## CONTRACT AWARD

**CK09MERCER2020-15**

ONE (1) 2021 OR NEWER KENWORTH MODEL T370 6X4, STANDARD DAY CAB WITH LUBE BODY (INSTALLED) OR EQUIVALENT FOR USE BY HIGHWAY

### BID OPENING DATE: JULY 30, 2020

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<tr>
<td>NAME OF BIDDER</td>
<td>GABRIELLI KENWORTH OF NJ, LLC</td>
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<tr>
<td>ADDRESS</td>
<td>2306 ROUTE 130N</td>
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<tr>
<td>CITY, STATE, ZIP</td>
<td>DAYTON, NJ 08810</td>
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<tr>
<td>CONTACT</td>
<td>PAUL AVVENTO</td>
</tr>
<tr>
<td>TELEPHONE</td>
<td>732 438 5740</td>
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<tr>
<td>FAX</td>
<td>732 438 0739</td>
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<tr>
<td>E-MAIL</td>
<td><a href="mailto:CKEIM@GABRIELLETRUCK.COM">CKEIM@GABRIELLETRUCK.COM</a></td>
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**UNIT COST FOR ONE (1) 2021 OR NEWER KENWORTH MODEL T370 6X4, STANDARD DAY CAB WITH LUBE BODY (INSTALLED)**

$318,695.00

<table>
<thead>
<tr>
<th>MANUFACTURER</th>
<th>KENWORTH / MAINTAINER</th>
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<tr>
<td>MODEL</td>
<td>T370 6X4 / LUBE BODY</td>
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<td>YEAR</td>
<td>2021</td>
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<td>DELIVERY DATE</td>
<td>450 DAYS AFTER RECEIPT OF ORDER</td>
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AWARD OF BID RECEIVED JULY 30, 2020 TO GABRIELLI KENWORTH OF NJ, LLC FOR ONE (1) 2021 OR NEWER KENWORTH MODEL T370 6X4, STANDARD DAY CAB WITH LUBE BODY (INSTALLED) FOR THE MERCER COUNTY HIGHWAY DIVISION AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM. PERIOD: AUGUST 24, 2020 THROUGH AUGUST 25, 2021. TOTAL AMOUNT NOT TO EXCEED $318,695.00 (CK09MERCER2020-15)

WHEREAS, the Mercer County Purchasing Department advertised for bids for one (1) 2021 or newer Kenworth Model T370 6x4, Standard Day Cab with Lube Body (installed) for use by the Mercer County Highway Division and the Mercer County Cooperative Contract Purchasing System for the period of August 24, 2020 through August 25, 2021, as authorized by Resolution No. 2018-89, adopted February 8, 2018; and,

WHEREAS, two (2) sealed bids were received on July 30, 2020 in connection with the aforementioned procurement; and,

WHEREAS, the bidder hereinafter designated is the lowest qualified bidder; and,

Clerk to the Board

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X—Indicates Vote Abs.—Absent N.V.—Not Voting Res.—Resolution Moved Sec.—Resolution Seconded
WHEREAS, the bid received from Gabrielli Kenworth of NJ, LLC, 2306 Route 130N, Dayton, NJ, 08810, meets the specifications and shall be awarded for one (1) 2021 or newer Kenworth Model T370 6x4, Standard Day Cab with Lube Body (Installed) for use by the Mercer County Highway Division for a period of August 24, 2020 through August 25, 2021, in an amount not to exceed $318,695.00; and,

WHEREAS, the Chief Financial Officer of Mercer County has certified in writing the availability of funds for the purposes set forth in this Resolution; said certification is on file with the Clerk to the Board, now, therefore,

BE IT RESOLVED, that the County Executive and Clerk to the Board be and are hereby authorized to execute said contracts when presented in a form approved by County Counsel; and,

BE IT FURTHER RESOLVED, that the Clerk to the Board shall forward a copy of this Resolution to the Mercer County Department of Transportation and Infrastructure, Highway Division, and the Mercer County Purchasing Department for further distribution.

[Signature]
Clerk to the Board
SPECIFICATIONS TO PROVIDE ONE (1) 2021 OR NEWER KENWORTH MODEL T370 6x4, STANDARD DAY CAB WITH LUBE BODY (INSTALLED) OR EQUIVALENT FOR USE BY HIGHWAY FOR A PERIOD OF ONE (1) YEAR

INTENT
The County of Mercer requests bids for One (1) 2021 or Newer Kenworth Model T370 6x4, Standard Day Cab with Lube Body (Installed) or Equivalent for use by Highway. The County requests the bid price to be held for one year. Bids shall be for new, current year production equipment. Demonstrator, used or lessor model equipment will not be accepted. All references to brand name shall be interpreted as brand name or equivalent. All questions shall be directed to the department of Purchasing; please email all questions to smceachem@mercercounty.org by March 10th, 2020.

EXCEPTIONS
If bidding an equivalent manufacturer, provide the manufacturer’s published literature and list all exceptions with descriptions of each exception.

