIATOR PLUMBING			N/C
155-998	NO STARTER			STD

Transmission

342-998	No Transmission			N/C
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Transmission Controls & Parameters

345-078	HD ELEC TRANS SHIFTCTRL, COLUMN MTD			N/C
353-001	VEHICLE INTERFACE CONNECTOR WIRED TO TRANSMISSION ECU			N/C

Front Axle & Equipment

400-1BC	DA-F-8.0-2 8,000# FC1 68.0 KPI/3.74DROP SINGLE FRONT AXLE			N/C
402-096	WEMC HYDRAULIC 4-PISTON FIXED CALIPER DISC FRONT BRAKES			N/C
427-001	FRONT BRAKE DUST SHIELDS			N/C
419-028	FRONT DISC BRAKE ROTORS W/SEPARATE TONE RINGS			N/C
418-065	WEMC IRON FRT HUBS PAINTED BLACK			STD
409-010	FRONT GREASE SEAL			N/C
408-003	UNVENTED FRONT HUB CAPS - GREASE			N/C
40T-007	LITHIUM GREASE FRONT AXLE LUBRICANT			N/C
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			N/C
618-002	STANDARD CUPS AND CONES (WHEEL BEARINGS) FRONT AND REAR			N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
536-011	TRW TAS 55 POWER STEERING			N/C
534-001	2 QUART POWER STEERING RESERVOIR			N/C

Front Suspension

620-018	7,000# TAPERLEAF FRONT SUSPENSION			N/C
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			N/C
629-998	NO FRONT SWAYBAR			N/C
410-017	SACHS FRONT SHOCK ABSORBERS			N/C

Rear Axle & Equipment

420-317	DANA SPICER ES9000R S130 15,500# F-SERIES SINGLE REAR E-AXLE			N/C
421-983	9.83 REAR AXLE RATIO			N/C
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING			N/C
41T-002	SYNTHETIC 75W-90 REAR AXLE LUBE			N/C
423-073	FIAT CHRYSLER AUTOMOBILES HYDRAULIC PIN-SLIDE DISC REAR			N/C
433-002	NON-ASBESTOS REAR BRAKE LINING			N/C
451-028	REAR DISC BRAKE ROTORS W/SEPARATE TONE RINGS			N/C
425-002	REAR BRAKE DUST SHIELDS			N/C
440-006	REAR OIL SEALS			N/C

Rear Suspension

622-081	15,000# TAPERLEAF SPRING REAR SUSPENSION LOW PROFILE WITH RADIUS LEAF			STD
621-001	SPRING SUSPENSION - NO AXLE SPACERS			N/C
439-017	SACHS REAR SHOCK ABSORBERS			N/C

Brake System

018-001	HYDRAULIC BRAKE PACKAGE			STD
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Data Code	Description	Weight Front	Weight Rear	Retail Price
490-136	WABCO NG HYDRAULIC 4S/4M ABS W/DTC/ATC/EBD/HSA, W/ATC SHUTOFF SW			N/C
871-034	NYCLAD HYDRAULIC CHASSIS TUBING			N/C

Wheelbase & Frame

545-452	4525MM (178 INCH) WHEELBASE			N/C
546-1AR	5/16X2.81X9-1/8 INCH STEEL FRAME (7.94MMX231.8MM/0.312X9.12 INCH) 80KSI			STD
547-039	1/4" (6.35MM) C-CHANNEL PARTIAL INNER FRAME REINF AFT OF BOC XMBR TO FWD RR SUSP			N/C
552-057	2350MM (93 INCH) REAR FRAME OVERHANG			N/C
550-998	NO FRONT CLOSING CROSSMEMBER			N/C
56A-001	FRONT SUSPENSION CROSSMEMBER			N/C
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			N/C
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			N/C
565-001	STANDARD SUSPENSION CROSSMEMBER			N/C

Chassis Equipment

606-1N7	90 DEGREE STEEL ANGLE SUPPORTS FOR 88" WALK-IN VAN BODY WIDTH			N/C
49B-004	ENHANCED STABILITY CONTROL			N/C

Fuel Tanks

230-998	NO BETWEEN RAIL FUEL TANK			N/C
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Tires

