

**Crop Residue Management Committee  
Krishi Vigyan Kendra, Ambala**

**NOTICE FOR INVITING e-TENDER**

**No. KVK/CRM/2024-25/6576**

**Dated: 03.12.2024**

E-tenders were invited under double bid system i.e. Technical Bid and Financial Bid with last date of submission of tender on 23.12.2024 upto 11:00 AM, opening of Technical Bid on 24.12.2024 at 11:00 AM and opening of Financial Bid after the evaluation of Technical Bid for the purchase of following items:

Sr. No.	Name of Implements/ Equipments	Quantity (in Nos.)
1	Super Seeder	02
2	Surface Seeder	01
3	Smart Seeder	01

## SUPER SEEDER SPECIFICATIONS

SN	Parameters	Specifications
1.	Type	Tractor Drawn, Mounted Type
2.	Working Width, mm	1980 - 2000
3.	No. of Rows	10 (Min.)
4.	Row to Row Spacing, mm	190-225
5.	No. of Blades	54 (min.).
6.	Type of Blades	LJF-type
7.	Thickness of Blades, mm	7 (Min.)
8.	Dia. of Rotor with Blades, mm	425 (min.)
9.	Number of flanges	9 (min.)
10.	Gear Box	Provided
11.	Side drive	Gear drive
12.	Seed Metering Device	Aluminum Fluted Roller Type
13.	Fertilizer Mechanism	Aluminum Fluted Roller Type
14.	Furrow openers	Notched double disc type
15.	Press Roller 1	Powered
16.	Press Roller 2	Passive
17.	Diameter of ground wheel, mm	600 (min.)
18.	Safety cover	Safety cover on all moving parts should be provided
19.	Weight, kg	950 (min.)

1. The manufacturer should provide, the test report of the for respective size of machine tested by authorized Farm Machinery Testing center of India
2. The manufacturer should provide, the list of (at least 10) farmers with address, contact numbers and bill/invoice of machine sold to farmers.

## SURFACE SEEDER SPECIFICATIONS

Fig No.*	Part/Assembly	Part code as per main drawing supplied	Dimensions(mm)	
			Standard	
1	Gear Box Ratio for 540 rpm PTO	<b>U</b>	10/18 (or equivalent) With housing	
	Size/Width of machine	<b>C</b>	1715-1750	
2	Lower point of seed pipes from ground	<b>B</b>	255	
	Ground Wheel diameter	<b>T</b>	600	
	Height of lower side of side casing from ground	<b>W</b>	90 to 115 Adjustable	
3	Distance between tip of triangular blade Fixed on upper outer casing and rotor surface	<b>X</b>	20	
	Type of blades on rotor	<b>V</b>	Semi-circular	
	Ground clearance of rotor	<b>D</b>	90(min)	
4	Distance between periphery of rotor and row of seed tubes (Front casing)	<b>A</b>	240	
	Distance between periphery of rotor from center of rotor	<b>Y</b>	782	
5	Distance between two adjacent triangular blades	<b>L</b>	70	
		<b>K</b>	65	
		<b>H</b>	65	
		<b>G</b>	80	
		<b>E</b>	70	
	Distance between two adjacent semi-circular blades on rotor	<b>M</b>	90	
		<b>N</b>	90	
		<b>P</b>	110	
		<b>R</b>	90	
		<b>S</b>	90	
		<b>F</b>	80	

### SMART SEEDER SPECIFICATIONS

SN	Parameters	Specifications
1.	Type	Tractor Drawn, Mounted Type
2.	Working Width, mm	1980 -2000
3.	No. of Rows	10 (Min.)
4.	Number of flanges	10
5.	Row to Row Spacing, mm	190-200
6.	No. of Blades	60 (min.).
7.	Type of Blades	Short blades
8.	Thickness of Blades, mm	7 (Min.)
9.	Dia. of Rotor with Blades, mm	550 (min.)
10.	Seed Metering Device	Aluminum Fluted Roller Type
11.	Fertilizer Mechanism	Aluminum Fluted Roller Type
12.	Type of furrow opener	Fixed disc type
13.	Safety cover	Safety cover on all moving parts should be provided
14.	Diameter of ground wheel, mm	600 (min.)
15.	Diameter of double disc, mm	370 (min.)
16.	Side disc	Provided on both sides
17.	Clearance between pair of disc, mm	45-50
18.	Thickness of disc furrow openers, mm	4 (min.)
19.	Diameter of Furrow closing roller, mm	310 (min.)
20.	Diameter of residue press roller, mm	310 (min.)
21.	Weight, kg	950 (min.)

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2. The manufacturer should provide, the list of (at least 10) farmers with address, contact numbers and bill/invoice of machine sold to farmers.