



# COUNTY OF LEAVENWORTH

## Department of Public Works



*Leavenworth County Department of Public Works*  
23690 187<sup>th</sup> Street  
Leavenworth, KS 66048

## **Notice of Bid**

The Leavenworth County Department of Public Works is accepting bids for one (1) "Asphalt Paver."

You are invited to submit sealed bid proposal to the below address. The envelope must be clearly marked "**Asphalt Paver**".

Leavenworth County Clerk, Courthouse  
300 Walnut Street, Suite 106  
Leavenworth, KS 66048

All bids must be received in said office not later than **Tuesday, March 4, 2025 at 10:00 a.m.** at which time they will be opened and read aloud.

A copy of the bid notice will be posted on the Leavenworth County website: [www.leavenworthcounty.gov](http://www.leavenworthcounty.gov), or you may come to the main office, Leavenworth County Courthouse, Public Works, 300 Walnut, Suite 007, Leavenworth, KS 66048 and obtain a copy. Questions regarding the bid specifications should be addressed to Zach Evans at 913-727-1800 between the hours of 7:30 a.m. to 4:00 p.m. Questions may be faxed to 913-727-2894, or emailed to [publicworks@leavenworthcounty.gov](mailto:publicworks@leavenworthcounty.gov).

At the option of the Board of County Commissioners and or County Administrator, service will be awarded on the basis of the best qualified bid, including full consideration of unit prices, time and method of delivery, conformity of specifications and service.

ALL BIDDERS AGREE THAT REJECTION SHALL CREATE NO LIABILITY ON THE PART OF THE COUNTY BECAUSE OF SUCH REJECTION. IT IS UNDERSTOOD BY ALL BIDDERS THAT AN UNSUCCESSFUL BIDDER HAS NO CAUSE OF ACTION AGAINST THE COUNTY FOR BID PREPARATION COSTS. THE FILING OF ANY BID IN RESPONSE TO THIS INVITATION SHALL CONSTITUTE AN AGREEMENT OF THE BIDDER TO THESE CONDITIONS.

We are a tax-exempt entity, prices shall be net including all exempt taxes. The County shall reserve the right to increase or decrease the quantities specified.

**Leavenworth County Public Work Depts.  
300 Walnut Street, Suite 7  
Leavenworth, Kansas 66048**

**Leavenworth County is seeking bids for Purchasing 1 (One) New Self-Propelled Asphalt Paver.**

**GENERAL:** Asphalt Paver shall be Self-Propelled Track Type and designed for the placement of asphalt materials. The standard paving range shall be from 8' feet to 15' 6" feet with the capability of paving up to 20' feet.

**BASIC SPECIFICATIONS:**

	<b>Meets Specs (Y / N)</b>	<b>Comments</b>
Operating weight of asphalt screed with rear-mounted extenders shall be 16240 kg (35,810 lbs.)	_____	_____
Operating length with push-roller and asphalt screed with rear-mounted extenders shall be 6.11 m (20")	_____	_____
Operating length with push-roller and asphalt screed with front-mounted extenders shall be 5.8 m (19')	_____	_____
Transport width with screed and end gates (hopper raised) shall be 2.72 m (8' 11")	_____	_____
Transport width without screed and end gates (hopper raised) shall be 2.5 m (8' 2")	_____	_____
Transport height with muffler, fumes stack and seat lowered shall be 2.82 m (9' 3")	_____	_____
Truck dump height shall be 576 mm (23")	_____	_____
The deck height shall be 1.78 m (5' 10")	_____	_____
<b><u>ENGINE:</u></b>		
Engine shall be rated from 135 hp to 145 hp and shall meet the US Tier 3 emission requirements.	_____	_____
Power de-rating shall not be required up to an altitude of 3000 m (9,842 ft.)	_____	_____
The fuel capacity shall be 50 gallons	_____	_____
The deck-mounted cooling system shall exhaust hot air toward the hopper, away from the operators and ground personnel	_____	_____
The variable -speed fan shall be electronically controlled and hydraulically driven to provide on-demand cooling.	_____	_____
The on-demand fan operation shall reduce engine power demand, lower sound levels, and increase fuel efficiency.	_____	_____
Electrical system shall be 24 volts with an 75-Amp alternator and two, 12-volt maintenance-free batteries.	_____	_____

**Meets Specs  
(Y / N)**

**Comments**

**Powertrain/Steering:**

The propel system shall be closed-loop, hydrostically driven.

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The mobile-trac system shall provide two speed ranges. The pave mode shall range from 0 to 61 meters/min (0-200 feet/min). The travel mode shall range from 0-11 km/hr (0-7 mph).

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The steering system includes a steering wheel and utilizes electric-over hydraulic dual path differential steering for precise control.

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The closed-loop system shall provide straight -line tracking.

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Three steering modes include pave, travel and maneuver.

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The maneuver mode shall allow the paver to turn within it's own track area by counter-rotating the tracks.

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A friction steering option shall provide tension to the steering wheel when in the pave mode for good control in extended turns.

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The hydrostatic propel system shall utilize dynamic (hydraulic) braking.