A certificate of origin will be provided with the equipment upon delivery. Any questions regarding the bid must be directed to purchasing.

Upon delivery, vendors must provide set-up, operating training by an authorized manufacturer’s representative and two sets of training manuals. All equipment shall include standard safety features.

As this is a cooperative bid, the awarded vendor(s) may provide the equipment herein bid upon to local governmental contracting units located within the County of Mercer without substitution or deviation from specifications, size, features, quality, price or availability as herein set forth. It is understood that orders will be placed directly by the contracting units, subject to the terms of the contract to be awarded by the County of Mercer, and that no additional service or delivery charges will be allowed. References to brand names shall be interpreted as brand or equivalent.

All equipment shall be delivered F.O.B destination with delivery charge included, within 60 days from receipt of purchase order. All equipment shall be delivered as stated above with to the Mercer County Highway Division at 300 Scotch Road, West Trenton, NJ 08628.

WARRANTY
The awarded vendor shall provide the warranty as stated in the specifications.

AWARDED CONTRACTOR SHALL PROVIDE OPERATING TRAINING BY AN AUTHORIZED MANUFACTURER’S REPRESENTATIVE UPON DELIVERY OF EQUIPMENT. VENDORS MUST SPECIFY THE MANUFACTURER’S CUT-OFF DATE.

VENDOR WILL HOLD PRICING FIRM FOR ONE YEAR
YES ☐ NO ☐
The unit shall be new and of the latest design and in current production at the time of the submission of this bid. The Chassis manufacturer, whose equipment or products are bid shall have an authorized service, warranty and parts distribution facility located with 25 miles of Mercer County Department of Public Works facility located at 300 Scotch Road West Trenton, New Jersey 08628. All subcontractors installing equipment for components must also be an authorized distributor for that equipment for the purpose of warranty, parts and service.

**CHASSIS CAB SPECIFICATIONS:** Kenworth T370 6x4, Standard Day Cab, Chassis Factory built Aluminum and Fiberglass construction. All Standard and optional equipment listed shall be original equipment manufacturers (OEM) items when available.

**DIMENSIONS**
- Wheelbase: 238"
- Cab to Trunnion: 170"
- After Frame: 63"
- GVWR: 70,000 Lbs.
- Front Axle to Back of Cab: 68"
- Bumper to back of cab: 108"
- Cab Width: 72"
- Bottom flange of frame to top of cab: 78"

Comply Exactly: Yes_____ No_____
Exceptions:___________________________________________________________________
______________________________________________________________________________

**COMPATIBILITY CLAUSE**
The successful vendor shall be responsible to ensure compatibility with equipment components.

Comply Exactly: Yes_____ No_____
Exceptions:___________________________________________________________________
______________________________________________________________________________

**ENGINE**
- In-Line 6-Cylinder 350HP, Minimum torque 1150 lbs. per foot @1400 RPM
- Engine shall include Turbo Exhaust brake, oil cooler and Aluminum flywheel housing
• Alternator: Paccar 160 AMP Brush Type or approved equal
• Batteries: (3) Paccar GP31 WATT or approved equal; mounted Beneath Passenger Seat
• Air Compressor: Cummins 18.7 CFM or approved equal
• Air Cleaner: Dry-Type firewall mounted with restriction indicator
• Fan Hub: Horton 2-Speed
• Cooling Module: Minimum 1000 Square inches surge tank to be metal
• Exhaust: 2017 EPA Compliant, Mounted RH side under cab to include DPF/SCR with Vertical tailpipe
• Fuel Filter: Fleetguard FS1003 with 12 volt heat or approved equal
• Engine Block Heater: Paccar 1000 Watt 120 Volt or approved equal, plug mounted on Driver side fender
• Starter/Electrical system: Paccar 12 volt Electrical system with centralized power distribution with plug in style relays, circuit protection, numbered and color coded wires. Paccar 12V starter or approved equal
• Battery disconnect: (1) Located on battery box
• Jump Start terminals: Located under hood
• Retarded: Jacobs 3 way switch
• Body Builder engine connector for body builder

Comply Exactly: Yes_____ No_____ Exceptions:__________________________________________________________

TRANSMISSION
• Transmission: Eaton fuller RTO14908LL 10 Speed or approved equal
• Clutch: Fuller 14 Inch MD Solo 606-1050 lb-ft or approved equal
• Clutch cover: adjustment free, extended grease fitting for clutch bearing
• Synthetic lubricant for transmission
• One bolted centerbearing crossmember
• Driveline-Main: 2 SPL170XL 1 Centerbearing
• Automatic or Automated Manual Transmission will not be accepted
• HD Springs at rear of Transmission for PTO application

Comply Exactly: Yes_____ No_____ Exceptions:__________________________________________________________

EXHAUST AND EMISSIONS
• DPF: Mounted Right-hand side under cab and behind step
• DPF tank cover: Polished aluminum or Stainless Steel not acceptable.
• DPF Smart Switch: “No Inhibit” DPF regeneration switch
- DPF Tank: 11 Gallon minimum mounted passenger side

