



सुनवर्षी नगरपालिका
नगर कार्यपालिकाको कार्यालय

प.सं. २०८२/०८३

च.नं.



कोशी प्रदेश, नेपाल

मिति २०८३।०६।१२

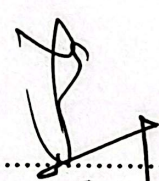
श्री सरोकारबाला संस्था /सप्लायर्स सबै

विषय:- लागत अनुमान प्रयोजनका लागि खुला प्रस्ताव पेश गर्ने सम्बन्धमा ।

यस कार्यालयको चालु अर्थिक वर्ष २०८३/८४ मा कार्यलयमा तपसिल अनुसारको कृषि सम्बन्धित औजार/उपकरण लगायतका उत्पादन सामग्री खरिद गर्नु पर्ने भएकोले कृषि आवश्यक स्पेसिफिकेशन सहित समाग्रीको बजार मुल्यमा फरक नपर्ने गरि आवश्यक कागजात सहित ७ दिन भित्र दर रेट पेश गर्न हुन अनुरोध छ ।

तपसिल

S.N.	Item Names	Specification	Rate without vat	Compliance/Remarks
1.	2 Hp Water Pump (3 inch\80*80 mm)	As per attached Specification		
2.	4 inch Boring set (Pipes, Filter & Accessories)	As per attached Specification		
3.	Mini Tiller 7Hp	As per attached Specification		
4.	Manual Hand-push Seeder Fertilizer Planter	As per attached Specification		


हिमालय बराल
प्रमुख प्रशासकीय अधिकृत
प्रमुख प्रशासकिय अधिकृत

"कृषि, शिक्षा, स्वास्थ्य र दिगो पुर्वाधार : सम्वृद्धि सुनवर्षीको आधार"

फोन: ०२१-४३३०२५ (नगरप्रमुख) ०२१-४३३०२६ (नगर उपप्रमुख) वेबसाइट: www.sunawarshimun.gov.np ईमेल: sunawarshimun@gmail.com

Manual Hand-Push Seeder & Fertilizer Planter

S.N.	Particulars	Purchaser's Required Specification	Offered Specification	Compliance / Remarks
1	Product Name & Model	Manual Hand-Push Seeder & Fertilizer Planter (12T Rotary Seed Drill Type)		
2	Performance & Configuration	• Operation: Manual (No fuel/electricity required) • Tynes / Row: 12 Precision Teeth, Single Row Configuration • Seeding Distance: Adjustable 8" to 12" (20 cm to 30 cm) • Planting Depth: Fixed/Adjustable Rotary Injection		
3	Construction & Metering	• Body: High-impact hard durable plastic • Handle: Mild Steel (MS) with ergonomic grip • Teeth: Corrosion-resistant stainless steel • Metering System: Rotary drum/roller seeding mechanism		
4	Physical Data & Mobility	• Wheel: Traction-focused rotary drive • Weight: Approx. 7.0 kg • Design: Lightweight, compact design for easy transport		
5	Crop Compatibility	Suitable for Corn, Maize, Soy, Legumes, and similar crops		

TECHNICAL SPECIFI

Prepared By:

Signature:

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Designation: Mechanical Engineer

NEC Regd. No.: 3307 (Category "A")

Er. Dilip Kumar Mandal
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Category - "A"

Technical Specification of 7HP Mini Tiller

Description		Required Specifications	Offered Specification	Compliance / Remarks
1	Engine Type	Single cylinder, 4 stroke, Air cooled, Diesel engine		
2	Engine power	Minimum 7 HP @ 3600 rpm		
3	Starting system	Recoil (Manual) / Electric start		
4	Fuel tank capacity	Minimum 3.5 Litres		
5	Gear Speeds	3 Speeds (2 Forward + 1 Reverse)		
6	Number of Blades	Minimum 32 Blades		
7	Cultivation Width	900 mm to 1200 mm		
8	Tilling Depth	≥ 100 mm		
9	Operating Weight	110 to 130 kg		
10	Handle Adjustment	Height (Vertical) and Angle (Horizontal) Adjustable		
11	Tyre Size & Type	4.00 - 8 (Solid rubber)		
12	Clutch System	Friction Plate / Dual Clutch		
13	Fuel Consumption	≤ 1.0 Litre/hr		
14	Accessories & Tools	Rotary blades, cage wheels/antiskid wheels, and standard tool kit		
15	Demonstration & Training	On-site operation, safety, and maintenance training upon delivery		
16	Certification Standard	NS / ISI / ISO or equivalent quality standard		
17	User Manual	1 Copy in English		
18	Warranty & After-Sales	Minimum 1 Year comprehensive warranty		

