



PURCHASE ORDER

No: PUR/IICT/1004/24-25/EQPT/1942

Date: 14-11-2024

To

M/s. Smart Labtech Pvt Ltd
Plot #758, Phase-2, SVCo-op Industrial Estate
Balanagar Hyderabad-500037
Ph:040-23774310/9666644312
Email:info@smartlabtech.net

Sub;- "Supply Installation and Commissioning of Scion 8500 Advanced Gas Chromatography- reg.

Ref: - 1. Our Tender Enquiry No. PUR/IICT/1004/24-25/EQPT DT.12.09.2024 and CPPP tender enquiry No.2024_CSIR_28158_1 Dt.12.09.2024.

2. Your bid reference No: SQTN 2060 dt.11.10.2024

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 Scion 8500 Advanced GC System PART NO. 850000022 (Detailed Specifications and other items and accessories as per Annexure enclosed)	1 No	36,25,000.00	36,25,000.00
Add GST @18%				6,52,500.00
FOR CSIR-IICT, Hyderabad				42,77,500.00

TERMS & CONDITIONS:

- Prices:** FOR CSIR-IICT Inclusive of all taxes, duties etc., Hyderabad. Unloading the consignment at our site is your cost.
- Order Acknowledgement:** Kindly send order acknowledgement within 15 days



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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 रोड, हैदराबाद. तेलंगाना राज्य, भारत. 500 007.
Tarnaka, Uppal Road, Hyderabad. Telangana State, India. 500 007



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. Further along with duly signed and stamped copy of this P.O. as token of acceptance of terms and conditions of this P.O. 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/-**(contract form attached)**

3. **Taxes and Levies: Price includes GST@18% also**
4. **Delivery Period** : The ordered material should be supplied within the delivery period of 10-12 weeks from the date of receipt of the Purchase Order.
5. **PAYMENT TERMS: PAYMENT TERMS:**I) 80% through RTGS /NEFT or online mode against supply in complete quantity of ordered items in good condition as per ordered specifications and terms, subject to its joint inspection in the presence of suppliers service engineers/ representative and its confirmations and acceptance by CSIR ICT user.
II) Balance 20% through RTGS /NEFT or online mode after successful completion of installation and commission and final acceptance of End User, our Bankers State Bank of India, IICT Branch, Hyderabad, successful Installation, subject to submission of prescribed PBG.
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 of the same by the CSIR-IICT user. If CSIR IICT wants to enter into CAMC/AMC in future after warranty period the amount for AMC charges shall not exceed CAMC/AMC Charges indicated in quotation (if any) and the same will not be paid in advance and the same shall be paid on bill basis only.
7. **Performance Bank Guarantee: 5% PBG valid till 60 days** beyond the date of final installation and commissioning to be submitted within 21 days from the date of the Purchase Order, failing which order may be cancelled at the discretion of CSIR IICT.
8. **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 onsite application training to be provided for 2 persons 3 working days at CSIR IICT., 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** of P.O. Value. CSIR IICT is also at liberty to consider the termination of the contract of the items is not delivered within the delivery period without assigning any reason thereof.

10. **CSIR-IICT-GST No: 36AAATC2716R2ZF**
PAN No. AAATC2716R **TAN No. HYDI00674C**
11. **Availability of spares and service engineer support shall be conformed for a period of 10 years as part of after sales and service support on applicable charges after warranty period.**
12. The dispute settlement mechanism/arbitration proceedings shall be Concluded as under:
 - a) If any dispute or difference arises between the parties hereto as to the construction, interpretation, effect and implication of any provision of this agreement including the rights or liabilities or any claim or demand of any party against other or in regard to any other matter under these presents but excluding any matters, decisions or determination of which is expressly provided for in this Agreement, such disputes or differences shall be referred to **Delhi International Arbitration Centre (DIAC), New Delhi**. A reference to the Arbitration under this Clause shall be deemed to be submission within the meaning of the Arbitration and Conciliation Act, 1996 and the rules framed thereunder for the time being in force. Each party shall bear and pay its own cost of the arbitration proceedings unless the Arbitrators otherwise decides in the Award.
 - b) In the case of a dispute between the purchaser and a Foreign Supplier, the dispute shall be settled by arbitration in accordance with provision of sub-clause (a) above. But if this is not acceptable to the supplier then the dispute shall be settled in accordance with provisions of UNCITRAL (United Nations Commission on International Trade Law) Arbitration Rules.

