DDDKER/2251/2024-SDL 1/186414/2024

#### No. DDDKER/2251/2024-SDL

Sealed quotations are invited for supply of the materials tenderers or below/over leaf. The rates quoted their should be for delivery of the canvassing will articles at the places mentioned tenderers. below the schedule. The necessary remain firm for acceptance and the be made. name and address of officer to the due date is liable to be supplies delivery of the them. for required articles should also be mentioned. conditions:-

- constitutes a concluded contract. rules Nevertheless, the month after the acceptance of his contract. quotation furnish 5 per cent of the required.
- 2. Withdrawal from the order and purchases being made at accepted in

### **Quotation No. 08/2024-25**

- 5. Any attempt on the part of their specified in the scheduled attached influence the officers concerned in favour personal by disqualify
- 6. If any license or permit is superscription, the due date for the required, tenderers must specify it receipt of quotations the date up to in their quotation and also state the which the rates will have to authority to whom application is to
- 7. The quotation may be for the whom the quotation is to be sent entire or part supplies. But the are noted below. Any quotation tenderers should be prepared to received after the time fixed on carry out such portion of the included their rejected. The maximum period quotations as may be allotted to
- 8. The prices quoted should be The acceptance of the quotations inclusive of all taxes, duties, will be subject to the following cessess, etc. which are or may become payable by the contractor 1. Acceptance of the quotation under existing or future laws or of the country successful origin/supply or delivery during tenderer must within a fortnight/a the course of execution of the
- 9. The tenderers should quote amount of the contract as security also the percentage of rebate deposit and execute an agreement (discount) offered by them in case at his own cost for the satisfactory the payment is made promptly fulfillment of the contract, if so within fifteen days/within one month of taking delivery of stores.
- 10. Special conditions, if any, quotation after it is accepted or printed on the quotation sheets of failure to supply within a specified the tenderer or attached with the time or according to specifications tender will not be applicable to the will entail cancellation of the contract unless they are expressly writing

DDDKER/2251/2024-SDL 1/186414/2024

the officer's expense from elsewhere, any loss incurred thereby being payable by the defaulting party. In such an event the Government reserve also the right to remove the defaulter's name from the list of Government suppliers permanently or for a specified number of years.

- 3. Samples, duty listed should be forwarded wherever possible under separate cover and the unapproved samples got back as early as possible by the officers at their own expenses and the Government will in no case be liable for any expense on account of the value of the samples or their transport charges etc. In case, the samples are sent by railway, the railway receipt should be sent separately and not along with the quotation since the quotation will be opened only on the appointed day and demurrage will have to be paid if the railway parcels are not cleared in time. The approved samples may or may not be returned at the discretion of the undersigned. Samples sent by V.P.P. or freight to pay will not be accepted
- 4. No representation for enhancement of price once accepted will be considered during the currency of the contract.

from purchase.

Superscription: "Quotation No. 08/2024-25 for Calibration of Glasswares in the State Dairy Laboratory Pattom, Thiruvananthapuram.

Due date and time for receipt of quotations: 17/07/2024 2 pm

Date and time for opening of quotations: 17/07/2024 3 pm

Date upto which the rates are to remain firm for acceptance : **3months** 

Designation and address of officer to whom the quotation is to be addressed:

#### **DIRECTOR**

Dairy Development Department Pattom, Thiruvananthapuram

Place: Thiruvananthapuram

Date: 04-07-2024

**DIRECTOR** 

DDDKER/2251/2024-SDL 1/186414/2024

# **GLASSWARE CALIBRATION LIST ( CHEMISTRY)**

(2)	SL	GLASSWARE	SPECIFICATION	MAKE
2Wet & dry bulb thermometerZEAL3Measuring cylinder (2)500 mlBorosil4Measuring cylinder1000 mlBorosil5Measuring cylinder250 mlBorosil6Measuring cylinder100 mlBorosil7Thermo hygrometer (2)Any meters8Digital Thermometer (2)-50 to 300 degMulti/ ACETEGO9Micropipette (2)0.1 -l mlThermoscientification10Micropipette (2)0.05 - 0.1 mlEppendorf/sartorius11Micropipette0.5 - 5 mlEppendorf12Glass pipette (2).1 to 1 mlEM13Glass pipette (3)10 mlBorosil14Milk pipette (2)10.75 mlBorosil15Glass pipette(2)50 mlBorosil16Glass pipette(2)25 mlBorosil17Volumetric Flask (5)10 mlBorosil18Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)500 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	No			
thermometer    Measuring cylinder (2)   500 ml   Borosil	1	Glass thermometer (3)	-10 to 110°c	Zeal
3 Measuring cylinder (2)	2	Wet & dry bulb		ZEAL
4 Measuring cylinder 250 ml Borosil  5 Measuring cylinder 250 ml Borosil  6 Measuring cylinder 100 ml Borosil  7 Thermo hygrometer (2) Any meters  8 Digital Thermometer (2) O.1 –1 ml Thermoscientific Borosil  10 Micropipette (2) O.5 – 0.1 ml Eppendorf/sartorius  11 Micropipette 0.5 – 5 ml Eppendorf Sartorius  11 Micropipette (2) It to 1 ml Borosil  12 Glass pipette (3) It ml Borosil  13 Glass pipette (2) It ml Borosil  14 Milk pipette (2) It ml Borosil  15 Glass pipette (2) It ml Borosil  16 Glass pipette (2) It ml Borosil  17 Volumetric Flask (5) It ml Borosil  18 Volumetric Flask (10) Stomel Borosil  19 Volumetric Flask (2) Z50 ml Borosil  20 Volumetric Flask (2) S00 ml Borosil  21 Volumetric Flask (2) S00 ml Borosil  22 Volumetric Flask (2) It motorial Borosil  23 Thermocouple K type with 2 probe		thermometer		
5Measuring cylinder250 mlBorosil7Thermo hygrometer (2)Any meters8Digital Thermometer (2)-50 to 300 degMulti/ ACETEG9Micropipette (2)0.1 -l mlThermoscientification10Micropipette (2)0.05 - 0.1 mlEppendorf/sartorius11Micropipette0.5 - 5 mlEppendorf12Glass pipette (2).1 to 1 mlEM13Glass pipette (3)10 mlBorosil14Milk pipette (2)10.75 mlBorosil15Glass pipette(2)50 mlBorosil16Glass pipette(2)25 mlBorosil17Volumetric Flask (5)10 mlBorosil18Volumetric Flask (10)50 mlBorosil19Volumetric Flask (2)250 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)500 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	3	Measuring cylinder (2)	500 ml	Borosil
6 Measuring cylinder 100 ml Borosil 7 Thermo hygrometer (2) Any meters 8 Digital Thermometer (2) 0.1 –1 ml Thermoscientific Borosil 10 Micropipette (2) 0.05 - 0.1 ml Eppendorf/sartorius 11 Micropipette (2) 1. to 1 ml Eppendorf 12 Glass pipette (2) 1. to 1 ml Borosil 14 Milk pipette (2) 10.75 ml Borosil 15 Glass pipette (2) 50 ml Borosil 16 Glass pipette(2) 25 ml Borosil 17 Volumetric Flask (5) 10 ml Borosil 18 Volumetric Flask (5) 100 ml Borosil 19 Volumetric Flask (2) 250 ml Borosil 20 Volumetric Flask (2) 500 ml Borosil 21 Volumetric Flask (2) 500 ml Borosil 22 Volumetric Flask (2) 500 ml Borosil 23 Thermocouple K type vith 2 probe	4	Measuring cylinder	1000 ml	Borosil
7 Thermo hygrometer (2) 8 Digital Thermometer (2) 9 Micropipette (2) 10 Micropipette (2) 11 Micropipette (2) 12 Glass pipette (2) 13 Glass pipette (2) 14 Milk pipette (2) 15 Glass pipette (2) 16 Glass pipette (2) 17 Volumetric Flask (5) 18 Volumetric Flask (5) 19 Volumetric Flask (2) 10 Volumetric Flask (2) 1000 ml 10 Borosil 11 Borosil 12 Volumetric Flask (3) 13 Borosil 14 Volumetric Flask (5) 15 Borosil 16 Borosil 17 Volumetric Flask (5) 18 Volumetric Flask (5) 19 Volumetric Flask (5) 10 ml 19 Volumetric Flask (6) 10 Ml 19 Volumetric Flask (7) 10 Ml 10 Borosil 11 Borosil 12 Volumetric Flask (8) 13 Borosil 14 Borosil 15 Borosil 16 Borosil 17 Volumetric Flask (8) 18 Borosil 19 Volumetric Flask (9) 19 Volumetric Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Volumetric Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Flask (9) 1000 ml 10 Borosil 11 Borosil 12 Flask (9) 10	5	Measuring cylinder	250 ml	Borosil
8 Digital Thermometer (2) 9 Micropipette (2) 10 Micropipette (2) 11 Micropipette (2) 12 Glass pipette (2) 13 Glass pipette (3) 14 Milk pipette (2) 15 Glass pipette (2) 16 Glass pipette (2) 17 Volumetric Flask (5) 18 Volumetric Flask (5) 19 Volumetric Flask (2) 10 Multi/ACETEC  10 Multi/ACETEC  11 Multi/ACETEC  12 On 1 In In In Expendorf/  12 Glass pipette (2) 10 In In In Borosil  14 Milk pipette (2) 10 In In Borosil  15 Glass pipette(2) 16 Glass pipette(2) 17 Volumetric Flask (5) 10 In In Borosil 18 Volumetric Flask (10) 19 Volumetric Flask (2) 100 In Borosil 19 Volumetric Flask (2) 100 In Borosil 20 Volumetric Flask (2) 25 In Borosil 21 Volumetric Flask (2) 25 In Borosil 22 Volumetric Flask (2) 30 In Borosil 31 Flast (2) 31 Thermocouple K type In John In Borosil 32 Volumetric Flask (2) 33 Thermocouple K type In John In Borosil 34 Multi/ACETEC	6	Measuring cylinder	100 ml	Borosil
C2   Part   C2   C3   C4   C5   C5   C5   C5   C5   C5   C5	7	Thermo hygrometer (2)		Any meters
9 Micropipette (2) 10 Micropipette (2) 10 Micropipette (2) 11 Micropipette 12 Glass pipette (2) 13 Glass pipette (3) 14 Milk pipette (2) 15 Glass pipette (2) 16 Glass pipette (2) 17 Volumetric Flask (5) 18 Volumetric Flask (5) 19 Volumetric Flask (5) 10 ml 10 ml 11 Borosil 12 Borosil 13 Glass pipette (2) 10.75 ml 10 ml 11 Borosil 12 Borosil 13 Borosil 14 Wolumetric Flask (5) 10 ml 15 Borosil 16 Glass pipette (2) 17 Volumetric Flask (5) 18 Volumetric Flask (5) 19 Volumetric Flask (10) 19 Volumetric Flask (2) 100 ml 10 Borosil 11 Borosil 12 Volumetric Flask (2) 100 ml 11 Borosil 12 Volumetric Flask (2) 100 ml 12 Borosil 13 Borosil 14 Borosil 15 Borosil 16 Borosil 17 Volumetric Flask (2) 18 Borosil 19 Flask (2) 19 Volumetric Flask (3) 10 Borosil 10 Borosil 11 Borosil 12 Volumetric Flask (2) 1000 ml 10 Borosil 11 Borosil 12 Volumetric Flask (2) 1000 ml 11 Borosil 12 Borosil 12 Volumetric Flask (2) 1000 ml 12 Borosil 13 Borosil 14 Borosil 15 Glass pipette (2) 15 Dollar Borosil 16 Glass pipette (2) 17 Flask (3) 18 Borosil 19 Flask (4) 10 Dollar Borosil 19 Flask (5) 10 Dollar Borosil 10 Borosil 11 Borosil 12 Flask (2) 11 Flask (2) 12 Flask (3) 13 Borosil 14 Borosil 15 Glask pipette (2) 15 Dollar Borosil 16 Glask pipette (2) 17 Flask (3) 18 Flask (4) 18	8	Digital Thermometer	-50 to 300 deg	Multi/ ACETEQ
Borosil  10 Micropipette (2)  11 Micropipette  12 Glass pipette (2)  13 Glass pipette (3)  14 Milk pipette (2)  15 Glass pipette(2)  16 Glass pipette(2)  17 Volumetric Flask (5)  18 Volumetric Flask (5)  19 Volumetric Flask (5)  20 Volumetric Flask (2)  20 Volumetric Flask (2)  21 Volumetric Flask (2)  22 Volumetric Flask (2)  23 Thermocouple K type with a sartorius  Borosil  Eppendorf/ sartorius  Eppendorf  Eppend		(2)		
10 Micropipette (2)  11 Micropipette  12 Glass pipette (2)  13 Glass pipette (3)  14 Milk pipette (2)  15 Glass pipette (2)  16 Glass pipette(2)  17 Volumetric Flask (5)  18 Volumetric Flask (5)  19 Volumetric Flask (5)  20 Volumetric Flask (2)  21 Volumetric Flask (2)  22 Volumetric Flask (2)  23 Thermocouple K type with a problem of the problem of	9	Micropipette (2)	0.1 –1 ml	Thermoscientific/
sartorius11 Micropipette $0.5-5 \text{ ml}$ Eppendorf12 Glass pipette (2).1 to 1 mlEM13 Glass pipette (3)10 mlBorosil14 Milk pipette (2) $10.75 \text{ ml}$ Borosil15 Glass pipette(2) $50 \text{ ml}$ Borosil16 Glass pipette(2) $25 \text{ ml}$ Borosil17 Volumetric Flask (5) $10 \text{ ml}$ Borosil18 Volumetric Flask (10) $50 \text{ ml}$ Borosil19 Volumetric Flask (5) $100 \text{ ml}$ Borosil20 Volumetric Flask (2) $250 \text{ ml}$ Borosil21 Volumetric Flask (2) $500 \text{ ml}$ Borosil22 Volumetric Flask (2) $1000 \text{ ml}$ Borosil23 Thermocouple K type with 2 probe $-50 \text{ to } 1300 \text{ deg}$ Beetech				Borosil
11Micropipette $0.5-5 \text{ ml}$ Eppendorf12Glass pipette (2).1 to 1 mlEM13Glass pipette (3)10 mlBorosil14Milk pipette (2)10.75 mlBorosil15Glass pipette(2)50 mlBorosil16Glass pipette(2)25 mlBorosil17Volumetric Flask (5)10 mlBorosil18Volumetric Flask (10)50 mlBorosil19Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	10	Micropipette (2)	0.05 - 0.1 ml	Eppendorf/
12 Glass pipette (2) 13 Glass pipette (3) 14 Milk pipette (2) 15 Glass pipette(2) 16 Glass pipette(2) 17 Volumetric Flask (5) 18 Volumetric Flask (10) 19 Volumetric Flask (5) 10 ml 10 ml 11 Borosil 120 Volumetric Flask (2) 125 ml 13 Borosil 14 Borosil 15 Glass pipette(2) 15 ml 16 Glass pipette(2) 10 ml 17 Borosil 18 Volumetric Flask (10) 19 Volumetric Flask (2) 100 ml 19 Volumetric Flask (2) 100 ml 10 Borosil 11 Borosil 12 Volumetric Flask (2) 1000 ml 11 Borosil 12 Volumetric Flask (2) 1000 ml 12 Borosil 13 Thermocouple K type 150 to 1300 deg 15 Beetech 16 With 2 probe				sartorius
13 Glass pipette (3) 10 ml Borosil 14 Milk pipette (2) 10.75 ml Borosil 15 Glass pipette(2) 50 ml Borosil 16 Glass pipette(2) 25 ml Borosil 17 Volumetric Flask (5) 10 ml Borosil 18 Volumetric Flask (10) 50 ml Borosil 19 Volumetric Flask (5) 100 ml Borosil 20 Volumetric Flask (2) 250 ml Borosil 21 Volumetric Flask (2) 500 ml Borosil 22 Volumetric Flask (2) 500 ml Borosil 23 Thermocouple K type -50 to 1300 deg with 2 probe	11	Micropipette	0.5 - 5  ml	Eppendorf
14Milk pipette (2)10.75 mlBorosil15Glass pipette(2)50 mlBorosil16Glass pipette(2)25 mlBorosil17Volumetric Flask (5)10 mlBorosil18Volumetric Flask (10)50 mlBorosil19Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech		<b>1</b> 1	.1 to 1 ml	EM
15 Glass pipette(2)  16 Glass pipette(2)  25 ml  Borosil  17 Volumetric Flask (5)  10 ml  Borosil  18 Volumetric Flask (10)  50 ml  Borosil  19 Volumetric Flask (5)  100 ml  Borosil  20 Volumetric Flask (2)  250 ml  Borosil  21 Volumetric Flask (2)  500 ml  Borosil  22 Volumetric Flask (2)  Thermocouple K type  with 2 probe  Som to 1300 deg  Beetech	13	Glass pipette (3)	10 ml	Borosil
16 Glass pipette(2)  25 ml Borosil  17 Volumetric Flask (5)  10 ml Borosil  18 Volumetric Flask (10)  50 ml Borosil  19 Volumetric Flask (5)  100 ml Borosil  20 Volumetric Flask (2)  250 ml Borosil  21 Volumetric Flask (2)  500 ml Borosil  22 Volumetric Flask (2)  1000 ml Borosil  23 Thermocouple K type -50 to 1300 deg  with 2 probe	14	Milk pipette (2)	10.75 ml	Borosil
17Volumetric Flask (5)10 mlBorosil18Volumetric Flask (10)50 mlBorosil19Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	15	Glass pipette(2)	50 ml	Borosil
18Volumetric Flask (10)50 mlBorosil19Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	16	Glass pipette(2)	25 ml	Borosil
19Volumetric Flask (5)100 mlBorosil20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	17	Volumetric Flask (5)	10 ml	Borosil
20Volumetric Flask (2)250 mlBorosil21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	18	Volumetric Flask (10)	50 ml	Borosil
21Volumetric Flask (2)500 mlBorosil22Volumetric Flask (2)1000 mlBorosil23Thermocouple K type with 2 probe-50 to 1300 degBeetech	19	Volumetric Flask (5)	100 ml	Borosil
22 Volumetric Flask (2) 1000 ml Borosil 23 Thermocouple K type -50 to 1300 deg Beetech with 2 probe	20	Volumetric Flask (2)	250 ml	Borosil
23 Thermocouple K type -50 to 1300 deg Beetech with 2 probe	21	Volumetric Flask (2)	500 ml	Borosil
with 2 probe	22	Volumetric Flask (2)	1000 ml	Borosil
<u> </u>	23	Thermocouple K type	-50 to 1300 deg	Beetech
24 Burette (2) 50 ml Borosil		with 2 probe	-	
	24	Burette (2)	50 ml	Borosil
25 Butyrometer (4) 0-10 % Benny	25	Butyrometer (4)	0-10 %	Benny

DDDKER/2251/2024-SDL I/186414/2024

## **GLASSWARE CALIBRATION LIST ( MICROBIOLOGY)**

SL	GLASSWARE	SPECIFICATION	MAKE
No			
1	Glass thermometer (3)	-10 to 110°c	SH
2	Wet & dry bulb		ZEAL
	thermometer		
3	Measuring cylinder	500 ml	Borosil
4	Measuring cylinder	250 ml	Borosil
5	Measuring cylinder	100 ml	Borosil
6	Measuring cylinder	25 ml	Borosil
7	Thermo hygrometer (2)		Any meters
8	Digital Thermometer		Multi
	(2)		
9	Micropipette	0.1 - 1  ml	Eppendorf
10	Micropipette	0.1 -1 ml	Thermoscientific
11	Micropipette	0.1 - 1 ml	Thermoscientific
12	Micropipette	1 - 10 ml	Eppendorf
13	Micropipette	1 - 10 ml	Thermoscientific
1.4	<b>N.</b> 6	0.5.5.1	F 1 C
_	Micropipette	0.5- 5 ml	Eppendorf
<b>_</b>	Glass pipette	0.1 - 1  ml	EM
16	Glass pipette	10 ml	Borosil

### **OTHER CONDITIONS**

- 1.All the parameters should be given NABL certificates. The rate quoted should be inclusive of all taxes and expenses.
  - 2. The payment will be made only after satisfactory calibration and supply of calibration certificates
- 3. The firm shall have GST Registration.
  - 4. Terms and Conditions shall be specified.
  - 5. If the firm is any authorised dealer, details have to be enclosed.

DDDKER/2251/2024-SDL I/186414/2024

# copy to,

- 1. Joint Director, SDL
- 2. Assistant Director, SDL
- 3. Notice Board
- 4. DFI IT Cell For publishing in Website
- 5. stock file