

CITY OF NORTH ROYALTON

Consolidated Sanitary Sewer District



Phone: 440-237-5010
Facsimile: 440-582-9281

11675 Royalton Road
North Royalton, Ohio 44133

To: Members of City Council

Re: One Ton Dump Truck and Box Truck

Date: 4/5/2022

Dear Council Members;

I am recommending the following purchases for the Wastewater Department for the continuing production of our Storm Water Department. The purchase of a 1 Ton Dump Truck and Box Truck will allow our Storm Water Department to continue with the productivity it has established. Our current Box Truck is over 17 years old and it can be sold on Government Deals in the future. The trucks will help our department to continue to clean storm sewers and hauling of material and equipment, personnel as needed daily. The trucks were already in this year's budget, Truck Cost \$181,171.00.

Respectfully,

Mark A. Smith
Wastewater Superintendent
City of North Royalton
Consolidated Sanitary Sewer District

Prepared for:
John Simon
NORTH ROYALTON CITY OF
14600 STATE RD

NORTH ROYALTON, OH 44133
Phone: 440-336-5377

Freightliner Custom Chassis Corporation

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

A proposal for
NORTH ROYALTON CITY OF

Prepared by
CLEVELAND FREIGHTLINER, INC.
Greg Simonic

Mar 15, 2022

Freightliner M2-106 Custom Chassis Corp MT55G



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

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| Data Code | Description | Weight Front | Weight Rear |
|-----------------------------------------|-----------------------------------------------------------------------------------------------|-----------------|----------------|
| AF3-015 | MORGAN OLSON | | |
| Engine | | | |
| 101-3C9 | GM L8T 6.6L GASOLINE 380HP @ 4500 RPM PEAK 465LB/FT@4000 RPM PEAK 4500 GOV RPM | | |
| Engine Controls & Parameters | | | |
| 162-998 | NO IDLE LIMITER, ELECTRONIC ENGINE | | |
| 99D-010 | NO 2008 CARB EMISSION CERTIFICATION | | |
| 79A-075 | 75 MPH ROAD SPEED LIMIT | | |
| 79K-009 | PTO MODE ENGINE RPM LIMIT - 1200 RPM | | |
| 79M-002 | PTO MODE BRK OVERRIDE-SVC BRK APPLIED OR PARK BRK NOT APPLIED | | |
| 79P-009 | PTO RPM W/CRUISE SET SW - 1200 RPM | | |
| 79Q-009 | PTO RPM W/CRUISE RESUME SW - 1200 RPM | | |
| 79S-009 | PTO MODE CANCEL VEHICLE SPEED - 0 MPH | | |
| Engine Equipment | | | |
| 266-1A5 | 690 SQ-IN DOWNFLOW RADIATOR MOUNTED IN FRONT | | |
| 105-020 | ENGINE OIL CHECK MOUNTED ON RADIATOR AND OIL FILL IN VALVE COVER | | |
| 111-004 | 5W-30 WEIGHT ENGINE OIL | | |
| 190-055 | POWER CORE FLAT PANEL AIR CLEANER | | |
| 188-001 | FRONTAL AIR INTAKE | | |
| 189-013 | AIR INTAKE PIPING - UNIFIED- CLEANER TO ENGINE | | |
| 192-003 | AIR CLEANER MOUNTED ON RAIL | | |
| 124-122 | GM 12V 170 AMP ALTERNATOR | | |
| 292-027 | (2) ALLIANCE MODEL 931, GROUP 31, 12V MAINTENANCE FREE 1300 CCA THREADED STUD BATTERIES | | |
| 290-1CV | BATTERY BOX MOUNTED RIGHT HAND WITH BATTERIES PERPENDICULAR TO FRAME RAIL | | |
| 291-006 | FRAME GROUND RETURN, BATTERY CABLES WITH EYELET CONNECTORS | | |
| 293-998 | NO BATTERY SHUTOFF SWITCH | | |
| 152-040 | ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM | | |
| 28F-010 | ENGINE AFTERTREATMENT WIRING, OXYGEN SENSOR | | |
| 234-004 | SINGLE HORIZONTAL MUFFLER | | |
| 235-010 | HORIZONTAL MUFFLER INBOARD MOUNTED | | |
| 23U-998 | NO DIESEL EXHAUST FLUID TANK | | |
| 35W-998 | NO EXHAUST DIFFUSER | | |



