



नेपाल सरकार
कृषि तथा पशुपन्थी विकास विभाग
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन एकाई
धनगढी, सिरहा

फोन नं ०३३-४४४१६६
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पत्र संख्या: २०८०/०८१
च.नं.

मिति: २०८०/१०/०५

सुचना नं. १३

पथम पटक प्रकाशित मिति: २०८०/१२/०५

आ.व. २०८०/०८१ को यस प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना, परियोजना कार्यान्वयन एकाई सिरहाको वार्षिक स्वीकृत कार्यक्रम अन्तर्गत जोन /सुपरजोन क्षेत्रमा कृषि यान्त्रिकरण सहयोग कार्यक्रममा ट्र्याक्टरबाट सञ्चालित च्यापकटर मेसिन खरिद तथा चिलिङ्ग भ्याट / मिल्क एनालाईजर/ डिप फ्रिज/ होमोनाईजर / चिलिङ्ग हिटर सहितको दुध संकलन केन्द्र स्थापना सहयोग कार्यक्रम अन्तर्गत अल्ट्रासोनिक मिल्क एनालाईजर विथ प्रिन्टर/ अल्ट्रासोनिक मिल्क एनालाईजर विथ कम्प्युटर, प्रिन्टर वेगिङ्ग स्केल,सोफ्टवेयर एण्ड एसोसरीज खरिद गर्नु पर्ने रहेको हुँदा उक्त कार्यक्रम संचालनको लागि सम्बन्धित सबैले यो सुचना प्रकाशित भएको मितिले ०७ दिन (२०८०/१२/११) भित्र यस परियोजना कार्यान्वयन एकाई सिरहामा तपशिल बमोजिमको स्पेसिफिकेशन अनुसार दर रेट सहितको बजार दर भाउ पत्र पेश गर्नु हुन सम्बन्धित सबैमा जनकारीको लागि अनुरोध छ।


डा. सुरेन्द्र यादव
वरिष्ठ पशु चिकित्सक अधिकृत
कार्यालय प्रमुख



Ministry of Agriculture and Livestock Development
Prime Minister Agriculture Modernization Project
Project Implementation Unit (Siraha & Saptari)

Technical Specification of Ultrasonic Milk Analyzer with Computer, Printer
Weighing Scale, Software and Accessories

Criteria	Required Technical Specification		Bidder's Offered Specification
1	Electronic Weighing Scale		
Capacity	:	At least 200 Kg	
Resolution	:	Up to 20 Gram	
Accuracy	:	Up to 20 Gram	
Platform	:	300mm x 300mm (+/- 50mm)	
Load Cell	:	Stainless steel, with stand load of minimum 300%	
Indicator	:	Bright LED display with tare, net and gross weight indication	
Facility	:	Tare, net, gross weight & auto zero facility	
Protection	:	Mechanical overload protection and cold start facility.	
Power supply	:	220 to 240 V, 50 Hz.	
Data Interface	:	RS 230 to 240 interface.	
2	Digital Stirrer with Vibrator		
3	Automatic Milk Analyzer		
Purpose	:	Measuring the compositional parameters of raw and pasteurized cow/buffalo milk and liquid dairy product with digital display.	
Type	:	Ultrasonic technology with Portable design	
Measuring Parameter	:	Fat, SNF, Milk Density, Added water, Lactose, pH and Temperature, Freezing Point and conductivity	
Parameter	:	Measuring Range	Accuracy
Protein	:	1-15% ± 5%	<+/- 0.15%

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Fat	:	0 to 12% ± 5%	<+/- 0.1%
SNF	:	6 to 12% ± 3%	<+/- 0.1%
Milk Density	:	1.0260g/cm ³ to 1.0330g/cm ³	+/- 0.0005g/cm ³
Added Water	:	0 to 70% ± 10%	+/- 5%
Lactose	:	1% to 7% ± 3%	+/-0.2%
PH	:	0 to 14 ph	+/-0.02
Temperature	:	0 to 50° C ± 5° C	+/-0.1%
Conductivity	:	2 to 20 ms/cm ± 2 ms/cm	+/- 1 ms/cm at 18°C
Freezing Point	:	0°C to -1.0°C	
Repeatability	:	+/-0.05%	
Sample Volume	:	Less than 30ml	
Measuring Cycle	:	Less than 50 sec	
Ultrasonic Cleaner	:	Compatible	
Data Interface	:	RS 230 to 240 interface and POS printer support	
Power Requirement	:	AC Single Phase 220V, 50HZ and DC 12V	
Operating Temperature	:	5-45°C	
4	Computer, Printer, Backup (UPS) and Software set		
Computer	:	Desktop or Laptop Computer to install software	
Printer	:	Bluetooth Printer	
Backup (UPS)	:	Suitable UPS capable of providing backup	
Integrated Software	:	Reports having facility to export in pdf, excel formats possible to interface with all type of weighing scales. Should generate shift wise, date wise, fortnight & monthly report	
5	Training & Installation	:	After installation and commissioning, on the spot training as to be provided to the staffs.
6	Manuals &	:	One set of manuals and catalogue to be supplied with each

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	Catalogues		Analyzer.
7	Warranty	:	One Year

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Er.Sikindar Yadav
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Dr.Surendra Yadav

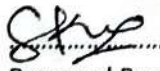
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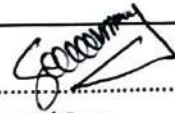


