



Ocean County Board of Commissioners

OFFICE OF THE  
OCEAN COUNTY COMMISSIONERS  
  
Director Barbara Jo Crea  
Deputy Director Gary Quinn  
Commissioner Virginia E. Haines  
Commissioner John P. Kelly  
Commissioner Frank Sadeghi

101 Hooper Avenue  
Toms River, New Jersey  
08754-2191  
(732)929-2005  
(732)505-1918

Board Meeting Agenda

Date: June 19, 2024 - 4:00 PM  
Location: Administration Building  
Room 119  
101 Hooper Avenue  
Toms River, NJ 08754

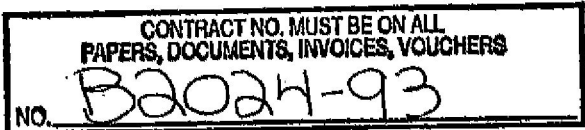
Agenda: Awarding a Contract for the furnishing and delivery of MOTOR VEHICLE: TACK TRUCK to Robert H. Hoover and Sons, Inc., the sole qualified bidder. (B2024-93)

Official Resolution#	2024000937						
Meeting Date	06/19/2024						
Introduced Date	06/19/2024						
Adopted Date	06/19/2024						
Agenda Item	k-4						
CAF #							
Purchase Req. #	B2024-93						
Result	Adopted						
COUNTY COMMISSIONER	PRES.	ABS.	MOVE	SEC	AYE	NAY	ABST.
Crea	<				<		
Quinn	<			<	<		
Haines	<		<		<		
Kelly	<				<		
Sadeghi	<				<		

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY OCEAN COUNTY BOARD OF COMMISSIONERS, NJ AT THE MEETING REFERENCED THEREON

Michelle I. Gunther

Clerk Of The Board



RESOLUTION

June 19, 2024

WHEREAS, on May 29, 2024, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLES: TACK TRUCK for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

Name of Bidder

Robert H. Hoover and Sons, Inc.

Address of Bidder

149 Gold Mine Road  
Flanders, NJ 07836  
(973) 347-4210

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the lowest qualified bid, according to specifications, namely that of, ROBERT H. HOOVER AND SONS, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of Motor Vehicles: Tack Truck, for the County of Ocean, for the contract period from date of award through June 18, 2025, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15.

A. ROBERT H. HOOVER AND SONS, INC. for six (6) items, to wit:

ITEM NOS. items 1, 1A, 1B, 1C, 1D and 1E.

For a Total Lump Sum Award Item 1 (Item #'s 1 - 1E) of \$1,099,050.00.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: Roads, Vehicle Services O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2024-93.

BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Roads, Vehicle Services and Robert H. Hoover and Sons Inc., the successful bidder.

## [ROBERT H HOOVER &amp; SONS INC.] RESPONSE DOCUMENT REPORT

Bid No. TBD

MOTOR VEHICLE: TACK TRUCK

**12. Submission of Bid Package\***

By submitting a response to this solicitation, the Vendor understands and acknowledges that all required documents to this solicitation must be submitted and that failure to do so may be cause for rejection.

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.

Confirmed

**PRICE TABLES****ITEM #1 - CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS, AS SPECIFIED OR EQUAL**

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Year/Mfr./Make/Model:	Warranty Details:	Delivery, A.R.O.:
✓ 1	Current Model Year, or Newer, Freightliner 114SD Cab and Chassis, As Specified or Equal	3	EA	\$314,800.00	\$944,400.00			
<b>OPTIONS</b>								
✓ 1a	Road Department Paint Color Scheme, As Specified	3	EA	\$2,500.00	\$7,500.00			
✓ 1b	Diagnostic Tools/Test Equipment, As Specified	3	SET	\$22,250.00	\$66,750.00			
✓ 1c	Two-Way Radio Power and Wiring Requirements for New Vehicles, As Specified	3	EA	\$1,000.00	\$3,000.00			
✓ 1d	Installation of County Supplied Two Way Radio and Accessories, As Specified	3	EA	\$1,800.00	\$5,400.00			
✓ 1e	Technical Support, As Specified	180	HOUR	\$400.00	\$72,000.00			
<b>TOTAL</b>					<b>\$1,099,050.00</b>			

Introduced on: June 19, 2024

Adopted on: June 19, 2024

Official Resolution#: 2024-00057

Bid - MOTOR VEHICLE: TACK TRUCK



COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

Page 1A of 22

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL****COMPLIANCE****YES****NO****General**

Freightliner 114SD chassis designed for heavy-duty general municipal use including the use of a Distributor truck with appurtenances

☒☐

Set back axle truck package with a minimum bumper-to-back-of cab measurement of 114" Axle setback to provide turning radius possible

☒☐

Intended Service: Dump Truck

☒☐

Cab to Body Clearance: 3 inches

☒☐

Front Axle Capacity: 16,000 lbs.