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TECHNICAL SPECIFIC

4-Inch Boring Set (Pipes, Filter & Accessories)

Particulars	Purchaser's Required Specification	Offered Specification	Compliance / Remarks
1 4" Dia PVC Pipe (80 ft total)	Diameter: 4" (110 mm Outer Dia); Length: 10 ft per piece Heavy/Medium duty, minimum weight 7.0 kg per 10 ft piece; NS/IS standards compliant		
2 4" Dia PVC Strainer / Filter (20 ft total)	Diameter: 4" (110 mm Outer Dia); Length: 10 ft per piece Ribbed/Slotted strainer pattern; Minimum weight 6.0 kg per 10 ft piece		
3 4" Dia NS GI Pipe	Diameter: 4" (100 mm NB); Length: 1.5 m (approx. 5 ft); Medium grade GI (Nepal Standard NS compliant); Fully threaded on both ends with socket; Minimum weight 9.0 kg		
4 4" x 3" x 1.5" GI Reducer Tee	Cast Iron / Malleable Iron construction; Heavy pattern; Threading: Internal thread on 4" and 1.5" outlets, External thread on 3" outlet (or standard standard-compliant reducing configuration)		
5 1.5" GI Nipple	Diameter: 1.5" (40 mm NB); Length: 6 inches (150 mm); Medium grade GI pipe material; Both ends threaded		

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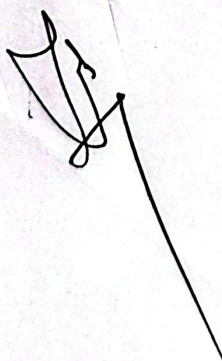
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TECHNICAL SPECIFICATIONS
2 HP Water Pump (3 Inch / 80 × 80 mm)

S.N.	Particulars	Purchaser's Required Specification	Offered Specification	Compliance / Remarks
1	General Performance	- Type: Monoblock Centrifugal Water Pump - Power: Minimum 2.0 HP (1.5 kW) - Phase: Single Phase - Voltage: 140–240 V AC, 50 Hz, or technically equivalent suitable supply - Frequency: 50 Hz - Rated Speed: Approx. 2800–2900 RPM - Suction/Delivery Size: 80 × 80 mm (3" × 3") - Overall Efficiency: Minimum 50% - Suitable for continuous water pumping operation		
2	Hydraulic Performance	Minimum discharge capacity: 14 L/s @ 6 m head 7.5 L/s @ 12 m head - Manufacturer's pump performance curve shall be submitted.		
3	Motor & Coil Construction	- Starting & Running Winding: 100% Pure Copper - Minimum Motor Weight-(37-42kg) - Minimum Total Copper Coil Weight: 2.0 kg - Suitable insulation for continuous operation - Suitable thermal/overload protection - Capacitor/starting arrangement as per manufacturer's standard design - Manufacturer/Supplier shall provide a certificate confirming 100% pure copper winding and actual copper coil weight.		



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S.N.	Particulars	Purchaser's Required Specification	Offered Specification	Compliance / Remarks
4	Materials of Construction	• Impeller: Cast Iron or technically equivalent/superior material • Motor Body: Cast Iron or technically equivalent/superior material • Pump Shaft: Carbon Steel/Stainless Steel or technically equivalent/superior material • Pump Casing: Cast Iron or technically equivalent/superior material • Seal: Heavy-duty Mechanical Seal		
5	Quality & Documents	• Brand new and unused • Manufacturer's technical catalogue/data sheet • Manufacturer's pump performance curve • Relevant quality/test documents, where applicable • Nameplate showing manufacturer, model, power, voltage and frequency • Copper winding and coil-weight certificate		
6	Corrosion Protection	Suitable anti-corrosion coating/painting.		
7	Accessories	• Heavy-duty 3-inch flexible suction hose – 3 ft: 1 No. • 3-inch NS Bend: 1 No. • CI Hose Nipple with outer thread: 1 No. • CI Hose Nipple with inner thread: 1 No.		
8	Warranty	Minimum 1 Year (12 Months) comprehensive warranty against manufacturing defects.		

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