

National Dairy Development Programme

(Dairy Hub)

Machinery and Equipment Specifications

1.2 General Machinery and Equipment

Specifications for High-Pressure Washer - 130 bar

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Electric high Pressure Washer		
5	Input Power	≥ 1.6 Kw		
6	Flow rate	≥ 370 liters/hour.		
7	Maximum and Rated Pressure	≥ 130 and 90 bar		
8	High Pressure Hose Length	≥ 5 m		
9	Power cord Length	≥ 5 m		
10	Built in thermal protector to stop the motor when abnormal heat is detected	Specify		
11	Weight	≤ 8 Kg		
12	Wheeled for ease of use.	Specify		
13	Warranty	1 year		
14	Delivery	within 3 weeks after the confirmation of the order		
15	Quality Standards Certificates	Specify		
16	Past Supply experience and feedback of users	Specify		
17	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
18	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
21	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
22	Unit price without vat (Rs)			
23	Unit price with vat (Rs)			
24	Total price without vat (Rs)			
25	Total price with vat (Rs)			
Technical details & product brochure should be attached with the tender document				

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Date

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Bidder's Signature

Specifications for High-Pressure Washer - 100 bar

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Electric high Pressure Washer		
5	Input Power	≥ 1.2 Kw		
6	Flow rate	≥ 300 liters/hour.		
7	Maximum and Rated Pressure	≥ 100 and 70 bar		
8	High Pressure Hose Length	≥ 5 m		
9	Power code Length	≥ 5 m		
10	Built in thermal protector to stop the motor when abnormal heat is detected	Specify		
11	Weight	≤ 8 Kg		
12	Wheeled for ease of use.	Specify		
13	Warranty	Minimum 1 year		
14	Delivery	within 3 weeks after the confirmation of the order		
15	Quality Standards Certificates	Specify		
16	Past Supply experience and feedback of users	Specify		
17	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
18	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
21	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
22	Unit price without vat (Rs)			
23	Unit price with vat (Rs)			
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Deep Freezer - 345L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Country of manufacture	Specify		
3	Brand	Specify		
4	Net Capacity	340 - 350L		
5	Inverter	Specify		
6	Refrigerant	Specify		
7	Technology	Direct Cooling		
8	Colour	Specify		
9	Number of Doors	Specify		
10	Door Type	Specify		
11	Controls	Machanical Thermostat		
12	Interior - Number Of Shelves	Specify		
13	Interior - Number of Door Compartment	One		
14	Interior Light	Avilable		
15	Temperature	-18°C		
16	Inner Body Type	PP Inner liner		
17	Condenser Type	Inside		
18	Compressor Warranty	3 Years		
19	Comprehensive Warranty	1 Year		
20	Power consumption	Specify		
21	Power Source / Voltage	220-240V/ 50Hz		
22	Warranty	05 Year		
23	Quality Standeards Certificates	CE / ISO		
24	Past Supply experience and feedback of users	Specify		
25	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
26	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
27	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
28	Unit price without vat (Rs)			
29	Unit price with vat (Rs)			
30	Total price without vat (Rs)			
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Specification for Rubber Carpets for Cattle Sheds (185*110) - Cow mattress

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Rubber Sheets		
5	Material	Manufactured from 100% Natural Rubber		
6	Product Features	Designed to reduce weight on the forefoot joints while the cows are lying down.		
7		Edge of the cow mattress that faces the alley is solid in order to prevent accumulating dirt under it.		
8		Built-in slope at the back end to facilitate urine drainage.		
9		Cows will enjoy better sleeping comfort thanks to its thick 100% latex foam.		
10		Thick 100% latex foam.		
11		Top cover is fully fitted on all edges with waterproof sealing to prevent any leakage.		
12		Made out of virgin rubber compound to eliminate absorption of moisture.		
13	Colour	Black		
14	Length	185 cm		
15	Width	110 cm		
16	Thickness	Minimum 30 mm		
17	Design	Non-slippery (Specify)		
18	Quality Standards Certification	Specify		
19	Warranty	6 months		
20	Past Supply experience and feedback of users			
21	Availability of spare parts technical support and after sale service in Islandwide.			
22	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.			
23	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.			
24	Unit price without vat (Rs)			
25	Unit price with vat (Rs)			
26	Total price without vat (Rs)			
27	Total price with vat (Rs)			
Technical Details & Product brochure Should be attached with the tender Document				

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Specification for Rubber Carpets for Cattle Sheds (185*120) - Cow mattress