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A secondary braking system shall utilize a spring-applied, hydraulically released system that neutralizes the propel pump.

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**Undercarriage:**

The mobil-trac belt shall be a smooth belt and a thickness of 58 mm and (2.3") thick.

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The smooth belt shall be 406 mm (16") wide and provide a ground contact area of 1.8 m (19 ft). The smooth shall incorporate a beveled edge that reduces base disturbance.

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The hydraulic cylinder, with accumulator and idler shall provide a friction belt tensioning sytem that eliminates manual adjustment.

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**Hydraulic System:**

The hydraulic reservoir shall be common to the propel, material handling and auxiliary systems.

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The hydraulic system shall be filtered by a 10-micron intake filter.

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The system shall utilize grouped, quick-connect pressure taps for quick easy diagnosis.

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**Dual Operating Stations:**

The dual operating stations shall be equipped with tilting consoles and adjustable suspension seats.

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The tilting consoles shall provide multiple positions.

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	<b>Meets Specs (Y / N)</b>	<b>Comments</b>
The seats are multi-positional and shall swing-out beyond the machine frame, providing good visibility when working near existing structures.		
The seats shall include an armrest and a 75 mm (3") wide retractable seat belt.		
The steering controls shall move with the operator and remain in the same relative position.		
The operator consoles have a lockable vandal cover and the operating deck shall utilize slip-resistant walkway surfaces.		
An Advisor Monitoring System (AMS) shall be located on the left control console.		
The AMS system shall provide access to a start-up checklist, operator preferences, engine and machine operating parameters, "Paving Calculator" and "Paving by the Numbers".		
The Advisor display shall list fault codes of machine functions.		
The Advisor display shall allow the operator to: calibrate the machine components, set the automatic engine speed control, monitor engine rpm's and operating temperatures, determine the required paving speed and tonnage requirements for a particular job, determine performance parameters, set the optional friction steering tension, and set the screed lower lock function to prevent settling.		
<b><u>Material Handling System:</u></b>		
The hopper and auger chamber capacity shall be 10 Tons to 14 Tons		
The truck entry width shall be 3.2 m (10' 6")		
An optional folding front hopper apron shall fold rearward to provide good material flow.		
The conveyors shall utilize independent drives mounted outboard of the mainframes side plates to minimize the width of the center chain cover.		
The auger diameter shall be 406 mm (16"), bolt on, cast NI-hard steel hemi-screws with 304 mm (12") pitch.		
Both auger drive chains shall be housed in a single, center chain drive box that allows material to flow underneath.		
Control of the auger/conveyors shall be controlled by either sonic sensors		
The augers and conveyors shall be reversible.		
The reversible augers shall be able to pull asphalt back into the main screed area when retracting the extenders while the reversible conveyors shall be able to pull asphalt back into the tunnels.		

	<b>Meets Specs (Y / N)</b>	<b>Comments</b>
The ratio of conveyor speed to the maximum auger speed is automatically maintained through the controller when changing the speed, width of paving.	<hr/>	<hr/>
The auger height is hydraulically adjustable with a range of 215 mm (8.5")	<hr/>	<hr/>
Manual control of the auger and conveyor system is provided at the two main screed control boxes and at each extension control box.	<hr/>	<hr/>
<b><u>Ventilation System:</u></b>		
The paver can be equipped with a ventilation system to remove asphalt gas, vapors and fumes from the auger chamber area.	<hr/>	<hr/>
The system shall consist of a hydraulically-driven exhaust fan that draws fumes through ducts at the rear of the paver.	<hr/>	<hr/>
The gas, vapors and fumes shall be vented through the single exhaust stack on the platform.	<hr/>	<hr/>
<b><u>Ventilation System:</u></b>		
The ducts shall be formed by adding sheet metal to the top of the conveyor tunnel creating a channel.	<hr/>	<hr/>
The system shall include a gauge that measures the proportional air velocity to help identify when the system needs to be cleaned or serviced.	<hr/>	<hr/>
The ventilation system components (collection hoods or shrouds) shall not block or hamper visibility to the auger chamber area.	<hr/>	<hr/>
<b><u>Electrical System:</u></b>		
The 24-volt electrical system shall include a master switch located in the lockable compartment on the left side of the machine.	<hr/>	<hr/>
The system shall be compatible with an automatic machine tracking system.	<hr/>	<hr/>
The electrical supply shall be provided by two 12-volt maintenance-free batteries	<hr/>	<hr/>
Circuit Breakers shall provide resets for the electrical circuits.	<hr/>	<hr/>
The electrical wiring shall be wrapped in nylon-braid with soldered connection points.	<hr/>	<hr/>
The wires shall be numbered and color-coded for easy recognition. The terminals shall be molded to the wires.	<hr/>	<hr/>
An on-board generator shall provide 25 KW of power at 60 to 100 Hz to the electric screed and auxiliary power panel.	<hr/>	<hr/>
The auxiliary power panel shall provide 7 KW of power to six, 120-volt GFCI receptacles and one 240-volt receptacle.	<hr/>	<hr/>

**Meets Specs  
(Y / N)**

**Comments**

**Serviceability:**

The Advisor display shall list diagnostic fault codes for machine functions making troubleshooting quick and easy.

