



बाह्रदशी गाउँपालिका गाउँ कार्यपालिकाको कार्यालय



प.सं. : २०८२/०८३
च.नं. : २४६२



नेपाल सम्बत् १९४६
मिति २०८२/११/२८

श्री सप्लायरस फर्महरु सबै ।

विषय: दररेट पेश गर्ने सम्बन्धमा ।

प्रस्तुत विषयमा यस बाह्रदशी गाउँपालिका अन्तर्गत रहेको कृषि शाखाका लागि तपशिल बमोजिमको कृषि सामग्रीहरु आवश्यक परेको हुदाँ आजको मितिबाट ७ (सात) दिन भित्र प्रति इकाई दररेट पेश गर्नुहुन सबै सप्लायरस फर्महरुलाई अनुरोध छ । साथै यस सूचना र Technical Specification बाह्रदशी गाउँपालिकाको वेबसाईट <https://bahradashimun.gov.np/> बाट समेत हेर्न सकिनेछ ।

सि.नं	विवरण	प्रति इकाई दर	मु.अ.कर वाहेकको रकम	मु.अ.कर सहितको रकम	कैफियत
1	Spray Tanky 16l (2in 1)				As per Detailed Technical Specification Attached With this letter.
2	2 inch Electrical motor				
3	Mini corn thresher(sheller)				
4	3 Inch diameter PVC filter (20 feet long)				
5	3"×1 1/2" Dia GI Reducer Tee				
6	Jap Planter(Double barrrel portable seed and fertilizer seeder)				
7	Makae ropney machine chakkewala (manual hand push seeder and fertilizer planter)				
8	5 inch delivery pipe				
9	1.5 inch Electrical Motor				
10	Combine mill				
11	Mesh(jaal)				
12	Rotavator (Rotary Miller)				
13	25liter spray tank(petrol engine)				

बोधार्थ: श्री सूचना प्रविधि शाखा वेबसाईटमा अपडेट गर्नुहुन ।

2082/11/28

गजेन्द्र थपलिया

प्रमुख प्रशासकीय अधिकृत
गजेन्द्र थपलिया
प्रमुख प्रशासकीय अधिकृत

www.bahradashimun.gov.np

bahradashim@gmail.com

“व्यावसायिक र सिर्जनशील प्रशासन: विकास, समृद्धि र सुशासन”

Technical specification of 2HP water pump (3 inch)

Sl No	Item	Required Specification	Offered specification
1	Technical specification	Required Specification Type : Mono block centrifugal Power: 2HP Motor phase: single phase Voltage: 120-220v (both low and high) Frequency: 50 Hz Speed:2840 rpm Pipe size:80x80mm Head maximum-12m Head minimum - 8m Discharge flow: 14.1LPS (at 6m head) 12.4LPS(at 8m head) 10.5LPS (at 10m head) 7.5LPS (at 12 m head) Gross Weight:45 kg (Net weight-41kg not less than that) Dimension - 575 x 400 x 315 mm Bearing size-6205zz and 6204zz Capacitor-50 MFD Stamping size -10 cm or 4 inch Certification: ISO Overall efficiency -50% (not less than that) Turning coil and running coil : high-quality copper wire Total coil weight \geq 2 kg	
2	Construction of coil		
3	Materials of construction	Impeller: cast iron Motor body: cast iron Pump shaft-carbon steel Sealing: mechanical seal Coil-pure copper	
4	Additional features	TOP: Thermal Overload Protector (overload protection) Coating - CED coating on impeller , motor body delivery casing Warranty- One year (12 months) on manufacturing defect	



[Handwritten Signature]
 गजेन्द्र थपलिया
 प्रमुख प्रशासकीय अधिकारी

[Handwritten Signature]
 2082/11/208
 Er. Dilip Kumar Masara
 MEC Regt No.: 3307 (Mechanical)
 Category: 'A'

Technical specification of 1 HP water pump (2 Inch)

S.no	Item	Required specification	Offered specification
1	Technical specification	Type : Mono block centrifugal	
		Power: 0.75kW and 1HP	
		Motor phase: single phase	
		Voltage: 120-220v (both low and high)	
		Frequency: 50 Hz	
		Speed:2700 rpm	
		Pipe size:50x50mm	
		Head:6.4 meter	
		Discharge flow: 6.9LPS (at 6m head) 5.5LPS(at 8m head) 3.9LPS (at 10m head) 2LPS (at 12 m head)	
		Weight:28 kg	
	Certification: ISO		
	Overall efficiency -40% (not less than that)		
2	Materials of construction	Impeller: cast iron Motor body: cast iron Pump shaft-carbon steel Sealing: mechanical seal Coil-pure copper	
3	warranty	One year (12 months) on manufacturing defect	



गजेन्द्र थपलिया
प्रमुख प्रशासकीय अधिकारी

[Handwritten Signature]

En. Dilip Kumar Aminadi
NEC Pgt No.: 3307 "Mechanical"
Category - 'A'

~~24/11/26~~
2/8/21 11/26

Technical specification of 0.75 HP water pump (1.5 inch)

S. No.	Item	Required Specification	Offered Specification
1	Technical Specification	Type: Mono block centrifugal pump Power: 0.75 HP (0.5 kW) Motor phase: Single phase Voltage: 120-220 V (both low and high) Frequency: 50 Hz Speed: 2700-2840 RPM Pipe size: 40 x 40 mm Maximum Head: 12 m Minimum Head: 6 m Discharge Flow: 5.0 LPS (at 6 m head) 4.2 LPS (at 8 m head) 3.2 LPS (at 10 m head) 2.0 LPS (at 12 m head) Gross Weight: 22 kg (Net weight not less than 20 kg) Capacitor: 25 MFD Certification: ISO Overall efficiency: $\geq 40\%$	
2	Construction of Coil	Turning coil and running coil made of high-quality copper wire Total coil weight ≥ 1.2 kg	
3	Materials of Construction	Impeller: Cast iron Motor body: Cast iron Pump shaft: Carbon steel Sealing: Mechanical seal Coil: Pure copper	
4	Additional Features	TOP: Thermal Overload Protector (overload protection) Coating: CED coating on impeller, motor body, and delivery casing Warranty: One year (12 months) against manufacturing defect	



[Handwritten Signature]

गजेन्द्र धरालिया
मुख्य प्रशासक अधिकृत

~~147~~
2082/11/26

Er. Dilip Kumar Mandal
NEC Regt No.: 3307 "Mechanical"
Category: /

Technical specification 25 Liter spray tank (petrol engine)

Sn	Item	Required Specification	Offered specification
1	Identification	Equipment Type: Power Sprayer (Engine Operated) Application: Professional Agricultural Spraying	
2	Power Plant	Engine Type: 4-Stroke Petrol Engine (Air-Cooled) Displacement: Approximately 35 cc Fuel Type: Petrol Lubrication: Dedicated 4-Stroke Engine Oil Sump	
3	Performance	Working Pressure: 1.5 – 2.5 MPa Discharge Rate: 3.0 – 8.0 Liters per minute	
4	Capacity	Chemical Tank: 25 Liters (High-Density UV-Stabilized Plastic) Fuel Tank: Approximately 900 ml	
5	Weight	Net Weight: Approximately 11.3 kg	
6	Box Contents	Main Unit: 1 Unit (Integrated Tank with Engine Assembly) Delivery System: 1 High-Pressure Hose Pipe and 1 Sprayer Lance Nozzle Set: 1 Set of 3-Head Nozzles for Wide Coverage Maintenance Accessories: 1 Tool Kit and 1 Heavy-Duty Padded Belt Controls: Pressure Adjuster and Operation Manual Consumables: 1 Bottle of 4-Stroke Engine Oil	



[Handwritten Signature]

ಗೌರವ್ ಥರಸಿಯಾ
 ಪ್ರಸು ಬ ಪ್ರಾಸಾರಕಿಯ ಅಧಿಕಾರಿ

145/082/11/26
 Mr. Hrip Kumar Mandali
 HEC No. 3307 "Mechanical"

Technical specification 16 Liter spray tank

Sn no	particulars	Specifications	Offered specification
1	Type	Manual and Battery Sprayer (2 in 1)	
2	Tank Capacity	Volume: 16 Liters	
3	Tank Material	High-density polyethylene (HDPE) or plastic	
4	Tank wall thickness	1-2 mm (for durability and pressure resistance)	
5	Battery	12 V 8 AH Battery (Rechargeable)	
6	Charger	1.0A Charger	
7	Working pressure	Not less than 2 bar	
8	Pump Handle:	Ergonomically designed for ease of use, typically made of plastic or metal	
9	Hose	Length: Typically, 1.5 to 2 meters Material: Reinforced rubber or PVC Diameter: Usually around 6-10mm	
10	Nozzle	Adjustable nozzle for different spray types	
11	Spare parts	3 nozzle(Single, double, and flower type nozzle)	
12	Spray Handle	Comfortable grip, often with a trigger lock for continuous spraying	
13	Seal Type:	Secure, leak-proof cap with a gasket to prevent spillage	
14	Discharge flow	Min 2000ml/min	
15	Assembly	Proper and meticulous assembly is required to ensure the equipment functions effectively and reliably.	
16	Back pad	Equipped with a padded back support for comfortable and ergonomic carrying during extended use.	
17	Warrantee	Minimum 1 years	



[Signature]
 गजेंद्र धरलिया
 प्रमुख प्रशासक अफिसर

[Signature]
 20082/1/1/26

Er. Dhip Kumar Prasad
 NECR No: 3307 (M/T/2020)

4 Inch Boring Set

S.N.	Particulars	Required Specifications	Offered Specifications
1	4" Dia PVC Pipe – 20 ft	10 ft long PVC pipe, Diameter: 4", Minimum weight: 7 kg per piece	
2	4" Dia PVC Filter – 20 ft	10 ft long PVC filter, Diameter: 4", Minimum weight: 6 kg per piece	
3	4" Dia NS GI Pipe (1.5 m long, both sides fully threaded)	4" diameter, 5 ft long GI pipe, medium grade. Minimum weight: 9 kg	
4	4" x 3" x 1.5" GI Pipe Reducer Tee	Cast Iron; internal thread on 4" and 1.5" sides, external thread on 3" side	
5	1.5" GI Nipple (6 inch long)	Medium grade GI nipple, 1.5" diameter and 6" length	
6	16 kg Tubewell Head (Normal)	Tubewell head with minimum weight 16 kg	

3 Inch Boring Set

S.N.	Particulars	Required Specifications	Offered Specifications
1	3" Dia PVC Pipe – 20 ft	10 ft long PVC pipe, Diameter: 3", Minimum weight: 4.5 kg	
2	3" Dia PVC Filter – 20 ft	10 ft long PVC filter, Diameter: 3", Minimum weight: 4 kg	
3	3" Dia NS GI Pipe (1.5 m long, both sides fully threaded)	3" diameter, 5 ft long GI pipe, medium grade. Minimum weight: 6 kg	
4	3" x 3" x 1.5" GI Pipe Reducer Tee	Cast Iron; internal thread on 3" and 1.5" sides, external thread on 3" side	
5	1.5" GI Nipple (6 inch long)	Medium grade GI nipple, 1.5" diameter and 6" length	
6	16 kg Tubewell Head (Normal)	Tubewell head with minimum weight 16 kg	

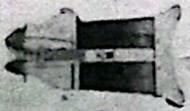


राजेश्वर भण्डारिया
सिंह प्रशासक अधिकृत

14/08/2011/26

Dr. Jijig Kumar Mandal
NEC Ref No. 3307/Mech/2011
Category: /

Double Barrel Portable Seed & Fertilizer Seeder

S.N.	Section	Item	Technical Specification	
1	General	Product Name	Double Barrel Portable Seed & Fertilizer Seeder	
		Type	Portable Seeder	
2	Performance	Operation	Manual hand operated (no fuel or electricity required)	
		Seeding Capacity	1-3 seeds per operation	
		Working Efficiency	Approx. 8000 - 10000 m ² per day	
		Application Crops	Corn, Soybean, Peanut, Cotton and similar crops	
3	Construction	Body Material	High impact durable plastic body	
		Barrel Type	Double barrel seed and fertilizer chamber	
		Handle Design	Hand-held portable ergonomic handle	
4	Physical Data	Metering System	Manual trigger operated seed release mechanism	
		Net Weight	Approx. 2.5 kg	
		Design	Lightweight portable agricultural planter	
5	Additional	Image		



[Handwritten Signature]

गजेन्द्र थपलिया
मुख्य प्रशासकीय अधिकारी

Lt. Dilip Kumar Mandal

NIC Reg No.: 3307

Category: A

[Handwritten Signature]
11/12/26

Manual hand-push seeder & fertilizer planter

Sn	Section	Item	Technical Specification / Description	Offered specification
1	General	Product Name	Manual Hand-Push Seeder & Fertilizer Planter	
		Model / Type	12T Rotary Seed Drill	
2	Performance	Operation	Manual (No fuel or electricity required)	
		Number of Tynes	12 Precision Teeth	
		Row Configuration	Single Row	
		Seeding Distance	Adjustable: 8" to 12" (20 cm to 30 cm)	
		Planting Depth	Fixed / Adjustable Rotary Injection	
3	Construction	Working Width	Adjustable	
		Body Material	High-impact Hard Durable Plastic	
		Handle Material	MS (Mild Steel) with Ergonomic Grip	
		Tyne/Teeth Material	Corrosion-Resistant Stainless Steel	
		Metering System	Rotary Drum / Roller Seeding Mechanism	
4	Physical data	Wheel Design	Traction-Focused Rotary Drive	
		Net Weight	7.0 kg (approx)	
		Portability	Lightweight, Compact Design for Easy Transport	
5	Additional	Compatibility	Suitable for Corn, Maize, Soy, and Legumes	
		Image		



[Signature]
 गजेंद्र धरसिंघा
 प्रमुख प्रशासकीय अधिकारी

25/11/26
 282

Dr. Dilip Kumar
 HEC Ref. No.: 3307/MC/2026
 1/1/2026

Maize Sheller

Sn no	particulars	Specifications	Offered specification
1	General description	Single-phase asynchronous motor maize sheller equipped with a dual capacitor system and adjustable multi-speed gearbox for corn shelling operation	
2	Power Requirement	Minimum power capacity of 1.5 kilowatts for effective operation	
3	Rotor Size	Rotor diameter should be 590 mm or smaller	
4	Output Capacity	Shelling performance must be capable of delivering at least 400 kilograms per hour	
5	Machine Dimensions	Minimum overall size of the machine should be approximately 700 mm x 350 mm x 250 mm	
6	Total Weight	Gross machine weight should be at least 18 kilogram	



[Handwritten Signature]
गजेन्द्र शर्मा
सह प्रशासक अधिकृत

[Handwritten Signature]
2081/1/26

Ed. Drip Kumar
NIC Reg. No. 8337

Combined rice mill

Sn	Part	Particulars	Specification	Offered Specification
1	General	Machine Type	Combined Rice Milling Machine (Rice Mill + Crusher)	
		Motor Power	2.2 kW / 3 HP	
		Motor Type	100% Copper Winding	
		Voltage	220V	
		Frequency	50 Hz	
		Phase	Single Phase	
		Motor Speed	2800 RPM	
		Body Material	Heavy-duty Mild Steel with anti-corrosive paint	
		Frame Type	Rigid welded steel frame	
		Drive System	Belt and pulley drive	
		Cooling System	Air cooled motor	
		Safety Cover	Provided on all rotating parts	
		Motor Protection	Thermal overload protection	
		Warranty	Minimum 1 year	
2	Rice Mill Part	Roller Size	Ø 40 x 370 mm (Diameter x Length)	
		Spindle Speed	1200 RPM	
		Milling Capacity	180 kg/hour	
		Rice Recovery Ratio	≥ 70%	
		Broken Rice Percentage	≤ 30%	
		Noise Level	< 90 dB(A)	
		Milling Type	Abrasive roller type	
		Polishing Adjustment	Adjustable degree of polishing	
		Bran Collection	Separate bran outlet	
		Temperature Rise (Machine)	Max 35°C after milling	
		Temperature Rise (Rice)	Max 14°C after milling	
3	Crusher Part	Crushing Capacity	250 kg/hour	
		Spindle Speed	5600 RPM	
		Power Consumption	7.2 kW•h	
		Noise Level	< 90 dB(A)	
		Crushing Mechanism	High-speed hammer/impact type	
		Dust Concentration	≤ 9 mg/m ³	
		Temperature Rise (Machine)	Max 19°C after operation	
		Bran Temperature Rise	Max 5°C	



[Handwritten signature]

राजेन्द्र शर्मा
मुख्य प्रशासकीय अधिकृत

28/11/26

REC Part No: 302
Category: /

Technical Specification of Rotary Tiller (7 ft)

Sn	Item	Specification	Offered specification
1	Type	Rotary Tiller	
2	Working Width	7 ft (= 213 cm)	
3	Number of Blades	60	
4	Working Depth	22 cm (adjustable)	
5	RPM	1000 (multi-speed)	
6	Power Requirement	45-50 HP (Tractor PTO)	
7	Transmission Type	Side gear transmission in oil bath	
8	Rotor Bearings	Oil bath lubricated	
9	Frame	Strong, durable structure	
10	Skids	Adjustable depth skids	
11	Warranty	2 Years	
12	Special Features	High mixing of crop residues, low fuel consumption, waterproof rotor hub sealing	

Mesh(1a1)

Sn	Item	Specification	Offered specification
	Mesh	Width: 2 ft (approx.) Length: 50 m per roll	
	Thickness	100 GSM (not less than that)	
	Heat Resistance	Stable up to 70°C (158°F) minimum	
	Application	Air drying of agricultural grains	



[Handwritten signature]

राजेन्द्र थपलिया
प्रमुख प्रशासकीय अधिकारी

[Handwritten signature]
2082/11/12

Dr. Philip Kumar
NEC Reg. No. - 3307 / Mechanical

Theela Gada (Single-Wheel Handcart)

Sn no	particulars	Specifications	Offered specification
1	Type	Single-wheel manual handcart	
2	Material of Construction	Mild Steel (MS) frame and structure	
3	Surface Finishing	Painted with anti-rust, weather-resistant industrial-grade enamel paint	
4	Load Carrying Capacity	Minimum 40-60 kg of uniformly distributed load	
5	Gross Weight	18 kg (not less than that)	
6	Wheel Type	Pneumatic tyre with metal rim and hub	
7	Tyre Size	3.50 x 8 inches (pneumatic rubber tyre, commonly used in handcarts) or similar to that	
8	Axle Type	Mild steel solid round bar axle (diameter approx. 20-25 mm)	

Delivery pipe 4 inch

Sn no	particulars	Specifications	Offered specification
1	Material	Virgin LDPE / Nylon Reinforced Polymer	
2	Outer Diameter (OD)	4 inch	
3	Wall Thickness	1.5 mm (Max)	
4	Weight per Roll	25 kg	
5	Color	White or any standard color	
6	Use	Irrigation, Water Supply, etc.	
7	Temperature Range	-10°C to 60°C	
8	Bend Radius	Flexible (suitable for rolling and coiling)	

Delivery pipe 5 inch

Sn no	particulars	Specifications	Offered specification
1	Material	Virgin LDPE / Nylon Reinforced Polymer	
2	Outer Diameter (OD)	5 inch	
3	Wall Thickness	1.5 mm (Max)	
4	Weight per Roll	25 kg	
5	Color	White or any standard color	
6	Use	Irrigation, Water Supply, etc.	
7	Temperature Range	-10°C to 60°C	
8	Bend Radius	Flexible (suitable for rolling and coiling)	



नेपाली गणराज्य
संघीय लोकतान्त्रिक गणतन्त्र नेपाल
कार्यालय, भद्रापा
काठमाडौं, नेपाल

[Handwritten Signature]

गो.जि.सं. २२२२/२०२०
प्रमुख प्रशासकीय अधिकृत

25/08/2026