INVITATION FOR TENDER FOR SUPPLY OF TRIPLE OUTPUT DC POWER SUPPLY IN THE MATERIALS SCIENCE CENTRE.

Sealed Tender offers are invited in two separate sealed covers (Technical and Commercial offers) from eligible manufacturers/suppliers or their direct Indian agents for the supply of the following equipment:

(1) TRIPLE OUTPUT DC POWER SUPPLY

Please send offers ALONG WITH DESCRIPTIVE CATALOGUE/BROCHURE. The validity of the bid should be at least four months from the date of opening of this tender. Please ensure that your quotation reaches this office not later than **18th December 2020 at 17:00 hours** at the following address:

Chairman, Purchase Committee,
Materials Science Centre,
Indian Institute of Technology,
Kharagpur-721 302 (India).

Earnest Money of Rs. 4,000/- is to be deposited in the form of Account Payee Demand Draft in favour of IIT Kharagpur, payable at Kharagpur, India. Any Bid which is not accompanied with an EMD shall be summarily rejected. Earnest money deposited will be forfeited if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender. No interest will be paid on the earnest money of the unsuccessful bidders.

<table>
<thead>
<tr>
<th>Tender Reference</th>
<th>IIT/MSC/ISIRD/VAN/VK/20-21/30/58 Dated:16.11.2020</th>
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</thead>
<tbody>
<tr>
<td>Price of the Tender Papers</td>
<td>Nil</td>
</tr>
<tr>
<td>Last Date and Time for receipt of technical/commercial bids in separate sealed envelopes</td>
<td><strong>18.12.2020 (17:00 hrs)</strong></td>
</tr>
<tr>
<td>Time and date of opening of bids</td>
<td><strong>22.12.2020 (16:30 hrs)</strong></td>
</tr>
<tr>
<td>Place of opening Tender offers</td>
<td>Materials Science Centre, Indian Institute of Technology, Kharagpur-721 302, West Bengal,</td>
</tr>
<tr>
<td>Address of communications</td>
<td>As stated above</td>
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<tr>
<td>Contact telephone numbers</td>
<td>+91 3222 283966</td>
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Tender specifications for Triple Output DC Power Supply

Triple channel power supply should have following features

1. Power supply should have three Isolated, adjustable and independent outputs in one unit.
2. Power supply should work with serial or parallel connections to increase voltage upto 60 V or current up to 6 A.
3. Power Supply should display Voltage and Current measurements continuously from all 3 outputs.
4. DC Output rating: 1) 0-30 V, 2) 0-30 V and 3) 0-5 V.
5. DC Current for channels: 1) 0-3 A, 2) 0-3 A and 3) 0-3 A.
7. Power Supply should be able to store frequently used configurations in any of 10 setup memory locations.
8. System should be able to turn off any output after a predetermined test time with each channel output Timer.

Important safety standards

The instrument must comply to International EMC and Safety standards.

Accessories

Mains Cord, Operating Manual on CD/USB, USB to GPIB Adapter and 3 Nos. 1 mtr double shielded GPIB Cable.

General

Quotations should be submitted either by an OEM or their Authorised Distributors only. Valid Authorisation Certificate from OEM is must incase of Quotations are submitted by Distributors.

Warranty

The stores should be covered by guarantee of quality/warranty of performance for a period of 1 year complete warranty on the triple output DC power supply unit. A certificate of this effect should be furnished. Manufacturer must have their own dedicated Service and NABL Accredited Calibration Center available in India and documents of the same must be submitted while submitting their Quotations.
Others:
1. State availability of the spare parts for 5 years
2. The tender document must indicate what kind of service/maintenance is required for the system. Whether this service is carried out by company engineer or it can be carried out by factory trained service personnel within India.
3. Installation and commissioning: Must be free of cost at IIT Kharagpur. The bidder must mention how they plan to perform the installation.
4. On-site demonstration of all the features of the system and training to operate the system should be done at no extra cost.
5. Port of shipment and country of origin must be mentioned in bids.
6. A Checklist and Compliance statement against each item of the previous section must be provided in tabular format.

GENERAL TERMS & CONDITIONS
PLEASE SPECIFICALLY INDICATE THE FOLLOWING POINTS IN YOUR QUOTATIONS AND COMPLY THE TERMS AS MENTIONED HERE UNDER:-

1. TENDER ARE INVITED IN DUPLICATE SETS COMPLYING THE REQUIREMENT FOR TENDER AS DETAILED IN THE TENDER SPECIFICATION TO BE SUBMITTED IN THE COMPANY'S/FIRM'S LETTER HEAD NEATLY PRINTED/TYPED DULY SIGNED BY AUTHORIZED PERSON WITH THE SEAL OF THE BIDDERS. ALL ENVELOPS CONTAINING THE TENDER SHOULD BE PROPERLY SEALTED. SEPARATE ENVELOPS SHOULD BE USED FOR TECHNICAL AND PRICE BID AND INDICATION TO THEIR EFFECT MAY PLEASE BE SUPERSCRIBED ON THE ENVELOP.

