



नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाई
बर्दिया

Phone: ०८४४२०१०७/४६०१४९
E-mail: pmamp.piu.bardiya@gmail.com
:pmamp.rice.rajapur@gmail.com
website: piubardiya.pmamp.gov.np

प.सं. :- ०७९/८०

च.नं. :-

विषय :- कृषिजन्य यन्त्र उपकरणको सिलबन्दी मूल्य सूची प्रस्ताव पेश गर्ने सम्बन्धी सूचना

सूचना नं ०९/२०७९/८०

प्रथम पटक प्रकाशित मिति २०७९।०७।२०

यस एकाईको चालु आ. व. ०७९।८० को बार्षिक स्वीकृत कार्यक्रम अनुसार लक्षित जोन/सुपरजोन क्षेत्रमा कृषि यान्त्रिकरण सहयोग कार्यक्रम संचालनको लागि विभिन्न किसिमका कृषिजन्य यन्त्र उपकरणहरु आवश्यक भएकोले यन्त्र उपकरणहरु उपलब्ध गराउन चाहने कम्पनी/फर्म/आपूर्तिकर्ता/उत्पादक संस्थाहरुले यस एकाईको वेभसाइट www.piubardiya.pmamp.gov.np बाट कृषिजन्य यन्त्र उपकरणको मूल्य सूची प्रस्ताव फाराम डाउनलोड गरी सोही बमोजिमको आवश्यक कागजात सहित २०७९ मंशिर ०६ गते भित्र सिलबन्दी मूल्य सूची प्रस्ताव पेश गर्नु हुन यो सूचना प्रकाशित गरिएको छ ।

तपसिल

१. सिलबन्दी मूल्य सूची प्रस्ताव सूचना प्रकाशित भएको मितिले १६औं दिन (२०७९।०८।०६) कार्यालय समय भित्र परियोजना कार्यान्वयन एकाई बर्दियाको गुलरिया स्थित कार्यालयमा दर्ता गरी सक्नु पर्नेछ ।
२. सिलबन्दी मूल्य सूची प्रस्ताव साथ फर्मको ईजाजत पत्रको प्रतिलिपी, मूल्य अभिवृद्धि वा स्थायी लेखा नम्बर दर्ता प्रमाणपत्रको प्रतिलिपी, २०७८/०७९ को कर चुक्ता प्रमाणपत्रको प्रतिलिपी, सञ्चालकको नेपाली नागरिकताको प्रमाणपत्रको प्रतिलिपी, गुणस्तर चिन्ह प्रमाणपत्रको प्रतिलिपी, रङ्गिन चित्र सहितको मेसिनरीको क्याटलग संलग्न राखी पेश गर्नु पर्नेछ ।
३. कृषि यन्त्र उपकरणको सिलबन्दी मूल्य सूची प्रस्ताव फाराममा उल्लेख भएको सम्पूर्ण प्राविधिक स्पेसिफिकेसनको विवरण स्पष्टसंग उल्लेख गर्नु पर्नेछ । यस बाहेक प्रस्ताव फाराममा छुट भएका अन्य स्पेसिफिकेसन विवरण फाराममा भएको थप स्पेसिफिकेसनमा राख्न सकिनेछ ।
४. स्पेसिफिकेसन अनुसार हुने गरी प्राप्त भएको विभिन्न कृषि यन्त्र उपकरणहरुको प्राप्त मूल्य सूची तुलनात्मक अध्ययन तथा विश्लेषण गरी न्यूनतम मूल्यमा अनुदान प्रवाह हुने गरी यस परियोजनामा स्वीकृत अनुदानग्राही मार्फत खरिद कार्यक्रम अगाडि बढ्नेछ ।

