



वरिष्ठ कृषि अधिकारी

TECHNICAL SPECIFICATION OF RICE TRANSPLANTER MACHINE AND ITS ACCESSORIES		Proposed Specification by Suppliers/bidders	
S. N.	Name of Equipments	Particulars	Required Specification
1	Riding type Rice Transplanter	General	Self Propelled Rice transplanter riding type suitable agricultural machinery for transplanting of Paddy seedlings.
		Drive type	4-Wheel Drive
		Engine	Air or Water Cooled, 3 Cylinder Diesel Engine / 4 stroke Diesel Engine
		Starting system	Self starter
		Steering System	Hydraulic / Power
		Transplanting Mechanism	Rotary Type
		No of Rows	6 to 8
		Row Spacing	300 mm
		Plant to plant spacing	10 cm to 23 cm
		Planting depth	5mm - 50 mm
		Planting pitch control	Adjustable
		Planting Depth Control	Adjustable
		Weight	less than 1000 kg
		Tires (mm)	Front 600 to 650 & Rare 850 to 950 , Radial Tubeless / Puncture free tyres
		No of Seedlings	1 to 8
No of spare Seedlings rack	6 to 12		
Brakes	Oil Immersed brake/Dry disc Brake		
Ground Clearance	High ground clearance preferred, minimum 400 mm.		
Fuel Tank capacity	Not less than 16 ltr		
Tray Size	30 cm x 60cm		
General		paddy seedling machine for seedling preparation , Easy process. Save effort and time	
2	Paddy Seeding Machine	Make & Model	Any
		Type	Mechanical
		Overall Length	Minimum 768 mm
		Overall Width	Minimum 338 mm
		Overall Height	Minimum 268 mm
		Weight	Minimum 8.6kg
		Drive System	Manual
3	paddy Seeding Tray	Operation	Minimum 297 tray/hr
		material	Plastic/Nylon/PU/HDP
		Dimension (mini.)	600 mm X 300mm X 30mm
		Aeration	Perforated base for excess water and aeration

[Handwritten signature]

*The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid offered.

Instructions:-All signs and instructions in the vehicle shall be in English, Catalogue and Manuals:- One copy of the Operator's and Owner's Instructions in English shall be supplied with Tools:-A set of tools as required for general maintenance shall be supplied.

Warranty:-Manufacturer shall provide atleast one-year of warranty after acceptance, with Standard color

Proven performance:-The bidder shall provide the manufacturer's data of the performance of at least two unit supply in Nepal.

Initial Service:-The supplier shall provide all the necessary filters and spare parts required for the first two services, after the vehicle has been accepted.

Training:- For All farm machinery need 3 days Operator and General maintenance training except Rice Transplanter need 7day at least 2 farmers/operators.