



वीरेन्द्रनगर नगरपालिका

नगर कार्यपालिकाको कार्यालय

०८३-५२०१४४
०८३-५२०१२८
०८३-५२०१५०



मिती: २०८०/०२/१७

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विषय: दररेट उपलब्ध गराईदिने सम्बन्धमा

प्रस्तुत विषयमा यस वीरेन्द्रनगर नगरपालिका कृषि विकास शाखाको आ/ब २०७९/०८० को वार्षिक स्वीकृत कार्यक्रम अनुसार कार्यक्रम सञ्चालनका लागि तपशिल बमोजिमका मेशिनरी औजार तथा सामग्री खरिद गर्नु पर्ने भएकाले तोकिएका सामग्री उपलब्ध गराउन ईच्छुक बिक्रेता कम्पनी तथा डिलरहरूले के कति दररेटमा कार्यालयमा उपलब्ध गराउन सकिन्छ सो विवरण सूचना प्रकाशन भएको मितिले १५ दिन भित्र यस कार्यालयको कृषि विकास/जिन्सी शाखामा पेश गर्नका लागि सम्बन्धित सबैमा जानकारीका साथ अनुरोध छ । यदि स्पेशिफिकेशन बमोजिम नमिलेको सामग्रीको दर रेट आएमा उक्त फर्मलाई प्रतिशपदर्मा समावेश गरिने छैन । साथै उक्त सूचना यस कार्यालयको सूचना पाटी र वेब साइट WWW.birendranagarmun.gov.np बाट डाउनलोड गरी हेर्न सकिनेछ ।

Technical Specification

Specification of WATER PUMP (DIESEL)				
S.N.	Item/ particulars	Specification required	Rate per pcs.	Remarks
1	Name/Brand	Any		
2	Model	Any		
3	Prime mover/Pump Type	Centrifugal		
5	RPM required	1400- 3600 rpm		
6	Total head	At least 17 m		
7	Discharge Capacity	At least 10 litres per sec		
8	Pump Efficiency	At least 70%		
10	Engine Type	Petrol Engine, four stroke		
11	Engine Power	<=5 HP		
12	Fuel Tank Capacity	>=2.0 L		
12	Starting method	rope start/electric		
14	Tools set	Major wrench set needed		

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15	Training	Basic servicing and maintenance training required
16	Catalogue/manual	operational manual should be submitted
17	Warranty	1 year
18	Certification	ISO/ISI

Specification of electric water pump for surface water, (including nipple & bend)

S.N.	Item/particular	Specification required	Rate per pcs	Remarks
S.N.	Item/ Particulars	Specification required		
1	Name/Brand	N/A		
2	Model	N/A		
3	Type	Electric Powered, Single Phase, motor		
4	Power Required	1hp , Electric, AC, 160-250V , 50-60Hz		
5	Motor Speed	>=1400 r/min		
6	Type of pump	Centrifugal		
7	Sie of Pump	1*1 inch		
8	Total head	At least 6 m		
9	Discharge Capacity	At least 0.7 litres per sec		
10	Nipple	1 inches		
11	Bend	1 inches		
12	Warranty	1 year		
13	Catalogue/manual	operation manual should be submitted		

Specification of Mini Tiller

S.N.	Item/particulars	Specification required	Rate per pcs	Remarks
1	Name	Any		
2	Model	Any		
3	Type	Self-propelled, Walk behind machine		
4	Engine:	Diesel Engine (4-stroke single cylinder)		
5	Cooling System	Air cooled		
6	Engine power	7hp		
7	Rated engine speed	3600 rpm		
8	Mode of Transmission	Gear Drive		
9	Tilling depth	>=95mm		
10	Tilling width	>=1000mm		
11	Gear	2 forward and 1 reverse Gear shifting		
12	Starting Type	Recoil starter/rope starter		
13	Fuel tank capacity	>=2.5 L		
14	Wheels	Tire wheel for transportation & Rotary blades for tillage		
15	Catalogue/manual	operation manual should submit		

Specification of Power Tiller

S.N.	Item/particular	Specification required	Rate per pcs	Remarks
1	Name	Any		
2	Model	Any		
3	Type	Self-propelled, with seat for driver		

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1	Engine	Diesel Engine (4-stroke single cylinder)
2	Cooling System	Water cooling/Radiator cooling
3	Engine power	18 hp
4	Rated engine speed	2200 rpm
5	Mode of Transmission	Belt and Gear Drive
6	Attachment	Should come with Rotary blades for
7	Tilling depth of Rotary	>=125mm
8	Tilling width Rotary b	900-1000mm
9	Gear	6 forward and 2 reverse Gear shifting
10	Starting system	hand crank /mechanical
11	Ground Clearance	At least 185 mm
12	Fuel tank capacity	>=10 L
13	Attachment	Should come with Rotary blades for
14	Wheels	Tire wheel for transportation and
15	Warranty	At least one year
16	Catalogue/manual	operation manual should submit

Specification of WATER PUMP (DIESEL)

