सीएसआईआर- भारतीय रासायनिक प्रौद्योगिकी संस्थान
CSIR-Indian Institute of Chemical Technology
आई. एस. ओ. 9001 संगठन (विश्लेषणात्मक परिसेवा हेतु) /ISO 9001 Organization (for Analytical Services)
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद) / (Council of Scientific and Industrial Research)
तारनाका, उप्पल रोड़, हैदराबाद. तेलंगाना राज्य, भारत. 500 007.
Tarnaka, Uppal Road, Hyderabad. Telangana State, India. 500 007

PURCHASE ORDER

No: PUR/IICT/DLN/1267/23-24/1595 **Date: 06-11-2024**

To
M/S.Agaram Industries
#73, Nelson Road Aminijikari
Chennai-600029
Ph:+91-44-2374-1413
Email:sales@agaramindia.com

Sub: - "Supply Installation and Commissioning of Rudolph Research Analytical Digital Density Meter - reg.

Ref: - 1. Our Tender Enquiry No. PUR/IICT/DLN/1267/RE/23-24 and CPPP tender enquiry No.2024_CSIR_202939_1 dt.29.07.2024.

2. Your bid reference No.PUR/IICT/DLN/1267/RE/23-24 DT.28.8.2024

Dear Sirs,

Kindly supply the following item(s) strictly as per the terms and conditions.

Sl. No	DESCRIPTION OF MATERIAL	Quantity	Price in (₹)	Total Amount in (₹)
1.	**Supply Installation and Commissioning of Rudolph Research Analytical Digital Density Meter Model DDM2910 Make:Rudolph** ***(Detailed Specifications and other items and accessories as per Annexure enclosed)***	**1 No**	9,25,000.00	9,25,000.00
			Add GST @18%	**1,66,500.00**
			FOR CSIR-IICT, Hyderabad	**10,91,500.00**

TERMS & CONDITIONS:

1. **Prices:** FOR CSIR-IICT Inclusive of all taxes, duties etc., Hyderabad.

Unloading the consignment at our site is your cost.

2. **Order Acknowledgement:** Kindly send order acknowledgement within 15 days through Email: cosp@iict.res.in and csiriicthyd@csiriict.in mention PO No. in the subject line. If you notice any discrepancy/typographical error etc. in this order, you must immediately request for its amendment/correction. You are also required to sign a contract agreement in pursuance of this Purchase Order in the prescribed format on a Non-Judicial Stamp paper of Rs 200/-

3. **Taxes and Levies: All** Inclusive to be borne by supplier.

4. **Delivery Period :** The ordered material should be supplied within the delivery period of 4 Weeks from the date of receipt of the Purchase Order.

5. **PAYMENT TERMS**: **100%**, payment will be done through our Bankers State Bank of India, IICT Branch, Hyderabad, Uppal Road, Hyderabad – 500 007, Telangana, India after successful Installation and commission and acceptance of End User.

6. **Warranty:** Warranty should be furnished for **36 months** from the date of successful installation and commissioning of the equipment and subject to final acceptance by the CSIR-IICT user.

7. **INSTALLATION, COMMISSIONING AND DEMONSTRATION**: A qualified and factory-trained service engineer should commission the supplied equipment free of cost within *one* month from the date of receipt of the ordered goods and training to be provided for 2 persons 3 working days at our premises i.e., I.I.C.T., Telangana, India.

9. **LD clause:** Timely supply is the essence of stipulation in the delivery period of our purchase order, for our requirements have got a direct bearing with time targeted research work. By any measure, if there is any delay in delivery of the ordered material(s), a sum equivalent to 0.5 (point five) per cent of contract value for each week of delay or part thereof until actual delivery will be deducted from the contract value as liquidated damages, subject to the maximum deduction of 10 (ten) per cent. We are also at liberty to consider the termination of the contract of the items is not delivered within the delivery period.

10. **The terms and conditions and tender specifications and clarification there off as contained in the tender document shall form part of this purchase order**.

11. CSIR-IICT-GST No: 36AAATC2716R2ZF
PAN No. AAATC2716R TAN No. HYDI00674C

12. Availability of spares and service engineer support shall be conformed for a period of 7 years as part of after sales and service support on applicable charges after warranty period.

Yours faithfully,
For & on behalf of CSIR,

6.12.14

(Dharmendra Kumar)
Controller of Stores & Purchase

Note: Kindly, mention our purchase order reference number for all your official correspondence so as to enable us to avoid any delay while tracking/clearing the material(s).

Budget Head: P-50 for Rs.10,91,500/- (Rupees Ten lakhs Ninety One Thousand Five Hundred only)
1. **Indentor's copy: Dr.K.Saravanan (DOLST)** 2. Accounts copy; 3. Office copy; 4. Guard File copy 5. Spare copy;

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Tarnaka, Uppal Road, Hyderabad. Telangana State, India. 500 007

Annexure

NO.PUR/IICT/DLN/1267/RE/24-25/EQPT/1595 **DT.06.11.2024**

Rudolph Digital Density Meter DDM 2910

Rudolph Digital Density Meter - DDM 2910

Accreditation to : ISO/IEC 17025:2005, NVLAP Lab Code : 200898-0

Instrument : Automatic Density Meter

Model : DDM2910

Make : Rudolph Research Analytical USA

Principle: Mechanical U tube oscillation with viscosity correction & reference oscillator -Measurement at all temp with single calibration -Certificate of Analysis (COA) with company Logo Printed, inbuilt windows OS -set calendar reminder as to when calibration verification are due. USB & LAN Printing, Data Can be saved to Network/Server, mouse & Keyboard can be directly connected to Density Meter USB Port. -10X entire U tube magnification video view for bubble detection. It can be viewed or saved with sample results or printed - flagging of bubbles in U tube with suspected bubbles automatically. - Three point calibration air , water & third standard traceable liquid above 1 gm /cm3 density.

Density Range: 0 to 3gm/cm3

Accuracy : 0.0001 g/cm3

Repeatability: 0.00001g/cm3

Resolution : 0.0001gcm3

Temp control Range (Peltier): 0 to 100°C

Pressure : 0 to 10 bar

Measurement mode: continuous, single, multiple

Minimum sample : 1 ml wetted

material: Borosilicate glass, Teflon PTFE ECTFE

Operating system: windows embedded OS

Measurement time: 30 to 40 sec after thermal equilibrium

Internal Memory : 32GB Non removable compact

Flash Display: 10.4 " diagonal TFT type LCD, antiglare, touch screen, 300 nits brightness 800X600 Pixels, chemical, scratch & spill resistance monitor which is tiltable.

Ports : 5-USB,2-RS232,Ethernet port ,keyboard, mouse can be connected Operating dimension : LXWXH 46.61cmX29.97cmX35.30CM

Weight : 18kgs IQOQPQ Doc,

User manual, Installation & commissioning Free -NIST traceable density calibration fluid -suitable printer shall be supplied

6.XI.14

COSP