093-19R	BRIDGESTONE R239 245/70R19.5 12 PLY RADIAL FRONT TIRES			\$254.00
094-19R	BRIDGESTONE R239 245/70R19.5 12 PLY RADIAL REAR TIRES			\$508.00

Hubs

450-051	WEBB IRON REAR HUBS PAINTED BLACK			N/C
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Wheels



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502-1EB	ACCURIDE 50180 19.5X6.75 8-HUB PILOT 5.12 INSET 4-HAND STEEL DISC FRONT WHEELS			STD
505-1H2	ALCOA 76542X 19.5X6.75 8-HUB PILOT 8-HAND ALUMINUM REAR WHEELS			STD
525-001	POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY			N/C
498-049	FREIGHTLINER VALVE STEMS			N/C

Cab Exterior

829-998	NO CAB SIZE			N/C
57C-020	73" BODY HEIGHT			N/C
820-001	OPERATOR STATION (CONTROL SUPPORT)			N/C
726-001	SINGLE ELECTRIC HORN			N/C
657-027	IGNITION KEY ONLY			N/C
30A-007	MRKR LMP WRG W/10-WAY FRT LMP INTRF CONN& 8-WAY RR LMP INTRF CONN IN CHASS CUST			N/C
30B-009	INCANDESCENT BODY MTD MARKER LAMPS			N/C
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			N/C

Cab Interior

130-064	HIGHLY HV DC REFRIGERANT COMPRESSOR			STD
685-996	FCCC PARTIAL AC SYSTEM, NOT FCC CCERTIFIED			STD
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER			N/C
702-036	A/C PLUMB FOR BATTERY THERMAL MGMT SYS FOR ELECTRIC VEHICLE, W/BODY BLDR CONN			N/C
170-021	5/8" X 10FT HEATER PLUMBING HOSE			STD
285-005	AUTO SELF-RESET CIRCUIT BREAKERS AND FUSES			N/C
32A-008	FCCC CAB MULTIPLEXING UNIT			N/C
877-006	STANDARD BRAKE WIRING W/WEAR SENSOR			N/C



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763-801	FASTEN SEAT BELT IND, ACTIVE LOW, FOR C/F SEAT BELT			N/C
532-045	ZF STRAIGHT FIXED GLOBAL STEERING COLUMN			N/C
540-044	4-SPOKE 18" (450MM) BLACK STEERING WHEEL WITH SWITCHES			N/C

Instruments & Controls

732-998	NO INSTRUMENT PANEL-DRIVER			N/C
83K-001	ENGLISH UNITS MAJOR SCALE			N/C
811-045	OPTIVIEW 12.3" LCD			STD
856-018	DIGITAL ENG COOLANT TEMPGAUGE IN DRIVER DISPLAY			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			N/C
864-998	NO TRANSMISSION TEMPERATURE GAUGE			N/C
813-1C3	DASH MTD VEHICLE PERFORMANCE MONITOR			N/C
149-015	ELECTRONIC CRUISE CONTROL W/CONTROLSON STEERING WHEEL SPOKES			STD
160-021	DIAGNOSTIC INTERFACE CONNECTOR, ISO & 9 PIN, SAE J1587/1708/1939			STD
736-998	NO OBSTACLE DETECTION SYSTEM			N/C
73H-998	NO CAMERA SYSTEM			N/C
73B-998	NO IMAGING SYSTEM			N/C
304-064	ROTARY HEADLAMP SWITCH, AUTO, MARKERLIGHTS/HEADLIGHTS SW PLUS LIGHT SENSOR			N/C
298-053	TURN SIGNAL FLASHER INTEGRAL CAB MULTIPLEXING UNIT			N/C

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION			N/C
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Sales Programs

PAT-007	TARIFF IMPACT FEE FCCC WALKIN VAN ELECTRIC CHASSIS			\$4,000.00
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TOTAL VEHICLE SUMMARY



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Weight Summary			
	Weight Front	Weight Rear	Total Weight
Factory Weight+	4500 lbs	3500 lbs	8000 lbs
Total Weight+	4500 lbs	3500 lbs	8000 lbs

ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE			
Other Factory Charges			
998-034	FCCC PDI PROCESSING		\$250.00
	STANDARD DELIVERY CHARGE		\$99,999.00

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

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) 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.

