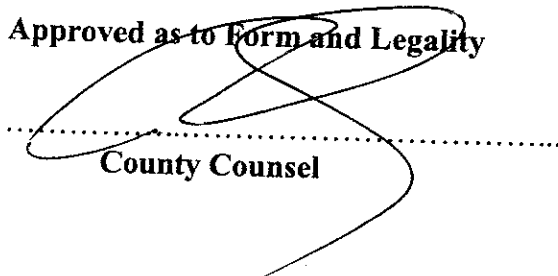


<b>CONTRACT AWARD</b>	
<b>CK09MERCER2020-11ONE (1) 2021 OR NEWER KENWORTH MODEL T370 4X2, STANDARD DAY CAB WITH ROLLBACK TOW BODY WITH ACCESSORIES FOR USE BY MOTOR POOL</b>	
<b>BID OPENING DATE : MARCH 5, 2020</b>	
<b>CONTRACT TERM: MARCH 31, 2020 THROUGH MARCH 30, 2020</b>	
<b>NAME OF BIDDER</b>	GABRIELLI KENWORTH OF NJ, LLC
<b>ADDRESS</b>	2306 ROUTE 130 N
<b>CITY, STATE, ZIP</b>	DAYTON, NJ 08810
<b>CONTACT</b>	PAUL AVVENTO
<b>TELEPHONE</b>	732 438 5740
<b>FAX</b>	732 438 0738
<b>E-MAIL</b>	<a href="mailto:PAVVENTO@GABRIELLITRUCK.COM">PAVVENTO@GABRIELLITRUCK.COM</a>
<b>UNIT COST FOR ONE (1) 2021 OR NEWER KENWORTH MODEL T370 4X2, STANDARD DAY CAB WITH ROLLBACK TOW BODY WITH ACCESSORIES OR EQUIVALENT</b>	<b>\$ 154,827.19</b>
<b>MANUFACTURER</b>	<b>KENWORTH</b>
<b>MODEL</b>	<b>T370</b>
<b>YEAR</b>	<b>2021</b>
<b>DELIVERY DATE</b>	<b>PER BID TERMS</b>
<b>EXCEPTIONS</b>	SEE EXCEPTIONS PAGE
<b>FATAL FLAW</b>	NO

Approved as to Form and Legality

Date

  
 .....  
 County Counsel

May 14, 2020  
 .....

AWARD OF BID RECEIVED MARCH 5, 2020 TO GABRIELLI KENWORTH OF NJ, LLC FOR ONE (1) 2021 OR NEWER KENWORTH MODEL T370 4X2 STANDARD DAY CAB WITH ROLLBACK TOW BODY WITH ACCESSORIES FOR THE MERCER COUNTY MOTOR POOL DEPARTMENT AND THE MERCER COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM. PERIOD: MARCH 31, 2020 THROUGH MARCH 30, 2021. TOTAL AMOUNT NOT TO EXCEED \$154,827.19 (CK09MERCER2020-11)

WHEREAS, the Mercer County Purchasing Department has advertised for bids for one (1) 2021 or newer Kenworth Model T370 4x2, Standard Day Cab with Rollback Tow Body with accessories and the Mercer County Cooperative Contract Purchasing System, for a period of one (1) year, as authorized by Resolution No. 2018-89, adopted February 8, 2018; and,

WHEREAS, four (4) sealed bids were received on March 5, 2020 in connection with the aforementioned procurement; and,

WHEREAS, the low bidder, Liberty Kenworth of NJ, LLC provided exceptions to the specifications and the County does not accept these exceptions, therefore the bid received by Liberty Kenworth of NJ, LLC, is hereby rejected; and,

.....  
 Clerk to the Board

RECORD OF VOTE													
FREEHOLDER	Aye	Nay	N.V.	Abs	Res	Sec.	FREEHOLDER	Aye	Nay	N.V.	Abs	Res	Sec.
Cannon	X					✓	Melker	X					
Cimino	X						Walter	X					
Colavita	X						Koontz	X					
Frisby	X				✓								

