

# Coe Equipment Inc.

5953 Cherry Street, Rochester, IL 62563 ■ P. 217.498.7200 ■ F. 217.498.7205 ■ [www.coe-equipment.com](http://www.coe-equipment.com)

Serving Illinois & Missouri Since 1986 ■ All Sewer Cleaning & Vacuum Excavation Equipment



Example Photo

Presents a Proposal Summary  
of the

**New 2,500 Gallon Aluminum  
Pressure and Vacuum Truck**

for

**Boone County Regional Sewer District  
1314 North 7<sup>th</sup> St  
Columbia, MO 65201**

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## About Coe Equipment (Background, years in business and business team)

Coe Equipment Incorporated is a distributor of sewer cleaning and municipal equipment to cities and contractors throughout Illinois and Missouri. Our team includes over 115 years of combined experience, and over \$500,000 in parts availability. In addition to selling new and used equipment, we also repair all makes and models of sewer cleaning and vacuum equipment. Coe Equipment has been the Vactor Manufacturing, Inc. local manufacturer's representative for over 39 years, since 1986. Coe Equipment has four field technicians and three mechanics certified to work on Vactor equipment. Our warranty and service facility is located in Rochester, IL.

Vactor Manufacturing is the leading manufacturing of sewer cleaners and catch basin cleaners, jetters, industrial vacuum loaders and vacuum excavation equipment featuring innovative technology and custom-configurable designs. Originally founded in Chicago in 1911 as the Myers-Sherman Company, Vactor has been creating and perfecting sewer cleaning equipment for over 100 years. Vactor is located on 40 acres with 400,000 square feet of manufacturing space under one roof in Streator, Illinois and is ISO 9001:2008 and ISO 14001:2004 certified.

### Location and Contacts

Coe Equipment, Inc. is headquartered in Rochester, IL. Primary contact information for Coe Equipment is provided below:

Coe Equipment, Inc.  
5953 Cherry Street  
Rochester, IL 62563

Contact: Matt Freeze, Territory Field Representative

Phone: 217-899-7300

Fax: 217-498-7205

Email: [matt@coe-equipment.com](mailto:matt@coe-equipment.com)

Office hours: 7:30 AM – 6:00 PM, Monday - Friday

After office hours: Call cell phone to troubleshoot and schedule appointments outside of office hours.

## Proposal Specifications

### 2,500 Gallon Aluminum Tank – Pressure / Vacuum Design

- 2,500 total US gallons
- single compartment tank
- 1/4" barrel, 1/4" heads
- reinforced sills with composite isolation boards
- 12" primary shut off with 3" plumbing
- 20" top manway
- 20" rear cleanout
- steps at top manway
- full head anti-surge baffles
- interior ring stiffeners as required
- full length aluminum hose trays with diamond plate protector
- 4" rear load line with 4" TTMA flange and stainless deflector
- 6" discharge with 6" TTMA flange
- (2) rear hose hooks
- (3) 5" sight eyes
- LED light kit with S/T/T, (2) work lights, clearance and DOT triple lights
- 36" frame mount toolbox with double barn door, smooth aluminum
- 7in RearView Safety RVS-770613 backup camera system
- 7 year, no-leak tank warranty

### Vacuum Pump

- Battioni BLW-140 Blower
- Air cooled, 494 cfm blower pump
- Hot shift PTO for automatic transmissions, in cab control
- Gearbox drive pump, driveshaft
- Includes 3in brass lever valve, adapter and dust cap on inlet
- Includes 4in brass lever valved, adapter and dust camp on discharge
- Includes standard pumper bumper

### All mounted on:

- New Mack MD7
- 6.7L Diesel; 260 HP @ 2,600 RPM
- 33,000 GVWR
- Allison 2500 RDS Automatic Transmission
- Two (2) sets of keys shall be provided at the time of delivery.

Total Delivered Price

Unit Price:	\$98,339.00
New Mack MD7 Chassis:	\$93,839.00
Subtotal:	\$192,178.00
Less Customer Discount:	-\$6,963.00
Total:	\$185,215.00

Price includes delivery and on-site operator training.  
Tax, title and license are in addition to the unit price.  
*Price valid for 15 days.*  
Payment Terms: NET

Proposal Notes:

1. All prices quoted are in US Dollars unless otherwise noted.

This quotation becomes a contract for delivery and payment of the merchandise listed above only when signed by the Company and the customer or one of its officers.