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Rubber Sheets		
5	Material	Manufactured from 100% Natural Rubber		
6	Product Features	Designed to reduce weight on the forefoot joints while the cows are lying down.		
7		Edge of the cow mattress that faces the alley is solid in order to prevent accumulating dirt under it.		
8		Built-in slope at the back end to facilitate urine drainage.		
9		Cows will enjoy better sleeping comfort thanks to its thick 100% latex foam.		
10		Thick 100% latex foam.		
11		Top cover is fully fitted on all edges with waterproof sealing to prevent any leakage.		
12		Made out of virgin rubber compound to eliminate absorption of moisture.		
13	Colour	Black		
14	Length	185 cm		
15	Width	120 cm		
16	Thickness	Minimum 30 mm		
17	Design	Non-slippery (Specify)		
18	Quality Standards Certification	Specify		
19	Warranty	6 months		
20	Past Supply experience and feedback of users	Specify		
23	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
24	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
25	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
26	Unit price without vat (Rs)			
27	Unit price with vat (Rs)			
28	Total price without vat (Rs)			
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Bidder's Signature

Specifications for Water Tank - 1000L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Plastic verticle drum barrel with Lid		
5	Material	Food grade polyethylene		
6	Capacity	1000 L		
7	Usage	Agriculture		
8	Lid type	Screw		
9	No of layers	specify		
10	Warrenty	10 years		
11	Delivery	within 3 weeks after the confirmation of the order		
12	Quqlity Standeards Certificates	Specify		
13	Unit price without vat (Rs)			
14	Unit price with vat (Rs)			
15	Total price without vat (Rs)			
16	Total price with vat (Rs)			
17	Technical details & product brochure should be attached with the tender document			

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Bidder's Signature

Specifications for Water Tank - 2000L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Plastic verticle drum barrel with Lid		
5	Material	Food grade polyethylene		
6	Capacity	2000 L		
7	Usage	Agriculture		
8	Lid type	Screw		
9	No of layers	specify		
10	Warrenty	10 years		
11	Delivery	within 3 weeks after the confirmation of the order		
12	Quqlity Standeards Certificates	Specify		
13	Unit price without vat (Rs)			
14	Unit price with vat (Rs)			
15	Total price without vat (Rs)			
16	Total price with vat (Rs)			
17	Technical details & product brochure should be attached with the tender document			

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Date

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Bidder's Signature

Specifications for Water Tank - 5000L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Plastic verticle drum barrel with Lid		
5	Material	Food grade polyethylene		
6	Capacity	5000 L		
7	Usage	Agriculture		
8	Lid type	Screw		
9	No of layers	Specify		
10	Warrenty	10 years		
11	Delivery	within 3 weeks after the confirmation of the order		
12	Quqlity Standeards Certificates	Specify		
13	Unit price without vat (Rs)			
14	Unit price with vat (Rs)			
15	Total price without vat (Rs)			
16	Total price with vat (Rs)			
17	Technical details & product brochure should be attached with the tender document			

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Specification for Plastic Barrel - 100-120L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Plastic drum / barrel with Lid		
5	Material	Food grade plastic, HDPE		
6	Condition	New or empty		
7	Usage	Silage making process		
8	Capacity	100 - 120 L		
9	Barrel/Drum top	Full open top		
10		Screw top		
11		Removable		
	Lid	Screw fitted to the Barrel		
		Lockable ring		
12	Colour	Blue		
13	Warrenty	3 months		
14	Quality Standerds Certification			
15	Delivery	within 3 weeks after the confirmation of the order		
16	Unit price without vat (Rs)			
17	Unit price with vat (Rs)			
18	Total price without vat (Rs)			
19	Total price with vat (Rs)			

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Bidder's Signature

Specification for Plastic Barrel - 200L

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Model	Specify		
2	Brand	Specify		
3	Country of origin	Specify		
4	Type	Plastic drum barrel with Lid		
5	Material	Food grade plastic, HDPE		
6	Condition	New or empty		
7	Usage	Silage making process		
8	Capacity	200 L		
9	Barrel/Drum top	Full open top		
10		Screw top		
11	Lid	Removable		
		Screw fitted to the Barrel		
		Lockable ring		
12	Colour	Blue		
13	Warrenty	3 months		
14	Quality Standerds Certification			
15	Delivery	within 3 weeks after the confirmation of the order		
16	Unit price without vat (Rs)			
17	Unit price with vat (Rs)			
18	Total price without vat (Rs)			
19	Total price with vat (Rs)			