2. TECHNICAL CATALOGUE/LEAFLET SHOULD BE ENCLOSED WITHOUT FAIL.

3. PLEASE CONFIRM WHETHER YOU ARE AUTHORIZED TO QUOTE ON BEHALF OF YOUR PRINCIPALS AND IF SO, PLEASE ENCLOSE A COPY OF SUCH AUTHORIZATION WITH YOUR QUOTATION.

4. PRICE BID FOR FOREIGN FIRMS: PRICES ARE TO BE QUOTED ON EX-WORKS DULY PACKED OR ON FCA/FOR INTERNATIONAL PORT BASIS AND ALSO INCLUDING AGENCY COMMISSION PAYABLE TO YOUR INDIAN AGENTS, IF ANY SHOWING CLEARLY THE FOLLOWING BREAK UP:-

   I) EX-WORKS PRICE
   II) PACKING AND FORWARDING
   III) FREIGHT
   IV) ANY OTHER RELEVANT EXPENSES
   V) TAXES PAYABLE BY THE INSTITUTE

INSURANCE WILL BE PAID BY OUR INSTITUTE SEPARATELY AND SHOULD NOT FORM PART OF THE QUOTED PRICE.
**PRICE BIDS FOR INDIAN FIRMS** : PRICES ARE TO BE QUOTED ON F.O.R., IIT Kharagpur, ON DOOR DELIVERY BASIS CLEARLY SHOWING THE BREAK UP.

5. PERIOD OF VALIDITY : BIDS SHALL REMAIN VALID FOR ACCEPTANCE FOR A PERIOD OF 120 DAYS FROM THE DATE OF OPENING.

6. INDIAN AGENTS ADDRESS AND PERCENTAGE OF AGENCY COMMISSION INCLUDED IN ABOVE F.O.B./EX-WORKS PRICE. (THIS WILL BE PAID TO THE INDIAN AGENTS IN INDIAN RUPEES ONLY AND NOT IN FE). PLEASE ENCLOSE COPY OF AGENCY AGREEMENT ENTERED INTO WITH YOUR PRINCIPALS INDICATING THE NATURE OF AFTER SALES SERVICES OF INDIAN AGENTS, PRECISE RELATIONSHIP AND MUTUAL INTEREST IN THE BUSINESS.

7. MEASUREMENTS/WEIGHT : NETT/GROSS OF THE CONSIGNMENT. IN CASE OF AN ORDER, YOU SHALL USE AIR WORTHY PACKAGE (AS APPLICABLE) DULY CERTIFIED WITH DOCUMENTS-PLYTO-SANITARY CERTIFICATE (AS PER QUARANTINE ORDER 2003).

8. SCOPE OF SUPPLY : SHOULD INCLUDED FREE INSTALLATION AND COMMISSIONING.

9. **PAYMENT TERMS FOR FOREIGN FIRMS** :

   (A) 100% PAYMENT THROUGH SIGHT DRAFT/FOREIGN DEMAND DRAFT/LC (EXCEPTIONAL CASES)/ SWIFT TELE TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION.

   (B) BANK CHARGES ON LC/SD (WITHIN INDIA APPLICANT ACCOUNT AND OUTSIDE INDIA TO BENEFICIARY ACCOUNT).

**PAYMENT TERMS FOR INDIAN FIRMS** :

   (A) 100% PAYMENT THROUGH CROSSED ACCOUNT PAYEE CHEQUE/ELECTRONIC TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION.

   (B) ENSURE MENTIONING :

   I) BANK DETAILS OF THE BENEFICIARY AND PAN NUMBER
   II) FULL NAME AND ADDRESS OF THE BENEFICIARY ON WHOM ORDER HAS TO BE PLACED.

   (IN BOTH THE CASES ABOVE, INSTITUTE MAY PAY 90% ON DELIVERY OF THE ITEMS/STORES AND THE REMAINING , 10% AFTER SATISFACTORY INSTALLATION AND PERFORMANCE).

10. WHETHER ANY EXPORT LICENCE IS REQUIRED FROM YOUR GOVERNMENT, IF SO, PLEASE CONFIRM WITH DETAILS.

11. COUNTRY OF ORIGIN OF THE GOODS IS TO BE MENTIONED.

13. LIQUIDATED DAMAGES: THE STORES SHOULD BE DELIVERED DISPATCHED TO DESTINATION AND READY FOR OPERATION NOT LATER THAN THE DELIVERY DATE SPECIFIED. IN THE SUPPLIER FAILS TO DELIVER ANY OR ALL THE STORES OR PERFORM THE SERVICE BY THE SPECIFIED DATE, LIQUIDATED DAMAGES AT 1% PER MONTH OR PART THEREOF IN RESPECT OF THE VALUE OR STORES WILL BE DEDUCTED FROM THE CONTRACT PRICE SUBJECT TO A MAXIMUM OF 5%. ALTERNATIVELY, THE ORDER WILL BE CANCELLED AND THE UNDELIVERED STORES PURCHASED FROM ELSEWHERE AT THE RISK AND EXPENSE OF SUPPLIER.