(Signature)
2065/06/20
कृष्ण धिताल
कृषि अधिकृत

नेपाल सरकार

कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना

परियोजना कार्यान्वयन एकाइ, बर्दिया

मूल्य सूची प्रस्ताव फारम

प्रस्तावित मूल्य र अन्तिम मूल्यको तुलना
संस्थाको नाम :
संस्थाको ठेगाना :
संस्थाको व्यक्तिगत मोबाईल नं. :
ईमेल :
आधिकारिक व्यक्तिको नाम :
पद :
संस्था रजिस्ट्रेशन नं. :
रजिस्ट्रेशन गर्ने कार्यालय :
फर्म दर्ता मिति :
PAN/VAT रजिस्ट्रेशन नं. :
व्यापारको किसिम/उद्देश्य :
उपलब्ध गराउन सक्ने सामग्रीको मूल्य र अन्य विवरण प्रस्ट खुल्नु पर्नेछ ।

Technical Specification For Farm Machinery and Equipments

N.	Name of Implements With Description	Technical Specification	Additional specification ब्राण्ड नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
1	Power Tiller					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
		Single cylinder, 4-stroke diesel engine				
		Direct combustion type				
		Specific fuel consumption around 244 g/kw.h				
		Power output range of 18-22 HP (13.43 Kw, 14.92 Kw, 16.4 Kw)				
	Engine	Air cleaner oil bath type				
	Clutch	Multiple plates, Dry disc				

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Brakes	Hand operated dry brakes		1 Set (20 hp / 14.92 kw)		
	No. of Gears	Forward-6, Reverse-2 (With high-low selector lever)				
	Tilling width	Around 900 mm				
	Number of rotary tiller blades	minimum 24				
	8. Ground Clearance	minimum 185 mm				
	Cooling system	Water or condense cooled				
	Fuel Tank Capacity	Minimum 15 Liters				
	Lubrication System	Combined pressure and splashing type				
	Minimum turning radius	1.3 meter		1 Set (22 hp / 16.4 kw)		
	Starting method	Manual or Electric				
	Certification	Respective country verified certification				
	Color	Standard				
	Accessories	Toolbox				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				

कृषि विभाग
कृषि अधिकृत

प्रमाणित
इस तक प्रमाणीकृत
परिचालना जारी

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
2	Reaper (Power Tiller Drawn)			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Power range	Power tiller of 18 Hp to 22 Hp				
	Features	Paddy and wheat harvesting, front mounted conveyor reaper				
	Type of cutting table	Standing typed				
	Placing type	sidewise and banded placed				
	Rated speed	3600 rpm				
	Cutting width	minimum 1200 mm				
	Cutting height	minimum 50 mm				
	Type of cutting Unit	Cutter bar with serrated V shaped blade				
	Crop divider	5 with star wheels				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
3	Reaper (Tractor Drawn)			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Power Required	35 Hp and above				
	Features	Paddy and wheat harvesting, front/back mounting on tractors and connected to PTO shaft for harvesting with hydraulic lifting				
	Capacity	0.4 ha/hr-2.4 ha/hr				
	Working width	minimum 7 ft.				
	Stubble height	≥ 25 mm				
	Cutting blade	3 mm				
	No. of stars	7 stars with crop divider				
	Weight	minimum 190 kg				
	Certification	Respective country verified certification				
	Color	Standard				

कृषि मंत्रालय
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संकेत रूप में जारी किया गया है।
आवश्यकतानुसार कृषि अधिकृत को परामर्श लेना चाहिए।

Technical Specification For Farm Machinery and Equipments					
S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects			Per Unit Rate (in Words)

