



जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केन्द्र

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार की स्वायत्त - मान्यता प्राप्त विश्वविद्यालय)

JAWAHARLAL NEHRU CENTRE FOR ADVANCED SCIENTIFIC RESEARCH

(An Autonomous Institution under Department of Science & Technology, Govt. of India - A Deemed University)

जकूर पोस्ट, बेंगलूरु 560 064, कर्नाटका, भारत / Jakkur P.O., Bengaluru - 560 064. Karnataka, INDIA

November 12, 2021

JNC/PUR/NCU/PI2/394/2021-2022/46/WO

NOTICE INVITING TENDER

Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur invites sealed tenders in Two Bid System (Technical & Commercial) from qualified and experienced Vendors for **Supply, Installation & Commissioning of Gas Line Systems** as per the terms and conditions below and as broad specifications shown in ANNEXURE.

TERMS & CONDITIONS:

1. Delivery period should be Eight weeks from the date of Purchase Order.
2. Any item not specifically mentioned in the technical specification but essential for successful implementation of gas line system and associated accessories (in the opinion of the Bidder) must be brought to our notice and quoted accordingly.
3. At the time of installation, if it is found that some additional items are required to meet the operational requirement of the configuration, but not included in the Bidder's original list of deliverables, the Bidder shall supply such items to ensure completeness of the configuration at no extra cost.
4. The Bid validity should be 60 days.
5. The successful Bidder immediately after the award of the Purchase Order shall prepare a detailed plan of supply, installation of gas line system.
6. Performance Security: The successful bidder has to provide 3% Performance Security in the form of Bank Guarantee within 15 days after receiving Purchase Order.
7. Payment terms: 100% payment within 30 days from the date of supply, installation, testing and commissioning of the project and PBG for 10% of PO value valid for 60 days beyond the date of commissioning.
8. Late & delayed quotations will not be considered.
9. As time is the essence of the Contract, delivery period mentioned in the Purchase Order should be strictly adhered to. Otherwise the successful Bidder will forfeit Security Deposit. If the supplier fails to supply, install and commission the system as per specifications mentioned in the Purchase Order within the due date, the supplier is liable to pay liquidated damage of 0.5% of Purchase Order value per every week of delay subject to a maximum of 10% beyond the due date. Such money will be deducted from any amount due or which may become due to the supplier. JNCASR reserves the right to cancel the Purchase Order in case the delay is more than Ten weeks. Penalties, if any, will be deducted from the Security Deposit. The maximum amount of penalty shall be 10%. Liquidated Damages shall be levied on the Purchase Order value, freight, insurance and duties.
10. The place of Applicable Law / Jurisdiction is Bengaluru, Karnataka,

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11. Warranty: Three years from the date of supply/installation.
12. Decision of the President, JNCASR will be final.
13. Free delivery upto Stores, JNCASR.
14. **Goods & Service Tax:** Please note that JNCASR is eligible for GST Concession under 45/2017 notification and IGST under 47/2017 notification, will issue a certificate to this effect.
15. **Formats for Price-Bid:** Corresponding to each part in the Technical Bid there should be a pricing referring to the Part name in the Technical Bid and mentioning Quantity, Unit Price and Total Price. If there are any other charges, they should be also added at the end. All pages have to be serially numbered. References if any to Technical Bid should be provided along with the exact location (page number, etc). You are required to use the Price Bid format given by us only for Commercial Bid.
16. **Submission of Proposal:** The proposal should be submitted in a sealed Two Bid system. One containing sealed Technical Bid and the other one a sealed Commercial Bid. The Bidder name, the nature of the envelope (either Technical Bid or Commercial Bid) must be clearly mentioned on top of each of the envelope. The sealed proposals must be addressed to Senior Stores & Purchase Officer, JNCASR. The proposals should be submitted at the Stores & Purchase Department, JNCASR.
19. **Warranty replacement:** Any replacement of defective items during warranty period is the responsibility of the successful bidder. The expenditure involved like Freight Charges, Custom Duty, Insurance Charges, Clearance Charges etc. are to be borne by Vendor.
20. Site visit should be done before submitting the bid.
21. Preference will be given to MSME Vendors.
22. Preference will be given to item manufactured in India as per GOI " Make in India" initiative vide DO#P.4502/146/2019-PP(BE-II)/7682 dated 19.06.2019.

"In view of the prevailing Covid 19 Pandemic situation, Vendors are informed to attach a Certificate stating that the parcel has been sanitized thoroughly and free from contamination of any Virus and Microbes at the time of delivery/ dispatch".

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17. **Evaluation of bids:** Technical Bids will be evaluated by JNCASR. Commercial Bids of technically qualified Bidders only will be opened on date and time that will be decided by the JNCASR.
18. **Bid Security (BS)/ Bid Security Declaration:** The Bid Security declaration on your company letter head need to be submitted. Bidder shall furnish, as part of its bid, a Bid Security (BS) / Bid Security declaration form.

IMPORTANT DATES:

Last date for submission of bids (Two-bid system)	<u>November 22, 2021 up to 11.00 AM</u>
(a) Technical Bid Cover: Technical Specs. Commercial Terms and Conditions, Brochures, Compliance statement & Bill of Quantities without Price Information.	
(b) Commercial Bid cover : With complete specs & item wise rates to be indicated, Commercial terms and conditions.	
Opening of Technical Bids :	November 22, 2021 at 12.00 PM
Opening of Commercial Bids :	Will be informed later

Vendors are informed to download the Tender document from www.jncasr.ac.in free of charge.


(K. Bhaskara Rao)
Sr. Stores & Purchase Officer



FORMAT FOR BID SECURITY DECLARATION (on your letter head)

Date: [insert date (as day, month and year)]

Bid No.: [ADIVITB/

We, the undersigned, declare that: We understand that, according to your tender conditions, bids must be supported by a Bid-Securing Declaration. We accept that we will automatically be suspended from being eligible for bidding in any future tenders of JNCASR for the period of time of 3 years starting from December 2020. if we are in breach of our obligation(s) under the bid conditions, because we: (a) have withdrawn our Bid during the period of bid validity specified in **the Letter of Bid**; or (b) having been notified of the acceptance Of our Bid by JNCASR during the period of bid validity, (c) modify or change technical specifications of our hid (d) fail or refuse to execute the Contract, if required, or (d) fail or refuse to furnish the Performance Security, in accordance with tender condition.

We understand this Bid-Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days tiller the expiration of our Bid.

Signed: [insert signature of person whose name and capacity are shown) In the capacity of [insert legal capacity of person signing the Bid-Securing Declaration)

Name: [insert complete name of person signing the Bid-Securing Declaration) duly authorized to sign the bid for and on behalf of:

**[insert complete name of Bidder] Dated on _____ day of
[insert date of signing] Corporate Seal (where appropriate)**

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.)



ANNEXURE


Sl.No.	Item Description	Qty. (Nos./Mtrs.)	Model
Cylinder Station - Nitrogen - 3 Lines, Helium, Oxygen			
1	Semi Auto Change Over Panel for Nitrogen 1+ 1 Cylinders, (For CD INST) MOC=Brass Chromeplated, Specially Cleaned, Inlet Pressure =230Bar,Outlet Pressure = 0 to 10 Bar, Diaphragm=Hastelloy, With 2 Number of Inlet Diaphragm Shut-Off Valves , With 2 Number of Internal Purge Diaphragm Valves, With Safety Relief Valve, With Inlet & Outlet normal Pressure Gauges, With Inlet Port = 1/4" FNPT, Outlet Port = 1/4" FNPT.	1	CC-CB-284-10-0-P-M63-0-S
2	Single Cylinder Panel for Nitrogen(2 Panels), Helium& Oxygen, MOC=Brass Chromeplated, Specially Cleaned, Inlet Pressure =200Bar,Outlet Pressure = 0 to 10 Bar, Diaphragm=Hastelloy, With 1 Number of Inlet Diaphragm Shut-Off Valves , With 1 Number of Internal Purge Diaphragm Valves, With 1 Number of Outlet Diaphragm Valves, With Safety Relief Valve, With Inlet & Outlet normal Pressure Gauges, With Inlet & Outlet Ports = 1/4" FNPT.	4	CMC-CB-280-10-V-P-M63-0-S
3	Fittings for above Panel Outlets, MOC:SS316L, End Connection : 1/4" MNPTX1/4"OD	5	SMC-4-4N-S6
4	SS Flexible Hose(Internal SS) along with safety Wire & Cylinder Connector for All Gases, Working Pressure:200 Bar, Length:1 Meter, End Connection : 1/4" FNPT X 1/4" MNPT.	6	FX06\DN1/4\1000\UF1/4\N\UM1/4\N\C
5	Cylinder Bracket to Hold Cylinders,	6	Holder for 1 Cylinder