X—Indicates Vote      Abs.—Absent      N.V.—Not Voting  
 Res.—Resolution Moved      Sec.—Resolution Seconded

-2-

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

WHEREAS, the bid received from Gabrielli Kenworth of NJ, LLC, 2306 Route 130 N, Dayton, NJ 08810, shall be awarded for one (1) 2021 or newer Kenworth Model T370 4x2, Standard Day Cab with Rollback Tow Body with accessories for the period of March 31, 2020 through March 30, 2021, in an amount not to exceed \$154,827.19; 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 Motor Pool Department and the Mercer County Purchasing Department for further distribution.

  
.....  
*Clerk to the Board*

**SPECIFICATIONS TO PROVIDE ONE (1) 2021 OR NEWER KENWORTH MODEL T370  
4X2, STANDARD DAY CAB  
WITH ROLLBACK TOW BODY WITH ACCESSORIES OR EQUIVALENT  
FOR USE BY MOTOR POOL  
FOR A PERIOD OF ONE (1) YEAR**

**INTENT**

The County of Mercer requests bids for One (1) 2021 or Newer Kenworth Model T370 4x2, Standard Day Cab with Rollback Tow Body with Accessories Or Equivalent for use by Motor Pool. 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 [smceachern@mercercounty.org](mailto:smceachern@mercercounty.org).

**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

**BID SPECIFICATIONS**  
**ONE (1) 2021 OR NEWER KENWORTH MODEL T370 4X2, STANDARD DAY CAB**  
**WITH ROLLBACK TOW BODY WITH ACCESSORIES**  
**FOR USE BY MOTOR POOL**

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 manufacture, whose equipment or products are bid shall have an authorized service, warranty and parts distribution facility located within 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 4x2, 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: 234"
- Cab to Axle: 178"
- After Frame: 63"
- GVWR: 33,000 GVWR
- 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: \_\_\_\_\_  
\_\_\_\_\_

**COMPATABILITY CLAUSE**

The successful vender shall be responsible to ensure capability with equipment components.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **ENGINE**

- Paccar PX-7 In Line 6 Cylinder, 300 HP, Minimum Peak Torque 660 @ 1600 RPM
- Engine shall include Turbo Exhaust brake, oil cooler and Aluminum flywheel housing
- Alternator: Paccar 160 AMP Brush Type or approved equal
- Batteries: (2) Paccar GP31 1460 CCA Dual Purpose or approved equal
- Air Compressor: 18.7 CFM or approved equal
- Air Cleaner: Dry-Type firewall mounted with restriction indicator
- Fan Hub: Horton 2 position or approved equal
- 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 right hand side of cab
- Fuel Filter: Paccar Standard service interval with 12v heater 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: (2) Located on battery box
- Jump Start terminals: Located under hood
- Mult-Function engine connector for body builder

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **TRANSMISSION**

- Dash mounted push button shifter •
- Allison 2500RDS 6 Speed Automatic Transmission with PTO Drive gear, 5<sup>th</sup> generation
- Driveline: 3 Dana SPL100 with 2 Center bearings bolted at crossmembers
- Allison Fuel sense Delete

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **EXHAUST AND EMISSIONS**

- DPF: Mounted Right-hand side under cab and behind step
- DPF tank cover: Polished aluminum or Stainless. Steel not acceptable.
- DPF Tank: 11 Gallon minimum mounted passenger side
- DEF to fuel ration 2:1 or Greater

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **FRONT AXLE**

- Front Axle: Meritor MFS12E Plus 12,500 lb.; Capacity Minimum rated at 12,000
- Springs: Taperleaf 12,000Lb ground load rating
- Front Brake Dust Shields
- Brakes: 16 ½ x 5" Bendix or approved equal rated for 14,600lb
- Brakes Drums: Cast Drums
- Slack Adjuster: Automatic
- Front shock absorbers
- Steering: Single steering box rated for 13.2K
- Greaseable type front oil seals
- Hubs: Aluminum 10 bolt pilot preset
- Wheels: Alcoa Ultra 22.5" x 8.25" Polished
- Tires: 275/80R22.5 Michelin X Line Energy or approved equivalent
- One (1) spare front tire mounted on rim

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **REAR AXLE**

- Rear Axle: Meritor MS21-14x4, 21,000 lb. Single Reduction
- Ratio: 5.86
- Suspension: Air glide 210L rated for 21,000lb
- Suspension to frame ride height: Maximum 6.5 inch
- Dump Valve: Single Driver Controlled
- Air Leveling: Single Leveling control valve
- Rear Brake Dust Shields
- Brakes: 16-1/2" x 7" Cam type
- Spring Brake: 3030 long stroke single 3" travel
- Slack Adjuster: Automatic
- ABS Sensor: 4S/4M for rear wheel end sensors
- Bendix ABS with air traction control
- Wheel Differential: Driver Controlled
- Bolted rear suspension crossmembers
- Hubs: Aluminum, 10 bolt pilot preset
- Wheels: Alcoa Ultra 22.5" x 8.25" Polished
- Tires: Michelin XDA5+ 275/80R22.5 14PR
- One (1) spare rear tire mounted on rim

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

**FRAME/WHEELBASE/PLATFORM**

- Bidder to provide proper wheelbase and cab to axle requirements to upfitter
- 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: none required
- Front Bumper: Aerodynamic Painted cab color
- Crossmembers: Back of cab and rear frame, 5 piece assembled with 12mm frame fasteners
- Fuel Tank: Left side under cab mounted 56 Gallon minimum, aluminum Tank
- Removable front tow hooks



Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **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: Manual valves with lanyard on all tanks
- Air tanks: Steel, Painted Black
- Bendix or Equivalent Anti-lock braking system with air traction control

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **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
- Diagnosable bulb fault detection and warning
- Warning alarm when lights are left on when vehicle is not running
- Daytime running lights
- Incandescent tail lamps
- 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
- Sperate engine hour gauge to be provided
- Engine Tachometer
- Gear shift: dash mounted push button
- Cab door to have bearing blocks top 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 Tool box plus IB Cloth, dual armrest, seat cushion 19.5", 2 tone color, carpeted back
- Lap and shoulder belt 3 point, grey
- 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, cup holders 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
- Grab Handle: Right hand with extension over door
- 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 used of welding.
- Exterior Aerodynamic sun visor with integral marker lamps

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**ELECTRICAL**

- Incandescent tail lamps
- Headlamps: Halogen projector low beam, halogen complex reflector high beam
- Turn Signals: Fender mounted
- Battery box: Aluminum cantilever mounted driver side
- Battery box cover: fiberglass, black
- Chassis and power harness with heavy duty casing
- Electrical circuit protection package, all circuit fuse/breaker protected.
- Solid state Trucklite or equivalent heavy duty signal flasher
- Five Aerodynamic LED marker lights mounted in sun visor

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**PAINT**

- Cab Exterior: -RED PAINT CODE # 1024
- Cab Finish: Urethane clear coat
- Chassis Running Gear: Black (Urethane)
- Front and Rear Rims: Powder-coated White

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**SPECIALITY EQUIPMENT**

- PTO Control: PTO switch, Telltale, and wiring. NO EXCEPTIONS

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**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
- Vehicle shall be titled to County of Mercer with CG tags provided
- 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:
  - Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
  - Transmission – 1 day at each location
  - Electrical – 1 day at each location
  - Brakes – 1 day at each location
  - Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
  - 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:
  - 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 hours 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 may be required to supply between one (1) to three (3) complete sets 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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### **ROLLBACK STEEL CARRIER WITH ACCESSORIES**

#### **DIMENSIONS**

- Load Rating: 16,000 lbs
- Minimum load angle: 11 degrees at 35" frame height
- Platform length (feet): 24'
- Platform width (inches): 102"
- Platform extension (inches): 120"
- Floor Plate Thickness: ¼"
- Controls: 5 section spool type
- Winch rating: 12,000 lbs DP Planetary
- Cable Diameter: 7/16"
- Cable length: (feet) 50'
- Cable type: 6 x 19 I.P.S with swivel hook
- Working limit : 35000lbs

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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#### **WHEEL LIFT SPECIFICATIONS**

- Wheel Lift Rating: 4,000 lbs extended
- Wheel lift extension: 54"
- Extended reach past deck: 67"

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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#### **COMPATABILITY CLAUSE**

The equipment upfitter shall ensure proper cab to axle dimensions are provided for specified equipment. All equipment is to be preassembled and factory tested.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **CARRIER/PLATFORM**

- The Slide Rails must be located below the top of the truck frame between the truck frame rails and tire sidewalls
- The distances from the top of the frame to the deck surface shall not exceed 7.25".
- The location of the subframe hinge and pin must be located past the end of the truck frame and below the top of the truck frame. The hinge pin diameter must be 1 ½".
- The Carrier shall have a galvanized subframe structure with main rails consisting of 5" x 3" x 3/8" Grade 60 steel tubing.
- The main subframe rails shall be a minimum of 210" long to provide maximum overlap between the deck and subframe at full extension.
- The subframe rail must be reinforced longitudinally by ½" Grade 80 plate through the hinge area.
- The subframe design must allow the main deck rail to slide on and around the subframe rail in a manner that keeps the frictional surfaces shielded from abrasive road grit and debris contamination.
- All hinge and pivot areas must contain accessible zerk type grease fittings. Plastic or Nylon bushings will not be acceptable.
- The carrier body shall consist of one-piece 1/4" steel diamond floorplate
- The floor shall be supported by 2.5" x 2.5" Corten tube cross members spaced on 8" centers
- The cross members shall be supported by the main deck rails which are to be 6" x 12" wide flange steel beam.
- The main deck rails must slide around the subframe rail in a manner that shields the frictional surfaces from abrasive road grit.
- The bed sides shall be a 6" x 4" x ¼" 50,000 P.S.I roll formed steel. The roll formed side rail shall consist of a ½" radius reinforcement rib at the top and bottom of the rail.
- The rail should also consist of hidden built in stake pockets. The stake pocket spacing must be able to accept the 3-piece removable rails.



- The Carrier shall also consist of a full-length wear pads fastened to the topside of each subframe rail. The Minimum amount of wear pad surface must be 1080 square inches.
- The carrier design shall consist of one enclosed steel dual hose tray system to accommodate the movement of the winch hoses and deck wiring. The 9-wire loop harness shall be located in the left tray and the winch hoses shall be located in the right tray.
- The winch hose assembly must have both hoses molded together as one in order to provide proper travel characteristics and to eliminate abrasion between the two hoses. The hose assembly must terminate at the bulkhead bracket
- Shall include full length slide pads. No exceptions.
- Mud flaps to be located in front of and behind rear tires.
- Shall include 17 slot tie down package and full length under body tie down bar
- Subframe shall be Galvanized. No Exceptions.
- Carrier and all steel components shall be Painted Black
- Tip Rollers-To have rollers at end of platform to ease operation and help on site surfaces from obtain damage from carrier operation

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

**CARRIER CYLINDERS**

- Shall be 3 ½" diameter with a 2" diameter chrome polished rod
- Stroke of elevation cylinder shall be at least 23"
- Shall be mounted inboard of chassis frame rails
- Elevation function shall use a dual counterbalance load-holding valve.
- The carrier extend cylinder shall be 3 ½" diameter with a 2" chrome polished rod.
- The stroke of the extend cylinder shall be 120"
- All cylinders must have accessible zerk style grease fittings. Plastic or Nylon bushings will not be acceptable.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

**REMOVABLE SIDE RAILS**

- Removable side rails shall be provided. No Exceptions
- The removable side rails shall be constructed of 2" square tube runners with 1 ½" x 3" rectangular stanchions
- The rails shall extend 4 ½" above the floor plate. The standard overall body width shall be 102"
- The standard overall body width shall be 102"

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**WHEEL LIFT**

- The wheel lift inner boom shall measure 7' x 5" x 5/16" .
- The wheel lift outer boom shall be 8" x 6" Rectangular tubing ¼" TK wall with bearing pads.
- The cross-tube weldment shall be a 3 ½" square tube assembled to the inner boom by a single 1 ¼" diameter pivot pin.
- The pivot area should consist of a large surface area with a thick plate top and bottom.
- The wheel lift shall be raised and lowered by two 3.25" bore cylinders with 1.75" rods.
- The extension cylinder must have a minimum travel of 54" .
- The wheel lift shall have a minimum of 67" of reach.
- Wheel lift must be Fully Hydraulic. No Exceptions.
- Shall include drop in L Arm System

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**BODY LOCKS**

- Front body locks assembly shall be bolted to the frame rails of the chassis.
- Shall be located outside and below the truck frame
- Shall be adjustable in order to prevent upward or downward movement of the body while in the stored position

- Shall include a bed anti-tilt feature and positive lock down system

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **HYDRAULIC WINCH**

- A 12,000 Lb. DP Planetary winch shall be supplied.
- Shall require a plate type cable tensioner mounted on the bottom side.
- Shall have a roller guide that will consist of one top roller and two side rollers
- Shall have a internal torsion spring to aid in the reengagement of the free spool functions
- A dual air-controlled fee wheel control shall be provided at each control station

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **CARRIER WIRING**

- Body wiring shall be in an enclosed harness routed through body cross-members and electrical connection shall be made inside a weatherproof terminal style junction box.
- The rear tail light housing shall be bolted on to allow for easy replacement.
- The housing shall be equipped with seal beam LED Tail lights. ALL body marker lights shall be LED
- Shall be equipped with LED Reverse Lights and Back up Alarm
- Shall meet LED Federal Standard 108 Lighting

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **CONTROL STATIONS**

- Shall have dual control station; one each side toward the rear of the carrier.
- Shall allow safe operation road side and curbside of vehicle
- Each control station shall have means of illumination
- Control stations shall be all aluminum construction.
- Shall have air free spool winch release at each control station

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**HYDRAULIC SYSTEM**

- A Muncie hot shift PTO and 23 GPM Pump shall be provided in which meet the Carrier Manufactures requirement to operate the unit and wheel lift as designed.
- Hydraulic system shall operate at 2,400 PSI.
- The hydraulic reservoir shall be easily accessible and will be equipped with a spin off type cartridge filter or fully submerged filter
- 5 Sections valve shall be provided

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**CAB PROTECTOR**

- Shall be 12" wide base and designed for the Kenworth T370 Chassis
- The cab protector shall be constructed form 5" x 2" x 1/8" tubing roll formed to the shape of the cab and reinforced with angled struts at the base
- The horizontal panel below the cab window shall be made of #11 Gauge Steel.
- Cab protector shall bolt to the chassis frame and be independent of carrier. No Exceptions.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**REQUIRED ACCESSORIES**