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Date

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Bidder's Signature

Mini Tiller

S.No.	Item	Minimum Specifications	Bidders Compliance	
			Yes/No	If "No" Indicate Your offer
1	Equipment Name	Mini Tiller		
2	Engine Type	4-stroke, single-cylinder petrol engine		
3	Model	Specify		
4	Brand	Specify		
5	Country of Manufacture			
6	Engine Capacity	≥212 cc		
7	Fuel Type	Petrol		
8	Fuel Tank Capacity	Minimum 3 L		
9	Power Output	6.0 HP (4.4 kW)		
10	Drive System	Self-propelled		
11	Transmission / Gears	2 Forward + 1 Reverse		
12	Working Width	78 cm		
13	Operating Speed	≥3,000 rpm		
14	Starting System	Recoil / Manual start		
15	Tilling System	Rotary tiller with cutting blades		
16	Application	agricultural field operations		
17	Frame / Body	Heavy-duty steel construction		
18	Handlebar	Adjustable operator handle		
19	Safety Features	Engine stop control and protective guards		
20	Warranty	1 year		
21	Spare Parts	Spare parts and after-sales service available in Sri Lanka		
22	User Manual	Operation and maintenance manual		
23	Delivery	Within 3 weeks after the confirmation of the order		
24	Quality standards Certificates	Specify		
25	Past Supply experience and feedback of users	Specify		
26	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
27	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
28	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
29	Unit price without vat (Rs)			
30	Unit price with vat (Rs)			
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Specifications for Centrifugal Water Pump (1 inch, 1 HP)

43

	Specifications	Minimum Requirement	Bidders' response - Yes/No If no please specify
1	Type	Centrifugal, single stage, horizontal, surface mounted self-priming	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Application	Irrigation	
6	Operation	Electric motor driven, close coupled	
7	Inlet / outlet size	1 inch (25 mm) suction and 1 inch (25 mm) delivery	
8	Motor power	Minimum 1 HP (0.75 kW), rated for continuous duty	
9	Power supply	220-240 V AC, 50 Hz, single phase	
10	Motor speed	Approximately 2,900 rpm (2-pole)	
11	Motor type and protection	Induction motor with built-in thermal overload protection	
12	Capacity	minimum 60 L/min at 30 m total dynamic head	
13	Suction lift	Minimum 6 m	
14	Pump casing	Cast iron or stainless steel, corrosion- resistant finish	
15	Warranty	5 year	
16	Quality Standards Certificates	Specify	
17	performance curve	Please attach	
18	Past Supply experience and feedback of users	Specify	
19	Availability of spare parts technical support and after sale service in Island wide.	Specify	
20	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	
21	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
22	Price without VAT		
23	VAT		
24	Price with VAT		

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Date

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Specifications for Centrifugal Water Pump (1.5 - 2 inch, 2 HP)

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	Specifications	Minimum Requirement	Bidders' response Yes/No If no please specify
1	Type	Centrifugal, single stage, horizontal, surface mounted self-priming	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Application	Irrigation	
6	Operation	Electric motor driven, close coupled	
7	Inlet / outlet size	1.5 – 2.0 inch suction and 1.5 – 2.0 inch delivery	
8	Motor power	Minimum 2 HP (1.5 kW), rated for continuous duty	
9	Power supply	220–240 V AC, 50 Hz, single phase	
10	Motor speed	Approximately 2,500 – 3,000 rpm (2-pole)	
11	Motor type and protection	Induction motor with built-in thermal overload protection	
12	Minimum capacity	150 L/min at 30 m TDH	
13	Suction lift	Minimum 7 m	
14	Pump casing	Cast iron or stainless steel, corrosion-resistant finish	
15	Warranty	5 year	
16	Quality Standards Certificates	Specify	
17	Availability of after sale service	Maintenance and spare parts availability	
18	Past Supply experience and feedback of users	Specify	
19	Availability of spare parts technical support and after sale service in Island wide.	Specify	
20	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	
21	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
22	Price without VAT		
23	VAT		
24	Price with VAT		

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Date

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Bidder's Signature

Specifications for Water pump - Diesel

S. No.	Item	Required Specifications	Bidders Specifications	
			Yes / No	If "No" Indicate Your offer
1	Type	Diesel ,Centrifugal		
2	Model	Specify		
3	Brand	Specify		
4	Country of Manufacture	Specify		
5	Power	5-6 Hp		
6	Inlet and Outlet	2 inches		
7	Capacity	3000 gph		
8	Engine type	four stroke, Single cylinder, Air cooled, Direct injection		
9	Displacement	280-300 cc		
10	Fuel tank capacity	3-4 lit.		
11	Engine shaft	Closed couple , mechanical sealed		
12	Warranty	2 years		
13	Quality standerd Certificates	Specify		
14	Past Supply experience and feedback of users	Specify		
15	Availability of spare parts technical support and after sale service in Islandwide.	Specify		
16	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify		
17	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify		
18	Unit price without VAT (Rs)			
19	Unit price with VAT (Rs)			
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Specifications for Centrifugal Water Pump (4.5-5 HP, 2-inch, Petrol Engine Driven)

