



CSIR-INDIAN INSTITUTE OF CHEMICAL BIOLOGY
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
4, Raja S. C. Mullick Road, Jadavpur, Kolkata – 700032 India
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PURCHASE ORDER

M/s Jeol Aisa Pte. Ltd. No. 2 Corporation Road, #01-12 Corporation Place, Singapore 618494	PO No.	IICB/PUR/599/574/T&PC/28
	Date	06.01.25
	Subject	Procurement of NMR (600MHz) Spectrometer Instrument
Through : <u>Indian Office/ Indian Agent:</u> M/s Jeol India Pvt. Ltd., Unit no. 305, 3 rd Floor, Elegance Tower, Jasola District Centre, New Delhi-110025.	Your Ref.	Jl/240923/T/203, dated 30.09.24, Letters dated 12.11.24, 18.11.24, 20.12.24

Sub: Award of contract for Supply and Installation of **NMR (600MHz) Spectrometer Instrument**

Ref :

1. IICB/PUR/599/574/T&PC/28 [published as a GTE on CPP portal of Government of India with Tender ID 2024_CSIR_204512_1
2. Bid / Quotation No. Jl/240923/T/203, dated 30.09.24 submitted on your behalf by your Indian agent and other correspondences exchanged your Indian agent including and their letters dated 12.11.24, 18.11.24, 20.12.24

Dear Sir/Madam,

I am directed to inform you that after evaluating the bid documents submitted by you as referred above, the Director, CSIR-Indian Institute of Chemical Biology is pleased to inform you that you have been selected as the successful bidder for the supply, installation and commissioning of **NMR (600MHz) Spectrometer Instrument**.

Accordingly, you are requested to arrange for Supply, Installation & Commissioning of the offered item/items as detailed below:

Sl. No.	Estimate Description	QTY	UNIT PRICE [USD]	TOTAL PRICE [USD]
1	NM-70070G6 600MHz SPECTROMETER (As Per Annexure-A attached) As per Quotation	1 complete set	745000	745000
2	NM-66230SW:ECZL Standard Software(As Per Annexure-A attached) As per Quotation	01	Included	Included
3	NM-04C20SCMWS SUPER CONDUCTING MAGNET 600/54 XCWS (As Per Annexure-A attached) As per Quotation	01	Included	Included
4	NM-71190AT: Auto Tuning Unit (As Per Annexure-A attached) As per Quotation	01	Included	Included
5	NM-83180HFSS 600 MHZ FG/ ROHFX DIGITAL AUTO TUNE PROBE (As Per Annexure-A attached) As per Quotation	01	Included	Included

आर रे / R RAY

भंडार एवं क्रय नियंत्रक

Controller of Stores & Purchase
सीएसआईआर-भारतीय रासायनिक जीवविज्ञान संस्थान
(विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार)
CSIR-Indian Institute of Chemical Biology
(Ministry of Science and Technology, Govt. of India)
4, Raja S. C. Mullick Road, Jadavpur, Kolkata - 700 032, India

6	NM-03530TH5 600MHz MM FG/ TH AUTO TUNE PROBE (As Per Annexure-A attached) As per Quotation	01	Included	Included
7	NM-57139PCWE: Workstation English (As Per Annexure-A attached) As per Quotation	01	Included	Included
8	NM-05770ASC64 AUTO SAMPLE CHANGER 64 (As Per Annexure-A attached) As per Quotation	01	Included	Included
9	NM-05740RH5S6 5MM SAMPLE HOLDER 6 SET (As Per Annexure-A attached) As per Quotation	13	Included	Included
10	Variable Temperature Accessory: Liquid Nitrogen-based NM-51740DW10 10L DEWAR NM-51770DHS10 10L DEWAR HEATER S (As Per Annexure-A attached) As per Quotation	01	Included	Included
11	Liquid Helium and Liquid Nitrogen Transfer Lines. (As Per Annexure-A attached) As per Quotation	01	Included	Included
12	Liquid Helium and Liquid Nitrogen Supply for completion of Installation (As Per Annexure-A attached) As per Quotation	01	Included	Included
13	5mm NMR tubes (As Per Annexure-A attached) As per Quotation	100	Included	Included
14	Warranty for Three years	01	Included	Included
15	Training (As Per Annexure-A attached) As per Quotation	01	Included	Included
Detailed specifications of the item and other accessories shall strictly conform to those specified in Purchaser's Tender Document No. IICB/PUR/599/574/T&PC/28 [published as a GTE on CPP portal of Government of India with tender ID 2024_CSIR_204512_1] and complied by Supplier in their quotation/offer No. JI/240923/T/203 dated 30.09.24 and subsequent correspondence.				
			Total FOB Japan	USD 745000
			Ocean Freight and Insurance	USD 5000
			CIF Kolkata Seaport Price	USD 750000

The Purchase Order shall be governed by the General Conditions of Contract (GCC) and with the relevant Special Conditions of Contract (SSC) as stipulated in CSIR-IICB Tender Documents. The technical

