



नेपाल सरकार
कृषि, वन तथा पर्यावरण मन्त्रालय
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम

कार्यक्रम कार्यान्वयन एकाइ

पत्र संख्या:-२०८३/८४

च.नं.

कास्की



१८५६००७१००

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सामग्री आपूर्तिकर्ताहरूलाई सूचीकृत हुने तथा आर्थिक प्रस्ताव पेश गर्ने बारेको सूचना ।

प्रथम पटक प्रकाशित २०८३/०७/१३

प्रस्तुत विषयमा यस कार्यालयको आ.व. २०८३।८४ को स्वीकृत वार्षिक कार्यक्रम अनुसार कृषि तथा दुग्धजन्य औजार उपकरण एवं सामग्रीहरू अनुदानमा वितरणको निमित्त यस कार्यालयको website <https://piukaski.pmamp.gov.np/format> बाट प्राविधिक स्पेसिफिकेशन सहितको आर्थिक प्रस्ताव फारामहरू निशुल्क प्राप्त गरी यो सूचना प्रकाशन भएको मितिले ७ औं दिन कार्यालय समय भित्र उक्त सामग्रीहरू आपूर्ति गर्ने आधिकारिक उत्पादक/विक्रेता र सप्लायर्सहरूले सूचीकृत तथा आर्थिक प्रस्ताव पेश गर्नुहुन यो सूचना प्रकाशित गरिएको छ ।

तपसिल

१. कृषि यान्त्रीकरण तथा कृषि उपकरणका सामग्रीहरू
 २. प्लास्टिक घर निर्माण सम्बन्धि सामग्रीहरू
 ३. थोपा सिँचाई सम्बन्धि सामग्रीहरू
 ४. दुग्धजन्य उत्पादन सम्बन्धित यन्त्रीकरण सामग्रीहरू
- शर्त एवं कागजातहरू

- (१) आर्थिक प्रस्ताव पेश गर्दा निवेदन साथ फर्म दर्ता प्रमाण पत्र, संस्था नवीकरण प्रमाण पत्र वा कम्पनी भएमा कम्पनी रजिष्टारको कार्यालयबाट गरिने कम्पनी अद्यावधिक भएको पत्र, आ.व. ०८२/८३ को कर चुक्ता प्रमाण-पत्र, फर्मको व्यवसाय इजाजत पत्र र मु.अ.कर दर्ता प्रमाण-पत्रको प्रतिलिपिहरू संलग्न राखी पेश गर्नु पर्नेछ ।
- (२) व्यवसाय सञ्चालन गर्ने काम कारवाहीमा भाग लिन अयोग्य नभएको र आफूले यस सम्बन्धमा सजाय नपाएको वा कालो सूचीमा नपरेको भनि लिखित रूपमा गरेको स्वघोषणा ।
- (३) प्रस्ताव फारममा आपूर्ति गरिने सामग्रीहरूको स्पेसिफिकेशन समेत खुलाई नेपाली रुपैयाँ प्रति ईकाइ मूल्य दर अङ्क र अक्षरमा उल्लेख गर्नु पर्नेछ, अङ्क र अक्षरमा फरक परेमा अक्षरलाई मान्यता दिइनेछ ।
- (४) रित नपुगी वा म्याद नाघि आएका प्रस्ताव उपर कुनै कारवाही गरिने छैन ।

थप जानकारीको लागि

सम्पर्क: ०६१-५८३६१३, १८५६००७१००, १८५६००७१०१, १८५६००७१०३, १८५६००७१०४

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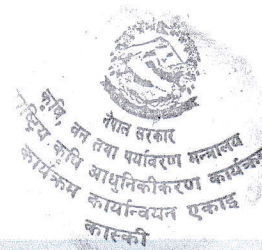
२०८३/०७/१३
धन बहादुर थापा मगर
वरिष्ठ कृषि अधिकृत

"स्वदेशी उत्पादनमा लगानी,
आत्मनिर्भर कृषिको थालनी"

"Invest in Domestic Production,
Path to Self-Sufficiency"



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आ.व. २०८३/८४

प्लास्टिक घर निर्माण सम्बन्धित सामग्रीहरु

S.N.	Agricultural Items	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
1	UV Plastic 200 micron	Greenhouse Polyethylene Plastic UV stabilized transparent film/diffused(50-80%) (200 microns) Anti-Drip, 5 or 7 layered, Super Strong, Anti Dust (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
2	UV Plastic black and white	Polyethylene Plastic UV stabilized black and white film (200 microns) Anti-Drip, 5 or 7 layered, Super Strong, Anti Dust (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
3	UV Plastic 100 micron	Greenhouse Polyethylene Plastic UV stabilized transparent film/diffused(50-80%) (100 microns) Anti-Drip, 5 or 7 layered, Super Strong, Anti Dust (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
4	Plastic 120 GSM transparent	Greenhouse Polyethylene 120 GSM transparent Plastic Sheet with reinforced edges and eyelets/eye locks at suitable regular intervals for fixing (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqf Offered Services if any Stock quantity -			

