

फोन/Phone:044-26214823  
फैक्स/Fax:044-26207566

E-mail: [csmcari@ccras.nic.in](mailto:csmcari@ccras.nic.in)  
[csmdria@gmail.com](mailto:csmdria@gmail.com)



कैप्टन श्रीनिवासमूर्ति केन्द्रीय आयुर्वेदअनुसंधान संस्थान  
CAPTAIN SRINIVASAMURTHY CENTRAL AYURVEDA RESEARCH INSTITUTE  
केन्द्रीय आयुर्वेदीय विज्ञान अनुसंधान परिषद  
CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES  
आयुष मंत्रालय, भारत सरकार  
MINISTRY OF AYUSH, GOVERNMENT OF INDIA  
ए. सरकारी अस्पताल परिसर, अरुम्बाकम, चेन्नै-600 106  
A.A GOVERNMENT HOSPITAL CAMPUS, ARUMBAKKAM, CHENNAI: 600 106

फा.सं/ F.No. 4-9-1/CSMCARI/Calibration/ 25-26/Admn/249 दिनांक / Date 17.06.2026

**“QUOTATION NOTICE”**

**Work of Calibration & Certification and various equipment's.**

**Notice No. Calibration/01/26-27 Dated : 15/06/2026 Due on -06/07/2026**

Sealed quotations are invited from ISO/IEC 17025:2017 accredited service providers (in/around Chennai) for **Calibration & Certification** of measuring instruments/equipment (Serial. 1-60 of Annexure “A”) at CSMCARI, Arumbakkam, Chennai. Some items may require offsite calibration as feasible.

**Scope:** Calibration & certification with traceability certificates as per ISO/IEC 17025:2017.

**Completion:** Within 15 days of award; rates valid for 1 year.

**Eligibility:** Accredited ISO/IEC 17025:2017 (Chemical/Biological) labs only. Copy of certificate & Annexure “B” undertaking must be enclosed.

**Submission:** In sealed cover superscribed “Calibration/01/26-27 Dated: 15/06/2026” to The Assistant Director & In-Charge, CSMCARI, Arumbakkam, Chennai – 600106, to reach by 06/07/2026 at 17:00 hrs.

**Opening:** On 07/07/2026 at 10:30 hrs.

**Rates:** Consolidated, inclusive of all charges. No changes post-finalization.

**Payment:** 100% within 30 days of satisfactory completion & departmental confirmation. Transport/delivery to be arranged by party. No extra charges.

**Right to Accept/Reject:** CSMCARI reserves the right to reject any/all quotations or negotiate terms without assigning reason.

**Penalty:** Delay beyond deadline will attract penalty. Damages to equipment to be replaced free of cost.

*SCH*  
*17/06/26*  
(डॉ. एस. चित्रा /Dr. S.Chitra)  
प्रभारी सहायक निदेशक  
Assistant Director-in-charge

**Calibration of Equipment/Instrument**

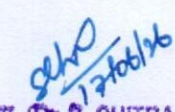
The details of the instruments are as indicated below.

<b>Sr. No.</b>	<b>Name of Equipment/Instrument</b>	<b>Range &amp; Accuracy/ Resolution</b>	<b>No. of Equipment/Instrument</b>
1.	Cooling Micro Centrifuge	Speed: Max. 17500 rpm Temperature: -11 to 40°C Resolution: 1°C	1 No
2.	Data Logger (Refrigerator & Deep Freezer)	Range -50 to 400°C for Channel 1 to 4 /±0.5% F.S. D	1 No
3.	Micro Pipette (1-10 µl)	Range: 1-10 µl	1 No
4.	Micro Pipette (2-20 µl)	Range: 2-20 µl	1 No
5.	Micro Pipette (20-200 µl)	Range: 20-200 µl	2 Nos
6.	Micro Pipette (100-1000 µl)	Range: 100-1000 µl	5 Nos
7.	Micropipette (1-5 ml)	Range: 1-5ml	1 No
8.	Micropipette (1-10 ml)	Range 1-10 ml	1 No
9.	Electronic Weighing Balance	Range: 1 mg to 200 g	1 No
10.	Analytical Balance	0 - 220 g ± 0.1 mg	1 No
11.	Analytical weighing balance	Range: 0.1mg-220 g	1 No
12.	Weights	Range: 10 mg to 200 gm	2 Nos
13.	Digital Thermo Hygrometer	Range Temp: 10 <sup>0</sup> C to 70 <sup>0</sup> C Humidity:20-99%RH Resolution Temp: ± 0.1°C Humidity ±1% RH	7 Nos
14.	Glass Thermometer (-10°C to 110°C)	Range: -10°C to 110°C Resolution: 1°C	1 No
15.	Glass Thermometer (-10°C to 360°C)	Range -10°C to 360°C	1 No
16.	Autoclave (Temperature, Pressure inc& Timer)	0 to 125 °C, 0 to 30 psi & 1 psi	2 Nos

17.	Vertical Laminar Airflow Unit (HEPA leak test %, Airflow test, Particle Count test)	(<0.03%, 90 ± 20 fpm, 0.5 µ/M <sup>3</sup> < 3520)	1 No
18.	Biosafety Cabinet Class II B2 (HEPA leak test %, Airflow test, Particle Count test)	(<0.03%, 90 ± 20 fpm, 0.5 µ/M <sup>3</sup> < 3520)	1 No
19.	Incubator	Amb to 50 °C	1 No
20.	BOD Incubator	15 to 40 °C	1 No
21.	Bacteriological Incubator (Ecogain Series) 43L	Amb - 60 °C	1 No
22.	Hot Air Oven	Amb to 200 °C & 1 °C	1 No
23.	Hot Air Oven	Range Ambient + 5 <sup>0</sup> C to 250° C	1 No
24.	Cyclo Mixer	2500 rpm	1 No
25.	Water Bath	Amb to 110 °C/ 5 °C	1 No
26.	Refrigerator	2 to 8 °C	1 No
27.	Deep Freezer (-40 °C)	-40 °C to -20 °C & 1 °C	1 No
28.	pH Meter	1.000 to 14.000 pH	1 No
29.	Stage Micrometer	Range: 0-1mm (0.01 mm)	1 No
30.	Metal Rule	Range: 0-300mm (0.5mm/1mm)	1 No
31.	Brass 85 Mesh Seive	Range: 0.18mm	1 No
32.	Muffle Furnace	Range Amb-900 °C	1 No
33.	Muffle Furnace	Range Amb-1100 °C	1 No
34.	Abbe's Refractometer	Range 1.30 to 1.71	1 No
35.	Disintegration Tester (Temperature, Displacement and Timer)	Range Temp: 20 °C ~39.9 °C Cycle/stroke: 29.5 ~30.5 strokes/min Stoke height: 55 mm ± 2 mm Timer: 1 sec - 99 min59 sec Accuracy Temp: ±0.5 °C	1 No
36.	Conductivity meter	Range 0-20 & 200 µ S/cm Accuracy ± 1 % full scale	1 No

37.	Digital Flame Photometer	Range Sodium: 1 -100 ppm Potassium: 1 -100 ppm Accuracy $\pm 2\%$	1 No
38.	Test sieve	1. 64-1.76 mm Accuracy: $\pm 0.06$ mm	1 No
39.	Test sieve	342 $\mu\text{m}$ - 368 $\mu\text{m}$ Accuracy: $\pm 0.013$ mm	1 No
40.	Test sieve	685 $\mu\text{m}$ - 735 $\mu\text{m}$ 0.710 mm Accuracy: $\pm 0.025$ mm	1 No
41.	Test sieve	237 $\mu\text{m}$ - 263 $\mu\text{m}$ 0.250 mm Accuracy: $\pm 0.0099$ mm	1 No
42.	Test sieve	169 $\mu\text{m}$ - 191 $\mu\text{m}$ 0.180 mm Accuracy: $\pm 0.0076$ mm	1 No
43.	Test sieve	116.9 $\mu\text{m}$ - 133.1 $\mu\text{m}$ 0.125 mm Accuracy: $\pm 0.0056$ mm	1 No
44.	Weighing bottle- 5ml	Capacity: 5 ml Accuracy: $\pm 0.3$ ml	1 No
45.	Specific gravity bottle 25ml	Capacity 25 ml	1 No
46.	Burette 50ml	Range 0-50 ml Accuracy $\pm 0.10$ ml	1 No
47.	Standard flask 10ml	Capacity 10 ml Accuracy $\pm 0.05$ ml	1 No
48.	Standard flask 50 ml	Capacity 50 ml Accuracy $\pm 0.12$ ml	1 No
49.	Standard flask 100 ml	Capacity 100 ml Accuracy $\pm 0.2$ ml	1 No
50.	Standard flask 250 ml	Capacity 250 ml Accuracy $\pm 0.3$ ml	1 Nos
51.	Standard flask 500 ml	Capacity 500 ml Accuracy $\pm 0.5$ ml	1 Nos

52.	Standard flask 1000 ml	Capacity 1000 ml Accuracy $\pm 0.8$ ml	1 Nos
53.	Graduated pipette 1ml	Range 0-1ml Resolution 0.01ml	1 Nos
54.	Graduated pipette 2ml	Range 0-2ml Resolution 0.02 ml	1 Nos
55.	Graduated pipette 5ml	Range 0-5ml Resolution 0.05 ml	1 Nos
56.	Graduated pipette 10 ml	Range 0-10ml Resolution 0.1 ml	1 Nos
57.	Bulb pipette 25ml	Capacity 25ml Accuracy $\pm 0.06$ ml	1 Nos
58.	Environmental chamber/Stability Chamber	Temperature & RH	1 Nos
59.	Digital stop watch	Timer	1 Nos
60.	Data logger (04 Channel)	RTD °C, DC Voltage & DC Current	1 Nos

  
**डॉ. एस. चित्रा / Dr. S. CHITRA**

प्रभारी सहायक निदेशक / Assistant Director-in-Charge  
 कैप्टन श्रीनिवास मूर्ति केंद्रीय आयुर्वेद अनुसंधान संस्थान  
 Captain Srinivasa Murthy Central Ayurveda Research Institute  
 गिआस्पएस, आयुष मंत्रालय, भारत सरकार / CCRAS, Min of Ayush, Govt of India  
 अरिगर अन्ना मल्लिकार्जुन रेडिगर / Aringar Anna Govt. Hospital Campus  
 अरुंबेक्कम, चेन्नई - 600 106 / Arumbekem, Chennai-600 106

ANNEXURE "B"

Calbration/01/26-27

Dated : 15/06/2026

UNDERTAKING

We hereby undertake that the scope of work is covered for the equipment as listed in ANNEXURE "A" for calibration & Certification of measuring instruments and various equipment to provide with Traceability and Certificate at the time of Invoices/Bills.

Dated:

Authorised Signatory:

Name :-

Designation:-

Seal :-