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|----------------------------------|-----------------------------------------------------------------------|-----------------|----------------|
| 418-030 | CONMET IRON FRONT HUBS | | |
| 409-010 | FRONT GREASE SEAL | | |
| 408-003 | UNVENTED FRONT HUB CAPS - GREASE | | |
| 40T-007 | LITHIUM GREASE FRONT AXLE LUBRICANT | | |
| 416-022 | STANDARD SPINDLE NUTS FOR ALL AXLES | | |
| 618-002 | STANDARD CUPS AND CONES (WHEEL BEARINGS) FRONT AND REAR | | |
| 536-011 | TRW TAS 55 POWER STEERING | | |
| 534-001 | 2 QUART POWER STEERING RESERVOIR | | |
| 533-001 | OIL/AIR POWER STEERING COOLER | | |
| Front Suspension | | | |
| 620-032 | 8,000# TAPERLEAF FRONT SUSPENSION | | |
| 619-005 | MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION | | |
| 629-998 | NO FRONT SWAYBAR | | |
| 410-017 | SACHS FRONT SHOCK ABSORBERS | | |
| Rear Axle & Equipment | | | |
| 420-1CY | DA-RS-15.0-2 15,000# F-SERIES SINGLE REAR AXLE | | |
| 421-513 | 5.13 REAR AXLE RATIO | | |
| 424-001 | IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING | | |
| 386-054 | SPL70 DANA SPICER MAIN DRIVELINE WITH HALF ROUND YOKES | | |
| 41T-001 | ORGANIC SAE 80/90 REAR AXLE LUBE | | |
| 393-002 | TRANSMISSION AND REAR AXLE DRIVELINE GUARD | | |
| 423-054 | BOSCH HYDRAULIC PIN-SLIDE DISC REAR BRAKES | | |
| 433-002 | NON-ASBESTOS REAR BRAKE LINING | | |
| 451-005 | REAR DISC BRAKE ROTORS | | |
| 425-002 | REAR BRAKE DUST SHIELDS | | |
| 440-006 | REAR OIL SEALS | | |
| 435-012 | TRANSMISSION MOUNTED DRUM PARK BRAKE WITH DUST SHIELD | | |
| Rear Suspension | | | |
| 622-081 | 15,000# TAPERLEAF SPRING REAR SUSPENSION LOW PROFILE WITH RADIUS LEAF | | |
| 621-001 | SPRING SUSPENSION - NO AXLE SPACERS | | |
| 439-017 | SACHS REAR SHOCK ABSORBERS | | |
| Tag Axle & Equipment | | | |



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| Data Code | Description | Weight Front | Weight Rear |
|-----------|-------------------------------------------------------------------|-----------------|----------------|
| 50T-010 | HALF MOON 4 PILOT WHEELCOVER | | |
| 505-1H2 | ALCOA 76542X 19.5X6.75 8-HUB PILOT 8-HAND ALUMINUM REAR WHEELS | | |
| 525-001 | POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY | | |
| 498-049 | FREIGHTLINER VALVE STEMS | | |

Cab Exterior

| | |
|---------|------------------------------------------------|
| 829-998 | NO CAB SIZE |
| 820-001 | OPERATOR STATION (CONTROL SUPPORT) |
| 652-039 | FREIGHTLINER CUSTOM CHASSIS FRONT NAMEPLATE |
| 726-001 | SINGLE ELECTRIC HORN |
| 657-027 | IGNITION KEY ONLY |
| 30B-009 | INCANDESCENT BODY MTD MARKER LAMPS |
| 311-001 | DAYTIME RUNNING LIGHTS |
| 335-001 | CHASSIS POWER DISTRIBUTION MODULE (CPDM) |