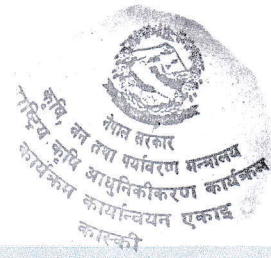
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आ.व. २०८३/८४

प्लास्टिक घर निर्माण सम्बन्धित सामग्रीहरू

5	Plastic 120 GSM black colour	Greenhouse Polyethylene 120 GSM black Plastic Sheet with reinforced edges and eyelets/eye locks at suitable regular intervals for fixing (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqf Offered Services if any Stock quantity -			
6	Anti Insect Net	UV stabilized White Anti Insect net of mesh size 40, not less than 70 GSM , Non-corrosive, water vapor resistant (Specify the weight and width of net available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
7	Anti Hail Net	UV stabilized High Density polyethylene (HDPE), transparent White Anti Hail net monofilament leno or rashed knitted type, comprehensive defence against dense hail condition, birds etc. not less than 70 GSM (Specify the weight and width of net available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
8	Aluminum Profile	Corrosion-resistant aluminium frame/profile and PVC-coated , rust-resistant GI zigzag wire having thickness not less than 0.2 mm with 0.8 to 0.9 mm aluminium profile for Greenhouse structures	Make and Model Country of Origin Proposed Specification Offered Services if any Stock quantity -			

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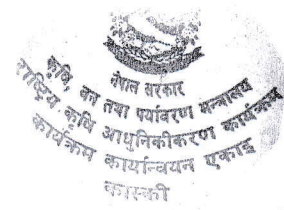
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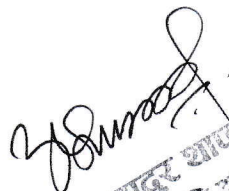


आ.व. २०८३/८४

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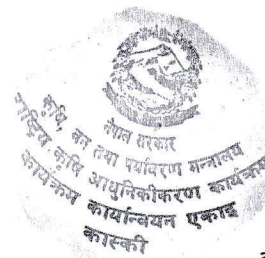
9	Mulching Plastic	Low Density Polyethylene (LDPE) UV stabilized mulching plastic sheet, thickness not less than 25-micron , colour of sheet white-black/silver-black (Specify the weight and width of net available)	Make and Model Country of Origin Proposed Specification Offered Services if any Stock quantity -			
10	Shade Net	HDPE Shade Net with (50% to 80%) shading capacity with weight not less than 80 GSM , Green in colour, preferred if UV protected. (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
11	Plastic 250 GSM	High Density Polyethylene (HDPE) 250 GSM Plastic Sheet for Plastic Pond with standard blue colour (Specify the weight and width of plastic sheet available)	Make and Model Country of Origin Proposed Specification Weight per sqm Offered Services if any Stock quantity -			
12	Metal Sprinkler	High-quality metal agricultural sprinkler suitable for irrigation, having a minimum wetted diameter/coverage diameter of 20-25 m , complete with a suitable sprinkler nozzle, stand, and connection pipe of 16-20 mm diameter. The sprinkler shall be durable, corrosion-resistant, and suitable for normal agricultural irrigation applications.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock quantity -			

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आ.व. २०८३/८४

प्लास्टिक घर निर्माण सम्बन्धित सामाग्रीहरु

13	Drip Irrigation Set	Drip irrigation with complete set compatible for 6*12 mtr tunnel having 6 to 8 laterals, inline dripper pipe, filters, GTO, Tape lock all complete	Make and Model			
		Drip irrigation with complete set compatible for 6*15 mtr tunnel having 8 laterals, inline dripper pipe, filters, GTO, Tape lock all complete	Country of Origin			
			Proposed Specification			
			Offered Services if any			
			Stock quantity -			

Delivery:- All items must be delivered to locations specified by office.

Warranty:-Minimum 6 month warranty against manufacturing defects.

Stocks:-Must be capable of meeting required demand quantities.

**The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications.*

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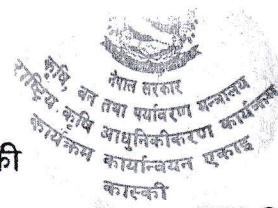
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मान बहादुर थापा मगर
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आ.व. २०८३/८४

**थोपा सिचाई(Drip Irrigation) तथा रेन पाइप (Rain hose pipe) जडान सम्बन्धित
सामग्रीहरू**

S.N.	Agricultural Items	Technical Specification (Size Range)	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
1	PVC pipe	50mm				
		63mm				
		75mm				
2	GTO with rubber	16mm				
		20mm				
3	Tape lock joiner	16mm				
		20mm				
4	Poly tube	16mm				
		20mm				
5	Inline Dripper pipe	16mm to 20 mm with variable spacing 30cm				
		16mm to 20 mm with variable spacing 50cm				
		16mm to 20 mm with variable spacing 60cm				
6	Emitter	2 litre/hour to 8 litre/hour				
7	Seal Tape					
8	Double lock joiner	16mm				
		20mm				
9	Pvc valve / control valve	50mm				
		63mm				
		75mm				
10	Sub-main valve	50mm				
		63mm				
		75mm				
11	Flush valve pvc	50mm				
		63mm				
		75mm				
12	Elbow pvc	50mm				
		63mm				
		75mm				