Comply Exactly: Yes____  No____
Exceptions:________________________

FRONT AXLE
- Front Axle: 20,000 Lb. Capacity Minimum
- Springs: Taperleaf 20,000Lb ground load rating
- Front Brake Dust Shields
- Brakes: 16 ½ x 6” Bendix or approved equal
- Brakes Drums: Cast Drums
- Slack Adjuster: Automatic
- Front shock absorbers
- Steering: Dual Power steering gear 18/20k rated
- Power steering Cooler: Radiator mounted air to oil
- Hubs: Ferrous
- Wheels: Alcoa 88U64 22.5 X 9, aluminum
- Tires: Goodyear Endurance WHA 315/80R22.5
- One (1) spare front tire mounted on matching rim

Comply Exactly: Yes____  No____
Exceptions:________________________

REAR AXLE
- Rear Axle: Dual Meritor MT40x4 Hypoid rear axle with heavy wall housing
- Capacity: 40,000Lb Minimum
- Ratio: 5.29
- Suspension: Tandem Hendrickson Haulmaax 460 46K
- Unladen height: Maximum 10.6 Inch
- Double rebound strap kit: Hendrickson Haulmaax
- Rubber Bolster Bushings
- Rear Brake Dust Shields
- Axle spacing: 54” axle spacing
- Interaxle Driveline: 1 Dana SPL170XL
- Brakes: 16-1/2” x 7” Cam type
- Spring Brake: 3030 High output Dual
- Slack Adjuster: Automatic
- ABS Sensor: 4S/4M for rear wheel end sensors
- Bendix ABS with air traction control
- Wheel Differential: Crosslock for Meritor axles, Driver Controlled
- Wheels: Alcoa 88367 22.5”x8.25”, aluminum
• Tires: Goodyear Armor Max Pro Grade MSD 11R22.5
• One (1) spare rear tire mounted on matching rim

Comply Exactly: Yes____ No____
Exceptions:_________________________________________________________
_____________________________________________________________________

FRAME/WHEELBASE/PLATFORM
• Upfitter to provide proper wheelbase and cab to axle requirements to bidder
• Frame Rails, 10 3/4” x 3 1/2” x .3/8”
• Frame weight: 3.48 lb-in per pair
• Section Modulus: 17.80, RBM 2,132,000 IN -LBS PER RAIL
• Frame Reinforcement: 10 5/8”, 1,190,000LB addition to main rail RBM
• 3,281,000 RBM Frame Strength Minimum
• Front Bumper: Aerodynamic Painted Steel, cab color
• Front Frame Extension: None Required.
• Towing Device: Two removable front tow hooks
• Crossmembers: Center and rear frame, 5 piece assembled with 16mm frame fasteners
• Crossmembers: Back of cab support bolted
• Aluminum under bell crossmember
• Fuel Tank: Left side under cab mounted 56 Gallon minimum, aluminum Tank

Comply Exactly: Yes____ No____
Exceptions:_________________________________________________________
_____________________________________________________________________

AIR BRAKE
• Air Dryer: Bendix ad-is heated puraguard or approved equal
• Air Dryer Location: Outside Passenger side frame
• Air Control valve: Bendix or Equivalent switches and valves
• Drain Valves: Two Bendix DV-2
• Air tanks: Steel, Painted Black
• Bendix or Equivalent Anti-lock braking system with air traction control

Comply Exactly: Yes____ No____
Exceptions:_________________________________________________________
_____________________________________________________________________