\_\_\_\_\_  
Customer

\_\_\_\_\_  
Customer Representative

\_\_\_\_\_  
Date

**Coe Equipment, Inc.**\_\_\_\_\_  
Company

**Matt Freeze**\_\_\_\_\_  
Company Representative

**12/8/2025**\_\_\_\_\_  
Date

## Appendix 1: Chassis Specifications

# TECHNICAL SPECIFICATION

## MD7 42R



CUSTOMER/VEHICLE INFO		DESCRIPTION
S	CHASSIS (BASE MODEL)	MD742 - 42R MEDIUM DUTY, CLASS 7 w/ 6.7L, (MAX 33,000lbs GVWR)
S	ASSEMBLY PLANT	FACTORY USA (RV, MACK)
	VEHICLE USE & BODY/TRAILER TYPE	VACUUM TRUCK
	VEHICLE VOCATION	PICKUP & DELIVERY / SHORT HAUL SERVICE
S	CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	TYPE OF SERVICE	COMMERCIAL
	INTENDED REGISTRATION LOCATION	MISSOURI
S	WARRANTY REGISTRATION LOCATION	USA - WARRANTY REGISTRATION LOCATION
	EMISSION WARRANTY CERTIFICATION	EPA (only) Cummins Diesel
S	INITIAL REGISTRATION LOCATION	USA REGISTRATION
S	LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
S	OPERATING TERRAIN GRADE CONDITIONS	CITY, STARTING GRADES<6%
S	LOADING SURFACE FACTOR	ASPHALT LOADING AND / OR UNLOADING SURFACE
S	OPERATING CLASS	OPERATING CLASS 7; 33000lb GVWR

ENGINE & TRANSMISSION		DESCRIPTION
S	EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, USA2016
	ENGINE / MOTOR	ISB6.7-260 DIESEL CUMMINS 260HP @ 2600RPM (GOV) 660 LB-FT, US21
	TRANSMISSION	2500 RDS 6 SP-ALLISON RUGGED DUTY SERIES GEN 6 (WITH PTO PROVISIONS)
S	FUELSENSE CALIBRATION	ALLISON FUELSENSE, NEUTRAL AT STOP
S	TRANSM AUTO NEUTRAL ON P-BRAKE	AUTO NEUTRAL SINGLE INPUT WITH SHIFT SELECTOR OVERRIDE

ENGINE & TRANSMISSION EQUIPMENT		DESCRIPTION
	ENGINE BRAKE TYPE	ENGINE BRAKE
	CRUISE CONTROL	CRUISE CONTROL
S	ALTERNATOR	DELCO 12V 160A (28SI) BRUSH-TYPE
	BATTERY DISCONNECT SWITCH	BATTERY DISCONNECT SWITCH
S	STARTER MOTOR	12 VOLT MELCO STARTER (MITSUBISHI ELECTRIC)
	ENGINE BLOCK HEATER	120 VOLT / 0.75 KW, ENGINE BLOCK HEATER
	POWER TAKE OFF CONTROL	POWER TAKE OFF TRANSMISSION CONTROL, PREP KIT F/SINGLE PTO

AXLE & SUSPENSION		DESCRIPTION
S	FRONT AXLE	12,000LB MERITOR MFS+ 5400 KG
S	SPRINGS - FRONT	MACK TAPERLEAF 12300# (5500 KG) GROUND LOAD RATING
S	FRONT AXLE BRAKES	MERITOR "S" CAM TYPE 16.5" x 5" Q+
S	PARKING BRAKE VALVE	PARKING BRAKE VALVE, 1 YELLOW KNOB, ALL PARKING
S	ANTILOCK BRAKE SYSTEM	BENDIX WITHOUT TRACTION CONTROL 4S4M
	REAR AXLE - SINGLE	21000# (9525 kg) MERITOR MS-21-14X, (W/ DIFF LOCK) CASING 11.0mm
S	REAR SUSPENSION - SINGLE	21000# (9525kg) MULTILEAF
	SUSPENSION LEVELLING DEVICE (CA in PC29 only)	WITHOUT SUSPENSION LEVELLING DEVICE
S	BRAKES - REAR	MERITOR "S" CAM 16.5"x7" Q+
S	REAR AXLE RATIO	RATIO 5.57, REAR AXLE

# TECHNICAL SPECIFICATION (cont.)



CHASSIS EQUIPMENT		DESCRIPTION
S	DPF DIESEL PARTICULATE FILTER	CUMMINS SINGLE MODULE E.A.T.S. RH SIDE UNDER CAB US17 (7L up to 270HP only!!)
S	EXHAUST	UNDERFRAME RIGHT SIDE INBOARD MOUNTED (Diesel engines only)

FRAME EQUIPMENT & FUEL TANKS		DESCRIPTION
	WHEELBASE	206" Wheelbase (143" CA) 65" After-frame
S	FRAME RAILS	STEEL - 260MM X 70MM X 8MM -- (10.24" X 2.75" X 0.31" ); RBM 1,580,000 LB-IN
S	PRIMARY FUEL FILTER	FUEL FILTER & WATER SEPARATOR (Diesel engines only)
S	FUEL TANK - LH	50 GALLON (190 L) 22" ALUMINUM ROUND

CAB INTERIOR		DESCRIPTION
S	SPEEDOMETER -&- GAUGES - UNIT(s) OF MEASURE	U.S. UNITS (PREDOMINANT)
S	BACK-UP ALARM	WITHOUT BACK-UP ALARM
S	AIR RESTRICTION INDICATOR	MECHANICAL, GRADUATED, ON FILTER
S	DAYTIME RUNNING LIGHTS	DRL WHEN ENGINE RUNNING & PARK BRAKE OFF
S	FIRE EXTINGUISHER	HAND FIRE EXTINGUISHER 2.2 KG (5LB) ENGLISH DECAL, ABC
	WARNING TRIANGLE	THREE WARNING TRIANGLES
S	AUDIO SYSTEM	RADIO, AM/FM, MP3, WEATHER BAND
S	AUDIO INTEGRAT. PHONE HANDSFRE	AUDIO INTEGRATED HANDSFREE PHONE, BLUETOOTH
S	AUDIO COMMUNICATION CONNECTOR	AUDIO COMMUNICATION CONNECTOR, USB AUDIO
S	COMMUNICATION EQUIPMENT	FACTORY INSTALLED GEOTAB FLEET MANAGEMENT SYSTEM
S	DRIVER SEAT	MACK DRIVERS SEAT, AIR SUSPENDED
S	DRIVERS SEAT UPHOLSTERY	DRIVERS SEAT UPHOLSTERY, VINYL
S	PASSENGER SEAT	FIXED PASSENGER SEAT
S	PASSENGERS SEAT UPHOLSTRY	PASSENGERS SEAT UPHOLSTERY, VINYL
S	SEAT BELT(S)	ALL SEAT BELTS, BLACK

CAB EXTERIOR		DESCRIPTION
S	HEADLAMPS	HEADLAMP TYPE, HALOGEN
	HOOD RADIATOR GRILLE, FINISH	HOOD RADIATOR GRILLE FINISH, BRIGHT CHROME
	FRONT BUMPER FINISH	FRONT BUMPER FINISH BRIGHT
	MIRRORS - EXTERIOR	HEATED AND MOTORIZED MIRRORS BOTH SIDES, CHROME (Bulldog mirror)

WHEELS & TIRES		DESCRIPTION
	TIRES BRAND/TYPE - FRONT	11R22.5 H BRIDGESTONE R268 ECOPIA (13220 lbs) (Total for QTY = 2)
	WHEELS - FRONT	22.5x8.25 ACCURIDE, 43644x POLISHED ALUMINUM DISC (Total for QTY = 2)
	FRONT AXLE TIRE & WHEEL QUANTITY	TWO FRONT TIRES & WHEELS
	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M760 ECOPIA (23360 lbs) (DRIVE ONLY) (Total for QTY = 4)
	WHEELS - REAR	22.5x8.25 ACCURIDE, 43644x POLISHED ALUMINUM DISC (Total for QTY = 4)
	REAR AXLE TIRE & WHEEL QUANTITY	FOUR REAR AXLE TIRES & WHEELS