Cab Interior

| | |
|---------|-----------------------------------------------------------|
| 130-055 | (1)DENSO HD & (1)VALEO TM-16 REFRIGERANT COMPRESSORS |
| 685-995 | FCCC PARTIAL AC SYSTEM,FCCC CERTIFIED PER AGREEMENT |
| 698-001 | RADIATOR MOUNTED AIR CONDITIONER CONDENSER |
| 70B-001 | HVAC WIRING PROV LOC INSIDE CAB |
| 170-021 | 5/8" X 10FT HEATER PLUMBING HOSE |
| 285-005 | AUTO SELF-RESET CIRCUIT BREAKERS AND FUSES |
| 877-002 | STANDARD BRAKE WIRING |
| 9EE-006 | FCCC 667 ELECTRICAL ARCHITECTURE |
| 532-045 | ZF STRAIGHT FIXED GLOBAL STEERING COLUMN |
| 540-044 | 4-SPOKE 18" (450MM) BLACK STEERING WHEEL WITH SWITCHES |

Instruments & Controls

| | |
|---------|---------------------------------------------------------------------------|
| 83H-001 | GREEN GAUGE BACKLIGHTING |
| 83K-001 | ENGLISH UNITS MAJOR SCALE |
| 83L-005 | DIGITAL ODOMETER IN DRIVER DISPLAY |
| 811-045 | OPTIVIEW 12.3" LCD |
| 810-062 | DIGITAL SPEEDOMETER IN DRIVER DISPLAY CONFIGURABLE TO MPH OR KPH SCALE |
| 852-003 | ELECTRIC ENGINE OIL PRESSURE GAUGE W/WARNING LAMP AND ALARM |



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WAL-233 AXLE: NON-DETROIT SINGLE REAR ONLY: MDEXTREME 5
YEARS/100,000 MILES/161,000 K
WAN-025 EXT BASIC CHASSIS: FCCC: 5 YEARS/ 100000 MILES/ 161000
KILOMETERS



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| | | |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------|---|
| | RIGHT-HAND DOOR POCKET, 1.5" LOWERED STEP | 1 |
| | LEFT-HAND DOOR POCKET, 1.5" LOWERED STEP | 1 |
| | BRONZE SIDE DOOR STRIKER | 2 |
| | SIDE DOOR LOWER PANEL, ALUMINUM, ROADSIDE OR CURBSIDE | 2 |
| SEATS | HIGH BACK DRIVER BUCKET SEAT FROM SEATS INC., BLACK VINYL, NO ARMS, INTEGRATED 3 POINT HARNESS, AND LUMBAR SUPPORT. | 1 |
| | NON-TILT SEAT SOCKET | 1 |
| | SEAT BELT, BLACK | 1 |
| | BLACK SEAT BELT FOR BULKHEAD MOUNTED JUMPSEAT | 1 |
| | JUMP SEAT STIFFENER MOUNTED TO BULKHEAD. | 1 |
| | JUMP SEAT, BULKHEAD MOUNTED, BLACK VINYL | 1 |
| ROOF | OUTER ROOF SKIN ALUMINUM | 1 |
| WINDSHIELD | ROOF NOSING | 1 |
| ROOF | ROOF LINER EMBOSSED ALUMINUM AND 1 INCH FIBERGLASS INSULATION | 1 |
| | EMBOSSED ALUMINUM CAB ROOF LINER WITH 1 INCH FIBERGLASS INSULATION | 1 |
| WIRING | ROOF WIRING | 1 |
| ROOF/INTERIOR LIGHTS/ VENTS | 18 INCH RECTANGULAR LED CAB DOME LAMP INSTALL WITH SWITCH ON VP (OPTRONICS) | 1 |
| | ***Locate cab dome lamp centered in cab ceiling*** | 1 |
| | DOME LAMP LED 18" RECTANGULAR IN LOAD SPACE RECESSED MOUNTED.(OPTRONICS) | 2 |
| | ***Locate at C1, C3*** | 1 |
| INTERIOR CAB | SWITCH MOUNTED ON DASH FOR CARGO AREA DOME LAMPS | 1 |
| BUMPERS | HANGER PLATE INSTALL FOR REAR BUMPER. | 1 |
| FLOOR | FORWARD FLOOR, SMOOTH ALUMINUM | 1 |
| | MID FLOOR, SMOOTH ALUMINUM, 44" X 10" WHEELBOXES | 1 |
| | REAR FLOOR, SMOOTH ALUMINUM | 1 |
| LABOR | CARGO FLOOR WELDING SPECIFICATION DRAWING | 1 |
| FLOOR | FUEL-SENDER ACCESS DOOR WITH DZUS LATCH | 1 |
| LABOR | TIE DOWN PACKAGE | 1 |
| SIDES | HEAVY-DUTY ALUMINUM FORMED SIDEWALL GUSSET ATTACHED TO LOWER SIDEWALL | 1 |
| HOOD | ALUMINUM HOOD FOR 93 WIDE FREIGHTLINER WITH MODEL 33 RECESSED LIGHTS AND SQUARE HEADLIGHTS. | 1 |
| | GAS SPRING MOUNTING INSTALL 150LBS | 1 |
| | FRONT GRILLE | 1 |
| FENDERS AND MUD FLAPS | BATTERY SPLASH SHIELD | 1 |
| | SPLASH PAN INSTALL | 1 |
| | SPLASH PAN INSTALL, BLACK VINYL | 1 |