नेपाल कृषि तथा पशुपालन विकास मन्त्रालय
प्रधानमन्त्री कृषि आधुनिकीकरण परियोजना
परियोजना कार्यान्वयन केन्द्र (सिरहा र सप्तरी)

Fy 2079/80

Technical Specification of Ultrasonic Milk Analyzer With Printer				
S.N	Criteria	Required Technical Specification		Bidder's Offered Specification
1	Automatic Milk Analyzer			
	Purpose	To Measure SNF, Protein of cow/ buffalo milk		
	Type	Ultrasonic Techonology with Portable Design		
	Measuring Parameter	SNF		
	Parameter	Measuring range	Accuracy	
	Protein	1-15% \pm 5%	<+/-0.15%	
	Fat	0 to 12% \pm 5%	<+/-0.1%	
	SNF	6 to 12% \pm 3%	<+/-0.1%	
	Sample Volume	Less than 30 ml		
	Measuring Cycle	Less than 60 sec		
	Ultrasonic Cleaner	Compatible		
	Data Interface	RS 232 Interface & POS Printer Support		
	Power Requirment	AC Single Phase 220 V, 50 Hz & DC 12V		
	Operating Temperature	5-45°C		
2	Computer, Printer, Backup (UPSO & Software Set)			
	Printer	Bluetooth Thermal Printer		
a	Instruction	All sings and instruction in an Ultrasonic Milk Analyzer With Printer shall be in English/Nepali		
b	Proven performance	The bidder shall provide the manufacturer's data of performance of the unit to include efficiency		
c	Warranty	Manufacturer shall provide minimum warranty valid for one year after the date of acceptance		
d	Tools	A set of tools as required for general maintenance shall be supplied with a locable tool box		
e	Color	Standard color		
f	Delivery place	The goods should be delivered to PMAMP, siraha		


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Government of Nepal
Ministry of Agriculture and Livestock Development
Prime Minister's Office Modernization Project
Project Implementation Unit, Siraha
Zone Technical Unit (Saptari)

F.Y:-2080/081

1. Technical Specification of Tractor Operated Chaff Cutter

S.N	Description	Required Specification	Bidder's Offered Specification
1	Lower Frame (BOTTOM CHASSIS CHANNEL)	MADE FORM $\geq 125 \times 40 \times 2.5$ mm. M.S. CHANNEL APPROX. 2100mm. LENGTH.	
2	Cutting Assembly	4nos. Feeding Rollers & Mouth Side 275mm. Wide	
3	Feeding System	Conveyor Type Feeder With Forward & Reverse gear Control Connected With 4nos. Joints. The Feeder Is Covered Near by Feed Roller Side.	
4	Fly Wheel	Made Form M.S. Iron Plate Which Diameter 825mm.	
5	Cutting Blades	4nos. Cutting Blades Made Form Carbon Steel Thickness ≥ 2.5 mm. Which Can Be Adejstable In 3 & 2 Blades	
6	Gear Box	Provision of 3 Forward & 1 Reverse Gear In The Machine & Provision of Lubrication In All The Rotatting Parts & Gear Chain is Covered Form 1.6 mm Thick M.S. Iron Sheet	
7	Bearing & Pedstable	3nos. Pedstable in Main Shaft & 2nos. Pedstable in Lower Pulley & 1nos. in Gear Box	
8	Balance Wheel	Made Form Cast Iron, Diameter is ≥ 75 mm. & Thickness ≥ 75 mm. Top	
9	Driven Pulley	3 Grip Pulley Made Form Cast Iron Upper Pulley Diameter : ≥ 225 mm. Lower Pulley Diameter : ≥ 250 mm.	
10	Main Shaft	Diameter : ≥ 65 mm.	
11	V-belt	Made Form Hindon Or Equivalent	
12	P.T.O. Shaft	Good Quality Cross Fitted 90	
13	Tractor Power Capacity	30 Hp or Above Connecting To The Tractor	
14	Cutting Capacity	This Machine Is Suitable For Cutting Both Type Chaff Green Chaff & Dry Chaff. Green Chaff : 2500 kg./hr to 3500 kg./hr. Dry Chaff : 2000 kg./hr to 2500 kg./hr. & It Depends On The Input Feed & Chaff Condition.	
15	Chaff Cutting Size	5mm to 10mm	
16	Feeding (Crop / Chaff) Material	Millet , Sorgum , Maize & Paddy Straw etc	
17	Transportation Wheel / Type	6.00 x 16	
18	Speed	Multispeed With 540 rpm / 1000 rpm. Tractor	
19	Linkage	At Tractor's Trolley Hook	
20	Safety Guard / Cover	All The Movable Parts Are Covered Form 1.6 mm Thick M.S. Iron Sheet As Per Bis Standard	
21	Feeting Accessories	Machine Completely Fitted Form Nut , Bolts & Wassers to Make it Folding.	
22	Over All Diameter	Length : ≥ 3300 mm Width : ≥ 1200 mm Hight : ≥ 2100 mm	
23	Over All Weight	900 kg . Approx	
24	Brand	Agrimax	
25	Country of Origin	India	
26	Instructions	All sings and instruction in an chaff cutter shall be in English/Nepali	

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27	Proven Performance	The bidder shall provide the manufacturer's data of performance of the unit to include efficiency	
28	Tools	A set of tools as required for general maintenance shall be supplied.	
29	Warranty	Supplier shall provided at least 1 year of warranty after acceptance.	
30	Colour	Standard Colour	
31	Delivery place	The goods Should be delivered to Siraha	

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