के. भास्कर राव / K.BHASKARA RAO
वरिष्ठ संचालक एवं प्रमुख अफसर
जवाहर नैत्रु केंद्र
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जवाहर नैत्रु केंद्र - 560 084 BANGALORE, BANGALORE- 560 084.



ANNEXURE

Point of Use Regulators for New Machine Nitrogen. All other equipments will be connect to existing point of use regulators			
1	Point of Use Regulators for Nitrogen for New Machine, Gas Purity 6.0 Grade, Wall Mounting, Single Stage, Inlet Pressure : 50 Bar, Outlet Pressure : 0 to 10 Bar, MOC : Brass Chromeplated, With Inlet integrated Diaphragm Shut-Off Valve, With Hasteloy Diaphragm, Assembled with Outlet Pressure Gauges. With Inlet & Outlet Ports = 1/4"FNPT.	1	SLS 21 10 N EPDM 1 STD (I:top)
2	Fittings for Point of Use Regulator Inlet, MOC:SS316L, End Connection : 1/4" MNPTX1/4"OD	1	SMC-4-4N-56
3	Fittings for Point of Use Regulator Outlet, MOC:SS316L, End Connection : 1/4" MNPTX1/8"OD	1	SMC-2-4N-56
Other Accessories Required for the Project			
1	SS316 Seamless Tubing - 1/4"ODX0.035" WT ASTM A269 Grade, Make : Valex/Sanvik/DK LOK/Dockwieler	218	Import Tube 1/4" OD
2	Ultra High Purity Fitting - 316L Low sulfur - Weld Fittings - Butt weld tee without shoulder - 1/4"x0.035 butt weld, 0.75 in. (19,1mm) extension connections - Ra 16 µinch	4	T 14 ABW/L/GS
3	Instalaltion of the complete system including Instalaltion Material , Including Gas Panels,Tube Laying, User Point Regulators,Valves , Orbital Welding, Labeling, Leak & Pressure test of complete system, along with Instalaltion Material.	1	lot
Option - Point of Use Regulators for all Tables(Table 1 = O2=1, He -2, Table 2 - N2 - 1, Spare N2 -1, Table 4 -N2 = 1, Spare N2 -1, Table 5 - N2 = 1			
1	Point of Use Regulators for all Gases, Gas Purity 6.0 Grade, Wall Mounting, Single Stage, Inlet Pressure : 50 Bar, Outlet Pressure : 0 to 10 Bar, MOC : Brass Chromeplated, With Inlet integrated Diaphragm Shut-Off Valve, With Hasteloy Diaphragm, Assembled with Outlet Pressure Gauges, With Inlet & Outlet Ports = 1/4"FNPT.	8	SLS 21 10 N EPDM 1 STD (I:top)
2	Fittings for Point of Use Regulator Inlet, MOC:SS316L, End Connection : 1/4" MNPTX1/4"OD	7	SMC-4-4N-56
3	Fittings for Point of Use Regulator Outlet, MOC:SS316L, End Connection : 1/4" MNPTX1/8"OD	7	SMC-2-4N-56


के. भास्कर राव / K. BHASKARA RAO
 वरीष्ठ भंडार अधिकारी / SR STORES & PURCHASE OFFICER
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