The venue of the arbitration shall be the place from where the purchase order or contract is issued. (for further information please refer to our Tender Document)

13. **Jurisdiction - All disputes related to this tender shall be subject to**



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



the local court of competent jurisdiction at **HYDERABAD, Telangana, India only.**

14.

The terms and conditions and tender specifications and clarification there off as contained in the tender document shall form part of this purchase order .However, Incase of any discrepancy between this P.O. and Tender terms this purchase order (P.O.) shall prevail.

Bill of entry to be submitted at the time of delivery of goods in case of foreign Origin.

Yours faithfully,
For & on behalf of CSIR,

(Dharmendra Kumar)
Controller of Stores & Purchase

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

Budget Head: PPP240004 for Rs.42,77,500/- (Rupees Forty Two lakhs Seventy Seven Thousand Five Hundred only)

1. Indentor's copy: **Dr.Sreepriya Vedantam (CEPT)** 2. Accounts copy; 3. Office copy; 4. Guard File copy 5. Spare copy;



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ANNEXURE

SI.No.	PART NO.	Description	Qty
1	850000022	<p>8500 Chromatograph, 230V with LUI, Ethernet board, and LED Status Indicator board</p> <p>The SCION 8500-GC is a highly flexible, 4 channel architecture, high performance GC suitable for the widest range and most demanding of application needs.</p> <p>SCION 8500- GC features:-</p> <ul style="list-style-type: none">• A Multi-tasking operational system• SCION 8500-GC comes with a user- friendly 10" TFT full color touch screen . Keypad and display support 16 selectable international languages.• Multiple method internal storage (up to 50 battery protected memory.• Column oven temperature programmable (up to 24 ramps/ 25 holds per method) from ambient +4°C to 450°C.• Optional column oven cryogen LCO2 (to LN2 (to• Very large column oven (28 x 20 x 28 cm) with convenient door removal for easy access.• Maximum temperature ramp rate: 150°C/min (optional 180°C/min.)• Rapid oven cool down: 400°C to 50°C in 4.5 minutes.• Central control of standard 5 heated zones (further 4 optional, total 9)• Complete electron flow control for injectors (including split flow) and detectors. Up to 3 injectors and 4 detectors (including MS) can be installed.• Range of available injectors include: Split/Splitless, Cold On-column ,Flash,Packed On-column and Programmable Temperature Vaporizing injector.• Other inlet systems may also be specified, Sample Pre-concentration Trap (SPT), Gas Sampling Valve (GSV) and Liquid Sampling Valve (LSV) for sample introduction.• Backflush and Quick-Switch Valve capability (optional)• Detector range includes Flame Ionization (FID), Thermal Conductivity (TCD), Nitrogen (NPD), Electron Capture (ECD), Pulsed Fame Photometric (PFPD), Pulsed Discharge Helium Ionization (PDHID) and Mass Spectrometer (MS).	1No.

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		<ul style="list-style-type: none">• Detector data sampling rate: 600Hz (except PFPD)• Built in control (standard) for 8400 and 8410 Auto samplers.• Software control of 84x0 and PAL Combi-xt auto samplers.• External events (digital output), 8. (8 optional, Total available 16)• Two Power outlets 24V (1A max. each)<ul style="list-style-type: none">• Standard Ethernet connection for GC control and signal data communication.• Run time diagnostics• Optional analog output (1V or 10V) with ready and start signals. <p>Includes: test column (SCION-1MS:15m x 0.25mm id, dF = 0.25µm fused silica, P/N SC32120), injector accessory kit (with each injector), and complete manual set on CD.</p>	
2	4561100102	S/SL, Type 21 INCLUDES: Programmable head pressure control (0.1 to 150 psi) or constant electronic flow control (0.1 100 mL/min), programmable split ratio control (1 to 10,000), adjustable septum purge, pressure pulse injection mode (0.1-150psi) and gassaver mode. For 100 to 1000 µm diameter fused silica columns, 1 to 250 m. length. Maximum temperature limit 450°C.	02
3	840000001	8400 Pro AutoSampler for 85x-GC/83x-GC Provides maximum throughput with a standard 100 sample carousel for 2ml vials; automatic access of two injectors with a single tower in dual and duplicate injection mode; headspace sampling or large volume injection with 100ul syringe; variable sampling de headspace and micro extracts; internal standards or matrix spikes can be automatically added to any injection; wash station for 3 solvents-Programmable in any combination; optional sample heating and cooling 10-40°C: a menu of programmed stand injection parameters minimize method development time. The sampler accepts syringe sizes from 1 up to 250µL. Includes: 100 vial (2mL) capacity carousel, 10ul Hamilton syringe, 100 x 2ml vials with caps and septa, wash station for 3 solvents, 4x solvent wash bottles and caps and septa, one waste vial	01
4	4562100102	FID with Electrometer, DEFC Type 11, 230V	01
5	4562500402	TCD with 2 Channel DEFC Type 14 (non Includes electrometer. Detector EFC is optimized for non-hydrogen(helium, Nitrogen, Argon, etc.) make-up gas.	01



6	392500291	436/456-GC INSTALLATIONKIT Kit Includes: 25 ft cleaned tubing, 1/4x1/8' pipe thread connector, 1/8" Swagelok fittings, injector nut wrench, column scoring wafer, &fuses. copper tubing and fittings for detector gases	01
7		Utility Kit	01
8	BR502002	CompassCDS Base License Software with Scion/Bruker/Varian GC Control Includes license for installation on 1 (One) standalone computer or server and allows for the connection of 1 (One) instrument. Includes instrument control drivers for Scion/Bruker Model 4xx and Varian 3800/3900/4xx GC's, National Instrument 9219 A/D, 9481 Relay, 9401 TTL I/O modules, Valco SSV, and CTC PAL2/Combi PAL (control drivers included). Supports analog and serial data acquisition via the 800/850 MIB (control driver NOT included with the software and must be ordered separately). Runs under Windows 7 and 10, and Windows Server 2008 R2, 2012 R2 and 2016. DVD includes PDF user manuals	01
9	VLA4C6UWEHCP	6 port 2 Hastelloy C 16" fittings x 0.75mm, 225°C max.	01
10	Column	WAXMS 30m x 0.32mm x 0.50um	03
11	Column	PLOT Q 25m x 0.32mm x 10um with 1 particle trap	03
12	Column	Carboxen 1000, 60/80 Mesh, 0.7m x 1/16", Inert Steel, Precond	03
13	PC	PC and Laser Printer	01
14		Sample Loop 250 ul for CW Valve	01
15		Sample Loop 50 ul for CW Valve	01
16		Sample Loop 1 ml for CW VALVE	01
17		Sample Loop 2 ml for CW Valve	01
18		Sample Loop 5 ml for CW Valve	01
19		Hydrogen Gas filled Cylinder 47 Ltr with dual stage SS Regulator	01
20		Zero Air GasfilledCylinder-47 LTR with dual stage SS Regulator	01
21		Helium Gas filled Cylinder-47 Ltr with dual stage SS Regulator	01
22		Nitrogen Gas filled Cylinder 47 Ltr with dual stage SS Regulator	01
23		Gas Purification panel 4 Channel	01



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24		1/8" Nuts & ferrules 50nos	01
25		10ul auto sampler syringe	10
26		SS Tubing 1/8" 100 mtr	01
27		Vial, 9-425 SCREW THREAD m2mL Clear Glass 12x32mm Flat Base with Label. 100pcs/pk	10
28		Cap, Screw, Blue9-425 OPEN Top Ribbed with 9mm Red PTFE/White Silicone Septa 1mm Thick. 100pcs/pk.	10
29		15% GRAPHITE/85% VESPEL FERRULE 1/16" WITH 0.5MM HOLE PK/10	01
30		LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL RECESSED GOOSENECK QUARTZ WOOL PK/5	01
31		VITON O SLEEVE,300C,pk/10	01
32		BTO septa 9mm, pk/50	02
33		Capillary Column Nut,PK/12	06
34		SS Tube cutter	02
35		Sample (Liquid)syringes for manual sampling 10ul	10
36		spanners, screw drivers, wrench	01
37		Manual Gas tight syringe 20 ml	10
38		Manual Gas tight syringe 50 ml	05
39		Manual Gas tight syringe 30 ml	05
40		Warranty 3 years	01
41		DMCS Silanized Treated Glass Wool, 50 grams	01
42		Column inlet & outlet nuts	02
43		UPS 10KVA with 30 minutes back up power	01
44		one bottles snoop leak detector	01

COSP