

**MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH  
MARYADIT, MUMBAI, (MRSDMM)**

**Unit no. 12, Mahanand Dairy,**

**Western Express Highway , Goregaon (East), Mumbai Pin – 400 065**

**Website: - <https://mahatenders.gov.in>**

**TENDER FOR THE " Sodium Potassium Analyser"**

Bid Opening Date	02.02.2021
Bid life cycle (From Publish date)	90 days
Bid offer validity (From End date)	120 days
Organisation Name	Maharashtra Rajya Sahkari Dudh Mahasangh Marydit, Mumbai
Item Category	Sodium Potassium Analyser
Total Quantity	4
Bidder Turnover (Last 3 Years)	50 lacs
OEM Average Turnover (Last 3 Years)	75 lacs
Experience Criteria	3 Years
Document Required from Seller	Experience Criteria, Bidder Turnover , OEM Authorization Certificate, OEM Turnover
Estimated Bid Value	8 lac
EMD Details	
EMD Amount (Rs)	14000
Security Deposit (%)	10
Equipment Delivery Period	30 days

**MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH  
MARYADIT MUMBAI  
(MAHANAND DAIRY)**

**Tender No:003**

**Date:- 22.01.2021.**

Managing Director of MRSDMM, Mumbai invites online E-TENDER in two bid system from the suppliers of **Sodium Potassium Analyser**

Sr No	Description	Tender Fee (Rs.)	EMD (Rs.)
1.	TENDER FOR THE SUPPLY OF " <b>Sodium Potassium Analyser</b> "	3,200.00 + 576.00 (18% GST) 3,776.00	14,000/-

Interested eligible tenderers may obtain further information of technical specifications, required quantities and other terms and condition applicable for supply of above items from the e-tendering website :- <https://mahatenders.gov.in>

**Bidder has to select the payment option as “offline” to pay the tender fee as applicable. The tender form fee and EMD should be paid separately via offline mode only. (By Demand Draft in favour of “Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit “ Payable at Mumbai.)**

Tender forms 'A' and 'B' along with terms and conditions of the tender can be downloaded from the website of MRSDMM on making payment of Rs. 3,200/- + GST 18% Rs. 576.00/- = Total Rs. 3,776/-. Both the payments should be paid via offline mode only & separately.

- (1) Please read the tender documents carefully. Only GST Registered tenderer can apply.
- (2) Intending Tenderer may obtain further information of technical specifications, required quantities and other term and conditions applicable for procurement of above items from the e-tendering website :- <https://mahatenders.gov.in>
- (3) Please attach scanned copy of receipt / details of payment of cost of tender form, EMD Receipt and scanned copies of relevant document mentioned in the tender, while submitting tender / offer.

## **TENDER SCHEDULE**

- 1. Tender Publish date :- 22.01.2021**
- 2. Dates for issue Online / Download Tender Forms Date :- 22.01.2021 to 01.02.2021.**
- 3. Last date for Submission of Tender :- 01.02.2021 upto 2.00 PM**
- 4. Date & Time of opening Tender (Form A and B) 02.02.2021 at 3 PM.**
- 5. Tender Terms & Conditions : Attached / Placed below.**
- 6. Technical details along with Supporting documents : Form "A" Attached.**
- 7. Please quote your Rate (In enclosed Format) : Form "B" Attached**

### **INSTRUCTION REGARDING FILLING OF TENDER FORM**

1. While filling the form read the terms & conditions carefully.
2. Tender forms are to be filled in separately and submitted online through 'Link' provided on the 'Website of Mahanand Dairy ([www.mahanand.in](http://www.mahanand.in))' separately and clearly marked as Form "A" & Form "B". All the columns in the tender form are to be filled in properly and completely.
3. Rates are to be filled on the page provided with the tender form. All pages should be digitally signed and sealed by the tenderer. Otherwise the tender form shall be summarily rejected. Incomplete form shall be rejected.
4. Tender forms shall be used only by the purchaser of the tender form, otherwise it shall be rejected summarily.

## TENDER FORM NO: 03

### 1 - Form "A" (TECHNICAL BID)

TO,

The Managing Director,  
Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit Mumbai,  
Western Express Highway, Goregaon (East),  
Mumbai – 400 065.