Quotation Number: Q-015989-2

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Data Version PRL-84A.016
N ROYALTON STEP VAN



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| | | |
|-----------------------|----------------------------------------------------------------------------------------------|---|
| | REAR WIRE INSTALL RAN THROUGH ROOF. | 1 |
| EXTERIOR LIGHTING | LED FRONT PARK/TURN LAMPS | 1 |
| | HOOD MARKER LIGHTS, AMBER LED | 2 |
| | FRONT MARKER AND CLEARANCE LAMPS, AMBER LED | 4 |
| | REAR SIDE MARKER LAMPS, RED LED | 2 |
| | REAR MARKER AND CLEARANCE LAMPS, RED LED | 5 |
| | AMBER LED STROBE LAMP, MAXXIMA | 1 |
| INTERIOR CAB | BLACK TINTED PLASTIC SUN VISOR | 2 |
| | ACOUSTICAL INSULATION PACKAGE WITH SMOOTH ALUMINUM TRIM PIECES | 1 |
| CAB | SMOOTH ALUMINUM CAB FLOOR PLATE | 1 |
| | ENGINE BOX LID WITH SIDE-MOUNT LATCHES | 1 |
| INTERIOR CAB | JENSON HEAVY DUTY AM/FM RADIO WITH WEATHERBAND AND AUXILIARY INPUT. | 1 |
| | CONVENIENCE CENTER MOUNTED TO THE ENGINE BOX, INCLUDES TWO CUP HOLDERS, A CLIPBOARD | 1 |
| | HOLDER AND MISCELLANEOUS STORAGE | |
| | 2-SPEED HIGH-MOUNT FAN WITH ROCKER SWITCH ON DASH | 1 |
| | ***Locate centered on wiper bracket or cover, or centered under cab trays or compartments*** | 1 |
| | WIPER MOTOR COVER PLATE, ALUMINUM COVER PLATE WITH ACCESS DOOR TO WIPER MOTOR ABOVE THE | 1 |
| | DRIVER AND A COMPARTMENT WITH DOOR ABOVE THE PASSENGER. | 1 |
| | COCKPIT STYLE INSTRUMENT PANEL | 1 |
| | TWO 12-VOLT POWER POINTS LOCATED IN INSTRUMENT PANEL | 1 |
| | ONE-CUP FOLD-DOWN CUP HOLDER ON LEFT SIDE OF INSTRUMENT PANEL | 1 |
| | SAFETY TREAD OVERLAY IN PASSENGER'S STEPPING AREA. | 1 |
| | SAFETY TREAD OVERLAY IN DRIVER'S STEPPING AREA. | 1 |
| CAB | SMOOTH ALUMINUM CAB STEPS WITH BATTERY ACCESS ON PASSENGER SIDE | 1 |
| SIDES | STIFFENERS ON SIDEWALLS, 1.5 ALUMINUM HAT SECTION ON 24 INCH CENTERS | 1 |
| | ***Sidewall stiffeners on 24" centers*** | 1 |
| PAINT | EXTERIOR BODY PAINT - AXALTA PRIMER, AXALTA TOP COAT | 1 |
| | Silver Metallic | 1 |
| | PAINT FRONT BUMPER | 1 |
| | ***Paint front bumper Black N0001H*** | 1 |
| | PAINT REAR BUMPER | 1 |
| | ***Paint front bumper Black N0001H*** | 1 |
| HEAT/AIR CONDITIONING | 10 FEET EXTRA HEATER HOSE | 1 |
| | AIR CONDITIONING FARM OUT | 1 |
| | 29.7K BTU PRIMARY ELECTRIC HEATER WITH AIR CONDITIONING AND FILTER | 1 |
| SAFETY EQUIPMENT | GRAB HANDLE, 18 INCHES LONG | 4 |
| | ***Locate curbside rear door 60 inches on center from ground*** | 1 |
| | ***Locate roadside rear door 60" on center from ground*** | 1 |
| | ***Locate at roadside door exterior 60 inches on center from ground*** | 1 |
| | ***Locate curbside door exterior 60 inches on center from ground*** | 1 |
| LABOR | COLLECT GROUP LEADER LABOR. | 1 |
| | FAB IN CELL SIDE CART LOADING | 1 |