☒☐

Rear Axle Capacity: 25,000 lbs.

☒☐

Expected GVW Capacity: 40,020 lbs.

☒☐**Engine**

Cummins ISL, minimum 330 hp @ 2200rpm and 1000 lb.-ft. torque @ 1200rpm. Must be in-line 6 cylinder of wet sleeve design, and 50 State certification and electronics for simple service and diagnosis when needed. Minimum displacement is to be 8.9 liters. Engine MUST comply with Latest Federal Mandate for diesel emissions. Should an alternate power plant be offered the bidder must provide all necessary technical data to show proof of equality

☒☐**Engine Equipment**

Engine must have latest diesel emission certification and OBD

☒☐

Regen inhibit speed threshold-0 MPH

☒☐

PTO engine RPM Limit 2400 RPM

☒☐

Enable regeneration in PTO mode

☒☐

No PTO mode cancel vehicle speed

☒☐

Oil check and fill: engine mounted

☒☐

Alternator: 160 amp DR 28 SI brushless quadramount with remote battery volt sense

☒☐

Introduced on: June 19, 2024

Adopted on: 2) 12-19-2024 Maintenance-Free 2000 CCA

☒☐

Official Resolution#: 2024000937

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

Page 2A of 22

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Engine Equipment Cont'd</u></b>		
Battery Box: frame-mounted left side under cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Positive and negative posts for jumpstart located on frame next to starter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Positive load disconnect switch mounted outboard of driver seat. Must be protected from bottom of cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gates blue stripe hoses	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Compressor: 18.7 cfm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Discharge line: Teflon	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Protection: electronic engine-integral warning system with shut down function	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine brake: Cummins exhaust brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Exhaust: Single right-hand under step mounted horizontal aftertreatment system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fan Drive: Horton air on/off drive automatic fan control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Automatic fan control with dash switch and indicator light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Oil filter: Full-flow	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel filter: spin on	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13-gallon diesel exhaust fluid tank to be full of fluid at delivery	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non polished aluminum diamond plate diesel exhaust fluid tank cover	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiator: 1200 square-inch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heavy-duty coolant: -34° extended life with coolant filter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coolant hoses: Gates blue-stripe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Constant-torque clamps: constant torque for coolant hoses 1-3" diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine Heater: Phillips 1000W/115V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chrome heater receptacle; mounted under driver's door	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flywheel housing: Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Introduced on: June 19, 2024

Adopted on: June 19, 2024

Official Resolution#: 2024000937

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Engine Equipment Cont'd</u></b>		
Air intake warmer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Starter: Delco 12V 39 MT HD with OCP and magnetic switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Transmission &amp; Equipment</u></b>		
Transmission: Allison World RDS 3500 six-speed electronic automatic with PTO Provision, (6) forward gears and (1) reverse gear. Six-speed transmission programming (223) Programmed to unlimited output speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vehicle interface wiring, Magnetic engine drain, transmission and rear axle fill and drain plugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vehicle interface wiring with body builder connector mounted back of cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic transmission customer access connector firewall mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Trans oil check and fill with electronic oil level check	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shift control: Dash mounted push button	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission cooler: heavy-duty water-to oil in radiator end tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PTO mounting LH side of mail transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Front Axle and Equipment</u></b>		
Detroit DA-FS-16.0-572KPI/3.74 drop, minimum capacity @ ground of 16,000 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Set Back Front Axle Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brakes: Meritor Cam 16.5 X 6" Q+ cast spider with dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brake linings: non-asbestos	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front brake drums: Conmet outboard-mounted cast-iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front oil sales: SKF Scotseal Plus XL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Synthetic 75W-90 front axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front hubcap: vented oil-type with window center and side plugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front slack adjusters: Haldex	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power steering pump: TRW TAS-85	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Introduced on: June 19, 2024