Dear sir,

With reference to your tender notice dated ----- I/We, undersigned am/are interested to supply the "**Sodium Potassium Analyser** " My/Our details are as mentioned below.

1	Name of Applicant (In Block Capital Letters)	
2	Permanent Address (Along with scan copy of Adhar and or PAN Card) Registered Address of Company or Firm Registered No. With scan copy Registration Certificate	
3	Telephone No. Mobile No.	
4	E-mail Address	
5	Details of the authorized person who is authorised to sign the tender / negotiate.	
7	Details of the earlier supply of Sodium Potassium Analyser (Please submit proper evidence from respective organisation/s)	
8	If Tenderer is Importer or Trader. Details of Import License / Trading License.	

9	Details of turnover during last 3 Years. Attach true copies of last 3 years balance sheet and profit and loss account.	
10	Income tax Permanent Account No. And copy of the last filed return.	
11	Any other information which the Tenderer willfully wants to disclose.	
12	GST Registration No.	
13	Certificate of Analysis	

**Scanned copies of required documents to be submitted along with this Form :**

- 1) Receipt of payment of E-tender Form Fee Rs. 3,776/-  
**EMD**
- 2) Payment of EMD Rs. 14,000/-.

Bank name -

D.D No.-

Date. –

I / We have gone through the terms and conditions of the the tender and proposed **Sodium Potassium Analyser** Supply agreement / contract. We are ready to execute the Agreement with MRSDMM in case tender is awarded to me / us. We shall bear cost of stamp duty and registration charges if any. The above quoted rates shall be valid till such time the Agreement is in force.

Thanking you,

Yours faithfully,

NAME & SIGNATURE OF THE AUTHORISED SIGNATORY

NAME OF THE TENDERER

RUBBER STAMP / DIGITAL SIGNATURE

**PLACE :-**

**DATE:**

**LIST OF ENCLOSURES :-**

**1.**

**2.**

**3.**

**4.**

**5.**

**6.**

**7.**

**TENDER FORM NO - 03**  
**2 - Form "B" (COMMERCIAL BID)**

**MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH MARYADIT,  
MAHANAND DAIRY, GOREGAON (EAST), MUMBAI - 400 065.**

**TENDER FORM FOR SUPPLY OF " Sodium Potassium Analyser"**

In this commercial bid the tenderer shall submit "BOQ" format (i.e. Excel sheet in the commercial section of the tender.)

The rates quoted by the tenderer shall remain valid for a period of 120 days from the date of opening of the commercial offer i.e. (Finance Bid). The bidder must fill the exact amount of figure (Numbers) only in Finance Bid (BOQ format) section. Avoid any mathematical symbols in BOQ" format i.e. (%,\* etc.). If it is found MRSDMM reserves rights to reject the tender.

SR. NO.	NAME OF THE MATERIAL	Qty	Basic Rate per unit (Rs)	GST (%)	Total Rate with Delivery/in stallation and commissio ning
1	"Sodium Potassium Analyser" (Application Measurement of sodium and potassium content in milk)	04			

Note: The Rates should be inclusive of all taxes, levies; transport charges, installation and Commissioning etc. upto delivery location

I / We have gone through the term and conditions mentioned herein above. The above information is true and correct. The above quoted rates are inclusive of taxes & Tolls and

are subject to the terms and conditions mentioned herein above. MRSDMM is authorised to deduct TDS and other statutory taxes from the payment of bills.

Yours faithfully,

NAME & SIGNATURE OF THE AUTHORISED SIGNATORY  
NAME OF THE TENDERER  
RUBBER STAMP / DIGITAL SIGNATURE

**PLACE :-**

**DATE:**

**MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH MARYADIT.**

MAHANAND DAIRY, GOREGAON (EAST), MUMBAI-400 065.