Quotation Number: Q-015969-2

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N ROYALTON STEP VAN



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Q U O T A T I O N

MT55G FRONT GASOLINE ENGINE WALK-IN VAN CHASSIS

SET-FORWARD FRONT AXLE CHASSIS
GM L8T 6.6L GASOLINE 380HP @ 4500 RPM PEAK
465LB/FT@4000 RPM PEAK 4500 GOV RPM
ALLISON 2205 HS AUTOMATIC TRANSMISSION WITH
PARK PAWL, NO PTO PROVISION
DA-RS-15.0-2 15,000# F-SERIES SINGLE REAR AXLE
15,000# TAPERLEAF SPRING REAR SUSPENSION LOW
PROFILE WITH RADIUS LEAF

DA-F-8.0-2 8,000# FC1 68.0 KPI/3.74DROPS SINGLE
FRONT AXLE
8,000# TAPERLEAF FRONT SUSPENSION
NO CAB SIZE
4025MM (158 INCH) WHEELBASE
5/16X2.81X9-1/8 INCH STEEL FRAME
(7.94MMX231.8MM/0.312X9.12 INCH) 80KSI
2225MM (88 INCH) REAR FRAME OVERHANG
NO TAG AXLE

| | | | PER UNIT | | TOTAL |
|---------------------------|----------------------|----|----------|----|--------|
| VEHICLE PRICE | TOTAL # OF UNITS (1) | \$ | 54,437 | \$ | 54,437 |
| EXTENDED WARRANTY | | \$ | 1,545 | \$ | 1,545 |
| DEALER INSTALLED OPTIONS | | \$ | 37,837 | \$ | 37,837 |
| CUSTOMER PRICE BEFORE TAX | | \$ | 93,819 | \$ | 93,819 |

TAXES AND FEES

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

TRADE-IN

| | | | | |
|--------------------|----|-----|----|-----|
| TRADE-IN ALLOWANCE | \$ | (0) | \$ | (0) |
|--------------------|----|-----|----|-----|

| | | | | | |
|-------------|------------------|----|--------|----|--------|
| BALANCE DUE | (LOCAL CURRENCY) | \$ | 93,819 | \$ | 93,819 |
|-------------|------------------|----|--------|----|--------|

COMMENTS:

Base chassis priced under Ohio Department of Transportation contract 118-22 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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