Adopted on: June 19, 2024

Official Resolution#: 2024000937

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>Front Axle and Equipment Cont'd</u></b>		
Power steering reservoir: 4-quart	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Suspension bushings: graphite bronze with seals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front suspension: flat-leaf springs rated @ 16,000 lbs. minimum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front shock absorbers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Rear Axle and Equipment</u></b>		
Meritor RS-25-160 series 25,000 lbs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle ratio: 5.63	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle carrier housing: heavy-duty iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main driveline: MXL176T Meritor extended lube with half-round yokes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver controlled traction differential with driver controlled differential lock rear valve with dash-mounted switch and blinking indicator lamp, differential unlock with ignition off, active @ 5 mph	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Lubrication: Synthetic 75W-90 rear axle lube	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Brakes: Meritor cam 16.5" X 7" P cast spider heavy duty double anchor fabricated shoes	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle brake linings: non-asbestos with dust shields	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear brake drums: outboard-mounted cast iron	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brake cams and chambers on forward side of drive axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle oil seals: SKF Scotseal Plus XL	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parking brake chambers: Haldex Goldseal Longstroke spring parking brake chambers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle Automatic slack adjusters: Haldex	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Suspension: 26,000-lb. Flat leaf with helper and Radius rod	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fore and aft control rods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introduced on: June 19, 2024 Axle clamp: Standard 11-bolt pad Official Resolution#: 2024000937	<input checked="" type="checkbox"/>	<input type="checkbox"/>



✓/COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK  
**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
 AS SPECIFIED OR EQUAL CONT'D**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b><u>Brake System Equipment</u></b>		
Brake Package: Full air	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Anti-lock brake system: Wabco four-channel, 4-sensor/4 modulator, with-out traction control enhancement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis air lines: reinforced nylon, fabric braid and wire braid depending on location	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Brake relay valve with 5-8 psi crack pressure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air dryer: Bendix AD9SI heated air dryer mounted inboard on LH rail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air reservoirs: Aluminum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air tank drain valves: pull cables on all air tanks	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Clear frame rails BOC to front of rear suspension both rails outboard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Quick disconnect fitting w/50' of 200 PSI hose for tire inflation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No Trailer airbrake package	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Frame and Wheelbase</u></b>		
Wheelbase: 186"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab-to-Axle: 120"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Frame: 2,579,00 RBM, 7/16" x 3-9/16" x 11-1/8" heat-treated steel, 120,000 ksi yield strength single channel, double frame is not acceptable due to rust perforation of inner frame	<input checked="" type="checkbox"/>	<input type="checkbox"/>
No Integral Front Frame extension	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear overhang: 63" or adequate amount to allow body installer to cut any excess back to a custom measurement for installation of hook lift. No body installations requiring the addition of rear frame beyond factory standard will be accepted. Bidder to provide unladen frame height and dook height with body mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
End of frame: Square-cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introduced on: June 19, 2024 Rear Suspension Cross Member: standard heavy-duty C-channel Official Resolution#: 2024000937	<input checked="" type="checkbox"/>	<input type="checkbox"/>



COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Chassis Equipment</u></b>		
Front Bumper: 14" steel 3/8" or Custom	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front two hooks: two-frame mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fender and front of hood mounted front mud flaps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front license plate bracket: included	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis Fasteners: Grade 8 threaded Hex	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Fuel Tanks and Equipment</u></b>		
Left hand fuel tank: 60-gallon, must be constructed of aluminum to preclude Exterior corrosion and interior fuel contamination	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel tank: 25" diameter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel tank and band finish: Polished stainless steel bands with plain aluminum tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel tank orientation: Forward mounted under cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel tank cap: Standard, non-locking	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel/water separator: Detroit with heated bowl and primer pump	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel system: "Equiflo" inboard fuel supply and return system designed to maintain A constant fuel temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel hoses: Nylon high temperature reinforced	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Front tires, Hubs and Wheels</u></b>		
Front tires: Michelin XZU-S 315/80R x 22.5 20 Ply	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Hubs: Conmet pre-set bearing iron (aluminum hubs are not acceptable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Wheels: Accuride model 29039 5-hand 5.25 inset 10-bolt hub-pilot 22.5" x 9.00" steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introduced on: June 19, 2024		
Adopted on: June 19, 2024		
Front wheel nuts: 22.5" pilot with flat flange	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Rear Tires, Hubs and Wheels</u></b>		
Rear Tires: Michelin XDE-MS 11R22.5 16-ply	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear hubs: Conmet pre-set bearing iron (aluminum hubs are not acceptable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear wheels: Accuride model 28828 2-hand hole 10-bolt hub-pilot 22.5" x 8.25" steel disc wheel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear wheel nuts: hub pilot with flat flange	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Spare Tire</u></b>		
Spare Front and Rear Tires w/Rim: Same as tire rims specified	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Cab Exterior</u></b>		
Cab: 114" BBC conventional aluminum cab, one-piece tinted windshield, adjustable doors with concealed hinges, flush paddle-type door handles, fiberglass hood and split fenders with splash shields that lift away from the engine compartment when the hood is tilted. Entry and egress shall be made via a 3-point system consisting of self-cleaning non-slip steps and a minimum of (2) grab handles on each side for the operator and passengers to utilize, one on the inside of the door, and one on the cab exterior to the rear of the door. The steps are to be a minimum of 4' wide and the grab handles must be large enough to be safely grasped by one wearing heavy-duty work gloves. Total cab dimensions shall not be less than 80.75" wide outside and 56.5" from floor to roof inside. Cabs with raised or "bubble" roofs are not acceptable	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab mounts: air	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bug Screen: Non-removable mounted behind grille	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grab handles: Exterior LH/RH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bright finish radiator shell/hood bezel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Grille: Stationary black grille with bright accents	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chromed hood mounted air intake grill	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hood: Fiberglass	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introductions: June 19, 2024 Adopted on: June 19, 2024 Official Resolution#: 2024000937 Air horn: single under deck with shield	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Cab Exterior Cont'd</u></b>		
Horn shields: dual	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electronic horns: dual	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Key and Lockset: All trucks and all locks keyed the same with 6 keys per unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Headlights: single halogen composite with bright bezels, headlights on with wipers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marker lights: aerodynamic LED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stop/tail/turn lamps at end of frame LED Integral	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turn signal: one set mounted in headlight cluster	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Primary mirrors: Dual west coast bright finish with heater LH & RH remote	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirror Mounting: Mirrors mounted on doors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Mirror Width: 102"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Auxiliary mirrors: 8" convex bright finish mounted under primary mirrors both sides	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RH & LH 8" stainless steel fender mounted convex mirrors with tri pod bracket	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear window: tinted safety glass 63X14"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door windows: tinted with lowered bottom beltline for increased sideward visibility and Operating wing windows LH & RH	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Door window regulators: electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield: 1 piece tinted & heated	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8-liter windshield washer reservoir with fluid level indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Cab Interior</u></b>		
Interior Level: Opal Gray vinyl interior. Minimum 75" shoulder room and 66.5" hip Room side to side	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introduced on: June 19, 2024		
Adopted on: June 19, 2024		
Official Resolution#: 2024000937		
Interior roof mounted console with additional center compartment for CB provision	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Cab Interior Cont'd</u></b>		
LH upper door trim: molded door panel with map pocket	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RH upper door trim: molded door panel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ash tray and lighter	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Map pocket: LH door, forward roof mounted console, and upper storage compartments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dash mounted 12 Volt power supply	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Smart switch expansion module	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cup Holder: 2 dash-mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air conditioning	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Main heater/vent control: Main HVAC with recirculation switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
HVAC ducting for fresh air intake	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heater plumbing: standard without ball shut off valves	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A/C compressor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A/C condenser: radiator mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A/C plumbing; binary control with R134A refrigerant	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab Insulation package: standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12V negative ground electrical system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior lights: dome door activated LH & RH, dual reading lights forward cab roof	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab door locks: electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Driver seat: Premium high-back air suspension with 2 chamber air lumbar, integrated cushion extension forward and rear cushion tilt, adjustable shock absorber with dual driver seat arm rest	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LH and RH integral door panel arm rests	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Adopted on: June 19, 2024

Official Resolution#: 2024000937



**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE****YES****NO****Cab Interior Cont'd**

Passenger seat: Premium high-back air suspension with 2 chamber air lumbar, integrated cushion extension forward and rear cushion tilt, adjustable shock absorber with dual arm rest

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Driver seat cover: vinyl

☒☐

Seat belts: 3-point adjustable d-ring retractor for outboard seating positions

☒☐

Steering column: tilt

☒☐

Steering wheel; 18"

☒☐

Interior sun visors: standard driver and passenger

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First Aid Kit

☒☐

5lb. Fire extinguisher

☒☐

Triangular Reflector Kit

☒☐**Instrument Panel and Controls**

Gauge package: electronic

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Gauge finish: black bezels

☒☐

Drive Instrument panel: flat gauge insert area

☒☐

Drive center panel: flat gauge insert area

☒☐

Low air pressure warning: light and buzzer

☒☐

Air system pressure gauge: 2" primary and secondary gauges

☒☐

Air restriction indicator: dash mounted with graduations

☒☐

Cruise control: mounted LH dash switch panel

☒☐

Starter control: key-controlled, no push button

☒☐

Introduced on: June 19, 2024

Adopted on: June 19, 2024  
Official Resolution#: 2024000937  
LCD odometer, trip odometer, hour meter, voltmeter,  
and diagnostic indicator

