



INVITATION FOR BIDS

NOTICE TO BIDDERS

The City of Alamosa Department of Public Works, 300 Hunt Avenue, Alamosa, CO will be accepting bids until 1:30 p.m., March 19, 2021 for a Tandem asphalt drum roller. Specifications may be obtained at Alamosa Public Works Department, 300 Hunt Avenue, or on the City Web site at www.cityofalamosa.org

Envelopes containing bid proposals shall be addressed as follows:

Harry Reynolds
Public Works Director, City of Alamosa
P O Box 419
Alamosa, CO 81101

Bids may be hand-delivered or mailed to the Finance Department. Bids must be placed in one envelope, securely sealed and clearly labeled, 2021 Tandem Asphalt Drum Roller. The City of Alamosa will not be responsible for premature opening of bids not properly labeled.

On the outside of the bid, there shall be disclosed: 1) the name of the bidder; and 2) bidder's address. Only bids received on or before the aforesaid date and hour set for closing of this Invitation For Bid (IFB) will be eligible for consideration. Any bid received after the closing time, regardless of the method of delivery, will be returned unopened to the Bidder. Bids may not be withdrawn after closing time.

All bids will be evaluated and selections made as soon as possible after bid opening. Award of bid is subject to approval by the Alamosa City Council.

The City of Alamosa reserves the right to reject any and all bids, to waive formalities and informalities, and to award orders for the items described either in whole or in part, if it seems to be in the best interest of the City to do so.

Questions concerning this IFB should be directed to: Tim Hillis at (719) 589-5485

2021 Tandem Asphalt Drum Roller with vibrating roller drum and oscillation drum

Please specify capacity/spec when substituting. These specs based on a Hamm HD12iVO roller. Other makes and models which meet these minimum specifications will be considered.

Minimum Specifications	Complies Y/N	Comment
WEIGHT		
Operating Weight (max) 7,651 lbs		
Operating weight with ROPS 6,075 lbs		
Static linear load, front 62.2 lbs		
DIMENSIONS		
Total width 51.6 in		
Total length 99.6 in		
Max. Working width 49.2 in		
Wheel Base 66.9 in		
Turning Radius, inside 93.3 in		
Total Height with ROPS 97.4 in		
Height, loading, min 69 in		
Curb clearance, rear 22.4 in		
Curb clearance, left 22.4 in		
DRUM DIMENSIONS		
Drum type, Front Smooth/non split		
Drum type, Rear Smooth/non split		
Track offset, right 2 in		
Track offset, left 0 in		
Drum thickness, rear 0.6 in		
Drum thickness, front 0.6 in		
Drum diameter, rear 28.3 in		
Drum diameter, front 28.3 in		
Drum width, rear 47.2 in		
Drum width, front 47.2 in		
ENGINE		
Diesel engine 3 or 4 cylinder		
Horsepower 32.6 hp @2,200 RPM		
Emission standard EPA Tier 4		
DRIVE		
Speed, infinitely variable 0,0-6,6		

Climbing ability, without vibration	40%	
Climbing ability, with vibration	35%	
OSCILLATION		
Oscillation force, rear, II	5,175 lbs	
Oscillation force, rear I	8,775 lbs	
Tangential amplitude, rear, II	0.045 in	
Tangential amplitude, rear, I	0.045 in	
Oscillation frequency, rear, II	1,740 VPM	
Oscillation frequency, rear, I	2,280 VPM	
VIBRATION		
Centrifugal force, front, II	6,750 lbs	
Centrifugal force, front, I	11,025 lbs	
Amplitude, front, II	0.018 in	
Amplitude, front, I	0.018 in	
Vibration frequency, front, II	3,060 VPM	
Vibration frequency, front, I	3,900 VPM	
STEERING		
Steering, type	Articulated steering	
Oscillation angle +/-	8 deg	
SPRINKLER SYSTEM		
Water sprinkler, type	Pressure	
Fuel tank, capacity	11.1 GPM	
Water tank, capacity	47.6 GPM	
SOUND LEVEL		
Acoustic power LW(A), measured	102db(A)	
Acoustic power LW(A), max	106 db	
OPTIONAL EQUIPMENT		
Plastic scraper, foldable		
All wheel lock		
Antifreeze Injection		
Auto off engine		
Rotating beacon		
Water drain valve		

Protective roof		
Compaction Meter		
Temperature Meter		
Work Light		
Cup Holder		
Front Tow Eye		

Vehicle Package Price fob Alamosa \$ _____

Sign: _____ Name of Firm: _____

Date: _____ Address: _____

Phone number: _____