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प्रमुख कार्यकारी अधिकारी

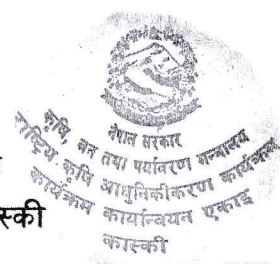


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थोपा सिचाई(Drip Irrigation) तथा रेन पाइप (Rain hose pipe) जडान सम्बन्धित

सामग्रीहरू

13	Equal tee pvc	50mm				
		63mm				
		75mm				
14	MTA pvc	50mm				
		63mm				
		75mm				
15	FTA pvc	50mm				
		63mm				
		75mm				
16	GI Reducer	1.5"*1"				
17	GI Tank Nipple	1.5"				
18	Perma Fix- Solvent Cement	1 litre				
19	Union pvc	50mm				
		63mm				
		75mm				
20	check valve Brass	50mm				
		63mm				
		75mm				
21	Water Filter	Screen compatible with 50mm pipe diameter				
		Screen compatible with 63mm pipe diameter				
		Disk compatible with 50mm pipe diameter				
		Disk compatible with 63mm pipe diameter				
22	Gi Nipple	1.5"*4" or usable size				
23	HDPE Elbow	50mm				
		63mm				
		75mm				
24	HDPE Tee	50mm				
		63mm				
		75mm				

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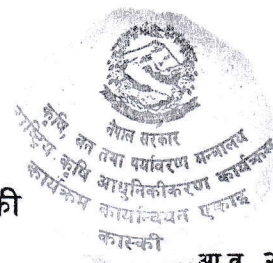
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आ.व. २०८३/८४

थोपा सिचाई(Drip Irrigation) तथा रेन पाइप (Rain hose pipe) जडान सम्बन्धित सामग्रीहरू

25	HDPE Nipple	50mm				
		63mm				
		75mm				
26	Ventury for fertigation	Set with compatible size				
27	Manifold PVC	50mm				
		63mm				
		75mm				
28	End Cap	50mm				
		63mm				
		75mm				
29	Coupler	50mm				
		63mm				
		75mm				
30	Installation charge per 500 sqm (approx 1 ropani)					

Rain Hose Pipe

1	Rainpipe	20mm				
		32mm				
2	Ball valve	20mm				
		32mm				
3	Rainport MTA	20mm				
		32mm				
4	Rainport Joiner	20mm				
		32mm				
5	Rainport End cap	20mm				
		32mm				
6	Pipe sleeve	20mm				
		32mm				
7	Service saddle	50mm*32mm				
		50mm*20mm				

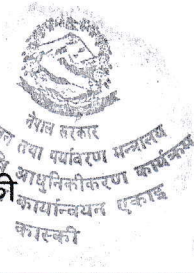
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आ.व. २०८३/८४

**थोपा सिचाई(Drip Irrigation) तथा रेन पाइप (Rain hose pipe) जडान सम्बन्धित
सामग्रीहरु**

8	End Stop	20mm				
		32mm				
9	Installation charge per 500 sqm (aprox 1 ropani)					

Delivery:- All items must be delivered to locations specified by office.

Stocks:-Must be capable of meeting required demand quantities.

Installation and Commissioning:-Supplier must accomplish proper installation and commissioning on site.

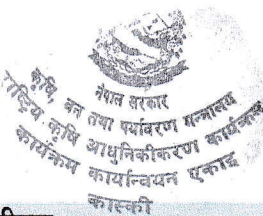
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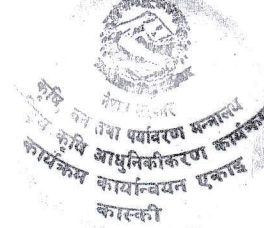
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कृषि यान्त्रिकरण सम्बन्धित सामग्रीहरु