**GENERAL TERMS & CONDITIONS OF TENDER FOR SUPPLY OF  
" Sodium Potassium Analyser"**

- 1) The Tender form Fee (Non Refundable) and EMD should be paid via offline mode only. The Tender fee (Non Refundable) and EMD should be paid separately & will be accepted in the form of Demand Draft only in favour of "Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit " Payable at Mumbai.
- 2) The tenderer must attach the scanned of receipt copies of Tender fee (Non Refundable) and EMD while submitting the Technical bid via online mode ([www.mahatenders.gov.in](http://www.mahatenders.gov.in)) Failing to do so MRSDMM reserves right to reject the said bidder.
- 3) OEM Turnover :- The minimum average annual financial turnover of the OEM of the offered the last three years, ending on 31<sup>st</sup> March of the previous financial year, should be as indicated in the Bid document. Documentary evidence in form of certified Audited Balance sheets or certificate from the Chartered Accountant indicating the turnover details for the relevant period shall be uploaded with the bid.
- 4) Bidder turnover criteria :- The minimum average annual financial turnover of the Bidder during the last three years, ending on 31<sup>st</sup> March of the previous financial year, should be as indicated in the Bid document. Documentary evidence in form of certified Audited Balance sheets of relevant periods or a certificate from the Chartered Accountant indicating the turnover details for the relevant period shall be uploaded with the bid.
- 5) The tender should be submitted in two Bids (1&2 as follows):
  - A) TECHNICAL BID:
  - B) COMMERCIAL Bid:

In this commercial bid the tenderer shall submit "BOQ" format (i.e. Excel sheet) as per the excel sheet. The excel found in the commercial section of the tender.

The rates quoted by the tenderer shall remain valid for a period of 120 days from the date of opening of the commercial offer i.e. (Finance Bid). The bidder must fill the exact amount of figure (Numbers) only in Finance bid (BOQ format) section. Avoid any mathematical symbols in BOQ format

i.e. ( % ,\* etc.) . If it is found MRSDMM reserve rights to reject the bidder.

- 6) The E.M.D. shall be forfeited if the successful tenderer fails to accept the contract. Without prejudice to the said action, MRSDMM shall be at liberty to initiate any other appropriate action against the tenderer for breach of contract. The E.M.D. of the unsuccessful tenderer shall be refunded within Two month from the date of finalization of the tenders.
- 7) If at any point before finalization of tender, it is realized by MRSDMM that tenderers have deliberately formed a cartel or syndicate to corner the contract, MRSDMM reserves the right of declaring the whole process null and void and also reserves the right of forfeiting EMD of concerned tenderers.
- 8) **Experience Criteria :-**
  - A. The company should have proof of atleast 15 installation of long term users of Automatic Sodium Potassium Analyser in India using equipments till date for more than 5 years towards quality & longevity of operation. Provide Performance Certificate
  - B. The Company should be reputed with atleast 20 installation in Dairy Cooperative Federation/ Milk Union/ Societies in India. Proof to be enclosed.
9. Bidder financial standing :- The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect the bid.
10. Upload Manufacture authorization :- Wherever Authorised Distributors are submitting the bid., Manufactures Authorisation form certificate with OEM details such as name, designation, address, email ID and phone no required to be furnished along with the bid.
11. Bidders shall quote only those products in the bid which are not obsolete in the market and has at least 2 years residual market life i.e. the offered product shall not be declared end of life by the OEM before this period.
12. Buyers reserves the right to postpone schedule of material supply after installation of order by 6 months without any additional cost implication.
13. Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actual or as per applicable rates (whichever is lower) subject to the maximum of quoted GST%

14. Data sheet of the product offered in the bid are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specification offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.
15. Installation, Commissioning, Testing, Configuration, Training (if any – which ever is applicable as per scope of supply) is to be carried out by OEM/OEM certified resources or OEM authorised Reseller.
16. Loading and unloading at yard will be under scope of supplier.
17. Malicious code Certificate :- The seller should upload following certificate in the bid.
  - a) This is to certify that the Hardware and Software being offered as part of the contract does not contain Embedded Malicious code that would activate procedure to :-
    - i. Inhibit the desires and designed function of the equipment.
    - ii. Cause physical damage to the user or equipment during the exploitation.
    - iii. Top information resident or transient in the equipment/network.
  - b) The firm will be considered to be in breach of procurement contract. In case physical damage, loss of information or infringements related to copyright and intellectual property rights are caused due to activation of any such malicious code in embedded software.
18. Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer. Buyer may terminate the contract or any part thereof by a written notice to the seller if .
  - i. The seller fails to comply with any material term of the contract.
  - ii. The seller informs buyer of its inability to deliver the material or any part thereof within the stipulated delivery period or such inability otherwise becomes apparent.
  - iii. The seller fails to deliver material or any part of thereof within the stipulated delivery period and/or to replace/ rectify any rejected or defective material promptly.
  - iv. The seller becomes bankrupt or goes into liquidation.
  - v. The seller make a general assignment for the benefit of creditors.
  - vi. A receiver is appointed for any substantial property owned by the seller.

- vii. The seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase order on the Seller.
19. Scope of Supply (Bid price to include all cost components):- Supply installation Testing Commissioning of Goods and training operators and providing and providing statutory clearances required.
  20. Imported Products :- In case of imported products , OEM 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.
  21. 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 centre 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.
  22. Dedicated/toll free telephone no for Service support :- Bidder/ OEM must have dedicated/toll free Telephone no for service support.
  23. Escalation Matrix for service support :- Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service support.
  24. Bidder's offer is liable to be rejected if they don't upload any of the certificates/ documents sought in the bid document.
  25. ISO 9001: The Bidder must have ISO 9001 certification.
  26. Material Test Certificate should be sent along with the Supply :- The material will be checked by Buyer's lab & the result of the lab will be the sole criteria for acceptance of the term.
  27. 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.
  28. Bidder/OEM has to give an undertaking that after expiry of warranty period, it will provide AMC service for next 2 years for the offered product at the rate not more than 1% of contract price per annum. Buyer reserves the right to enter into AMC agreement (Covering preventive maintains and servicing) with the successful bidder/OEM after expiry of the warranty period at rate as mentioned above and the payment for the AMC charges would be made annually after rendering of the AMC services of the relevant AMC period.

Performance security of the successful bidder shall be forfeited if it fails to accept the AMC contract when call upon by the Buyer. The original performance Security of contract will be returned only after submission and verification of AMC performance security for 10% of total AMCU value valid upto AMC period + 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid)

29. Time 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 within define time limit, a penalty of 0.5% of unit price of the product shall be charged as penalty for which week of delay from the seller. Seller can deposite the penalty with the buyer directly else the buyer shall have a right to recover all such penalty amount from the performance security (SECURTY DEPOSITE) cumulative penalty can not exceed more the 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 SECURITY DEPOSITE. Seller shall be liable to re-imberse the cost of such service/rectification to the buyer.
30. The bidder must be an experienced manufacturer or Authorized Channel Partner authorized by him for supplying the subject goods. If manufacturer, scanned copy of manufacturing license/factory license/ udyog aadhaar etc. be scanned and uploaded. If not a manufacturer, then manufacturer's authorization from duly signed with seal by the manufacture on the manufacturing firm's letter head along with the copy of manufacturing license and/or udyog aadhaar of the respective manufacture.

31. Terms of Payment

**a. 100% payment after successfully installation and commissioning.**

32. Penalty Clause for delay in execution

Delay Detail	% of accepted bid value
Delay of 1 day to ¼ of delivery period	2.5%

Delay > 1/4 <sup>th</sup> delivery period but <1/2 of delivery period	5%
Delay > 1/2 of delivery period but <3/4 <sup>th</sup> of delivery period	7.5%
Delay > 3/4 <sup>th</sup> of delivery period and up to = delivery period	10%
Maximum deduction on account of delay	10%

33. The bidder cannot stipulate any terms and condition of his own beyond the tender requirements.
34. Training :- Basic training on operation/maintenance to be arranged by the bidder after installation of the equipment along with calibration development to be done for parallel/alternate milk products. The advance training on these should be conducted as per the request from end user, on mutually agreeable dates. The equipment should also be supplied with user manuals required for installation and training.
35. Purchaser reserves the right to verify the performance of equipment at any stage of purchase process the bidder are requested to arrange successful demonstration and evaluation.
36. The reference / traceability of compliance information in the offer shall be clearly specified with supporting documentary evidences. The offer with incomplete/untraceable information may not be considered. Any type of unwarranted canvassing for selection of instrument may lead to rejection of the offer.
37. No offering of refurbished/ assembled/demo modules: No part of the offered equipment shall be refurbished or used in demonstration purpose. Kindly submit undertaking.
38. It is the responsibility of vendor to supply a complete solution / unit for the analysis.
39. Any grievance of a Bidder pertaining to the procurement process shall be referred to the Appellate Authority.  
Appellate Authority will be Managing Director , Maharashtra Rajya Sahkari Dudh Mahasangh Maryadit, Mumbai & his decision will be final and binding on both the parties.
40. The material/equipment/machinery offered must be securely packed at the cost of the suppliers to withstand tough handling enroute by road/rail/air. Packing should be provided with protective lining to avoid damage to the surface of the packing and the items packed inside.
41. Marking : Each package delivered under this bid shall be marked by the suppliers at their own expenses. Such markings shall be distinct and should bear the following:
  - Name of Scheme :- NPDD

- Name of the supplier.
  - Details of the items in the package. Weight gross, net and tare.
  - Name and address of the consignees as mentioned in the procurement date.
  - Marking shall be carried out with such a material as may be considered necessary as regards quickness of drying, fastness and indelibility.
42. Insurance :- The supplier shall arrange insurance coverage, according to the dispatch instructions issued by Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit Mumbai and the supplier should cover all dispatches. The insurance coverage shall have to be arranged commencing from their warehouse/works to the warehouse of the buyer (All Transit risks).Suppliers are requested to take insurance with any Nationalized Insurance Company. Charges will be borne by the bidder. The cover provided by the insurance shall be in such amount so as to allow complete replacement for any item lost or damaged.

**Technical Specification :-**

Name of Equipment	Flame Photometer
Application	Measurement of Sodium and Potassium content Milk

Equipment specification		
Sr No	Parameter	Description

1	Unit of measurement	System shall display result directly in PPM
2	Range of measurement	Should measure Na, K in the range of : 2-200 ppm or better on both side
3	Sensitivity	Na: 2 ppm; K: 1 ppm
4	Linearity	3% or lower
5	Reproducibility	Less than 2% Coefficient of variation
6	Calibration	Minimum 5 point calibration facility should be present in the instrument. Relevant set of chemicals for calibration standards of Na (min. 100 ml of 100 ppm) and K (min 100 ml of 100 ppm) should be provided by bidder
7	Detector	Silicon photodiode or equivalent or better detection system.
8	Auto flame ON/OFF detection	Facility should be present in the system
9	Ignition system	Automatic ignition
10	Flame system	LPG/PNG & Dry oil free Air
11	Gas control	Provision for gas control should be available
12	Filter selection	Provision for filter selection should be available
13	Atomiser	Axial flow type
14	Display	Alphanumeric LCD display or original LED display
15	Power Supply	Standard Indian- single phase
16	Air supply unit	The instrument should be supplied with air compressor unit to supply required gases
17	Data storage and printing	System shall be able to store data at least 500 analysis. RS 232 port for data transfer. All cables/software for data transfer to be offered along with a suitable printer
18	Accessories to be provided	Following accessories should be provided with the instrument. Two filters (Na and K), calibration standards (as indicated at Sr. No 6), Atomizer Tube, Gas Lighter, Sample Breaker (Min 6 no), USB interface cable,

		<p>LBG tube, Air line PU Tube, Power cord etc.</p> <p>All the other accessories required for smooth installation, demonstration and operation of the equipment for above application should be provided.</p>
19	Other	At the time of installation, the performance of the equipment should be demonstrated as per the provided specifications or OEM catalogue, whichever is better
20	Training	Training to end user to be provided
21	Demonstration & Method Set up	Bidder has to standardize and optimize the for analysis of Sodium and Potassium at the installation site.

## Schedule of Requirements

### District wise quantity details of Sodium Potassium Analyser

Sr No	Name of Milk Union	Unit
1	Dadasaheb Rawal Sindhkhedra Taluka Dudh Utpadak Krushipurk Udyod Sahkari Sangh Ltd, Dondaicha, Dhule	1
2	Nagpur Zilha Nutan Dudh Utpadak Sahkari Sangh ltd, Nagpur	1
3	Chintamani Dudh Utpadak and Purvatha Sangh Maryadit, Gevrai, Beed	1
4	Akola Zilha Dudh Utpadak Sahkari Sansthancah Sangh, Ltd, Akola	1

**NAME & SIGNATURE OF AUTHORISED  
SIGNATORY OF THE TENDERER**

SEAL  
DATE:  
PLACE: