

Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 18:00:00
Bid Opening Date/Time	18-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Animal Husbandry Department Rajasthan
Organisation Name	Rajasthan Cooperative Dairy Federation(rcdf)
Office Name	Jaipur
Total Quantity	1
Item Category	Electronic Milk Analyser with adulteration testing equipment
Bidder Turnover (Last 3 Years)	2 Lakh (s)
OEM Average Turnover (Last 3 Years)	10 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *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
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

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Required	No
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Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Electronic Milk Analyser With Adulteration Testing Equipment (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Construction	Maximum Operating temperature	40	*
	Minimum Operating temperature	5	*
	Width	252	*
	Body Material	Polycarbonate	*
	Length	194	*
	Height	207	*
	Weight	4.1	*
Functional Parameters	Sample Volume, ml	= <5	*
	Caliberated	Urea,Detergent,Ammon	Urea, Detergent,

	Adulterants	ium Sulphate,Salt,Hydrogen Peroxide,Sodium Bi-carbonate,Caustic Soda ,Maltodextrin,Sucrose,Added water,Sorbitol,Melamine,Sodium Citrate,Starch,Formaldehyde,Sodium Carbonate,Vegetable oil with chemical emulsifiers,milk abnormality,nitrate	Ammonium Sulphate, Salt, Hydrogen Peroxide, Sodium Bicarbonate, Caustic Soda, Maltodextrin, Sucrose, Added water, Sorbitol, Melamine, Sodium Citrate, Starch, Formaldehyde, Sodium Carbonate, Vegetable oil with chemical emulsifiers, milk abnormality, nitrate
	Minimum temperature of Sample raw milk	5	*
	Maximum temperature of Sample raw milk	40	*
	Measuring Analysis speed per Sample	45	*
	Measured Parameters	Fat,SNF,Protein,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	70%-75%	*
	Minimum Measuring limit for Added Water (%) (Hint- Mention minimum detection limit)	20%-25%	*
	Accuracy of Lactose Measurement	NA	*
	Accuracy of Protein Measurement	0.05%-0.1%	*
	Maximum Measuring limit for Protein	8%	*
	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	=<1%	*
	Maximum Measuring limit for SNF	10%-15%	*
	Detection Limit for Sucrose	>=0.4%	*
	Detection Limit for Sodium Bi-Carbonate	NA	*
	Detection Limit for Urea	>=0.1%	*
	Maximum Measuring limit for Lactose	NA	*
	Accuracy of SNF Measurement	0.1%-0.15%	*
	Maximum Measuring limit for Fat	12%-15%	*
	Accuracy of Added Water Measurement	NA	*
	Minimum Measuring limit for Density(Kg/m3)	NA	*
	Minimum Measuring limit for SNF	=<1%	*
	Accuracy of Fat Measurement	0.10%-0.15%	*
	Minimum Measuring limit for Fat	=<0.01%	*
	Detection Limit for Maltodextrin	>=0.6%	*
	Detection Limit for Caustic Soda	NA	*
	Detection limit of melamine	NA	*
	Detection Limit of Nitrate	NA	*
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, reagents	Yes	*

	ent,consumables & accessories as & when required		
	Built In Diagnostics to ensure accurate & error free operations	Yes	*
	DC Power Supply	12V	*
	Rated Power, Watt	20-30	*
	Communication Interface data transfer modes	RS-232,SD Card,Cloud	*
	Display Type	LCD	*
	POS Printer Provided with Instrument	Yes	Yes
	PC Based software provided for Data analysis	Yes	*
	Calibration feature Available	Reference Sample	*
	User Manual Provided	SoftCopy,Hard Copy	*
Installation & training	No. of days of training program	2	*
	No of people to be trained in training program	10-15	*
	Spares and Preventive Maintenance kits and Accessories for routine operation	Yes	*
	No of training sessions executed	10	*
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 Maintenance visit during warranty Period	2	*
	All test report & documents to be submitted on Buyer demand	Yes	*
	Warranty Extension in case of	Yes	Yes

	Breakdown for more than 30 days due to Manufacturing Defects/Faulty Spares		
	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	Om Prakash Sukharia	344001,OPP.KRISHI UPAJ MANDI, N.H.-15 BARMER (RAJ.)	1	10

Bid Specific Additional Terms and Conditions

1. The Bidder / OEM {themselves or through reseller(s)}, should have executed project for supply and installation / commissioning of same or similar Category Products during preceding 3 financial years (i.e. current year and three previous financial years) as on opening of bid, as per following criteria:

- (i) Single order of at least 35% of estimated bid value; or
- (ii) Two orders of at least 20% each of estimated bid value; or
- (iii) Three orders of at least 15% each of estimated bid value.

Satisfactory Performance certificate issued by respective Buyer Organization for the above Orders should be uploaded with bid. In case of bunch bids, the Category related to primary product having highest bid value should meet this criterion

2. Malicious Code Certificate:

The seller should upload following certificate in the bid:-

(a) This is to certify that the Hardware and the Software being offered, as part of the contract, does not contain Embedded Malicious code that would activate procedures to :-

- (i) Inhibit the desires and designed function of the equipment.
- (ii) Cause physical damage to the user or equipment during the exploitation.
- (iii) Tap information resident or transient in the equipment/network.

(b) The firm will be considered to be in breach of the procurement contract, in case physical damage, loss of information or infringements related to copyright and Intellectual Property Right (IPRs) are caused due to activation of any such malicious code in embedded software.

3. 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.

4. 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 7 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.
5. 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.
6. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product 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 OEM 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. In case of bunch bids, the OEM of CATEGORY RELATED TO primary product having highest bid value should meet this criterion.
7. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

---Thank You---