



**OCEAN ENGINEERING AND NAVAL ARCHITECTURE
INDIAN INSTITUTE OF TECHNOLOGY
KHARAGPUR - 721 302**

ENQUIRY NO: IIT/NA/PLAN/HOD/EQ-20/2018-19

DATE: 11/01/2019

INVITATION FOR TENDER FOR SUPPLY & INSTALLATION OF STORES

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 & installation of the following equipment:

STORE NAME - INDUSTRIAL PC

Please send offers, along with descriptive Catalogue/ Brochure . The validity of the bid should be at least four months (120 days) or more from the date of the opening of this tender. Please ensure that your quotation reaches not later than 07/02/2019 at 15:30 Hrs at the following address:

Head of the Department
Dept. of Ocean Engg and Naval Architecture
IIT Kharagpur- 721 302 , West Bengal , India.

Earnest money of Rs. 5000/- 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 tendered 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.

SCHEDULE:-

Tender Reference	IIT/NA/PLAN/HOD/EQ-19/2018-19 DATE: 11/01/2018
Price of Tender Document	Nil
Last date and time for receipt of Technical/commercial Bids in Separate sealed envelopes	07.02.2019 (15:30 hrs.)
Time and Date of Opening of Technical Bids & Price Bids	07.02.2019 (16:00 hrs.)
Place of Opening tender offers	HOD Office OE&NA,IIT Kharagpur - 721302
Address of Communication	As stated above
Contact Telephone Numbers	Phone: +91-3222-282283
Tender Fee	500.00
Earnest Money Deposit (EMD)	5000.00
EMD and Tender fee in favour of	"Indian Institute of Technology, Kharagpur"

Annexure:-

- Technical Specification as per Annexure - I
- Eligibility Criteria as per Annexure - II,
- Technical bid Document as per Annexure - III,
- Signed & Stamped Declaration - Annexure - IV,
- General Terms & Conditions as per Annexure - V
- Format of Price Bid as per Annexure - VI under a Two-Bid System.

**Head of the Department
Ocean Engg and Naval Architecture
IIT Kharagpur- 721302,(W.B),India.**

Copy to:

- 1.Institute website
- 2.CPP Portal
- 3.Notice Board

SPECIFICATIONS

Sl. No.	Item	Specifications	Make & Model or their substantially equivalent	Qty. required
1.	INDUSTRIAL PC	Provided below	As per Specification	01

Detailed Specifications:-

Specification of Industrial PC

1. Supply of Industrial PC for DAQ and Control System of Ship Hydrodynamic Lab with accessories.
2. Installation And Commissioning of Lab VIEW based Data Acquisition Software and NI hardware driver .
3. Installation and commissioning of PC on site and interfacing the PC with the existing hardware and software as installed with the existing system.
4. Onsite service warranty for five years from the date of commissioning.

S.No	Parameter	Technical Specification
1	Processor	Intel 8th Gen Latest “i7” series/Xeon series/Equivalent processor. Clock Speed: 3.50 GHz or higher.
2	Chipset	Q77,C226 or above
3	Motherboard	OEM motherboard with all necessary component
4	Memory	8 GB, Expandable up to 32 GB DDR3-1600MHz or higher
5	Hard Disk	1 TB SATA or more,7200 RPM or higher
6	Ethernet network interface	Interface 10/100/1000Mbps
7	Wi-Fi card	802.11/b/g/n Inbuilt antenna shall be provided
8	Mouse	2 Button Bluetooth optical Scroll Mouse
9	Key Board	Bluetooth Keyboard.
10	DVD Drive	Optical type internal sata 16X max or higher DVD R/W drive
11	Graphics	Intel® UHD Graphics 630 Max Resolution (DP) : 4096x2304@60Hz
12	Audio	Internal audio connector

13	I/O ports	3 x Display Ports 4 nos. serial (9 PIN) 6 external USB (2 nos. min USB 3.0) 8 nos Ethernet port Gigabit 10/ 100/ I000 1 VGA 1 stereo line in / out 1 microphone line in
14	Expansion	PCIe X4,X1 and 3 or more PCI slots.
15	Power supply	Should be capable of working with input power supply rated 100 V ~ 250 V, 50 Hz, 15 amps.
16	Cooling fan and dust control	The PC shall be provided with heavy-duty cooling fan control suitable for up to 12 hours continuous operation. The PC shall be capable of working in dusty/ hit/ humid weather. Necessary filters and dust seal mechanism should be provided.
17	Bays	Externally Accessible 5.2 Inch Drive Bays at least 2 Nos
18	Operating system & media	Genuine Windows 10.0 professional edition, with latest service pack preloaded license. OEM media in form of DVD/ CD containing OS and drivers. Recovery media should be provided. Genuine MS office software with license to be loaded.
19	OS certificates	The hardware shall be fully compatible with latest versions of Linux and Windows 10 professional
20	Monitor	24 inch or above
21	Operating Temp.	-40°C ~ 70°C
22	Storage Temp	-40°C ~ 80°C
23	Relative Humidity	0% RH – 95% RH
24	Vibration(random)	IEC60068-2-64, random, 2.5G@5~500Hz, 1hr/axis with SSD
25	Vibration Operating	MIL-STD-810G, Method 514.6, Procedure I, Category 4
26	Shock	Operating: MIL-STD-810G, Method 516.6, Procedure I, Trucks and semi-trailers=15G (11ms) with SSD
27	Certifications	CE, FCC Class A, E13