☒☐



COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Cab Interior Cont'd</u></b>		
Diagnostic Interface connector: located below dash	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel level gauge: electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Coolant temperature gauge: electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2' Transmission temperature gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hour meter: integral with driver display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine oil pressure gauge: electric	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dash mounted PTO switch with indicator lamp	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radio: AM/FM WB with front auxiliary input	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radio speakers: two (2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radio antenna: LH Roof mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power and ground wires for two-way radio	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Speedometer: electronic, MPH scale	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tachometer: electronic 3000 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Digital voltage display: Integral with drive display	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Windshield wiper control: Electric 2-speed with variable intermittent settings, switch mounted on turn signal stalk with washer/wiper and hazard in handle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Marker light switch integral with headlight switch and single connectors and switch for customer furnished road lights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Factory installed Dash mounted PTO switch with indicator lamp	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4 on/off rocker switches in the dash with indicator lights with wire routed to back of cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parking brake system: 1-valve system with warning indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Turn signal switch: self-canceling with brake overriding stop lamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Backup alarm 87 DB to 112 DB automatic self-adjusting	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Introduced on: June 19, 2024

Adopted on: June 19, 2024

Official Resolution #: 2024000937

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

	<b><u>COMPLIANCE</u></b>	
	<b><u>YES</u></b>	<b><u>NO</u></b>
<b><u>Paint</u></b>		
Paint type: One color solid base/clear	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint color A: To be selected from factory color chart	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Paint design: Standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chassis color: Black Polyurethane	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bumper color: Black	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front Wheel color: powder coated white	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear Wheel color: powder coated white	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Extended Warranty: Chassis</u></b>		
5-year 100,000 mile engine warranty to include turbo, injectors and ATS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5-year transmission warranty with unlimited mileage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 year towing for warrantable repairs warranty	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b><u>Manuals / Warranty</u></b>		
The end unit will be delivered with the following items:		
(1) Fire Extinguisher, interior mounted	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(1) Complete set of all fluid filters, air filters and belts for engine, transmission, final drives, optional equipment, and all accessories that have replaceable filters.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) Complete sets of Chassis manufacturers mechanics "shop", service and troubleshooting for chassis engine, optional equipment, mounted equipment, final drives and accessories, wiring diagrams. Service manuals must be in USB format	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) Complete sets of Chassis manufacturers Parts manual for chassis optional equipment, mounted equipment and accessories, including wiring diagrams Parts manuals must be in USB format	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(2) sets of Manufacturers, Line Setting Sheets for chassis, mounted equipment, and optional equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Warranty samples to be included in the bid package	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Introduced on: June 19, 2024

Adopted on: June 19, 2024

Official Resolution#: 2024000937

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D****COMPLIANCE****YES****NO****BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR****BODY****Included Options for Black-Topper Centennial Bituminous Distributor****Function**

The Distributor shall perform the following functions:

- Fill tank by Distributor pump from outside source
- Circulate material in tank
- Circulate material in spray bar
- Spray at a constant desired application rate, regardless of variance in truck speed
- Return material in hand spray bar to tank by pump suction
- Handspray
- Return material in spray bar to tank by pump suction
- Transfer from an outside source to another outside source without having material enter Distributor tank.
- Pump material back to supply source
- Automatically go from Circulate in Spray Bar to Spray mode and return to circulate without pushing material over relief valve. It is important that the Distributor be capable of returning all material in the spray bar, handspray and distributing lines to the Distributor tank by means of pump suction. This function is to be accomplished without reversing the asphalt pump. Unit shall use volumetric metering with no bypass when spraying to insure accuracy of application.

☒☐**TANK AND FITTINGS**

- Capacity: 2000 U.S. Gallons minimum
- Shape: Oval in cross section, with the long axis horizontal
- Material: Shell to be 10 gauge steel. Tanks to have 10 gauge steel heads, deep dished and flanged, welded to tank shell both inside and outside for strength and durability.
- Surge Plate: Tank to be supported with full section surge plate, deep dished and flanged, constructed of 10 gauge steel. To be spaced to provide adequate tank strength and proper surge control. Openings shall be provided in the surge plates for the free flow of material to the pump and large enough for a man to crawl through.
- Manhole: 20" inside diameter manhole with quick-opening cover
- Overflow: 3" diameter overflow, extending at least 6 inches above the liquid, and draining internally only through the bottom of the tank in such a location as to clear all chassis members. Tank overflow design that drains asphalt material into the spill collar around manhole is not acceptable.
- Insulation: 2" fiberglass 1 lb. Density with spacers to prevent compression, protected by aluminum jacket sheet (.040")

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**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D****COMPLIANCE****YES****NO****BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR  
BODY CONT'D****Included Options for Black-Topper Centennial Bituminous Distributor Cont'd****TANK AND FITTINGS CONT'D**

h. Tank Mounting: Mounting saddles shall be full bolster style,  
Includes aluminum fenders.