	Specifications	Minimum Requirement	Bidders' response Yes/No If no please specify
1	Type	Petrol engine driven centrifugal water pump, single stage, self-priming, portable	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Application	Irrigation (clean to slightly turbid water from wells, tanks, canals or streams)	
6	Operation	Petrol engine driven, directly coupled to pump	
7	Inlet / outlet size	2 inch suction and 2 inch delivery	
8	Engine type	4-stroke, single cylinder, OHV, air-cooled petrol engine	
9	Engine power	Minimum 4.5 HP (3.3 kW) at 3,600 rpm	
10	Engine displacement	Approximately 140-160 cc	
12	Fuel tank	Minimum 3 litres, with fuel filter and fuel valve	
13	Starting system	Recoil (manual) starter or better	
14	Engine protection	Low-oil shutdown (oil alert) system	
15	Minimum duty point	500 L/min at 28 m head.	
16	Suction lift	Minimum 7 m (self-priming type)	
17	Frame and mobility	Rigid tubular steel frame with rubber vibration-isolating feet and carrying handle	
18	Dry weight	Not more than 30 kg	
19	Accessories & Tools	2-inch foot valve with strainer, 2-inch suction hose connector and delivery hose connector with clamps, spark plug spanner and tool kit, basic replacement wear-and-tear spares (spark plug, recoil rope, mechanical seal), user manual etc.	
20	Warranty	5 years	
21	Quality Standards Certificates	Specify	
22	Past Supply experience and feedback of users	Specify	
23	Availability of spare parts technical support and after sale service in Island wide.	Specify	
24	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	

27	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
28	Availability of after sale service	Maintenance and spare parts availability	
29	Price without VAT		
30	VAT		
31	Price with VAT		

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Submersible Water Pump

	Specifications	Minimum Requirement	Bidders' response Yes/No If no please specify
1	Type	Submersible Clean water pump	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Installation	Operates fully submerged in water	
6	Motor Power	2HP	
7	Electrical Phase	Single Phase	
8	Voltage	220-240 V, 50Hz	
9	Pump body	Stainless-steel	
10	Outlet Connection	Threaded/Hose type Discharge connection	
11	Float Switch	Automatic float switch provided, as visible in the	
12	Impeller Type	Submersible centrifugal impeller	
13	Water Type	Clean Water/ slightly contaminated water, depending on model	
14	Application	Agricultural water transfer	
15	Protection	Water proof sealed motor construction	
16	Cable	Water proof electrical cable	
17	Delivery	Within 3 weeks after the confirmation of the order to specified location	
18	Warranty	01 Year	
19	Quality Standards Certificates	Specify	
20	Past Supply experience and feedback of users	Specify	
21	Availability of spare parts technical support and after sale service in Island wide.	Specify	
22	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	
23	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
24	Price without VAT		

25	VAT		
26	Price with VAT		
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Specifications for Mud / Slurry/ Waste Water Pump

	Specifications	Minimum Requirement	Bidders' response Yes/No If no please specify
1	Type	Submersible mud / waste water (dirty water) pump, vertical, for slurry and wash water	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Application	Pumping of mud, dirty water and cattle shed waste water containing fine solids	
6	Operation	Electric motor driven, close coupled, fully submersible	
7	Discharge outlet size	2 inch (50 mm), threaded or with hose adapter	
8	Motor power	Minimum 2 HP (1.5 kW), rated for continuous duty	
9	Power supply	220–240 V AC, 50 Hz, single phase	
10	Motor type and protection	Induction motor, copper winding, built-in thermal overload protection	
11	Impeller	Vortex or semi-open type impeller	
12	Total head	Minimum 16 m	
13	Discharge	Not less than 200 liters/minute (12 m ³ /hour)	
14	Submergence depth	Minimum 5 m	
15	Power cable	Water-resistant 3-core cable, minimum 10 m, with plug	
16	Safety	Proper earthing; suitable electrical safety protection; automatic float switch	
17	Accessories & Tools	Discharge hose adapter and clamps, basic replacement wear-and-tear spares (mechanical seal, impeller)	
18	Maintenance	Pump casing and impeller easily accessible for cleaning and servicing	
19	Warranty	1 year	
20	Quality Standards Certificates	Specify	
21	Past Supply experience and feedback of users	Specify	
22	Availability of spare parts technical support and after sale service in Island wide.	Specify	

23	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	
24	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
25	Availability of after sale service	Maintenance and spare parts availability	
26	Price Without VAT		
27	VAT		
28	Price with VAT		
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Bidder's Signature

Specifications for Cutter Pump (2 HP, 1.5 inch)

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	Specifications	Minimum Requirement	Bidders' response Yes/No If no please specify
1	Type	Submersible cutter (grinder) pump with cutting mechanism	
2	Brand	Specify	
3	Model	Specify	
4	Country of Origin	Specify	
5	Application	Pumping of cattle shed waste, dung slurry and waste water containing fibrous material	
6	Operation	Electric motor driven, close coupled, fully submersible	
7	Discharge outlet size	1.5 inch (40 mm), threaded or flanged	
8	Motor power	Min 2 HP (1.5 kW), rated for continuous duty	
9	Power supply	220–240 V AC, 50 Hz, single phase	
10	Motor type and protection	Induction motor, Insulation , built-in thermal overload protection	
11	Cutting system	Hardened stainless steel cutter blade and cutter plate, capable of cutting fibrous and soft solid material	
12	Total head	Minimum 15 m	
13	Discharge	Not less than 100 liter's/minute (6 m ³ /hour)	
14	submergence depth	Minimum 5 m	
15	Power cable	Water-resistant 3-core cable, minimum 20 m, with plug	
16	Safety	Proper earthing; suitable electrical safety protection; control box with overload protection	
17	Accessories & Tools	1.5-inch discharge hose adapter and clamps, lifting chain/rope, basic replacement wear-and-tear spares (mechanical seal, cutter blade).	
18	Warranty	1 year	
19	Quality Standards Certificates	Specify	
20	Past Supply experience and feedback of users	Specify	
21	Availability of spare parts technical support and after sale service in Island wide.	Specify	
22	Availability of all accessories, relevant operation and maintenance manuals in Sinhala and Tamil.	Specify	

23	A practical demonstration of the machine and its operation will be provided upon request by the Technical Committee.	Specify	
24	Availability of after sale service	Maintenance and spare parts availability	
25	Price without VAT		
26	VAT		
27	Price with VAT		
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Specifications for 20 Liter Plastic Can (1100 Nos)

S. No.	Description	Required Specifications	Bidders Specifications	
			Yes / No	If "No" Indicate Your offer
1	Volume Capacity	Net Volume 10 Liters (Full overflow capacity approx. 10.5L)		
2	Material	100% Virgin High-Density Polyethylene (HDPE) – Grade 2 plastic.		
3	Empty Weight	450g – 550g (Robust construction designed to withstand high stress and impact).		
4	Handle	Features a sturdy, integrated heavy-duty handle capable of easily supporting a 10 kg load.		
5	Thermal Stability	Formulated to resist deformation and maintain structural shape under Sri Lanka's high ambient heat (30°C – 35°C).		
6	Chemical Resistance	Must be non-reactive and highly resistant to acids, Teepol, and disinfectants.		

Deliver to each Provincial Directors Office of Animal Production and Health

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Specifications for 5 Liter Plastic Can (5000 No.s)

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S. No.	Description	Required Specifications	Bidders Specifications	
			Yes / No	If "No" Indicate Your offer
1	Volume Capacity	Net Volume 5 Liters (Full overflow capacity approx. 5.3L – 5.5L).		
2	Material	100% Virgin High-Density Polyethylene (HDPE) – Grade 2 Plastic.		
3	Empty Weight	220g – 280g (Robust structure designed to withstand heavy loads and compression).		
4	Handle	Includes a sturdy, integrated heavy-duty handle designed for easy lifting and controlled pouring of		
5	Cap Specs	* Includes an inner plug or foam liner to prevent liquid leakage. *Equipped with a security ring to ensure first-time opening integrity.		
6	Thermal Stability	Made of heat-resistant HDPE to maintain structural shape without warping under Sri Lanka's high ambient temperatures (30°C – 35°C).		
7	Chemical Resistance	Highly resistant and non-reactive to acids (Formic Acid), Teepol, and disinfectants.		

Deliver to Provincial Director office, Animal Production and Health, of each pr

Date

Bidder's Signature