



नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाइ
धादिङ

फोन नं. ०१०-५२०९०१, ५०२४४२
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प.सं. ०८१/८२
च.नं.

मिति : २०८१/०७/२७


ने.सं. ११४५ कञ्जलाध्य ११, मंगलवार

शिलबन्दी दररेट पेश गर्ने सम्बन्धी सूचना

प्रस्तुत विषयमा यस प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना, परियोजना कार्यान्वयन एकाइ, धादिङको आ.व. २०८१/०८२ को वार्षिक स्वीकृत कार्यक्रम अनुसार कृषि यान्त्रिकरण सहयोग कार्यक्रम अन्तर्गत कृषक समूह, सहकारी, फार्म र कम्पनीहरूलाई कृषि औजार एवं सामग्रीहरू खरिदमा बढीमा ५०% अनुदान सहयोग कार्यक्रम रहेको हुँदा यसै सूचना साथ संलग्न बमोजिम आपूर्तिकर्ताहरूले उपलब्ध गराउन सक्ने कृषि औजार एवं सामग्रीहरूको न्यूनतम दररेट मिति २०८१/०८/११ (१५ दिन) सम्म परियोजना कार्यान्वयन एकाइ, धादिङ स्थित कार्यालयमा कार्यालय समय भित्र रु. १० को टिकट टाँस गरी शिलबन्दी दररेट पेश गर्न हुन अनुरोध छ । विस्तृत जानकारीको लागि परियोजना कार्यान्वयन एकाइ, धादिङको फोन नं. ०१०-५२०९०१, ९८५१२२२५०३ सम्पर्क गर्न हुन साथै मेशिन सम्बन्धी specification कार्यालयको वेबसाइट <https://piudhading.pmamp.gov.np> बाट डाउनलोड गर्न सक्नेछ ।

आवश्यक कागजातहरू:

१. रु. १० को टिकट टाँस गरेको शिलबन्दी दरभाउ पत्र आर्थिक प्रस्ताव,
२. संस्था दर्ताको प्रमाणपत्रको प्रतिलिपि,
३. संस्थाको प्यान/भ्याट प्रमाण पत्रको प्रतिलिपि,
४. आधिकारिक एजेन्ट/विक्रेताको प्रमाणपत्रको प्रतिलिपि,
५. आ.व. २०८०/८१ को कर चुक्ता प्रमाणपत्रको प्रतिलिपि,
६. कृषि यन्त्र उपकरणको specification खुल्ने CATALOGUE LEAFLET,
७. इन्जिन अपरेटिङ मेशिनहरूको इन्जिन test report बुझाउनु पर्ने ।


2081/06/26

"आत्मनिर्भर अर्थतन्त्रका लागि कृषिको आधुनिकीकरण, विशिष्टीकरण र औद्योगिकीकरण"



Technical Specification for Farm Machinery and Equipments

Required Specification		Offered Specification by supplier with remark
A	Minitiller	
1	Engine model	173 F
2	General	General purpose minitiller for dry and wet tillage. Double clutch handle with standard design having gross vehicle weight not less than 120kg
3	Engine	Single cylinder, Four stroke, Forced air cooled system, Oil bath type filler. Diesel Engine, Maximum power 440.2 KW
4	Starting type	Recoil/ Electrical starter
5	Transmission system	Gear drive(1- Reverse, 2- Forward) both high and low) number of gears.
6	Displacement(ml/cu.in))	not less than 296CC
7	Tilling Depth	100mm or above
8	Tilling width	750mm or above
9	Fuel tank capacity	minimum 3.5 litres
10	Blades	minimum 32 pieces
11	Tyre	Standard size(4-8)
12	Colour	Standard
Total Price (Nrs.)		
Total price in word		

Required specification		Offered Specification by supplier with remark
B	Minitiller	
1	Engine model	173 F
2	General	General purpose minitiller for dry and wet tillage, Double clutch handle with standard design. having gross vehicle weight not less than 95 kg
3	Engine	Single cylinder, Four stroke, Forced air cooled system, Oil bath type filler. Diesel Engine, Maximum power 3.8±0.2 KW
4	Starting type	Manual/Recoil
5	Transmission system	Gear drive(1- Reverse, 2- Forward) both high and low) number of gears.
6	Displacement(ml/cu.in))	not less than 247CC
7	Tilling Depth	100mm or above
8	Tilling width	750mm or above
9	Fuel tank capacity	minimum 2.5 litres
10	Blades	minimum 24 pieces
11	Tyre	Standard size(4-8)
12	Colour	Standard
Total Price (Nrs.)		
Total price in word		



Technical Specification for Farm Machinery and Equipments			
S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
A	Minitiller		
1	Brand/model	any	
2	General	General purpose minitiller for dry and wet tillage. Double clutch handle with standard design having gross vehicle weight not less than 80kg	
3	Engine	Single cylinder, Four stroke, Forced air cooled system, Oil bath type filler, Petrol engine , Maximum power not less than 3.6±0.2 KW	
4	Starting type	Recoil/ Electrical starter	
5	Transmission system	Gear drive/ 1- Reverse, 2- Forward (both high and low) number of gears.	
6	Displacement(ml/cu.in)	not less than 208CC	
7	Fuel tank capacity	not less than 2.5 L	
8	Blades	minimum 24	
9	Tilling Depth	100mm or above	
10	Tilling width	750mm or above	
	Total Price (Nrs.)		
	Total price in word		