14. PATENT RIGHTS: THE SUPPLIER SHALL INDEMNIFY THE PURCHASE AGAINST ALL THIRD PARTY CLAIMS OF INFRINGEMENT OF PATENT, TRADEMARK OR INDUSTRIAL DESIGN RIGHTS ARISING FROM USE OF THE GOODS OR ANY PART THEREOF IN INDIA.

15. ONLY THOSE BIDDERS WHO'S BIDS HAVE BEEN TECHNICALLY FOUND ACCEPTABLE WILL ONLY BE INVITED FOR PARTICIPATION IN THE PRICE BID.

16. THOSE BIDDERS WHO DO NOT RECEIVE ANY COMMUNICATION FOR PARTICIPATION IN PRICE BID OPENING MEETING MAY PRESUME THAT THEIR BID HAS NOT BEEN ACCEPTED BY THE INSTITUTE.

17. CONDITIONAL OFFER WILL NOT BE ACCEPTED.

18. LATE TENDER, i.e. TENDEDR RECEIVED AFTER THE DUE DATE AND TIME OF SUBMISSION AS MENTIONED ABOVE SHALL NOT BE ACCEPTED.

19. BIDDERS TO ENCLOSE THE FOLLOWING DOCUMENTS :-

A) CURRENT INCOME TAX AND SALES TAX CLEARANCE CERTIFICATES AND PAN NO.

B) BANKER’S SOLVENCY CERTIFICATE

C) SUMMARY OF AUDITED STATEMENT OF ACCOUNTS FOR THE LAST THREE YEARS TO BE ENCLOSED AND FINANCIAL HIGHLIGHTS AND THE KEY PERFORMANCE DURING THE LAST THREE QUARTERS TO BE ENCLOSED AS PER FORMAT :-

COMPANY'S KEY PERFORMANCE

<table>
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<tr>
<th>DESCRIPTION</th>
<th>JAN. TO MARCH</th>
<th>APRIL TO JUNE</th>
<th>JULY TO SEPT</th>
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<tbody>
<tr>
<td>GROSS REVENUE</td>
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<tr>
<td>PROFIT BEFORE TAX</td>
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<tr>
<td>PROFIT AFTER TAX</td>
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D) NAME AND ADDRESS OF MINIMUM THREE CLIENTS TO WHOM SUCH EQUIPMENT HAVE BEEN SUPPLIED SHOULD BE MENTIONED.

20. WARRANTY/GUARANTEE: THIS COMPREHENSIVE WARRANTY/GUARANTEE SHALL REMAIN VALID FOR 60 MONTHS AFTER THE GOODS (OR ANY PORTION THEREOF AS THE CASE MAY BE) HAVE BEEN DELIVERED AND COMMISSIONED TO THE FINAL DESTINATION INDICATED IN THE CONTRACT.

21. THE INSTITUTE DOES NOT BIND ITSELF TO OFFER ANY EXPLANATION TO THOSE BIDDERS WHO'S TECHNICAL BID HAS NOT BEEN FOUND ACCEPTABLE BY THE EVALUATION COMMITTEE OF THE INSTITUTE.

22. ALL TENDERS (UNLESS OTHERWISE SPECIFIED) ARE TO BE SUBMITTED TO CHAIRMAN (PURCHASE COMMITTEE), MATERIALS SCIENCE CENTRE, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721 302 AND ACKNOWLEDGEMENT TO BE OBTAINED.

IMPORTANT:

1. IIT Kharagpur authority may accept or reject any or all the bids in part or in full without assigning any reason and does not bind itself to accept the lowest bid. The Institute at its discretion may change the quantity / upgrade the criteria / drop any item or part thereof at any time before placing the Purchase Order.

2. Promptly make arrangements for repair and / or replacement of any damaged item (s) irrespective of settlement of claim.

3. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.

4. For any query pertaining to this bid document correspondence may be addressed to Prof. P. Banerji, HOC at the address mentioned above.

LAST DATE FOR SUBMISSION OF SEALED BIDS: 18.12.2020 (17:00 hrs)

1) Please note that the Institute remains closed during Saturday and Sunday and all specified Government Holidays.

2) Fax, e-mail Tender will not be accepted. Duplicate Bid document must be submitted in a separate closed cover.
3) The General Terms and Conditions as stated above related to supply of stores / equipments / assets etc. and for specific service other terms and conditions of the Institute will apply.