The supplier shall connect the existing NI based DAQ and control system to the industrial PC and show the entire system in working condition. The working condition means data files from NI DAQ system, video files from video camera and data from sensors connected to RS232 connectors shall be logged simultaneously at their maximum data acquisition capacity. The supplier may get the details of the sensors before finalizing their quotation.

MINIMUM ELIGIBILITY CRITERIA:

- (a) Proof of Registration of the bidder under relevant law, such as Companies Act, and / or Shops & Establishment Act or Trade License from appropriate authority etc.
- (b) All bidders should submit the copy of PAN Card, GST Registration Certificate.
- (c) The bidder must submit copies of acknowledgement of Income Tax return for the last three years.
- (d) Must have necessary dealership/distributors certificate in case of Authorised Dealer/ Distributor.
- (e) Filled in declaration as per the Annexure -IV.

Bidders must submit the documentary proof in support of meeting the minimum eligibility criteria. Simply an undertaking by the Bidder for any item of the criteria shall not suffice the purpose. All the documentary proof must be listed on the letter head, to be submitted with the Tender Document signed and stamped.

TECHNICAL BID DOCUMENT

FORMAT TO BE FILLED BY THE O E M O R A U T H O R I Z E D V E N D O R S F O R SUBMITTING
TENDER FOR SUPPLY OF DIGITAL INCLINOMETER AT OCEAN ENGINEERING & NAVAL ARCHITECTURE,
IIT KHARAGPUR AS PER ANNEXUE-I

1. Name of the Tenderer (Copy of Registration Certificate/
Trade License) :
2. Status of the Tenderer (attach documents, if
registered company/partnership/propriety ship) :
3. Details of key top official/authorized official with tele-
links for contact persons (attach details) :
4. Copies of PAN Card, GST Registration certificate,
IT Return for last three financial years :
5. Copy of product literature, technical leaflet for which
prices have been quoted :
6. Signed copy of the tender document, with company seal :
7. Compliance statement for each component along with
Make & Model :

Certified that all above information are correct to the best of my/our information,
knowledge and belief.

Dated signature & seal of the Vendor

NOTE : This must be submitted in the **"TECHNICAL BID"**.

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.

2. Tender ref no: _____ Dt:_____ . I have carefully
read and understood all the terms and conditions of the tender and hereby convey my
acceptance of the same.

3. The information/ documents furnished along with the above application are true and
authentic to the best of my knowledge and belief.

4. 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.

5. 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.

6. I/we hereby confirm and declare that I/we am/are not blacklisted /De-registered /
debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or
any other agency for which we have Executed/ Undertaken the works/ Services.

Signature of the Authorized
Person

Date: -----

Full Name: -----

Place: -----

Company Seal: -----

GENERAL TERMS AND CONDITIONS

(1) Important Dates:

- Last Date of Submission of Sealed Bids: 7th FEBRUARY, 2019 at 3:30 p.m.
- Date of opening of the Technical Bids: 7th FEBRUARY, 2019 at 4:00 p.m.

(In the Office of Prof. P K Bhaskaran, Head of the Department, Ocean Engineering & Naval Architecture, IIT Kharagpur)

2.(i) Rate : The rate quoted must be inclusive of installation and all admissible taxes. All the charges like Installation charges etc., as applicable must be shown separately. The stores are required to be dispatched on F.O.R. IIT Kharagpur. The risk of damage or loss in transit if any will be that of the suppliers. Manufacturer's price list, Technical leaflet, samples, catalogue whenever applicable, should invariably be submitted.

(ii) GST: Must be shown separately

(iii) Indian Institute of Technology Kharagpur is a public Funded Academic & Research institute under the minister of Human Resource Development and is eligible for GST @5% vide Notification No.47/2017 dated:14.11.2017 and 10/2018- Integrated Tax (Rate) dated:25.01.2018 by the Ministry of Finance, Department of Revenue. Necessary certificate in this regard will be issued as per requirement and on request of the successful bidder.

(iv) Discount, if any, should be indicated separately/prominently.

3. **Delivery and Installation:** The stores are required to be delivered and installed within 30 days from the date of the purchase order. **No mobilization advance is payable against the Purchase Order. Custom Duty Exemption (51/96) Certificate will be provided by the Institute on request by the vendor.**

4. **Payment Terms:**

100% Payment shall be made after successful installation and commissioning duly certified by the concerned Head of the Department.

No advance/mobilization support, is payable against supply of stores/works.

In the event of failure to deliver the stores beyond the specified date, liquidated damages @ 1% per month or part thereof in respect of the value of stores will be deducted, subject to a maximum of 5%; alternately the order will be cancelled and the undelivered stores purchased from elsewhere at the risk and expense of the vendor.

5. **Quality & Specification of Stores :** The stores offered should be of best quality available, unless otherwise specified, conforming strictly to the National/International specification. The Institute reserves the right to reject such stores if found unacceptable on these grounds. The guarantee and warranty offered be specifically mentioned.

6. **Period of Validity** : A quotation shall remain valid for acceptance at least for a period of 120 days from the date of opening of the Price Bid.
7. **Guarantee/Warranty** : **03 years Comprehensive Onsite Warranty**, from the date of successful installation and/or commissioning of the items.
8. The addendum/corrigendum if any shall be published on Institute's Website i.e. www.iitkgp.ac.in and on CPP Portal.
9. **Rejection of Offers** : The Institute reserves the right to ignore or reject any offer including the lowest without assigning any reason. The Institute does not bind itself to accept the lowest offer.
10. **Dispute** : In case of any dispute, the decision of the Director of this Institute shall be final and binding on the bidders.
11. **All tenders are to be submitted or handed over to the office of H O D, Ocean Engg. & Naval Architecture, IIT Kharagpur. The bids (technical and price bids) once submitted shall be the property of the Institute and shall not be returned to the vendor in future.**
12. **The person/officer signing the tender/bid documents should be delegated with an appropriate authority.**
13. **Opening of Price Bids** : The Price Bid(s) of only those vendor(s) who are found technically qualified will be opened and the same will be opened before the technically qualified vendor(s). **The date for opening of price bids will be notified separately. Price Comparison will be done as per total amount of each table basis. The bidder may supply and install the items mentioned in all the groups (A to E as per ANNEXURE - VI) or any one or more than one tables as per bidder's capacity.**
14. Tendered or his/her authorized representative (with proper authorization letter for opening of technical bids and also for opening of price bids) may choose to be present at the time of opening of Technical Bids/Price Bids.
15. **Installation and Commissioning**: Free of cost at Department of Ocean Engineering & Naval Architecture, IIT Kharagpur.
16. The benefit of any downward price revision (revision on account of budget/financial policy, tax revision, EPZ etc.) is to be given to IIT Kharagpur by the selected OEM/vendor.
17. The Institute does not bind itself to offer any explanation to those bidders whose technical bids have not been found acceptable by the Technical Evaluation Committee of the Institute.

18. JURISDICTION:

All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued i.e. Jurisdiction of KOLKATA HIGH COURT. Acceptance to this effect is also necessary at the time of opening of Technical Bid.

19. IMPORTANT

1. A bid submitted with false information will not only be rejected but also the OEM/vendor will be debarred from participation in future tendering process.
2. The OEMs/Vendors need to submit a certificate during opening of technical bids that they are not currently debarred or blacklisted in IIT Kharagpur for any supplies, products or services, or at present in any national organization or educational institute/university.
3. In case of any dispute, the decision of the Director of this Institute shall be final and binding on the bidders.
4. 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.
5. For any query pertaining to this bid document, correspondence be addressed to

Prof. P K Bhaskaran
Head of the department
Ocean Engg. & Naval Architecture
Indian Institute of Technology , Kharagpur-721 302
Ph : 03222-282283,

In case the due date for opening and submission of tender happens to be a holiday, the same will be opened on the next working day. The timings will however remain unchanged. Please Note that the Institute remains closed during Saturdays & Sundays.

NOTE : If the material or finished work are not found acceptable, the Bidder shall arrange for the replacement of materials required for re-executing the work as per Purchase Order.

No.: IIT/NA/PLAN/HOD/EQ-20/2018-19

Date: 11th January, 2019

FORMAT FOR PRICE BID

Sl. No.	Item	Make & Model	Qty. Req.	Per Unit Rate (Rs.)	Taxes (Rs.)	Total Amount (Including Taxes) (Rs.)
1.	Industrial PC		01			
Total Amount in Figure :						
Total Amount in Word :						

Dated signature & seal of the Vendor