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The hydraulic pump solenoids shall incorporate manual overrides to assist troubleshooting procedures.

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The greasable bearings for the augers and conveyors shall utilize remote lubrication points that have been grouped for convenient access. Preventive maintenance points shall be accessed through large swing open doors.

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The starting system shall be equipped with a quick-connect jump start post.

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The machine shall be equipped with remote drain lines for fluid collection.

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**Paving Ranges:**

The screeds shall be equipped with electric heat.

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The paving ranges for an asphalt screed with rear-mounted extenders shall be 2.44 m - 4.74 m (8' - 15' 6").

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The maximum paving range for an asphalt screed rear-mounted extenders shall be 6.15 m (20' 2").

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The range for an asphalt screed with front-mounted extenders shall be 2.5 m - 4.4 m (8' 2" - 14' 5").

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The maximum paving range for an asphalt screed with rear-mounted extender shall be 5.6 m (18' 5").

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The maximum paving depth shall be 305 mm (12").

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**Optional Equipment:**

Dual Auger Extentions (Left and Right) 6-Inch

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Auxiliary Power Panel

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Decelerator Pedals

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Washdown System and Hose Reel.

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Dual Sonic Feeder Sensor

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Friction Steering

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Topcon Grade and Slope Controls

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Leveling Devices

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Working Lights and LED Warning Beacon Light

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Smooth Mobil-Trac Belt (Asphalt Paver Tracking)

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	<b>Meets Specs (Y / N)</b>	<b>Comments</b>
Oscillating Push Roller	<hr/>	<hr/>
Power Folding Front Apron	<hr/>	<hr/>
Power Mainframe Extentions	<hr/>	<hr/>
Screed Extentions	<hr/>	<hr/>
Tow -Point Indicators (Upper)	<hr/>	<hr/>
<b><u>Optional Equipment:</u></b>		
Umbrella Kit	<hr/>	<hr/>
Dual Steering Guides	<hr/>	<hr/>
<b>Product Support:</b>		
The seller must be able to submit evidence that it is familiar with the operation and application of the machine and that it is capable of providing routine repairs and parts at the local level.	<hr/>	<hr/>
Seller shall provide 2 (Two) Service manuals to include operation, trouble-shooting procedure, wiring diagrams,hydraulic schematics, and disassembly	<hr/>	<hr/>
Seller shall provide 1 (One) maintenance manual to include service schedule and fluid requirements.	<hr/>	<hr/>
Seller shall provide 1 (One) parts manual (Machine Specific)	<hr/>	<hr/>
If machine utilizes electronic diagnostics, software and cables shall be optioned with bid.	<hr/>	<hr/>
Seller shall provide an onsite training for technicians to cover: Maintenance, Adjustments, Operation, and Troubleshooting.	<hr/>	<hr/>
<b>ISO Certification:</b>		
The quality system implemented by the manufacturer shall be certified to Quality Standard ISO 9001, 2000. ISO certifying agency and ISO Certificate Number must be available upon request.	<hr/>	<hr/>
<b>Paint:</b>		
An iron phosphating pretreatment shall be used. The paint shall meet the ASTM D3359 for adhesion. The paint shall meet the ASTM D610 for corrosion. The paint shall meet the ASTM D1014 for color and gloss retention. Low-solvent, lead-free paint is used for prime and finish coats.	<hr/>	<hr/>

**Comments:**

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**Notice To Bidders:**

Warranty shall start when asphalt paver is delivered  
Warranty shall be a Full Machine, 24 month, to include service call To and From Shop,  
Travel Time and Hauling To Repair Shop. (To be include in base price)

Any questions call Zac Evans at 913-727-1800 between the hours of 7:30 am to  
4:00 pm Monday thru Friday.



# Leavenworth County Public Works Bid Form

The Bid Form must be completed and included in the bid for the following equipment:

(1) One New Self Propelled Track Type Asphalt Paver  
(No Demo's). Delivered to Leavenworth County Shop  
within 60 days after awarded contract.

Total Cost (Base Bid): \$ \_\_\_\_\_

## Notice To Bidders:

\* Leavenworth County Reserves the right to reject any and all bids and waive any nonconformity in any submitted bid.

\* Asphalt Paver will be delivered to Leavenworth County Shop within 60 days of award of contract.

\* All Warranties on Asphalt Paver shall be handled by the equipment bidding dealer and will start when asphalt paver is delivered to Leavenworth County.

Bid must be sealed in envelope and clearly marked "Asphalt Paver" on the outside of envelope.

Sealed bids must be received by: **Tuesday, March 4, 2025 by 10:00 a.m.**

Please submit all sealed bids to:
Leavenworth County Clerk
300 Walnut, Suite 106
Leavenworth, KS 66048

**The envelope must be clearly marked  
"Asphalt Paver"**

Your Company Name: \_\_\_\_\_

Name (Printed): \_\_\_\_\_

Date: \_\_\_\_\_

Email address: \_\_\_\_\_

\*Delivery date: \_\_\_\_\_