CAB
• Cab to be all Aluminum and fiberglass construction.
• Doors to be All aluminum with Stainless Piano Hinge
- Blend air HVAC w/ATC temp regulation built in defroster, 45,000 BTU
- (1) Dome Lamps- Door and switch activated
- Cab mounting: Fixed bolted to cross member
- (5) Assignable body builder dash switches
- Daytime running lights
- Diagnosable bulb fault detection and warning
- Radio: stereo AM/FM, CD player, MP3, Weather Band, Bluetooth
- Power leads for Radio
- Door trim panel: padded vinyl with armrest pad
- Speedometer with trio odometer
- Required gauges: Exhaust Pyrometer, Transmission oil Temperature, manifold pressure, air application, engine coolant temperature, engine oil pressure, engine oil temperature, and voltmeter
- Separate engine hour gauge to be provided
- Engine Tachometer
- Cab door to have bearing blockstop and bottom
- Hood: Slopped aerodynamic with fixed grill
- Adjustable telescoping tilt steering column
- Emergency reflector kit
- Driver side seat: KW Air Cushion plus IB Cloth, 7 in slide adjustment, 7 to 23 degree recline, dual armrest, 2 tone color, carpeted back
- Passenger side seat: KW battery box plus intermediate back, vinyl, dual armrest, seat cushion 19.5, 2 tone color, carpeted back
- Lap and shoulder belt 3 point, orange in color
- Windshield: One piece
- Steering wheel: two spoke, urethane grip
- Windshield washer: 2 speed electronic with intermittent feature
- Windshield reservoir: Plastic under hood mounted
- Electric horn
- (5) Sets of keys
- Air horns: One under cab mounted
- Mirror: Polished Stainless steel, thermostatically controlled 7” x 16” rectangular mirror located on each door
- Mirror: Bright finish, 8” x 4” Convex, rectangular proximity above right hand door
- Sun visor-Interior: Both side Vinyl
- Power Outlets: (1) 12v auxiliary power outlets center dash mounted
- Under Dash Console: (1) 12v power outlet, storage compartment, (1) Lighter, and ashtray
- Power windows. No exceptions
- Power Door Locks. No exceptions
- Instrument Cluster Display: Includes fuel economy, RPM display, trip information, truck information, gear display, alarm clock and truck information
- Headliner and backwall covering to be vinyl
- Self-cancelling turn signal w headlight dimmer switch
• Grab Handle: Left hand with extension over door, stainless steel
• Grab Handle: Right hand with extension over door, stainless steel
• Daylight Door: Left hand/Right hand includes right hand peeper window
• One 17” x 36” stationary rear window
• Two 17.5” x 16” Curved glass corner rear stationary windows.
• Cab to be fastened together via Huck Rivets without use of welding.
• Exterior sun visor: Aerodynamic with integral LED marker lamps, painted cab color

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________________________

ELECTRICAL
• Incandescent tail lamps
• Headlamps: Halogen projector low beam, halogen complex reflector high beam
• Turn Signals: Fender mounted
• Battery box: Interior mounted; Located under passenger seat
• Chassis and power harness with heavy duty casing
• Electrical circuit protection package, all circuit fuse/breaker protected.
• Body builder lighting harness at end of frame
• Marker lights: visor mounted LED

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________________________

PAINT
• Cab Exterior - red Paint Code # L0214EB
• Cab Finish: Urethane clear coat
• Chassis Running Gear: Black (Urethane)

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________________________

SPECIALITY EQUIPMENT
• PTO Control: PTO switch, Telltale, and wiring. NO EXCEPTIONS

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________________________
WARRANTY

- All applicable standard factory warranties shall apply with the additional extended warranties listed
- Extended Engine Warranty: 5YR/100,000 MILES PACCAR PX-7 PLAN 1 EPA 17
- Extended Aftertreatment Warranty: 5 YR/100,000 MILES
- Extended Base Vehicle Warranty: 5 YR/100,000 MILES
- Extended Radiator/CAAC Warranty: 5 YR/100,000 MILES
- Extended HVAC Warranty: 6 YR/100,000 MILES
- Extended Allison Transmission Coverage: 2 YR/UNLIMITED MILES

Comply Exactly: Yes____ No____
Exceptions:______________________________________________________________

BIDDER REQUIREMENTS

- Chassis must meet all EPA Requirements for current model year engines
- Successful bidder shall have NJ State diesel emissions test performed on the truck by a NJ certified NJ state emission center and provide a 2-year sticker. COST SHALL BE INCLUDED IN BID PRICE
- Successful bidder shall perform a federal DOT inspection before truck is delivered
- Successful bidder shall have a factory authorized service center able to perform any and all service claims within 25 Miles of the County public works facility. It shall be the responsibility of the bidder to pick up and return the vehicle in the case of any warranty at their expense. Notification of 2 business days must be given upon a scheduled pick up from the township garage. If the bidder can provide onsite service that is acceptable.
- Bidder to provide a copy of manufacturers MSO to confirm they are an authorized dealer upon request.

Comply Exactly: Yes____ No____
Exceptions:______________________________________________________________

TECHNICAL SUPPORT

- Technical Support is to be provided by factory authorized technical representatives and is to be the original equipment Manufacturers’ industry standard technical presentation in a classroom setting.
- The support provided shall be at the journeyman/equipment technician level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.
• Technical support may be requested in the following areas:
  o Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
  o Transmission – 1 day at each location
  o Electrical – 1 day at each location
  o Brakes – 1 day at each location
  o Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
  o Upfitter (dump body, sweeper, etc.) – 1 day at each location

• A technical representative(s) shall be made available for a total of 180 training/support hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be allowed only with consent of Motor Pool. The total training hours will be required to be provided and no additional compensation will be considered. The actual time to be spent on each area will be by mutual agreement of the Motor Pool and the successful bidder.

• For the purposes of determining materials and other training costs, class size is anticipated to be comprised of six (6) to ten (10) DOT Employees. Actual class size will be determined by the Motor Pool at the time the classes are scheduled.

• Before the training is scheduled, Motor Pool and the contractor will agree on the scope of the training, and the type and quantity of manuals, etc. that are necessary for proper coverage.

• Technical Support for Motor Pool may be provided at the following fleet maintenance facility location as scheduled by a Motor Pool representative:
  o Mercer County, 300 Scotch Rd, Trenton, N.J. (Two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)

• Technical Support for other Departments will be held at a location within Mercer County. The requesting Department will notify the successful bidder of the location.

• Training at the successful bidder’s site, rather than the designated locations, will be by mutual consent only.

• Technical support will be requested and scheduled on an as needed basis up to but not exceeding the 180 hour total during a period not to exceed twelve (12) months from the date of placing the last unit in service.

Comply Exactly: Yes____ No____
Exceptions:___________________________________________________________________
______________________________________________________________________________

DIAGNOSTICS

• Successful bidder will be required to supply one (1) complete set of test/diagnostic/programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment
will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable).

- All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software.
- Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid.
- All software installations and activations will be completed by the successful bidder at no cost to the County.
- All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment.
- All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment.
- Training shall be provided on all items in this section at a County location.
- This equipment shall be the OEM equipment as available by the chassis manufacturer.

Comply Exactly: Yes_____ No_____
Exceptions: ____________________________________________________________

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**LUBE BODY SPECIFICATIONS**

**LUBE BODY**

- The bed frame shall be constructed of 8” tall structural channels (MC 8 18.7lb) with 2”x4” 12 gauge formed cross-members and 2”x4” 3/16” wall, or 4”x4” 3/16” wall structural tubing cross-members where required for structural reinforcement. There shall be a rubber pad bonded to the bottom of the main sills to reduce vibration between chassis and body. The bed shall be mounted with a combination slip / spring design to allow for chassis flexing. Cross Members shall be on a maximum of 12” centers. The bed floor shall be a minimum of 1/8” steel deck plate. The entire compartment shell including top, backs, bottoms, sides and fronts along with any sheet metal shall be constructed with 12-gauge galvanized A60 steel.

- The floors of the vertical compartments shall have two (2) formed reinforcements fabricated directly from side to side for the entire width of the floor.

- Door openings will be equipped with metal backed automotive door seals (stick-on weather stripping is not acceptable). Doors will be constructed from single piece 3/16” Aluminum.

- Doors shall be equipped with stainless steel hinges and studded bolt-on D-ring three-point keyed alike latches. All doors are to be installed in a formed-recessed door opening for protection (flush mount doors are not acceptable). All doors shall be equipped with gas shock door holders to secure the doors in both the fully open and fully closed positions.
• There shall be an aluminum drip rail above all compartment doors. Compartment floors will be equipped with removable drain plugs.
• The body shall be wired and lighted to meet I.C.C. regulations. All wiring shall be enclosed in protective looming. The rear tail, turn and back-up lights shall be L.E.D. rubber mounted recessed lights installed on each outside rear corners of the rear bumper. The marker lights shall be rubber mounted recess type
• I.C.C. Safety Kit: There shall be a 2 1/2 lb fire extinguisher and hazard reflectors shipped in the chassis cab. The body shall be equipped with rear mud flaps.
• 10.25 Feet of steel lube bed w/ ICC recessed LED lights & reflectors, includes 2 rear oval strobes (Buyers SL66CA)
• Includes 1/8" diamond plate deck floor, wheel skirting & mud flaps. Body primed and undercoated
• Multi-leaf or air suspension recommended.
• Street side #1 under-deck compartment (40”W x 25”T x 23”D): Shall be equipped with the following:
  o One interior L.E.D. 12 volt strip light
• Street side #2 under-deck compartment (48”W x 25”T x 23”D): Shall be equipped with the following:
  o One interior L.E.D. 12 volt strip light
• Street side #3 above-deck (40”W x 49”T x 23”D): Shall be equipped with the following:
  o One infinitely adjustable shelf
  o One interior L.E.D. 12 volt strip light
• Curb side #1 under-deck compartment (40”W x 25”T x 23”D): Shall be equipped with the following:
  o One interior L.E.D. 12 volt strip light
• Curb side #2 under-deck compartment (48”W x 25”T x 23”D)
• Curb side #3 above-deck compartment (40”W x 49”T x 23”D): Shall be equipped with the following:
  o One infinitely adjustable shelf
  o One interior L.E.D. 12 volt strip light
• Permanent steps recessed into side of bed, includes grab handles for 3-point contact
• Permanent steps flush on outside of bed, for access to above-deck compartment, etc

Comply Exactly: Yes_____ No_____
Exceptions:___________________________________________________________________
____________________________________________________________________________

COMPARTMENT EQUIPMENT & ACCESSORIES
• Two galvanized above body storage compartment, Includes spatter-coating on compartment interior
• Two Shelf, aluminum adjustable compartment shelf (250 lb. capacity) – Installed
• One Reel Compartment Roll-Up Door, galvanized rear reel compartment, 34" deep with aluminum roll-up access door
• Includes interior switch panel, 1 heavy duty fixed shelf, and a separate pump / filter compartment
• Includes splatter-coating on compartment interior
• Includes rear rubber bumper stops on rear face (1 pair, #018992)

Comply Exactly:  Yes  No  
Exceptions: __________________________

HYDRAULIC POWER PACKAGE
• Closed center LS hydraulic COMPACT-HIGH EFFICIENCY power package, includes air shift PTO
• Includes: pump, oil cooler, 7-13 gallon oil reservoir with in-tank filter, vented fill cap, sight gauge
• Note: Saves 418 lbs. vs. std. power package, cannot be used in apps that require the displacement of oil (cylinder, tool circuit) PTO driveline or adaptor - std. displacement hydraulic pump
• The body manufacturer shall install an electric speed control to run the chassis engine at the proper RPM to operate the hydraulic components

Comply Exactly:  Yes  No  
Exceptions: __________________________

CHASSIS EQUIPMENT AND ACCESSORIES
• Back Up Alarm: There shall be a Grote model 73040, or approved equal, electric back-up alarm installed at the rear of the truck.
• Fire extinguisher - 20 lbs (ABC)
• Hazard Placards: There shall be four (4) flip-type hazard placards installed. One on chassis front bumper, one on rear of body, and two on sides of body (1 each side).
• Mini ICC safety kit - 2 1/2 lb fire ext. ABC, hazard reflectors
• The body manufacturer shall install an electric speed control to run the chassis engine at the proper RPM to operate the hydraulic components
• Rear view camera: there shall be a camera mounted on the rear of the body with a 7” color monitor mounted in the chassis cab. NagyFleet, 7” color monitor, external mount camera with infra-red.
  o Note: monitor mounted to windshield (not on dash)

Comply Exactly:  Yes  No  
Exceptions: __________________________
AIR COMPRESSOR EQUIPMENT & ACCESSORIES

- VMAC Preda tair 40 CFM rotary screw hydraulic driven air compressor w/ white cover (Closed-Center)
- 40 CFM @ 150 psi with 17 gallon air tank (painted black) with moisture drain & integral hydraulic oil cooler.
- Includes control panel, mounted near body’s switch panel
- Note: Hydraulic requirement = 14 gpm (May require large pump kit, not included),
- Cold weather package included (cooler bypass), additional oil warming valve NOT available
- 24”L x 16.5”W x 18”H, 162 lbs
- Air Reel: A spring rewind Hannay air reel with 50’ of 1/2” hose and ball stop shall be on the fixed shelf in the top of the SS rear compartment.
- Regulator: An air filter / regulator / lubricator shall be mounted near the air reel. Die cast aluminum body regulator with polycarbonate bowl, sight glass, 40-micron filter and airline lubricator shall be standard.

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________

LIGHTING/ELECTRICAL EQUIPMENT & ACCESSORIES

- Additional Exterior Lighting: There shall be (6) six 12 volt, exterior LED floodlights - mounted permanently
- Interior Lighting: There will be four 12 volt L.E.D. strip lights mounted vertically along the side of the compartment. The interior lights are to be wired to a “main power” switch located in the chassis cab. Lights are to be capable of 180 degree light output, and shall be rated for a minimum of 50,000 hours of life. The compartment section lists lighting assignments
- Additional tail light (brake light), single, specify location Top of reel compartment
- Strobe Lightheads Low profile L.E.D, rectangular, amber, external mount, Whelen TIR3 3.5”x1.13” (2x-1 ea front corner)
- 012002 for vertical mount applications / 012513 for horizontal mount applications
- Mount front grille
- Strobe Lightheads, L.E.D, oval, amber, recessed, 6.5”x 2.25” (pair) Mount side of body

Comply Exactly: Yes_____ No_____
Exceptions:__________________________________________
PAINTING EQUIPMENT & ACCESSORIES

- **Protective UnderCoating:**
  - The bottoms of compartments, subframe and entire understructure of the body shall be sprayed with a PPG Corashield product to a thickness of 60-120 mil dry.
- **Paint / Primer / Prep:**
  - The unit shall be chemically cleaned with 1105 degreaser, and warm water rinsed. The unit shall be primed with PPG 4940 / 4941 self etching primer, then primed with a PRU 8632 urethane primer to 1.0 - 1.5 dry mils. The topcoat shall be Delta DFHS with 2.0 - 2.5 dry mils. Color shall be Red L0214 to match cab as close as possible (no exceptions).
- **Protective Spray Coating:**
  - The locations listed below shall be coated with a polyurethane liner and / or a soy based polyurea liner that permanently seals out rust and corrosion. Spray coatings shall be applied onto a pre-painted / primed surface only, not a bare surface. (No exceptions).
  - The coating shall be applied with a thickness of 40-60 mils on non-traffic area, and 60-90 mils on traffic surfaces
  - compartment fronts, bottom door frames, outside area around wheel wells, outer vertical outrigger tubes, rear bumper face & step surface. Additional areas to be coated with Protective Spray Covering:
  - Deck platform & steps, above body compartments and reel compartment top, front & interior

Comply Exactly: Yes_____ No_____
Exceptions:___________________________________________________________________
______________________________________________________________________________

PRODUCTS TANKS

- **Split 1000 gallon / 500 gallon Stainless steel oval tank (DOT 406 compliant) NOTE:** comes equipped with (2) sumps, access ladder, (2) manhole fills, no quick fill pockets (no external sight gauge or quick fill coupler) & under tank compartments. (96" wide, 78" tall, 102" long)
- **Certification for DOT 406 Tank (Includes 80% design pressure leak test and inspection by Registered Inspector)**
- **Leak tested to 49CFR 178.345-13**
- **Tank marking to 49CFR 178.345-14**
- **Two Emergency Fuel Shut-off:** There shall be an air operated shut-off valve on the bottom of the fuel tank. This shut-off system shall have a main air valve located in the rear reel compartment with two palm buttons, one on each front corner of the body.
- **Reel, Static discharge reel (3/32" X 50') spring rewind reel**
- **Two fast fill systems pressure-less quick fill system for diesel fuel. Includes pressure-less receiver with cap, shutoff valve and filtered vent. Requires pocket on tank side for quick connect coupler.**
- **Recessed pocket in fuel tank (2" NPT), quick-fill coupler not included**
• Two-Level indicator, electronic, for oval tank (in addition to standard sight gauge) (each)
• Product tanks (under 400 gallons), for oils, water, and diesel are constructed with high yield strength reinforced aluminum sides, baffles, floors, and tops. The tank shall be designed so there are no vertical corner seam welds, and the corners are bent at a 45° angle. All welded tank side seams shall have overlapping joints allow for an exterior and interior weld. Interior baffles shall be provided to reduce product sloshing and add structural strength to the tank shell. The tank shall be fully supported on the bottom with a rubber cushion pad. The mounting angles shall be bolted with springs to accommodate the flex of the vehicle and chassis. Corresponding tanks shall be joined together at the top with rubber isolators. The tank fill shall incorporate a 3-micron moisture trapping filter to reduce contamination and moisture ingestion. The tank shall be equipped with a guarded sight gauge with shut-off valve on the bottom fitting. An in-tank strainer is to be incorporated into the suction line to reduce contamination to the product pump. Tank suction fittings shall be O-ring style to reduce leakage. Included shall be a 1” O-ring fitting on top of tank so optional breather or hi-level can be easily installed. Optional tank fill quick connects are to be recessed into the side of the tank, not protruding from the outside wall.
• 2-60 gallon tanks 1-anti-f, 1-trans
• 1-120 gallon tank, motor oil, & 1-200 evac
• 1-50 gallon stainless steel tank for def
• 1-180 gallon hydraulic tank
• Quick-fill for product tank, remote mounted, includes tank full indicator & label for product type.
• Note: quick-fill coupler not included
• One ATF receiver with cap, Fast Fill R400 (compatible with Wiggins)
• One Coolant receiver with cap, Fast Fill R200 (compatible with Wiggins)
• One Coolant nozzle with plug, Fast Fill N200p (compatible with Wiggins)
• One Hydraulic oil receiver with cap, Fast Fill R300 (compatible with Wiggins)
• One Hydraulic oil nozzle with plug, Fast Fill N300p (compatible with Wiggins)
• One Crankcase oil receiver with cap, Fast Fill R100 (compatible with Wiggins)
• One Crankcase oil nozzle with plug, Fast Fill N100p (compatible with Wiggins)

Comply Exactly: Yes_____ No_____
Exceptions:___________________________________________________________________
____________________________________________________________________________