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
4	Wheat Thresher			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Type	Axial flow (open threshing drum)				
	Features	Suitable for wheat, Sorghum, Soyabean, grams, mustard, bean				
	Power Required	Tractors above 35 Hp				
	Capacity	≥2000 kg/hr				
	Threshing efficiency	≥ 95 percentage				
	Crop Feeding	Direct hopper type or chute type				
	Threshing cylinder or Drum	rasp-bar or spike tooth cylinder with suitable number of blades.				
	PTO input speed	540 rpm				
	Maximum Rpm	700-800 rpm				
	No. of sieves	at least 2				
	No. of fans	≥ 2				
	Duct	minimum two; primary duct for removing major portion of straw dust, other foreign matter and secondary for final cleaning.				
	Standard Accessories	PTO shaft, Tool box, Grease gun				
	No. of transmission joints	4				
	Ms sheet thickness	minimum 3 mm				
	Overall weight	1450 kg - 1680 kg				
	Transportation wheel	2 no.s of pneumatic type tyre				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification ब्रांड नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
5	Self-Propelled Reaper			Set		
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Features	Paddy and wheat harvesting self-propelled reaper				
	Power Required	Minimum 6 Hp				
	Engine	Single cylinder, 4-stroke diesel engine				
	Cooling System	Water or condense cooled				
	Type of cutting table	Standing typed				
	Cutting width	minimum 1.2 m (adjustable)				
	Cutting height	≥ 50 mm				
	Rated speed of PTO	3600 Rpm				
	Reaper Cultivation	minimum 4-line at a time				
	Teeth spacing	minimum 125 mm				
	Fuel consumption	≤ 900ml/hour				
	Crank Speed	minimum 540 rpm				
	Gear system	Forward-6, Reverse-2 (With high-low selector lever)				
6	Certification	Respective country verified certification		set		
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	Super Seeder					
	Make and Model (Brand)	Any				
	Country of manufacturer	Any				
	Type	Zero till seed drill(Wheat, lentil etc)				
	Power source	55 hp and above tractor				
	Material	Stainless steel				
	Hitching System	3 point linkage				

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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Gear box rpm	540/1000 rpm				
	Number of times	≥10				
	Row to row distance	Adjustable				
	working width	above 2050mm				
	working depth	120-150mm				
	Type of blade	JF type with Bronze steel blades				
	Number of blades	48-54				
	Thickness of blades	7-8 mm				
	Seed and fertilizer mechanism	Alluminium fluted roller type				
	Side drive	Gear Drive, Levelling roller/ pressing roller				
	Ground wheel diameter	605 mm				
	Machine Weight:	800-950 kg.				
	Certification	Respective country verified certification				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
7	Riding type 4 wheel Rice transplanter			set		
	Name	Any				
	Model	Any				
	Country of manufacturer	Any				
	Type	Riding type Rice Transplanter				
	Engine	Diesel engine, 4-Stroke, single/three cylinder, air cooled.				
	Gear	Forward 5, minimum reverse 2				
	Displacement	>=400cc				
	Power	>=12 HP				
	Starting method	Electric starting/relevant				
	Steering	power steering				
	Ground Clearance	minimum 400mm				

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कृषि अधिकृत

महाराष्ट्र सरकार
कृषि विभाग
परिचालन विभाग

कृषि विभाग
बिहार

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Number of planting rows	>=6 rows				
	Plant to plant spacing	Adjustable				
	Distance between each row	<=30cm				
	Number of plants per hills	Adjustable				
	Depth of planting	Adjustable				
	Type of seedling use	Mat type seedling use				
	Fuel tank capacity	Not less than 15 litres				
	Transplanting rate	More than 0.2 m/s				
	Front tyres	puncture free solid type tyre/others				
	Rear tyres	solid rubber anti puncture tyre/others				
	transplanting type	rotary/ others				
	lifting type	Hydraulic system				
	Tools set	Needed				
	Spare parts	should be provided as per need				
	Warranty	At least 1 year of manufacturing defects				
	Training	provided to operator				
	Demonstration	In the field as directed by the office				
	Catalogue/manual	operation manual should submit				
	Certification	Any Test Report and respective country verified certification				
8	Inter-Cultivator/Weeder			set		
	Make & Model (Brand)	Any				
	Country of manufacturer	Any				
	Engine Type	4 stroke single cylinder diesel engine				
	Power required	5.5 HP - 9 HP				
	Cooling System	Air cooled				
	Engine oil capacity	≥ 3.5 litres				
	Mode of transportation	Gear with PTO shaft				

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा मात्रा	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
9	Rated engine speed	3600 rpm		set		
	Rotavator Speed	800 rpm				
	Number of Gears	2 forward and 1 reverse (high & low)				
	Fuel Consumption	less than 750 ml				
	Gear box oil	≤2800ml				
	Engine oil	≤1000ml				
	Cutting depth	1-5 inches				
	Overall cultivation width	36"-48" (adjustable)				
	Additional Accessories	Compleat set				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	Banana shredder/cutter Machine					
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Capacity	≥ 0.5 Acre/hr				
	Engine Type	Tractor Operated				
	Material	Mild Steel/ Stainless steel				
	Power Source	45HP and above				
	PTO speed	540 rpm				
	fuel consumption:	≤ 4-4.5 litre/hr				
	no. Of blades	≥ 2				
	Certification	Respective country verified certification				
	Color	Standard				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				

Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
10	1 HP 2 Paddle Wheel Aerator	Motor: Single phase, CED coating with H class insulation; Gear Box: Bevel-Helical type, Cast Iron Body with CED coating; Impeller, Floats, Cover and Tripod: Virgin PP/HDPE with UV; Impeller Speed: 1000 RPM; Movable joint, Shaft, Frame and Bolt kit: SS-304; Synthetic Gear Box Oil; Oxygen transfer rate: 1.5kg/h		set		
11	2HP 4 Paddle wheel aerator	Motor: Single phase, CED coating with H class insulation; Gear Box: Bevel-Helical type, Cast Iron Body with CED coating; Impeller, Floats, Cover and Tripod: Virgin PP/HDPE with UV; Impeller Speed: 1440RPM; Movable joint, Shaft, Frame and Bolt kit: SS-304; Synthetic Gear Box Oil; Oxygen transfer rate: 2.5kg/h		set		
12	Fountain aerator	single phase: 220 V, 2 HP motor, Head: 9 m, current : max. 9.6A, Frequency:50 Hz, Flow rate: 667 lit/min, oxygenation capacity: 1.85 kg o2/hr, Rpm: 3000		set		
13	Automatic Feed Feeder	Solar power based; Power: 150 Watt DC motor; Voltage: DC 12 V; Feed dispensing radius: 10-15 m; Automated by timer; Feed loading capacity: 200-300kg		set		
14	Submersible pump	Any		set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Type	Openwell submersible water pump				
	Power	2 Hp, 1.5 KW				
	Current	≤ 9 amp				
	Head range	≥ 18 m				
	Power required	Single phase, 220-240 V & 50Hz				
	Discharge diameter	3 inch				
	Discharge capacity	2000 lit/min				
	Load speed	2900 rpm				
15	Feed Pellet Making Machine			set		
	Make, Model and Brand	Any				
	Country of manufacturer	Any				
	Product Type	Floating type				
	Motor Type	single/three Phase Motor				
	Power	5HP/3.73 KW Heavy Duty Motor				



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Technical Specification For Farm Machinery and Equipments

S.N.	Name of Implements With Description	Technical Specification	Additional specification बाण्ड नाम तथा नम्बर	Unit	Per Unit Rate (In Figures)	Per Unit Rate (in Words)
	Rated Power voltage	220 V-440 V				
	Output Capacity	≥200 kg per hr				
	Rated Speed	1440 RPM				
	Die and Roller Size	150mm-160 mm				
	Pellet Size	4mm-6 mm				
	Certification	Respective country verified certification				
	Warranty	Manufacturer shall provide warranty for at least one year for manufacturing defects				
	16 Fish drying/ dehydrator machine	Technical specification should be provided by supplier ownself		set		
	Make, Model and Brand					
	Country of manufacturer					
	Material					
	Capacity					
	Power supply					
	Power input					
	Running current					
	Maximum power					
	Dehydration amount					
	Working Temperature					
	Noise level					
	Controller					
	Certification					
	Warranty					
	17 HDPE (High Density Polyethylene) Tarpaulins			sqm		
	Make and brand	Any				
	Country of manufacturer	Any				
	Thickness	≥240 gsm				
	Material	Anti-uv, anti-leaking, Anti bacteria, Anti-Fouling, Anti- acid & alkali, corrosion resistance and Shock resistance.				
	Colour :	Blue				
	Life span	5-7 years				
	Dimension	10-13 ft width				
	Warranty	immediate exchange in case of manufacturing defects				

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