Technical Specification of Electrical motor Chaff Cutter

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
0	Model	any	
2	Feeding Type	Fully automatic conveyor belt feeding	
3	Maximum Power	at least 2 HP 50HZ/220V	
	Electricity	Single Phase	
4	Number of Blades	not less than 2	
5	Weight	not less than 60 kg	
	Working Efficiency	≤500 kg/hour	
6	Voltage	220 V	
	Spindle Speed	2200 r/min	
7	Coil Material	Copper Wire	
	Cutting Length	15-32 mm	
8	Usage	Cuts wet & dry grass/straw for animal feed	
	Total Price (Nrs.)		
	Total price in word		

Technical Specification For Farm Machinery and Equipments



S.N.	Name of implement with description	Required specification	Offered Specification by supplier with remark
B	Corn Sheller		
1	Make and model	any	
2	Power	at least 1.1 kw	
3	Motor	copper coil 100%	
4	Capacity	1000-1200kg/hr	
5	Shaft Speed	1680 r/min	
6	Rotor Diameter	around 590mm	
7	Tube	Double	
		Total Price (Nrs.)	
		Total price in word	

Power Weeder			
1	Model, Make	any	
2	Power	Air Cooled Four Stroke	
3	Fuel Type	Petrol	
4	Displacement (cc)	at least 79 cc	
5	Max. Power (kW/r/min)	at least 1.5 / 2000	
6	Tank Capacity (L)	minimum 1.2 L	
7	Transmission Mode	Gear Type	
8	Blades	2 groups of 16 pcs	
9	Depth of Tillage	15 cm - 30 cm	
10	Starting Mode	Hand Pull Recoil	
		Total Price (Nrs.)	
		Total price in word	

Technical Specification For Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
	Push row seeder		
1	General	Push row seeder is used for maize planting , depth and Seed planting adjustable distance. Back wheel /seed covering mechanism should be provided.	
2	Make,model	Any	
3	Seed tank capacity	at least 3 kg	
4	distance of planting	5"-6" (Adjustable)	
5		Provides extra seed wheel	
6	Seed Emitting hole	at least 10 number	
	Total Price (Nrs.)		
	Total price in word		

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
	Combined mill		
1	Make and model	any	
2	Power Source	at least 3HP	
3	Motor	100% copper	
4	voltage and frequency of motor	220volt,50Hz	
5	Seive size	at least 100*749mm	
6	Seive Diameter	at least 250mm	
7	Capacity	Rice mill: at least150kg/hr	
8		Grain grinder: at least 130kg/hr	
9	Roller Speed	Rice mill-at least 1500rev/min	
10		Grain Grinder-5500rev/min	
11	Roller Diameter: rice mill	40mm	
12	Types	Disc/Hammer types	
	Total Price (Nrs.)		
	Total price in word		

Technical Specification for Land Machinery and Equipments



S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A	Brush Cutter		
	Make, Brand	any	
	General	Type	
	Engine	Engine Air cooled, 4 Stroke, single cylinder petrol	
	Engine Displacement	not less than 31cc	
	blade	minimum 40T/80T blade,	
	Fuel Tank Capacity	1.2 liter	

A	Brush Cutter		
	Make, Brand	any	
	General	Type	
	Engine	Engine Air cooled, 2 Stroke, single cylinder petrol	
	Engine Displacement	40cc upto 55cc.	
	blade	minimum 40T/80T blade,	
	Fuel Tank Capacity	1.5 liter	

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Technical Specification for Farm Machinery and Equipments

S.N.	Name of implement with description	Required specification	Offered Specification by supplier
A Jab planter			
1	Make and model	any	
2	Compartment	Single (seed box only)	
3	Seed meters	Vertical Cell type	
4	Depth of sowing	up to 3" (with 0-3 holes for adjustment)	
5	Seed drop per jab	as per required (1-3)	
6	Total weight	1.5+kg	
	Volume	at least 2kg of seed at once	
	Total Price (Nrs.)		
	Total price in word		
B Jab planter			
1	Compartment	Double (both seed and fertilizer box)	
2	Seed meters	Vertical Cell type	
3	Fertilizer meter	adjustable Fluted roller	
4	Depth of sowing	up to 3" (with 0-3 holes for adjustment)	
5	Seed drop per jab	as per required (1-3)	
6	Total weight	2+ kg	
7	Volume	at least 2kg of seed at once	
	Total Price (Nrs.)		
	Total price in word		

Specification of Drip Irrigation with fertigation unit



S.N	Description	Required Specification	offered specification	offered rate with vat
1	Head unit			
a	Screen filter	Cylindrical shape Screen filter with external thread of inlet and outlet 75mm, 150 mesh with capacity not less than 40m ³ /hrs		
b	Hydrocyclone Filter	size of 65mm, pressure not less than 1.5kgf/cm ² , 32-40m ³ /hr		
c	VENTURI SYSTEM with manifold	used for Fertilizer & Chemical injection through drip irrigation system of size 2", should have amount of fertilizer injected amount reading scale.		
d	UPVC MTA, FTA			
2	MAIN LINE / SUB MAIN LINE			
a		VACUUM RELIEF VALVE 63/ end cap with lock and unlock mechanism		
b		16 mm plain pipe		
c	ONLINE DRIP PIPE 16MM	30/30 cm spacing of online drip pipe of discharge not less than 1l/hr		
d		GROMMET TECH-UP		
e		END CAP		

Specification of plastic tunnel materials and others

S.N	Description	Required Specification	Offered specification	Offered Rate With Vat
1	Mulching plastic	25 micron		
2	UV plastic	200 micron		
3	Insect Net	40 mesh		
4	GI profile/Zigzag wire			
5	Silpaullin plastic (for plastic pond)	250 GSM		

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