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specifications and other allied features of the ordered goods and services shall strictly conform to those specified in the CSIR-IICB Tender Document. In case, any pre-dispatch inspection has been prescribed in the tender document, the same shall be conducted in the manner laid down in the tender document or as mutually agreed between the Purchaser and Supplier

Attention of the Supplier is also invited to the following conditions:

1	Price basis	CIF Kolkata Seaport INCOTERMS 2020
2	Delivery period [including supply and installation of the ordered goods]	The entire obligations of supply, installation and commissioning of the ordered goods shall have to be completed within 10-12 months from the date of Letter of Credit.
3	Delivery site	CSIR-IICB Kolkata [Jadavpur campus]
4	Taxes & Duties	All import duties and taxes in INDIA shall be borne by Purchaser. All taxes and duties in the country of export shall be borne by supplier.
5	Freight and Insurance	The ordered goods shall be shipped by supplier on freight pre-paid and duly insured for 110% of CIF Kolkata seaport value covering all risks including SRCC
6	Custom clearance	The import consignment shall be cleared from Indian customs by the Purchaser through their own clearing agent. In order to ensure timely customs clearance, Supplier shall provide the following details at least 15 days prior to arrival of cargo flight at destination airport. <ol style="list-style-type: none"> 1. Bill of Lading 2. Insurance Certificate. 3. Complete set of dispatch documents. 4. Local agent of Supplier's nominated forwarder, from whom delivery of the cargo is to be requested.
7	Installation, Commissioning and Training	The ordered goods shall be installed and commissioned by Supplier's engineers within the delivery period stipulated in this Purchase Order. Once installation is completed, necessary training shall be imparted to Purchaser's Scientists/Technical Officers etc. for effective operation and maintenance of the equipment.
8	Warranty	The ordered goods including the local supply items shall be covered under on-site comprehensive warranty for a period of 36 months to be effective from the date of successful installation and commissioning of the goods. Other aspects of the warranty clause are detailed at GCC Clause 2.21 read with the relevant SCC.
9	Payment terms	An irrevocable letter of credit for USD 7,50,000 covering 100% CIF Kolkata Price shall be established in favour of the supplier. The payment shall be released in following manner. <ul style="list-style-type: none"> • On Shipment: 80 percent (Eighty percent) of the Contract Price of all the ordered Goods shipped shall be paid upon submission of documents specified in the LC • On Acceptance: 20 percent (twenty percent) of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of Goods and successful installation & commissioning of the imported item as well as indigenous items upon submission of claim supported by the acceptance certificate issued by the Purchaser along with the Performance security. <p>The L/C will be confirmed at the suppliers cost, if requested specifically by the supplier. All bank charges abroad shall be to the account of the beneficiary i.e. Supplier and all bank charges in India shall be to the account of the opener i.e. purchaser. If</p>

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		L/C is requested to be extended/ reinstated for reasons not attributable to the Purchaser, the charges thereof would be to the suppliers' account. Payment of local currency portion(if any) shall be made in Indian Rupees within thirty (30) days of presentation of claim supported by a certificate from the Purchaser declaring that the Goods have been delivered and that all other contracted Services have been performed. The LC for 100% value of the contract shall be established after deducting the agency commission payable if any, to the Indian agent from the FOB/FCA value.
10	Performance Bank Guarantee / Performance Security	Within 21 days of issue of this Purchase Order, Supplier shall furnish a Performance Security for 05 % of the order value / invoice value. Other aspects of the Performance Security clause are detailed at GCC Clause 2.13 read with the relevant SCC.

You are requested to send us the Order Acknowledgement immediately and in any case within 15 days of receipt of this Purchase Order. Further, the Performance Security may also be furnished in the manner detailed at GCC Clause 2.13 of the Tender Document. This Purchase Order constitutes a binding contract between you as the Supplier and CSIR-Indian Institute of Chemical Biology as the Purchaser.

Yours faithfully,

Ray
6/1/25

Controller of Stores & Purchase
For and on behalf of the Council of Scientific & Industrial Research

Copy to:

i. Dr. R. Natarajan, Indenting Officer

आर. रे / R. RAY
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Annexure A

Si. No	Part Number/product description	Q'ty	Price in USD
1	<p>NM-70070G6 600MHZ SPECTROMETER</p> <p>The JNM-ECZL600G FT NMR System is a versatile high-performance system that utilizes the latest digital and high-frequency technologies. The JNM-ECZL600G series FT NMR System features improved operability and small installation space, both of which are required for routine NMR systems.</p> <p>NM-70070G6: is a Two-channel spectrometer. Frequency resolution: 0.001Hz, Phase resolution: ≤ 0.005 Deg and Linear transmitters, Room-temperature shim: Lagrange shim system, 44 items controlled.</p> <p>Variable temperature range: -170 to +250 degrees C.</p> <p>High Band (1H /19F) amplifier (HF): 200 W,</p> <p>Low band (or Broad) band amplifier (LF): 500W</p> <p>Gradient Strength: 90G/Cm @ 30A</p>	1	USD 745,000
2	<p>NM-66230SW: ECZL Standard Software:</p> <p>We will provide you with the latest Windows-based new Delta Software for multi-dimensional NMR data collection and processing. This includes newly developed experiments and processing algorithms. This is embedded with our free software for quantitative analysis, No D NMR, automation measurements, projection reconstruction, J-Coupling tools, etc.</p>	1	Included
3	<p>NM-04C20SCMWS SUPER CONDUCTING MAGNET 600/54 XCWS (200 Days Liq He Hold Magnet)</p> <p>Specifications:</p> <p>Drift rate: ≤ 5Hz</p> <p>Shortest possible Radial stray, 5 Gauss line: Radial: 0.7m and Axial distance: 1.3m.</p> <p>Magnet dimension: Minimum Ceiling height required: 3.00m or higher.</p> <p>Magnet cryogen details:</p> <p>Liq He Re-fill Volume 85 Ltr for 200 Days.</p> <p>Liq N2 refill volume 82 Ltr for 18 Days.</p> <p>NM-04A70HOU5JC SPINNER HOUSING 50J (It's a part of the superconducting magnet)</p> <p>The spinner housing supplies air from an air source and performs the following two tasks when a probe for liquid-state NMR is used.</p> <p>a) Supports the Load/Eject operations for the sample.</p> <p>b) Supplies air for sample spinning to the probe and detects the sample spinning rate.</p> <p>For more details, please check the separate specification sheet.</p>	1	Included
4	<p>NM-71190AT: Auto Tuning Unit</p> <p>Auto tuning unit comes as a standard, which will be helpful in doing Automatic Tuning and Matching for the nuclei under study for liquid samples.</p>	1	Included

Ray
6/1/25

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Cell: 98765 43210
 20/10/24

Sl. No	Part Number/product description	Q'ty	Price in USD
5	NM-83180HFXSS 600MHZ FG/ROHFX DIGITAL AUTO TUNE PROBE S 5 mm Broad band high sensitive (Royal HFX Probe) probe Including Z gradient coil and compact automatic tuning and Matching set up has been quoted as standard. VT-facility (covering the range of -100 to 150 C). It is capable of detecting nuclei 1H, 19F, and a broad range from 31P to 15N.	1	Included
6	NM-03530TH5 600 MHz 5 MM FG/TH AUTO TUNE PROBE 5 mm Broad band probe Including Z gradient coil and compact automatic tuning and Matching setup has been quoted as standard. VT-facility (covering the range of -100 to 150 C). Which is capable of detecting the nuclei 1H, 19F, and broad range from 31P to 15N.	1	Included
7	NM-57139PCWE: Workstation English High-performance workstation (Windows operating system) for data acquisition and processing with 8GB RAM and 500GB hard disk capacity. The latest available processor, a 24" LED monitor will be provided.	1	Included
8	NM-05770ASC64 AUTO SAMPLE CHANGER 64 This sample changer can be installed in an FT NMR system and will automatically change the sample tube containing the sample for measurement according to the commands from the host computer. Sample loading height is from the user level.	1	Included
9	NM-05740RH5S6 5MM SAMPLE HOLDER 6 SET We will provide you with the spinners for the Autosampler (Each qty contains 6 spinners of 5mm size). These spinners can be used for both low & high-temperature analysis.	13	Included
10	Variable Temperature Accessory: Liquid Nitrogen-based NM-51740DW10 10L DEWAR NM-51770DHS10 10L DEWAR HEATER S VT control range: -100 °C to + 150 °C. Temperature setting steps 0.1 Deg C. Low-temperature unit includes suitable liquid nitrogen dewar. Low-temperature limit: - 100 Deg C. The low-temperature unit is complete in all respects. All functions are controlled by the host computer.	1	Included
11	Liquid Helium and Liquid Nitrogen Transfer Lines. We will provide you with the Liquid Helium and Liquid Nitrogen Transfer lines required for regular operations.	1	Included
12	Liquid Helium and Liquid Nitrogen Supply for Completion of Installation We will provide you with enough quantity of Liquid Helium and Liquid Nitrogen required for the completion of the installation.	1	Included
13	5mm NMR tubes We will provide 5mm NMR tubes with caps for regular solution state NMR analysis.	100	Included
14	Warranty for Three years On-site comprehensive warranty for One year including all parts and service labor. During the warranty period, should the system develop any fault, and parts required to set the instrument right, will be shipped free of charge by us on CIF/ CIP basis. However, JEOL shall not be responsible for any damage to the instruments(s) caused by faulty operation or rough use, power failures, fire, flood, earthquake, or any Force Majeure.	1	Included
15	Training Onsite training for 2 persons (Staff) for two weeks will be provided by our technical / application scientists, and an additional one week will be provided within one year from the date of installation.	1	Included

Total FOB Japan	USD 745,000
Ocean Freight and Insurance	USD 5,000
CIF Kolkata Sea Port - US Dollar	USD 750,000

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