S.N.	Item/ particulars	Specification required	Rate per pcs	Remarks
1	Name/Brand	Any		
2	Model	Any		
3	Prime mover/Pump Ty	Centrifugal		
5	RPM required	1400- 3600 rpm		
6	Total head	At least 15 m		
7	Discharge Capacity	At least 12 litres per sec		
8	Pump Efficiency	At least 70%		
10	Engine Type	Diesel Engine, four stroke		
11	Engine Power	<=5 HP		
12	Fuel Tank Capacity	>=2.0 L		
12	Starting method	Crank/rope start/electric		
14	Tools set	Major wrench set needed		
15	Training	Basic servicing and maintenance tra		
16	Catalogue/manual	operational manual should be subm		
17	Warranty	1 year		
18	Certification	ISO/ISI		

Specification of electric water pump for surface water, (including nipple & bend)

S.N.	Item/particular	Specification required	Rate per pcs	Remarks
S.N.	Item/ Particulars	Specification required		
1	Name/Brand	N/A		
2	Model	N/A		
3	Type	Electric Powered, Single Phase, mor		
4	Power Required	1hp , Electric, AC, 140-250V , 50-60		
5	Motor Speed	>=2600 r/min		
6	Type of pump	Centrifugal		

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7	Size of Pump	1*1 inch
8	Total head	At least 10 m
9	Discharge Capacity	At least 10 litres per sec
10	Nipple	1 inches
11	Bend	1 inches
12	Warranty	operation manual should be submit
13	Catalogue/manual	

**Electric motor pump set:
(including nipple & bend)**

S.N.	Item/particulars	Specification required	Rate per pcs	Remarks
1	Name	Any		
2	Model	Any		
3	Power source	2 hp, electric, single phase, 50mfd, 220-2240v, 10.55-11.5-amp, air/ water cooled.		
5	Type	Monoblock type.		
6	Motor speed	Minimum 2880 rpm		
7	Body materials	Cast iron with bronze impeller		
7	Frequency	50-60HZ,		
8	Type of Pump	Centrifugal pump.		
9	Size of pump	2x2 inches		
12	Head ranges	At least 9-24 meter.		
13	Discharge per hour	500-100litres/min		
14	Proven Performance	1)The Pump set offered must be current model manufacture for at least 1 years		
15	Warranty	At least 1 year warranty after acceptance.		
18	Catalogue/manual	Operation manual should submit		
19	Nipple	2 inches		
20	Bend	2 inches		

0.5 hp summersible motor pum

Specification of submersible electric water pump for surface water, (including nipple & bend)

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S.N.	Item/particular	Specification required	Rate per pcs	Remarks
1	Name/Brand	N/A		
2	Model	N/A		
3	Type	Electric Powered, Single Phase		
4	Power Required	At Least 0.75 KW , Electric, AC, 160-250V , 50-60Hz		
5	Motor Speed	>=2800 r/min		
6	Type of pump	Centrifugal		
7	Sie of Pump	1*2-2*2 inch		
8	Total head	At least 25 m		
9	Discharge Capacity	At least 24 litres per sec		
10	Nipple	1 -1.5-2 inches		
11	Bend	1 -1.5-2 inches		
12	Warranty	1 year		
13	Catalogue/manual	operation manual should be submit		

Chaff cutter specification

Type	Hand operated	Motor operated	Rate per pcs	Remarks
Over all	580 above	785 above		
Overall	870 above	1400 above		
Wheel	820 above	780 above		
Capacity	75 above	360 above		
Weight	75 above	142 with motor above		
Cutting	High carbon steel	High carbon steel		
Motor	No	At least 19.5 KW Single Phage		
Motor RPM		At least 1400 RPM		
V-Belt		0 B- 102		
Blade si	510 above		510	
Bearing	6204 above		6206	
Motor Pulley Diameter			75	

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 प्रमुख मुखा प्रसारिका विभाग, काठमाडौं



S. N.	Item/particular	Specification required	Rate per pcs	Remarks
1	Name/Brand	N/A		
2	Model	N/A		
3	Type	Electric Powered, Single Phase		
4	Power Required	At Least 0.75 KW , Electric, AC, 160-250V , 50-60Hz		
5	Motor Speed	>=2800 r/min		
6	Type of pump	Centrifugal		
7	Size of Pump	1*2-2*2 inch		
8	Total head	At least 25 m		
9	Discharge Capacity	At least 24 litres per sec		
10	Nipple	1 -1.5-2 Inches		
11	Bend	1 -1.5-2 inches		
12	Warranty	1 year		
13	Catalogue/manual	operation manual should be submit		

Chaff cutter specification

Type	Hand operated	Motor operated	Rate per pcs	Remarks
Roll width (mm)	580 above	785 above		
Roll length (mm)	870 above	1400 above		
Roll Diameter	820 above	780 above		
Capacity kg/hr	75 above	360 above		
Weight kg	75 above	142 with motor above		
Cutting Blade	High carbon steel	High carbon steel		
Motor	No	At least 19.5 KW Single Phage		
Motor RPM		At least 1400 RPM		
V-Belt		0 B- 102		
Roller size (mm)	510 above		510	
Bearing Size	6204 above		6206	
Roller Pulley Diameter			75	

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