S. N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
1	Mini Tiller (suitable for multipurpose farm work)	Mini tiller having rated engine power not less than 3.6kw with manual or electric start, equipped with 4 stroke, single cylinder, air cooled Petrol engine of 170F model or equivalent . Machine shall be equipped with a set of rotary tiller blades attached having minimum of 24 blades (4*3) , capable of providing a minimum tilling width of 800 mm and minimum tilling depth of 90 mm. The machine shall have Gear-drive power transmission with manual shifting of minimum 1- reverse and 2-forward gears, Height-adjustable steering handle and Standard agricultural/transport wheels for transportation, Gross weight must not be less than 80kg	Make and Model: Country of Origin: Proposed Specification: Offered Services if any Stock Quantity in number			
		Mini tiller having rated engine power not less than 3.6kw with manual or electric start, equipped with 4 stroke, single cylinder, air cooled Diesel engine of 173F model or equivalent . Machine shall be equipped with a set of rotary tiller blades attached having minimum of 24 blades (4*3) , capable of providing a minimum tilling width of 800 mm and minimum tilling depth of 90 mm. The machine shall have Gear-drive power transmission with manual shifting of minimum 1- reverse and 2-forward gears, Height-adjustable steering handle and Standard agricultural/transport wheels for transportation, Gross weight must not be less than 90kg	Make and Model: Country of Origin: Proposed Specification: Offered Services if any Stock Quantity in number			
		Mini tiller having rated engine power not less than 4.0kw with manual or electric start, equipped with 4 stroke, single cylinder, air cooled Diesel engine of 178F model or equivalent . Machine shall be equipped with a set of rotary tiller blades attached having minimum of 32 blades (4*4) , capable of providing a minimum tilling width of 800 mm and minimum tilling depth of 90 mm. The machine shall have Gear-drive power transmission with manual shifting of minimum 1- reverse and 2-forward gears, Height-adjustable steering handle and Standard agricultural/transport wheels for transportation, Gross weight must not be less than 115kg	Make and Model: Country of Origin: Proposed Specification: Offered Services if any Stock Quantity in number			
		Mini tiller having rated engine power not less than 6.0kw with manual or electric start, equipped with 4 stroke, single cylinder, air cooled Diesel engine of 186F model or equivalent . Machine shall be equipped with a set of rotary tiller blades attached having minimum of 40 blades (4*5) , capable of providing a minimum tilling width of 1000 mm and minimum tilling depth of 90 mm. The machine shall have Gear-drive power transmission with manual shifting of minimum 1- reverse and 2-forward gears, Height-adjustable steering handle and Standard agricultural/transport wheels for transportation, Gross weight must not be less than 140kg	Make and Model: Country of Origin: Proposed Specification: Offered Services if any Stock Quantity in number			



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कृषि यान्त्रिकरण सम्बन्धित सामग्रीहरु

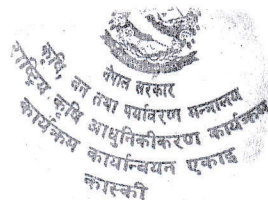
2	Power Tiller (suitable for multipurpose farm work)	Walking/Riding type Power Tiller having rated engine power not less than 12 Hp (approximately 9 kW) , horizontal single-cylinder 4-stroke diesel engine with water-cooling system with hopper type radiator , manual/hand-cranking starting system, Heavy-duty gear-type transmission with High and Low speed ranges (preferred), providing multiple forward speeds and reverse speed, suitable for both heavy field operations and transportation , equipped with adjustable handlebar with suitable steering/braking controls, equipped with rotary cultivator/rotavator having minimum 18 blades and minimum 600 mm tilling width , adjustable tilling depth of at least 150 mm , minimum ground clearance of 185 mm , agricultural tyres, complete with necessary accessories and suitable for multipurpose farm operations.	Make and Model			
		Walking/Riding type Power Tiller having rated engine power not less than 20 Hp (approximately 13.3 kW) , horizontal single-cylinder 4-stroke diesel engine with water-cooling system with hopper type radiator , manual/hand-cranking starting system, Heavy-duty gear-type transmission with High and Low speed ranges (preferred), providing multiple forward speeds and reverse speed, suitable for both heavy field operations and transportation , equipped with adjustable handlebar with suitable steering/braking controls, equipped with rotary cultivator/rotavator having minimum 26 blades and minimum 900 mm tilling width , adjustable tilling depth of at least 150 mm , minimum ground clearance of 185 mm , agricultural tyres, complete with necessary accessories and suitable for multipurpose farm operations.	Country of Origin			
3	Portable Power Weeder	Portable Power Weeder of 4 stroke Petrol Engine not less than 3.0kw capacity , overall cultivation width-adjustable from 450 to 900mm or minimum 18 number of blades, Rated engine speed not less than 3600 RPM (preferred) , power transmission gear type with forward and reverse gear (optional) arrangement. Gross weight must not be more than 40kg .	Proposed Specification			
			Offered Services if any			
			Stock Quantity in number			

इ. अर्जुन गौतम
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४०५ एप्रिल "क" वर्ग

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कृषि यान्त्रिकरण सम्बन्धित सामग्रीहरू

4	Portable Power Sprayer	High Pressure (HTP) Petrol Sprayer having a 4-stroke petrol engine with rated power of not less than 2.0 kw. The sprayer shall have an HTP pump capable of operating at a working pressure adjustable within the range of 10-40 kg/cm ² (1-4) MPa and shall have a discharge rate of not less than 10 L/min. The machine shall be provided with a minimum 30 m long, high-quality high-pressure hose pipe with a suitable hose-reel/rolling arrangement. It shall be supplied with a spray lance and spray nozzle/gun, capable of achieving a vertical spray range of more than 10 m. The machine shall be portable and complete with all necessary fittings, connectors and standard accessories required for safe and efficient operation.	Make and Model			
			Country of Origin			
			Proposed Specification			
			Offered Services if any			
			Stock Quantity in number			
		Single phase Portable Electric High Pressure Power Sprayer having an electric motor power not less than 1.5Kw electric power, operating at 2800 rpm, provided with minimum of 30m long, high quality high pressure hose pipe with hose reel/rolling arrangement, recommended working pressure of 1-5 Mpa supported with compatible spray lance and nozzle	Make and Model:			
			Country of Origin:			
			Proposed Specification:			
			Offered Services if any			
			Stock Quantity in number			
5	Chain Saw	Chain Saw 2 Stroke Petrol Operated, Guide Bar Length: 18-24 inch, Engine Displacement: not less than 70 cc, Engine Power: not less than 3.2 kW, air-cooled 2-stroke petrol engine, automatic chain lubrication system, recoil starting system, chain brake, anti-vibration system and necessary safety features, lower sound pressure level (dB(A)) preferred, complete with guide bar, saw chain, chain cover and standard tool kit	Make and Model			
			Country of Origin			
			Proposed Specification			
			Offered Services if any			
			Stock Quantity in number			
6	Brush cutter	Brush Cutter having a 4-stroke petrol engine with engine displacement of not less than 31 cc, suitable for back-pack or side-pack operation. The machine shall be supplied with suitable cutting attachments, including a minimum 3-tooth (3T) metal blade, 40-tooth (40T) blade, 80-tooth (80T) blade, and nylon trimmer head/line, as applicable. The machine shall be complete with all necessary harness, guards, cutting attachments, tools, and standard accessories required for safe and efficient operation.	Make and Model			
			Country of Origin :			
			Proposed Specification			
			Offered Services if any			
			Stock Quantity in number			

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३०४ एमकेएच "क" वर्ग

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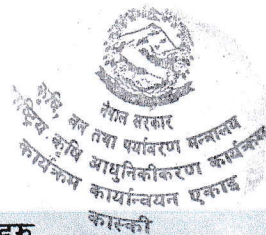
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कृषि यान्त्रिकरण सम्बन्धित सामाग्रीहरु

7	Petrol water Pump	Petrol water Pump of self-priming with 2-inch to 3-inch outlet and inlet, minimum 5 hp engine power, suction head not less than 7mtr and delivery head not less than 20 mtr .	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number		
8	Battery cum manual Sprayer (2in1)	2-in-1 manual cum battery-operated knapsack sprayer having a 12 V rechargeable battery of 8 Ah or 12 Ah capacity, with a working pressure of 0.10-0.45 MPa and a tank capacity of not less than 16 litres . The sprayer shall be equipped with a brass trigger preferably , and shall be suitable for agricultural spraying. The machine shall be supplied with all necessary spray lance, nozzle, charger, straps, fittings, and standard accessories required for safe and efficient operation.	Make and Model : Country of Origin: Proposed Specification: Offered Services if any Stock Quantity in number		
9	Pit Digger/Earth Auger	Petrol engine, Single cylinder Two/Four stroke , capacity 1.2-2 kw, 8"-12" MS drill bit, fuel tank capacity not less than 0.5 litre	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number		
10	Digital Weighing Machine	Digital Weighing Machine of Capacity 100 kg, Loaded with Rechargeable Battery, Large LED/LCD display mounted on the upper/front portion for easy reading by the operator , The weighing platform shall preferably be made of stainless steel or other durable, corrosion-resistant material, High Precision Load Cell, Auto calibration facility with standard weigh , must got latest approval from Nepal Bureau of Standard and Metrology	Make and Model: Honda Country of Origin : Proposed Specification Offered Services if any: Stock Quantity in number		
		Digital Weighing Machine of Capacity 150 kg, Loaded with Rechargeable Battery, Large LED/LCD display mounted on the upper/front portion for easy reading by the operator , The weighing platform shall preferably be made of stainless steel or other durable, corrosion-resistant material, High Precision Load Cell, Auto calibration facility with standard weigh , must got latest approval from Nepal Bureau of Standard and Metrology	Make and Model Country of Origin Proposed Specification: Offered Services if any: Stock Quantity in number		

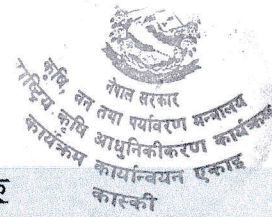
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11	Raised Bed Former	Inter cultivator with Raised bed former having rated engine power not less than 4kw with manual or electric start, equipped with 4 stroke, single cylinder, air cooled Diesel engine. Machine shall be equipped with a set of rotary tiller blades, capable of providing a minimum tilling width of 600 mm. Machine should have a ditcher function mechanism with ditch width minimum 30 cm and depth minimum 15 cm. The machine shall have Belt/Gear-drive power transmission with manual shifting of minimum 1- reverse and 2-forward gears, Height-adjustable steering handle and Standard agricultural/transport wheels for transportation	Make and Model Country of Origin Proposed Specification: Offered Services if any: Stock Quantity in number			
12	Delivery Cotton Pipe	2 inch	Make and Model Country of Origin Proposed Specification: Offered Services if any: Stock Quantity in number			
		3 inch				
		4 inch				
13	PVC Suction Hose Pipe (Hard)	2 inch	Make and Model Country of Origin Proposed Specification: Offered Services if any: Stock Quantity in number			
		3 inch				
		4 inch				

Tools:-A set of tools as required for general maintenance shall be supplied.

Warranty:-Minimum six month warranty against manufacturing defects.

Delivery:- All items must be delivered to locations specified by office.

Stocks:-Must be capable of meeting required demand quantities.

Initial Service:-The supplier shall provide all the necessary filters, engine oil, gear oil and spare parts required for the operations of

Training:- For all the farm machinery training for Operator and General maintenance training shall be provided

Installation and Commissioning:-Supplier must accomplish proper installation and commissioning on

**The major items are indicated by bold and highlighted letters/alphabet/figures in the technical specifications.*

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ड. अर्जुन जोतम
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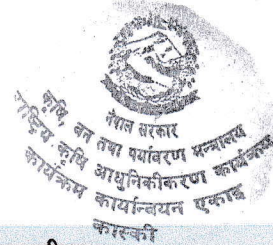
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S.N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
1	Combined Rice Mill	Combined Rice Mill that must be capable of removing paddy husk, whitening or polishing rice, crushing rice bran in a single integrated unit, it must be equipped with an alloy-steel roller that the rice has low breakage after processed, body material: Heavy duty MS or steel, Capacity: rice mill not less than 50Kg/hr designed to minimize grain breakage, pulverizer not less than 80kg/hr, Pulverizer type: Disc/Hammer type or equivalent, Rice milling mechanism: Roller type or equivalent suitable rice-milling mechanism, Motor Power: 2.2kw ± 0.2 kw, single phase, 50 Hz with Motor winding: 100% copper winding, must be applicable in both milling of cereals such as rice, wheat, millet etc., safety: Properly guarded rotating and moving parts	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
2	Milk Can	Hygienic Food grade approved, Milk cans must made caring hygienic point of view giving mirror polish, SS 304 Milk Can, 10 Ltr Capacity Hygienic Food grade approved, Milk cans must made caring hygienic point of view giving mirror polish, SS 304 Milk Can, 20 Ltr Capacity Hygienic Food grade approved, Milk cans must made caring hygienic point of view giving mirror polish, SS 304 Milk Can, 40 Ltr Capacity	Make and Model Country of Origin Proposed Specification Offered Services if any			
3	Cow Mat	Heavy duty interlocking or non interlocking high quality rubber cow mat having size 6*4 feet and 6.5*4 feet, thickness not less than 15 mm, weight not less than 30 kg. The mat shall have a non-slip surface and shall be resistant to moisture, abrasion, and normal livestock use.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
4	Chaff Cutter	Conveying type heavy duty electric chaff cutter having Single phase high quality electric motor, power output not less than 1.5 kw electric motor with 220V, motor speed not less than 1440 rpm, must provided with at least 2 number of feed roller, shall fully equipped with accessories for efficient full load operation of chaff cutter along with safety features, number of blade at least 2 with blade protector, mild steel/ cast iron frame structure, capacity not less than 150kg/h, can be used for green grass, straw etc., machine dry weight must be greater than 85kg	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			

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डॉ. अर्जुन गौतम
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८०५ एमिलियर "क" वर्ग

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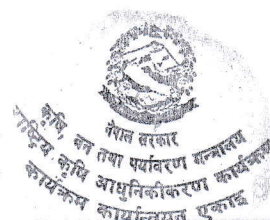
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मान बहादुर थापा मगर
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पोस्ट हार्भेस्ट तथा डेरी यान्त्रिकरण सम्बन्धित सामग्रीहरू