- (1) 8 Point Wheel Tie Down Kit
- (1) 30' Jumper Cable Kit
- (2) 65" Aluminum tool boxes/one mounted on each side
- (1) V-Chain 5/16" Bridle G7 Hook Assembly
- (1) 10' Chains with 15' J Hooks
- (2) Go Jacks 6000 With Mounts
- (1) Cluster Hook chain V-Bridle
- (1) Nylon Cluster V-Bridle
- (1) 4 Ton snatch block with chain
- (1) Aluminum floor jack storage tray
- (1) Milwaukee 18V Impact 1/2 " Drive Part # 2767-22
- (1) 2 Ton Aluminum floor racing jack
- (1) Lock Out Kit
- (1) 10 Person first aid kit
- (4) Tire Skates
- (1) Wireless LED tow light with base mounted in cab
- (1) Wireless Air Remote Control for Winch
- (1) Streamlight LED Rechargeable light (P/N 45851) Mounted in cab
- Reese Pintle Adapter

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**WARNING LIGHTS**

- (2) Buyers Products 8891400 (3.5 Inch Amber LED Strobe) with brackets 8891402 (Black 90 Degree Mount 8891400) mounted in chassis grille. Exact location to be determined at prebuild
- (2) Buyers Products 8891400 (3.5 Inch amber LED Strobe) with bracket 8891402 (Black 90 Degree Mount for 8891400) mounted (1) under cab each side. Exact location to be determined at prebuild
- (2) Buyers Products 8891400 (3.5 Inch Amber LED Strobe) with brackets 8891402 (Black 90 Degree Mount for 8891400) mounted (1) on each side rear taillight housing facing outward Exact location to be determined at prebuild

- (2) Buyers Products 8891400 (3.5 Inch Amber LED Strobe) with brackets 8891402 (Black 90 Degree Mount for 8891400) mounted (1) on each side rear taillight housing facing rearward Exact location to be determined at prebuild
- (1) Buyers Products 8893060 (60 Inch Modular Lightbar 14 Amber modules, 2 Red S.T.T, Traffic Adviser) with Bracket 3024649 (Headache rack mounting bracket) and 6391206 (Black pre wired 6 switch panel controller mounted on pylon. Exact location to be determined at prebuild

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **SCENE LIGHTING**

- (2) Buyers Products 1492225 (Ultra Bright 4.5 Inch Wide LED Flood Light) Mounted (1) on each outward side of pylon vertical support Exact location to be determined at prebuild
- (2) Buyers Products 1492225 (Ultra Bright 4.5 Inch Wide LED Flood Light) Mounted (1) on each side rear taillight housing facing rearward Exact location to be determined at prebuild
- (2) Buyers Products 1492225 (Ultra Bright 4.5 Inch Wide LED Flood Light) Mounted (1) by winch or on front deck Exact location to be determined at prebuild
- (1) Buyers Products 1492163 (32 Inch 16,200 Lumens LED Clear Light Bar) Mounted in center on rear pylon facing rearward Exact location to be determined at prebuild

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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### **ON BOARD AIR**

- (2) Quick Couplers (1) Located at each toolbox with Stainless shutoff valve at chassis tanks
- (1) 25' Heavy duty rubber air hose
- Air Chuck with Pressure Gauge

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**BACK UP CAMERA SYSTEM**

- (1) Buyers Products 8883000 (back up camera with night vision camera)
- Camera mounted on top of rearmost crossmember in center of vehicle

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**WARRANTY**

- All applicable standard factory warranties shall apply with the additional extended warranties listed, minimum 2 years manufactures warranty on all components and accessories.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions:\_\_\_\_\_

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**BIDDER REQUIREMENTS**

- Bidder and any sub-contractor must be authorized dealer of products proposed.
- Successful bidder shall have a factory authorized service center able to perform any and all service claims within 50 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 on site 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: \_\_\_\_\_

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**DELIVERY**

- Delivery within 180 days of receipt of Purchase Order to: 300 Scotch Road, Bldg 4, West Trenton, NJ 08628
- Must be delivered with a New Jersey motor vehicle new vehicle inspection sticker in place as prescribed by law. Truck must also be delivered with a New Jersey Motor Vehicle Commission title, registration and CG plates.

Comply Exactly: Yes\_\_\_\_\_ No\_\_\_\_\_

Exceptions: \_\_\_\_\_

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