PAINT		DESCRIPTION
S	PAINT TYPE	SOLID PAINT
S	PAINT COLOR - FIRST COLOR	GLACIER WHITE; P3029

# TECHNICAL SPECIFICATION *(cont.)*

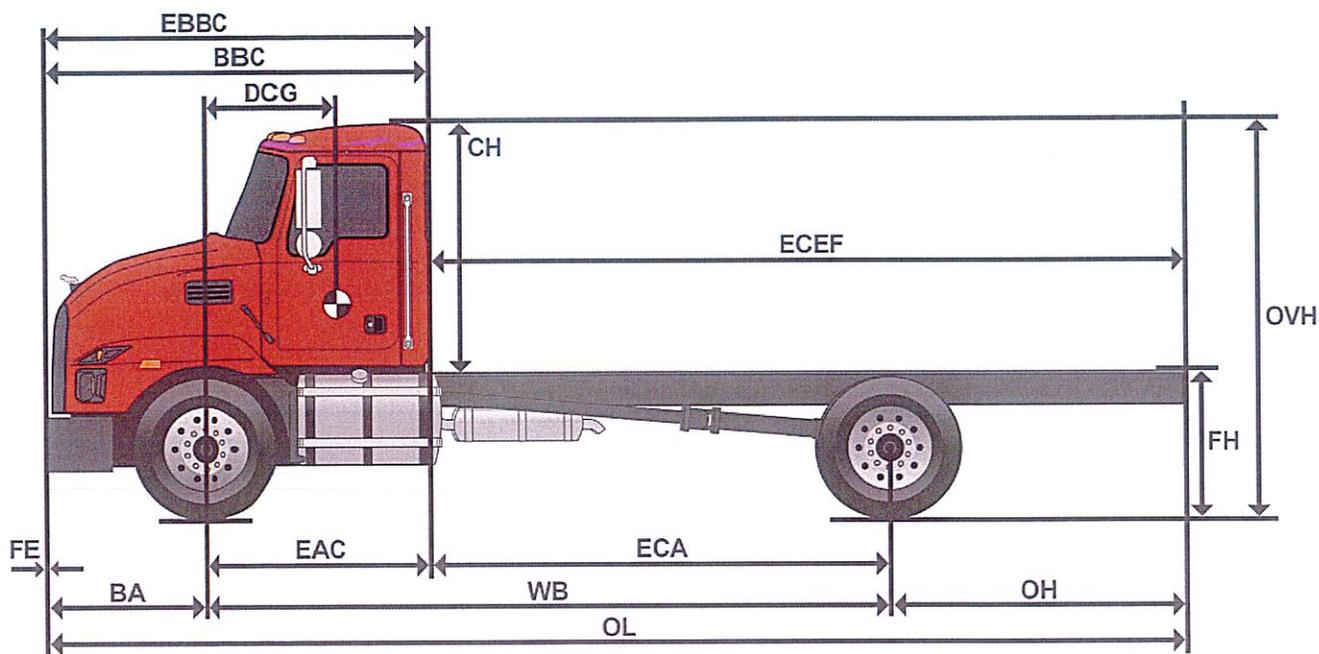


BASE WARRANTY & PURCHASED COVERAGES		DESCRIPTION
S	ENGINE TOWING WARRANTY	CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended Coverage Details)
S	VEHICLE WARRANTY TYPE	NORMAL DUTY WARRANTY CLASSIFICATION
S	BASIC CHASSIS COVERAGE	CHASSIS PLAN 24 MO/UNLIMITED MI NORMAL DUTY PROTECTION PLAN
S	ENGINE WARRANTY	CUMMINS ENGINES B6.7 (Contact Cummins for Standard Warranty and Extended Coverage Details)
S	EMISSION COMPONENT COVERAGE	CUMMINS ENGINES (Contact Cummins for Standard Warranty and Extended Coverage Details)
S	TRANSMISSION WARRANTY	ALLISON TRANSMISSIONS (Contact Allison Transmission for standard warranty and extended coverage data)
S	AIR CONDITIONING WARRANTY	AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 24 MONTHS UNLIMITED MILEAGE
S	CHASSIS TOWING WARRANTY	STANDARD CHASSIS TOWING 90 DAYS OR 5,000 MILES

SERVICES		DESCRIPTION
S	MACK ONECALL AND ASIST	MACK ONECALL AND ASIST - 12 MONTH
S	PARTNERED SERVICES	GEOTAB FOR MACK TRUCKS - 12 MONTH

**VEHICLE SPECIFICATION/CALCULATED PERFORMANCE SUMMARY**

Description	Dwg Ref	Length	UOM
Front Frame Extension	FE	0.0	INCHES
Bumper to Front Axle	BA	40.0	INCHES
Eff. Bumper to Front Axle	N/A	40.0	INCHES
Wheelbase	WB	206.1	INCHES
Rear Overhang	OH	65.0	INCHES
Overall Length	OL	311.1	INCHES
Bumper to Back of Cab	BBC	103.0	INCHES
Eff. Bumper to Back of Cab	EBBC	103.0	INCHES
Eff. Cab to Rear Axle	ECA	143.1	INCHES
Eff. Front Axle to Back of Cab	EAC	63.0	INCHES
Eff. Cab to End of Frame	ECEF	208.1	INCHES
Unladen Frame Height	FH	40.9	INCHES
Cab Height	CH	69.1	INCHES
Overall Height	OVH	110.0	INCHES
Driver CG	DCG	59.1	INCHES



## Appendix 2: Title Information

# Coe Equipment Inc.

## Delivery Information

Please complete this form and return it with your signed proposal. Questions? Call Brittany at 217-498-7200.

### Billing Information:

Name: \_\_\_\_\_ *Who is the best person to contact regarding billing?*  
Street: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
City: \_\_\_\_\_ Contact Phone: \_\_\_\_\_  
State: \_\_\_\_\_ Contact Email: \_\_\_\_\_  
Zip: \_\_\_\_\_

### Title Information:

Name: \_\_\_\_\_ *Who is the best person to contact regarding title work?*  
Street: \_\_\_\_\_ Contact Name: \_\_\_\_\_  
City: \_\_\_\_\_ Contact Phone: \_\_\_\_\_  
State: \_\_\_\_\_ Contact Email: \_\_\_\_\_  
Zip: \_\_\_\_\_