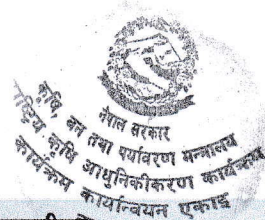
S.N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
5	Milk Analyser	The milk analyzer shall measure and display fat , Solids-Not-Fat (SNF), added water, and other specified milk quality parameters. The fat range shall be at least 0.5-12%, with 0.1% resolution and ±0.1% accuracy . The SNF range shall be at least 3-12%, with 0.1% resolution and ±0.2% accuracy. The added-water measurement range shall be at least 0-60%, with accuracy as specified by the manufacturer. The measuring time shall not exceed 40 seconds, and the sample volume shall be 25 ml or less. The equipment shall have a digital display and operate on 220-240 V AC, single-phase, 50 Hz , with 12 V DC input where applicable. Necessary accessories, installation, user training, and a minimum one-year warranty shall be provided.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
6	Chilling Vat 500 Ltr	Cooling Capacity: 500 ltrs of milk from 35°C to 4°C in 4 hours time, Material of Fabrication: SS 304 food Grade, Thickness of SS Sheet: a) Inner Thickness 1.5-2mm b)Outer Thickness 1.2-1.6 mm Shape of Chilling Vat: Rectangular/Circular/Elleptical, Electric Supply Single or Three Phase with Agitator 28-40 Rpm with motor,gear box, SS shaft and blades, Insulation 75mm or more thick PUF insulation, temperature increase <2°C/24 hr, Outlet Valve: 1.5 inch(38mm), Butterfly Valve, Cover for Chilling Vat: SS Cover Cooling System: Direct expansion Type Refrigerant: R404a/134a/407c, Compressor: minimum refrigeration capacity of 5 kW , Condenser: Air cooled Condenser with expansion Valve, Filter Dryer, liquid receiver,etc., Evaporator/Cooling unit: Dimple plate type, Control Panel: Dust and Moisture proof Tank/Wall mounted electronic control panel,Manual and Auto mode operation, MCB,Contractors, Overload Relays,electronic thermostat with indicator,HPLP switch, etc., Milk Volume Measurement: At least 20-25 lit graduation SS dip stick	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			

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ई. अर्जुन गौतम
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S.N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
7	Chilling Vat 1000 Ltr	Cooling Capacity: 1000 ltrs of milk from 35°C to 4°C in 4 hours time, Material of Fabrication: SS 304 Grade, Thickness of SS Sheet: a) Inner Thickness 1.5-2mm b)Outer Thickness 1.2-1.6 mm Shape of Chilling Vat: Rectangular/Circular/Elleptical, Electric Supply Single or Three Phase with Agitator 28-40 Rpm with motor, gear box, SS shaft and blades, Insulation 75mm or more thick PUF insulation, temperature increase <2°C/24 hr, Outlet Valve: 1.5 inch(38mm), Butterfly Valve, Cover for Chilling Vat: SS Cover Cooling System: Direct expansion Type Refrigerant: R404a/134a/407c, Compressor: minimum refrigeration capacity of 7 kW, Condenser: Air cooled Condenser with expansion Valve, Filter Dryer, liquid receiver, etc., Evaporator/Cooling unit: Dimple plate type, Control Panel: Dust and Moisture proof Tank/Wall mounted electronic control panel, Manual and Auto mode operation, MCB, Contractors, Overload Relays, electronic thermostat with indicator, HPLP switch, etc., Milk Volume Measurement: At least 20-25 lit graduation SS dip stick	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
8	Wheel barrow	One wheeled, wheel barrow having two handles and one container, unbreakable iron body, durable metal frame, wheel constructed of mild steel disk type fitted with pneumatic tyres used for variety of things such as disposing manure, fertilizers etc.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
9	Animal Feed Pellet Machine	Feed pellet machine having copper binded electric motor with power not less than 2.2kw ± 0.2 kw, single phase, operation mode: semi automatic hammer mill type, Build Material: robust CI/ MS build body, capacity not less than 50kg/hr, output pellet size: 2mm to 6mm provided with required number of die (minimum of 2 No.)	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
10	Milking Machine (Single Bucket)	Milking machine single bucket having power not less than 0.5kw single phase, pneumatic (air-driven) pulsator with vaccum pump capacity minimum of 150L/min having efficient and continuous vaccum operation, capacity and weight of stainless steel tank with size must be minimum 25 litre and 3 kg weight, milk claw (cluster) with minimum of 280cc with plastic cover compatible with standard teat cup liners for cow and buffalo, MOC SS304 or food grade, output capacity must be more than 2 L/min., suitable for small dairy farms and be used for cow and buffalo.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			

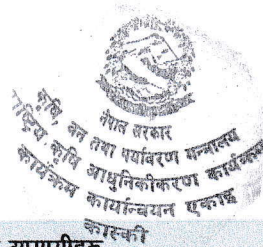
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पोस्ट हार्भेस्ट तथा डेरी यान्त्रिकरण सम्बन्धित सामग्रीहरू

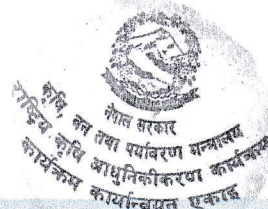
S.N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
11	Milking Machine (Double Bucket)	Milking machine double bucket having power not less than 1.1kw, single phase, pneumatic (air-driven) pulsator with vacuum pump capacity minimum of 150L/min having efficient and continuous vacuum operation, capacity and weight of stainless steel tank with size must be minimum of two stainless steel tanks, each with a minimum capacity of 25 litres and a minimum weight of 3 kg, two milk claw (cluster) with minimum of 280cc with plastic cover compatible with standard teat cup liners for cow and buffalo, MOC SS304 or food grade, output capacity must be more than 2L/min., suitable for medium dairy farms and be used for cow and buffalo.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
12	Deep Freeze (D-Freeze)	Deep Freeze having capacity approx 200-250 ltr gross, must have auto cut off system with glass sliding chest freezer having single or double door, copper coil material with refrigerant R600a/R134a or any CFC free, inner cabinet made up of Aluminium/SS/PP layer running from single phase electric supply, minimum 1 year warrenty on other parts and 5 years on compressor.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
13	Deep Freeze (D-Freeze)	Deep Freeze having capacity approx 300-350 ltr gross, must have auto cut off system with glass sliding chest freezer having single or double door, copper coil material with refrigerant R600a/R134a or any CFC free, inner cabinet made up of Aluminium/SS/PP layer running from single phase electric supply, minimum 1 year warrenty on other parts and 5 years on compressor.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
14	Deep Freeze (D-Freeze)	Deep Freeze having capacity approx 500-540 ltr gross, must have auto cut off system with glass sliding chest freezer having single or double door, copper coil material with refrigerant R600a/R134a or any CFC free, inner cabinet made up of Aluminium/SS/PP layer running from single phase electric supply, minimum 1 year warrenty on other parts and 5 years on compressor.	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			

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३०५ एमकेविए "क" वर्ग

डॉ. बहादुर शर्मा
वरिष्ठ कृषि अधिकृत



नेपाल सरकार
कृषि वन तथा पर्यावरण मन्त्रालय
राष्ट्रिय कृषि आधुनिकीकरण कार्यक्रम
कार्यक्रम कार्यान्वयन एकाइ, कास्की



आ.व. २०८३/८४

पोस्ट हार्भेस्ट तथा डेरी यान्त्रिकरण सम्बन्धित सामग्रीहरू कास्की

S.N.	Name of Farm machinery & Equipments	Technical Specification	Proposed Specification by Suppliers	Rate (include vat for applicable items)	Rate in Word	Remarks
15	Deep Freeze (D-Freezer)	Deep Freeze having capacity approx 550-600 ltr gross, must have auto cut off system with glass sliding chest freezer having single or double door, copper coil material with refrigerant R600a/R134a or any CFC free, inner cabinet made up of Aluminium/SS/PP layer running from single phase electric supply, minimum 1 year warrenty on other parts and 5 years on compressor .	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
16	Cow lifting Machine	Mechanical or hydraulic Cow lifter machine suitable for assisting downer or injured cows and buffaloes, designed for safe lifting and supporting the animal in standing position for treatment and recovery, Power requirement (if motorized): Not less than 0.5 kW ± 0.1 kW , single phase, 220-240 V, 50 Hz (optional manual/hydraulic operation acceptable), lifting capacity: Minimum 800-1000 kg live animal weight, Lifting height: Adjustable, minimum 300-500 mm , suitable for different body sizes of cow and buffalo, Frame material: Heavy-duty MS frame with corrosion-resistant coating or SS304 in animal contact areas, Animal contact components: Soft padded belts, clamps, or support bars made of food-grade rubber / nylon / leather padding to prevent injury and ensure animal comfort, Adjustability: Width and height adjustable to suit different sizes of cow and buffalo with safety features: Non-slip base or locking wheels , Secure locking arrangement to prevent sudden drop, rounded edges to avoid animal injury, Provided with heavy-duty wheels/castors for easy movement inside dairy shed, Easy to operate by one or two persons with minimum physical effort	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			
17	Grass Cutting/Trimming Machine	Power Source: Rechargeable Lithium-ion battery not less than 24 V for cordless operation with removable type and fast charging. It must run minimum of 1 hour for continuous operation. Motor / Performance: High-speed electric motor suitable for trimming grass and light brush cutting around gardens and outdoor areas Weight: Lightweight design Safety & Protection: Blade guard included for user protection during cutting operations Application: Designed for garden lawn maintenance, trimming grass around fences, trees, under shrubs, and light weed cutting in residential or small farm settings	Make and Model Country of Origin Proposed Specification Offered Services if any Stock Quantity in number			

Tools:-A set of tools as required for general maintenance shall be supplied.
Warranty:-Minimum one-year warranty against manufacturing defects.

Delivery:- All items must be delivered to locations specified by office.

Stocks:-Must be capable of meeting required demand quantities.

Initial Service:-The supplier shall provide all the necessary filters, engine oil, gear oil and spare parts required for the operations of machine.

Training:- For all the farm machinery training for Operator and General maintenance training shall be provided by

Installation and Commissioning:-Supplier must accomplish proper installation and commissioning on site.

**The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications.*

Prepared By:

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Approved By: