

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 16:00:00
Bid Opening Date/Time	27-07-2020 16:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	45 (Days)
Ministry/State Name	Madhya Pradesh
Department Name	Animal Husbandry Department Madhya Pradesh
Organisation Name	Madhya Pradesh State Cooperative Dairy Federation Limited (mpcdf) Bhopal
Office Name	Head Office
Total Quantity	4
Item Category	Electronic Milk Analyser with adulteration testing equipment
Bidder Turnover (Last 3 Years)	8 Lakh (s)
OEM Average Turnover (Last 3 Years)	10 Lakh (s)
Experience Criteria	2 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	50 %
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	2.00
EMD Amount	31910

ePBG Detail

Advisory Bank	State Bank of India
ePBG Percentage(%)	10.00
Duration of ePBG required (Months).	12

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Store Assistant

Head Office, Animal Husbandry Department Madhya Pradesh, Madhya Pradesh State Cooperative Dairy Federation Limited (MPCDF) Bhopal,
(Shiv Charan Singh)

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 50% 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 (4 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	*

Performance Parameters	Caliberated Adulterants	Urea,Detergent,Ammonium Sulphate,Salt,Hydrogen Peroxide,Sodium Bi-carbonate,Caustic Soda,Malt odextrin,Sucrose,Added water,Sorbitol,Melamine,Sodium Citrate,Starch,Formaldehyde,Sodium Carbonate,Vegetable oil with chemical emulsifiers,milk abnormality,nitrate	Urea, Detergent, Ammonium 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
	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, Lactose, Density, Temperature, Freezing Point of Milk, Salt, Ph, Conductivity
	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,sparcs & 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	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	*
	Caliberation feature Available	Reference Sample	*
	User Manual Provided	SoftCopy,Hard Copy	*
Installation & training	No. of days of training	2	*

	program		
	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 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	Vijay Agrawal	462024,Bhopal milk Union ,Dugdha Marg, Habibganj	1	45
2	Anand Chouksay	482004,Jabalpur milk Union ,Adhartal, Jabalpur	3	45

Bid Specific Additional Terms and Conditions

- 1.End User Certificate:** Wherever Bidders are insisting for End User Certificate from the Buyer, same shall be provided in Buyer's standard format only.
- 2.Scope of supply (Bid price to include all cost components) :** Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)
- 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.IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- 5.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.

6. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
7. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
8. SLBR52
9. ISO 9001: The bidder must have ISO 9001 certification.
10. The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.
11. Warranty period of the supplied products shall be 1 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid
12. 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
13. Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

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

---Thank You---