



**INDIAN INSTITUTE OF TECHNOLOGY  
KHARAGPUR-721 302, INDIA**

Tender No. **IIT/AGFE/EQUIP/Tender/LWRE/SPG/AM/3/2018-19**

**Dated: 03.01.2019**

**INVITATION FOR TENDER FOR SUPPLY OF EQUIPMENT**

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

Interested vendors, who have adequate credential for supply of these items, are requested to send their sealed bids under a **Two-Bid System** of the **Equipment** with their **Detailed Technical Specifications** given at **Annexure-I** and General Terms & Conditions given at **Annexure-II**. In addition, the vendor must submit a signed “declaration” form as given in **Annexure-III**.

The Tender be sent in a sealed packet, containing two separate sealed envelopes for each of the items mentioned in **Annexure-I** (one for Technical Bid and the other for Commercial Bid, **Format for Commercial Bid in Annexure-IV**). Each envelop should be duly superscripted with (i) the Tender Notice No. given in the table below (ii) content of the envelope(i.e. Technical Bid / Commercial Bid) and (iii) the ‘description of the stores’ as given in **Annexure-I** to:

**Prof A. Mishra**  
**Agricultural and Food Engineering Department**  
**Indian Institute of Technology Kharagpur,**  
**Kharagpur-721 302, West Bengal**

Tenders should reach the addressee not later than the “Last date and Time “mentioned in the Table below. Tender Notice No.	<b>IIT/AGFE/EQUIP/Tender/LWRE/SPG/AM/3/2018-19</b>
Last date and Time of receipt of Tender	28 January 2019, 4.30 PM
Time and date of Opening of bids	28 January 2019 at 4.30 PM
Place of Opening of Tender	Agricultural and Food Engineering Department, IIT Kharagpur, Kharagpur- 721302, West Bengal
Address of communication	As stated above
Contact Telephone No.	03222-283890

The Technical bids will be opened in the presence of the vendors/their authorized representatives and will be evaluated first. Price bids will be opened (to be notified separately), only of those firms, who will be found technically qualified/short listed, after evaluation of their technical bids. The Institute reserves the right to accept or reject the bids/tender or take any decision as deemed fit as per rules.

Prof. Nirupama Mallick  
Head of the Department  
Agricultural & Food Engineering Department

- Copy to:** 1. PIC, IIC with a request to upload the tender document in the Institute website  
2. CPP Portal  
3. Notice Board

Item No.	Description
1	Magnetic Flowmeter
2	Pneumatic Dead Weight Tester

### Technical Specifications of Magnetic Flowmeter (ITEM No. 1)

Sl. No.	Description	
A	Type	Microprocessor based electromagnetic
B	Connection	Threaded 1 Inch
C	Flow	Minimum 15 lpm Maximum 200 lpm
D	Display	Multiline LCD Display of instantaneous and Totalized
E	Programing	On board programing and calibration
F	Operating voltage	180 V AC - 230V AC
G	Accuracy	$\pm 0.5\%$
H	Operating Pressure	10 Kg/cm <sup>2</sup>
I	Operating Environment	100% Humidity and 0 to 50 <sup>0</sup> C
J	Mounting	Universal

### Technical Specifications of Pneumatic Dead Weight Tester (ITEM No.2)

Sl. No.	Description	
A	Operation	Air operated with pump inegrated and included
B	Pressure Range/ Vacuum Mode	Up to 1 to 35 bar / (90% Vacuum )
C	Accuracy	precision of 0.05% of reading or more
D	Weight Material	Nonmagnetic Stainless Steel
E	Test Ports	1/8, 1/4, 3/8 and 1/2 NPT or BSP
F	Minimum Standard Weight Increments	0.1 bar
G	Piston	Tungsten Carbide with
H	Cylinder	Hardened Steel

**Optional Accessories:** Angle adapter, Two Gauge Stand, Pointer Remover

## GENERAL TERMS & CONDITIONS

PLEASE SPECIFICALLY INDICATE THE FOLLOWING POINTS IN YOUR QUOTATIONS AND COMPLY THE TERMS AS MENTIONED HEREUNDER:-

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

### **THE FOLLOWING DOCUMENTS ARE REQUIRED FROM THE INDIAN AGENTS OF FOREIGN FIRMS:**

FOREIGN PRINCIPAL'S PROFORMA INVOICE INDICATING THE COMMISSION PAYABLE TO THE INDIAN AGENT AND NATURE OF AFTER SALES SERVICE TO BE RENDERED BY THE INDIAN AGENT.

COPY OF THE AGENCY AGREEMENT WITH THE FOREIGN PRINCIPAL INDICATING THE NATURE OF AFTER SALES SERVICES, PRECISE RELATIONSHIP BETWEEN THEM AND THEIR MUTUAL INTEREST IN THE BUSINESS.

2. TECHNICAL CATALOGUE/LEAFLET SHOULD BE ENCLOSED WITHOUT FAIL. PROVIDE COMPLIANCE STATEMENT WITH RESPECT TO THE TECHNICAL SPECIFICATIONS MENTIONED ABOVE.
3. PLEASE CONFIRM WHETHER YOU ARE AUTHORISED TO QUOTE ON BEHALF OF YOUR PRINCIPALS AND IF SO, PLEASE ENCLOSE A COPY OF SUCH AUTHORISATION WITH YOUR QUOTATION.
4. **PRICE BIDS FOR FOREIGN FIRMS:** PRICES ARE TO BE QUOTED ON 'EX-WORKS' DULY PACKED OR ON "FCA/FOB" 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 & 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 & 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–PLY TO– SANITARY CERTIFICATE (AS PER QUARANTINE ORDER 2003).
8. **SCOPE OF SUPPLY:** SHOULD INCLUDE FREE INSTALLATION AND COMMISSIONING
9. **PAYMENT TERMS FOR FOREIGN FIRMS**

**The offer will be made on a single currency and only one PO will be issued for the entire scope of the supply.**

- A). 90% PAYMENT THROUGH SIGHT DRAFT/FORIGN DEMAND DRAFT/LC (EXCEPTIONAL CASES)/SWIFT TELE TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION AND 10% AFTER SUCCESSFUL INSTALLATION & COMMISSIONING.
- 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 & CONDITION AND SUCCESSFUL INSTALLATION & COMMISSIONING.

B) ENSURE MENTIONING

i) BANK DETAILS OF THE BENEFICIARY, GSTNO. AND PAN NUMBER

ii) FULL NAME AND ADDRESS OF THE BENEFICIARY ON WHOM ORDER HAS TO BE PLACED

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.
12. THE INSTITUTE SHALL PROVIDE THE CONCESSIONAL CUSTOMS DUTY AND EXCISE DUTY EXEMPTION CERTIFICATE AS PER GOVT. NOTIFICATION NO. 51/96 CUSTOMS DATED: 23.07.1996 AND CENTRAL EXCISE DUTY EXEMPTION IN TERMS OF GOVT. NOTIFICATION NO. 10/97 – CENTRAL EXCISE DATED: 01.03.1997 AS AMENDED FROM TIME TO TIME.
13. **LIQUIDATED DAMAGES:** THE STORES SHOULD BE DELIVERED / DISPATCHED TO DESTINATION AND READY FOR OPERATION NOT LATER THAN THE DELIVERY DATE SPECIFIED. IF 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 OF 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 TENDERS I.E. TENDER RECEIVED AFTER THE DUE DATE AND TIME OF SUBMISSION AS MENTIONED ABOVE SHALL NOT BE ACCEPTED.
19. BIDDERS TO ENCLOSE THE FOLLOWING DOCUMENTS:-
  - A). INCOME TAX RETURN (3 YRS) AND LATEST SALES TAX RETURN (GST No.), 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

DESCRIPTION	JAN. TO MARCH	APRIL TO JUNE	JULY TO SEPT.
GROSS REVENUE			
PROFIT BEFORE TAX			
PROFIT AFTER TAX			
RETURN ON INVESTED			
CAPITAL (ROIC)			

D) CUSTOMER SATISFACTION CERTIFICATE FROM ONE SUCH ORGANIZATION IS TO BE ATTACHED WITH THE TECHNICAL BID AND PRICE BID.

E) NAME AND ADDRESS OF MINIMUM THREE CLIENTS TO WHOM SUCHEQUIPMENT HAVE BEEN SUPPLIED SHOULD BE MENTIONED.

**20. WARRANTY / GUARANTEE:** THIS COMPREHENSIVE WARRANTY / GUARANTEE SHALL REMAIN VALID FOR **2 YEARS** AFTER THE GOODS (OR ANY PORTION THEREOF AS THE CASE MAY BE) HAVE BEEN DELIVERED AND COMMISSIONED TO THE FINAL DESTINATION.

**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. ALL TENDERS (UNLESS OTHERWISE SPECIFIED) ARE TO BE SUBMITTED / HANDED OVER TO Prof. A.Mishra, Professor, Agricultural and Food Engineering Department, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR - 721302 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.

For any query pertaining to this bid document correspondence may be addressed to Prof. A. Mishra, at the address mentioned above.

**LAST DATE FOR SUBMISSION OF SEALED BIDS: 28,January,2019, 4:30 PM**

- 1) Please Note that the Institute remains closed during Saturdays & Sundays and all specified government holidays.
  - 2) Fax, e-mail Tender will not be accepted.
  - 3) The General Terms and Conditions as stated above relate to supply of stores / equipment /assets etc. and for specific service other terms and conditions of the Institute will apply.
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Prof Nirupama Mallick  
Head of the Department  
Agricultural and Food Engineering Department  
IIT Kharagpur

**DECLARATION**

1. I, -----Son/Daughter of Shri -----  
----- Proprietor/Partner/CEO/MD/Director/Authorized Signatory of  
M/s. ----- am Competent to sign this declaration and  
execute this tender document.

1.I have carefully read and understood all the terms and conditions of the tender and here by convey my acceptance of the same.

2. The information/documents furnished along with the above application are true and authentic to the best of my knowledge and belief.
3. I/ we/ am are well aware of the fact that furnishing of any false information/fabricated document would lead to rejection of my tender at any stage besides liabilities towards prosecution under appropriate law.
4. Each page of the tender document and papers submitted by my Company is authenticated, sealed and signed, and I take full responsibility for the entire documents submitted.

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Signature of the Authorized Person

Date: -----

Place: -----

Full Name: -----

Company Seal: -----



**Price Bid Format**

1. Name of the Vendor
2. Address:
3. Name of the Authorized person  
with Mobile Number & Email

Sl.No.	Description of the Equipment.	Price in INR/ Price in Foreign Currency*	Taxes if any	FOB/FCA/FOR at IIT KGP	Total
01	ex: Resistivity Meter				
02					
Total in words:					

\*Currency conversion factor will be taken that of the prevailing rate on the day of opening of the Price bid.

Signature of the Authorized person  
with date and seal