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i. Tank Gauge: Float type, with dial calibrated in 50 gallon increments, both front  
and rear of tank

☒☐

j. Measuring Stick: Aluminum, calibrated in 50 gallon increments. To be designed  
and calibrated to read tank contents without dipping stick into material

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k. Spillage collar and overflow drain, including refiners platform and ladder

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l. Tank design and construction to meet all applicable Federal Cargo Tank Regulations  
49 CFR 173.247 and including DOT-406, HM-183, HM-198A, with consideration  
for hot asphalt products. Must have ASME tank approval number to assure that  
federal cargo tank regulations can be met.

☒☐**POWER UNIT**

a. Type: Hydrostatic transmission, consisting of:

1. Pump: Infinitely variable displacement pump with a minimum displacement  
of 3.1 cubic inches per revolution, axial piston type. Electronic stroker control.

2. Motor: Piston motor with gearbox. 1.53 cubic inch per revolution displacement,  
direct coupled to the asphalt pump. Entire transmission unit shall be capable of  
operating speeds up to 2800 RPM. Hydraulic oil may reach temperature up to  
200 degrees without damage to the unit. Unit shall have internal valving, and  
shall be fitted with relief valve and high oil temperature signal in cab.

☒☐

b. Transmission Take-Off: Hydrostatic pump driven by PTO take off

☒☐

c. Hydraulic Lines:

1. High pressure hose with swaged type split flange "O" ring fittings, per S.A.E.  
standards (90 series pump only)

2. Low pressure hose installation shall be made according to transmission  
manufacturer's recommendations. Only top quality fittings, tubing and hoses  
to be used.

☒☐

d. Controls: Electronic micro-control of hydrostatic transmission for setting asphalt  
pump discharge rate shall be located in truck cab. Control to permit stopping the  
variable pump discharge without disconnecting the drive and be equipped with an  
override of the micro-control which shall allow increases in asphalt pump output  
for filling, sucking back, etc., without affecting application rate setting. Override  
control shall be located near of unit.

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Adopted on: June 19, 2024  
Official Resolution#: 2024000937  
e. Reservoir: Minimum 20 gallon hydraulic reservoir with dial thermometer and  
level indicator.

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COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D****COMPLIANCE****YES****NO****BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR  
BODY CONT'D****Included Options for Black-Topper Centennial Bituminous Distributor Cont'd****POWER UNIT CONT'D**

f. Filter: A 10 micron, replaceable cartridge type filter with vacuum gauge shall be located in the line between oil reservoir and hydrostatic pump

☒☐**BITUMEN PUMP**

a. Type: Positive displacement rotary gear type. 4 1/2" suction x 4" discharge

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b. Location: To be located below the bottom level of the tank so that the material will flow vertically from the suction to the discharge insuring complete drainage when tank contents valve is closed.

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c. Capacity: Minimum of 400 gallons per minute

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d. Self Flushing line from fuel tank or heating system to fill line. Includes minimum 20 gallon capacity fuel tank with float level gauge. Located away from burners for safe operation.

☒☐**HEATING SYSTEM**

a. Flues: (2) with (LPG) liquid petroleum gas burners, with minimum of 1,000,000 BTU per hour per burner capacity. With pressure regulator, valves, piping, and 52 gallon frame mounted tank to be furnished.

☒☐**SPRAY BAR**

Full circulating 16' feet in length, hinged to permit folding for traveling.

Length of bar in folded position not to exceed 8 feet.

Positive circulation from one end of the bar to the other end, regardless of bar length or asphalt pump rate.

To consist of 8' center section with (2) folding wing sections.

Electric-air-on-off in 1' increments, cab controlled.

Electric-hydraulic spray bar shifting, lifting and wing folding, cab controlled.

Nozzles to be spaced on 4" centers on spray bar and shall have an individual valve for each spray nozzle. Each nozzle valve to have flip lever control so spray width can be adjusted, and allows individual valves to be disconnected without the use of tools or pulling pins.

Right and left side wings (bar extensions) to relieve fore and aft. Pin replacement required when bar relieves.

Bar to adjust for positive or negative crown and also adjustment for pitch of bar to aim nozzle valves rearward. Sections to be interchangeable, right or left side.

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Introduced on: June 19, 2024

Bar to adjust for positive or negative crown

Official Resolution#: 2024000937



COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE**

**YES**

**NO**

**BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR  
BODY CONT'D**

**Included Options for Black-Topper Centennial Bituminous Distributor Cont'd**

**AIR CONTROLS**

**Driver Operated Cab Control:**

Distributor shall be equipped with air controls. Air for the controls shall be obtained from the air system on the truck chassis. The Distributor air system shall include its own air reservoir (using of truck chassis reservoir not acceptable) with check valve set at 80 pounds to prevent loss of air on truck chassis brakes in case lines are ruptured. System shall have its own air line oiling device and controls shall be electric, located in cab convenient to operator.

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**Air Operated:**

1. All air solenoid valves and hydraulic solenoid valves are to be mounted to be accessible and serviceable from the ground without climbing on the machine.

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**TOOL BOX, FENDERS, ETC.**

a. Tool Box: All steel box with aluminum door, of sufficient size to store all necessary tools shall be furnished at side of the tank. Must have hinged door at side with flush-type lock. Door at top not acceptable.

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b. Fenders: Full dual flanged fenders (.80" aluminum) with rubber flaps. Use of skirting and flaps as a substitute for fenders not acceptable.

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**CONTROLS / INSTRUMENTATION**

a. Computer with in-cab operator controls which include:

1. Computer controlled switches for ten (minimum) preset application rates
2. Distance/volume reset switch
3. Application rate adjustment switch
4. Display select switch

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**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE****YES****NO**

**BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR  
BODY CONT'D**

**Included Options for Black-Topper Centennial Bituminous Distributor Cont'd**

**CONTROLS / INSTRUMENTATION CONT'D**

b. In-cab instrumentation will include the following Information on self-illuminated display(s):

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. Truck travel speed feet/minute or meters/minute                                  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Application rate in gallons/square yard or liters/square yard                    | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Pump rate in gallons/minute or liters/square yard                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Resettable volume sprayed in gallons or liters                                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Low tank level warning   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Warnings that travel speed and/or applications rate are beyond system capability | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| c. Radar type sensor to pickup ground speed   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d. System control of 4-way asphalt valve  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**ACCESSORIES**

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. Hose trough for fill hose in lieu of hooks   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Thermometer well on side of tank   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Pencil thermometer   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Liquid sampling valve to be state approved for taking samples of liquid asphalt.<br>Located in the rear tank head.                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Hand Spray Attachment: Hand spray gun with cold handle and not less than 3<br>nozzles, with 25' of 3/4" flexible rubber hand spray hose.           | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Strainers: Asphalt system to be designed so all liquid asphalt pumped to the tank,<br>from the tank or to the spray bar must pass through a screen | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Turn Signals: At rear of Distributor with truck supplying chassis control of signals   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 8. Light: Federal Standard 108 requirements, including reflectors, clearance and<br>identification lights. Wiring in loom.                            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 9. All necessary special tools for operation and maintenance of the Distributor<br>shall be provided  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. Painting: Distributor steel parts shall be painted Black Enamel   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D****COMPLIANCE****YES****NO****BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR****BODY CONT'D****Included Options for Black-Topper Centennial Bituminous Distributor Cont'd****WARRANTY**

Minimum 12 month warranty of Distributor components. With the bid shall be included manufacturer's descriptive literature and specifications on unit being bid, and a list of any exceptions to these specifications. Bidder will supply parts manual and complete operating instruction manual with bid if requested. Bid shall include mounting on customer's chassis at factory and instruction of operator on maintenance and operation at factory.

**MISCELLANEOUS ACCESSORIES**

12' x 3" rubber fill hose (350 Deg)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power right side 4-way mirror (when truck design permits)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
L.E.D. Lights, Sealed system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hand spray hose reel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aluminum hand spray gun with swivels (in lieu of standard)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3" cam lock fittings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5" Dial Thermometer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wet storage box with drain plug and hinged lid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20" Amber mini light bar mounted on top of front of tank, Amber LED four corner mount	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Additional (2) Amber LED Strobes mounted in front grill of truck	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Additional (2) Amber LED Strobes mounted at top rear of tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LED lights on front and rear control box, included dimmer switch in cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LED work lights 2 mounted at top of ladder & 1 mounted on each side at rear of tool boxes with cab switch (Total of 4 lights)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Nozzle range indicator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Backup camera mounted to the rear of the tank to aid in backing up the truck. Camera should be placed in a location where it is not exposed to spray from the spray bar of the truck.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
First Aid Kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5 lb. Fire extinguisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Triangular Reflector kit	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Tank and Accessories:**

1. Dial thermometer, 4"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Introduced on: June 19, 2024 Adopted on: June 19, 2024 Dual scale stick and dial (English and metric)	<input checked="" type="checkbox"/>	<input type="checkbox"/>



COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK

**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D****COMPLIANCE****YES****NO****BODY SPECIFICATIONS CENTENNIAL 2000 GALLON DISTRIBUTOR****BODY CONT'D****Circulating System:**

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. Power wash down system including electric fuel pump, 15' hose with gun | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Auto-retract hose reel.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Standard Spray Bar**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Standard bar extensions with 1' electric-air-on-off, up to 24', per foot                              | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Powered bar latch with cab and rear controls  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Nozzle must be Multi-Material V slot with an application rate of<br>.20 - .55 gallons per square yard | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Extra nozzles, each foot (3 nozzles)  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Wet storage box with drain plug & hinged lid  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Provisions for later addition of bar extensions with 1' controls, per foot                            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Power System:**

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. PTO off transmission in lieu of crankshaft drive | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Hydraulic oil cooler                             | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Controls/Instrumentation:**

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. Computer control with digital readout                                 | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Liquid asphalt temperature digital readout in computer display window | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Additional display in rear control box                                | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**Heating System:**

Flues: (2) 8" x 6" U-type return flues running the full length of the tank.  
The inlet and exhaust opening of each individual set of flues shall be in the same horizontal plane, allowing heating with a minimum of material in the tank.  
Flues shall have stainless steel external stack.

- |  |                                     |                          |
|--|-------------------------------------|--------------------------|
| 1. LPG burners and 52 gallon L.P. tank   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Two flues with LPG burners. Includes 52 gallon L.P. tank, flame mounted                                     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Outfire protection for LPG burners  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Automatic Controls: Thermostatic controls and out-fire protection for propane burners (pushbutton ignition) | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Portable burner LPG   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Electro Belly Heat – 220V with thermostat to maintain heat<br>(Specify which voltage & phase you want)      | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 7. Chassis driven Hydraulic/electric generator for electric belly heat   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

✓ COMPLIANCE PAGES FOR MOTOR VEHICLE: TACK TRUCK  
**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
 AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE****YES****NO****OPTIONS CONT'D**

✓ **1A. Road Department Paint Color Scheme**

Dupont 4357A – School bus yellow from the bottom of the windows down.  
 Academy blue # 5240 from the bottom of the windows up to and including cab  
 roof and back, on hood from bottom of windshield to a point on the hood to make  
 a “V” and match the road department fleet.

(Note: Not all Vehicles will be painted this way)

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✓ **1B. Diagnostic Tools / Test Equipment**

Successful bidder may be requested 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  
 cober the vehicle chassis, engine, transmission, brakes, hydraulics, and Cummins  
 Quick Serve and Insite.

☒☐

All laptop computers will be of the newest available technology and have sufficient  
 storage and memory to operate all required software.

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Provide a list of all test/diagnostic/programming equipment and special tools being  
 supplied at time of bid

☒☐

All software installations and activations will be completed by the successful bidder  
 at no cost to the County.

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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

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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

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Training shall be provided on all items in this section at a County location

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This equipment shall be the OEM equipment as available by the chassis manufacturer

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**ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE****YES****NO****OPTIONS CONT'D**

**1C. Two-Way Radio Power and Wiring Requirements for New Vehicles**

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps
2. #12 AWG BLACK wire connected to chassis ground
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps

These wires shall be encased in plastic wire loom and routed from their source into The cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The wires shall be unterminated. The 12VDC sources shall be protected from making contact with grounded metal surfaces.



**1D. Installation of County Supplied Two Way Radio and Accessories**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc.

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The 12VDC sources shall be protected from making contact with grounded metal surfaces.



**1E. Technical Support**

Technical Support is to be provided by factory authorized technical representative and is to be the original equipment Manufacturer's 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 the specification.



✓ **ITEM # 1 – CURRENT MODEL YEAR, OR NEWER, FREIGHTLINER 114SD CAB AND CHASSIS,  
AS SPECIFIED OR EQUAL CONT'D**

**COMPLIANCE****YES****NO****OPTIONS CONT'D**

✓ **1E. Technical Support (Cont'd)**

Technical support may be requested in the following areas:

- |   |                                     |                          |
|---|-------------------------------------|--------------------------|
| 1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Transmission – 1 day at each location  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 3. Brakes – 1 day at each location  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 4. Brakes – 1 day at each location  | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location     | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6. Upfitter (dump body, sweeper, etc.) – 1 day at each location                   | <input checked="" type="checkbox"/> | <input type="checkbox"/> |