

Bid Document

Bid Details	
Bid End Date/Time	17-02-2020 19:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Odisha
Department Name	Public Enterprises Department Odisha
Organisation Name	Odisha State Co-operative Milk Producers Federation
Office Name	Bhubaneswar
Total Quantity	4
Item Category	Electronic Milk Analyser with adulteration testing equipment
MSE Exemption For Years Of Experience And Turnover	No
Startup Exemption For Years Of Experience And Turnover	No
Document required from seller	Experience Criteria,Bidder Turnover,OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Electronic Milk Analyser With Adulteration Testing Equipment (4 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Construction	Maximum Operating temperature	50	*
	Minimum Operating temperature	5	*
	Width	380	*
	Body Material	Powder Coated MS	*
	Length	310	*
	Height	285	*
	Weight	4.5	*
Functional Parameters	Sample Volume, ml	5-10	*
	Caliberated Adulterants	Urea,Ammonium Sulphate,Sodium Bi-carbonate,Maltodextrin,Sucrose,Added water,Sorbitol,Melamine,Sodium Carbonate,Vegetable oil with chemical emulsifiers,milk abnormality,nitrate	Urea, Ammonium Sulphate, Sodium Bi-carbonate, Maltodextrin, Sucrose, Added water, Sorbitol, Melamine, Sodium Carbonate, Vegetable oil with chemical emulsifiers, milk abnormality, nitrate
	Minimum temperature of Sample raw milk	5	*
	Maximum temperature of Sample raw milk	35	*
	Measuring Analysis speed per Sample	45	*
	Measured Parameters	Fat,SNF,Protein	Fat, SNF, Protein
Performance Parameters	Detection Limit for Hydrogen Peroxide	NA	*
	Detection Limit for Ammonium Sulphate	= <0.1%	*
	Accuracy of Density Measurement	NA	*
	Maximum Measuring limit for Added Water	NA	*
	Minimum Measuring limit for Added Water (%) (Hint- Mention	NA	*

minimum detection limit)		
Accuracy of Lactose Measurement	NA	*
Accuracy of Protein Measurement	0.15%-0.2%	*
Maximum Measuring limit for Protein	6%	*
Maximum Measuring limit for Density(Kg/m3)	NA	*
Detection Limit for Added Water	>=20%	*
Detection Limit for salt(Sodium Chloride)	NA	*
Detection Limit for Detergent	NA	*
Minimum Measuring limit for Lactose	NA	*
Minimum Measuring limit for Protein	=<2%	*
Maximum Measuring limit for SNF	10%-15%	*
Detection Limit for Sucrose	>=0.6%	*
Detection Limit for Sodium Bi-Carbonate	>=0.1%	*
Detection Limit for Urea	>=0.2%	*
Maximum Measuring limit for Lactose	NA	*
Accuracy of SNF Measurement	0.15%-0.2%	*
Maximum Measuring limit for Fat	12%-15%	*
Accuracy of Added Water Measurement	3%-4%	*
Minimum Measuring limit for Density(Kg/m3)	NA	*
Minimum Measuring limit for SNF	=<6%	*
Accuracy of Fat Measurement	0.05%-0.1%	*
Minimum Measuring limit for Fat	=<0.5%	*

	Detection Limit for Maltodextrin	>=0.6%	*
	Detection Limit for Caustic Soda	NA	*
	Detection limit of melamine	0.1%-0.15%	*
	Detection Limit of Nitrate	0.05%-0.1%	*
Generic Parameters	Count of Samples for which reagents, consumables, spares & accessories are provided with Instrument	10000	10000
	AC Power Supply	220-240V AC - 50 Hz	*
	Supplier capable of supply of samples, reagent, consumables & accessories as & when required	Yes	*
	Built In Diagnostics to ensure accurate & error free operations	Yes	*
	DC Power Supply	24V	*
	Rated Power, Watt	40-50	*
	Communication Interface data transfer modes	USB, RS-232, SD Card	*
	Display Type	TFT	*
	POS Printer Provided with Instrument	No	Yes, No
	PC Based software provided for Data analysis	Yes	*
	Calibration feature Available	Reference Sample	*
	User Manual Provided	Hard Copy	*
	Installation & training	No. of days of training program	1
No of people to be trained in training program		5-10	*
Spares and Preventive Maintenance kits and Accessories for routine operation		Yes	*
No of training sessions		2	*

	executed		
Warranty & services	Ability of supplier to provide spares/consumables upto 10 years of supply(Separate purchases not included in this purchase)	Yes	*
	No. of On Site Preventive Maintainance visit during warranty Period	1	*
	All test report & documents to be submitted on Buyer demand	Yes	*
	Warranty Extension in case of Breakdown for more than 30 days due to Manufacturing Defects/Faulty Spares	Yes	Yes
	Warranty from date of installation(System & all other parts) in years	1	1.0

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Vikramaditya Mishra	751007,D-2, SAHID NAGAR, BHUBANESWAR	4	30

Bid Specific Additional Terms and Conditions

1. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
2. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract.

Payment shall be released only after submission of documentary evidence of having Functional Service Centre.

3. Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
4. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
5. ISO 9001: The bidder must have ISO 9001 certification.
6. OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 25% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.
7. Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 3 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG). Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

[This Bid is also governed by the General Terms and Conditions](#)

---Thank You---