PRODUCT PUMP KITS
• Three Hydra Kit - Oil Turolla pump (small displ.)
• Up to 7 GPM delivery w/ hydraulic, 10wt or 20wt @ 60 degrees F.
• Up to 4 GPM delivery w/ 30wt, 50wt or 90 wt @ 60 degrees F.
• Hannay 1/2" X 50' spring reel, with rollers & high-flow non-drip rigid dispenser
• One Air Kit - Anti-Freeze, 1:1 ratio Graco piston pump (non-corrosion resistant), 0-10 GPM delivery Includes control valve, regulator & oiler
- Hannay 1/2" x 50' spring rewind reel (non-corrosion resistant), with rollers, high-flow non-drip rigid dispenser
- One Hydra Kit - Fuel, Ranger pump 40-50 GPM delivery. Includes strainer in suction line
- Hannay 1-1/4" x 50' spring rewind reel, with rollers, 1-1/2" dispenser & swivel
- Hydra Kit - gasoline, Vican pump 10-20 GPM delivery. Includes strainer in suction line
- Hannay 3/4" x 45' spring rewind reel, with rollers, 3/4" dispenser & swivel. Requires static discharge reel
- One filter, fuel w/water separator #012796 / dual spin-on elements up to 50GPM. Includes service filter indicator light, compatible with gasoline
- One filter, fuel with water filter #012444 / single spin-on element up to 25GPM. Includes service filter indicator light, compatible with gasoline
- Power rewind reel, ELECTRIC rewind, in lieu of spring rewind. This would be for the fuel and gas reels
- One Meter, Fuel, 10-100 GPM (TCS)
- One Meter, Fuel, 1-50 GPM (compatible with gasoline)
- One air Kit - DEF (corrosion resistant) Wilden P100 diaphragm pump (014511) 0-10 GPM delivery. Includes control valve & regulator
- Piusi 3/4" x 50' spring rewind reel 022231 (corrosion resistant), with rollers, 3/4" SS DEF compatible dispenser
- Includes 12 volt / air type purge system NOTE: Requires stainless steel / composite tank
- One Hydra Kit - Oil Evacuation, Commercial-Shearing pump (large displ.) 1" x 30'
  0-10 GPM delivery w/ hydraulic, 10wt or 20wt @ 60 degrees F.
  0-4 GPM delivery w/ 30wt, 50wt or 90 wt @ 60 degrees F.
- Hannay 1" x 30' spring reel, with rollers, 4-way control & suction screen
- Includes tank full sensor with indicator light, buzzer, pump shut-down, and bypass switch
- 212°F Maximum operating temperature
- One Air Kit - Grease drum 120# (16 gallon) Graco 50:1 pump
- Includes: control valve, regulator & oiler, drum cover, follow plate & tie down
- Hannay 3/8" x 50' spring rewind reel, with rollers, high pressure dispenser with swivel
- One Grease drum hot water heat from chassis, routed down through cover lid
- Includes quick-disconnect fittings on heater hose (012520 / 012521)
- Heater, Tank, hot water heater with screw in element (stainless steel)
- Plumbed to chassis. Not available if plumbing into chassis system on a Ford F350, F450 or F550
- 8,000 BTU for Oils / 14,000 BTU for water & DEF
- Note: Compatible with water, DEF & oil in steel, aluminum or composite tanks
- Heater, Tank, 120 volt coil heater (in tank) for water/ DEF (1000 watt 017913)
- Includes wiring with 120V receptacle for plugging into desired power source (max. 2 heaters per plug)
• 120 volt receptacle for shore power, with ejector and auto-transfer switch. Installed & wired to source
• Note: Transfer switch is rated to 3600 watts, shore power connector is rated to 1800 watts (Limited by 15 amp extension cord and outlet)

Comply Exactly: Yes_____ No_____ Exceptions:___________________________________________________________________
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LUBE EQUIPMENT AND ACCESSORIES
• Used filter bin, bare aluminum, with hinge up lid - stationary mounted, no rollout
• The used-filter bin shall be plumbed into the evac system, to allow for emptying the bin into the evac tank.
• Four Metered Dispenser, Digital w/ rigid extension & non-drip tip (ILOS)
  Compatible with: Oil, Anti-Freeze 12-GPM Note: Graco EM20 dispenser (021969), not compatible with windshield washer fluid
• Two HP filter 6 micron with indicator light, for hydraulic & 10wt oils Filter #012006 & element #012007 NOTE: filter kit includes a remote-mounted “red” indicator light with label
• Two HP filter 20 micron with indicator light for 10w/30, 20wt, 15w/40, 30wt, 40wt, 60wt, eng oil, ATF oils)
• Filter #011986 & element #011987. NOTE: filter kit includes a remote-mounted “red” indicator light with label

Comply Exactly: Yes_____ No_____ Exceptions:___________________________________________________________________
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REAR BUMPER EQUIPMENT & ACCESSORIES
• Lube Body Step Bumper (Steel, Weld-on), 10" step with deck span top
• Step, Bolt-on, flexible sides with stainless steel step #013577 (standard step)

Comply Exactly: Yes_____ No_____ Exceptions:___________________________________________________________________
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DELIVERY
• The units shall receive all pre-delivery preparation at successful vendors facility, prior to final delivery to the county. The successful vendor shall be responsible for final deliveries to the County.
• Each truck must be delivered with a New Jersey motor vehicle new vehicle inspection sticker in place as prescribed by law. Each truck must also be
delivered with a New Jersey Motor Vehicle Commission title, registration and CG plates
• One (1) 55 Gallon Drum of DEF Fluid

Comply Exactly: Yes_____ No_____
Exceptions:______________________________________________________________
______________________________________________________________

WARRANTIES
• Each unit, including all components, delivered must be guaranteed to be free from defects in materials, design and workmanship for a minimum period of One (1) years/unlimited miles/hours from final in-service date, unless standard manufacturer’s warranty is for a longer period of time.
• If warranty service is required on non-Truck Dealer provided equipment, and the warranty facility for the equipment is outside a 60 mile radius of the County’s yard they shall provide pickup and delivery of unit(s) at no charge to the County of Mercer. The successful bidder shall submit copies of the warranty being supplied to the County of Mercer.

Comply Exactly: Yes_____ No_____
Exceptions:______________________________________________________________
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