

BID DOCUMENT

SECTION – I

TECHNICAL BID

for

Renovation and modification work to make an instrument room at Utility Building.



**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH
KOLKATA (IISER Kolkata)**

Mohanpur – 741 246

Tel. No: 033 6634 0051

NOTICE INVITING TENDER

ANNEXURE - I

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता
INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH (IISER) KOLKATA
Mohapur Campus, Mohapur – 741246
Dist. Nadia, West Bengal

No. : IISER-K/Civil/21-22/31

Date: 03.03.2022

TENDER DOCUMENT

1. The Superintendent Engineer on behalf of the Director, IISER Kolkata, invites single **bids** through our website portal from eligible contractors for the work mentioned below.

Name of work: Renovation and modification work to make an instrument room at Utility Building.

NIT NUMBER	:	IISER-K/Civil /21-22/31
Estimated Cost	:	Rs. 1,18,668.00
Cost of Tender paper	:	Rs. 500.00
Earnest Money	:	Rs . 2,400.00
Stipulated period of work	:	21 days

Date and Schedule

SL No.	Particular	Date	Time
1	Publishing date	01.03.2022	After 17.00Hrs.
2	Document Sale Start Date	01.03.2022	After 17.00Hrs.
3	Document Sale End Date	14.03.2022	Up to 17.00 Hrs.
4	Bid Submission End Date	14.03.2022	Up to 17.00 Hrs.
5	Bid Opening Date	15.03.2021	After 15.00 Hrs.

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2. Tender documents may be downloaded from the Institute website (<http://www.iiserkol.ac.in/announcements/tenders>) w. e. f. 01/03/2022 to 14/03/2022. Tender should be submitted online along with valid documents of eligibility criteria within the date mentioned above.
3. The Bidders shall submit the tender documents duly filled in and digitally signed and stamped by the authorized signatory on each and every page. **Tenders not submitted in the prescribed form and as per the terms and conditions stated in the Annexure – I shall be liable for rejection.**
4. The Director, Indian Institute of Science Education & Research, Kolkata shall be the “Accepting Authority” hereinafter referred to as such for the purpose of this Contract.

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान कोलकाता
INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH (IISER) KOLKATA
Mohanpur Campus, Mohanpur – 741246
Dist. Nadia, West Bengal

TERMS AND CONDITIONS OF THE TENDER

1. COST OF TENDER FORM

The Bidder should deposit the cost of tender paper through NEFT/RTGS separately in the Bank Account number given below and obtain acknowledgment of the transactions. A self signed copy of these acknowledgments should be submitted with the tender documents. Tenders not accompanied by **Cost of Tender in the prescribed form shall be summarily rejected.**

NAME OF THE ACCOUNT HOLDER: IISER KOLKATA
ACCOUNT NUMBER: 089301000011530
IFS CODE OF THE BRANCH: IOBA0000893
BANK NAME: INDIAN OVERSEAS BANK, SALT LAKE CITY

2. BIDDERS ELIGIBILITY

2.1 Credential:

- A. Those who have completed three civil works of value not less than 40% of the estimated cost put to tender, or
- B. Those who have completed two civil works of value not less than 50% of the estimated cost put to tender, or
- C. Those who have completed one civil works of value not less than 80% of the estimated cost put to tender, all amounts rounded off to a convenient figure, in the last Five year ending of the last day of the month previous to the one in which the tenders are invited.
- D. The Bidders are supposed to fulfil the terms and conditions given in the Tender Form. **Bidders not fulfilling the said requirement shall not be considered.**

3. EARNEST MONEY DEPOSIT

The Bidder should deposit the EMD through NEFT/RTGS separately in the Bank Account number given below and obtain acknowledgment of the transactions. A self signed copy of these acknowledgments should be uploaded with the online Bid.

NAME OF THE ACCOUNT HOLDER: IISER KOLKATA
ACCOUNT NUMBER: 089301000011530
IFS CODE OF THE BRANCH: IOBA0000893
BANK NAME: INDIAN OVERSEAS BANK, SALT LAKE CITY BRANCH

4. SECURITY DEPOSIT

10% of the value of the Bill quantity as Security Deposit will be deducted from the bill during payment and the same will be return after successful completion of maintenance guaranty period of one year or as mentioned in the work order from the date of completion.

5. DEADLINE FOR RECEIPT OF THE TENDER

Unless otherwise specified in the Tender Form, your Tender copy with relevant documents must reach this office before **Bid opening date and time as mentioned above.**

6. VALIDITY PERIOD OF TENDERS

- a) The Tenders submitted shall remain valid for acceptance for a period of 120 days from the date of opening of the Tender. If any Bidders withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the IISER, Kolkata, then the IISER, Kolkata shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. In that case Bidders shall not be allowed to participate in the re-tendering process of the work.
- b) The rates quoted in the tender shall remain valid for acceptance for 120 days from the date of submission of tender. The accepted rate shall remain valid during currency of contract. No escalation of price in any event and manner shall be allowed during the contractual period.
- c) In case the Bidders fail to meet the requirement/ quality of works for IISER Kolkata, earnest money/security deposit shall be liable to be forfeited. Thereafter, IISER Kolkata shall have right to get the required quantities of materials from any other Bidders or source without any notice.

7. PRICES

- a) The rate must be quoted for each item separately as shown in the BOQ (Schedule of Items) inclusive of education cess, excise duty and any other expenses and cash discount, if any. The GST and carriage rate, if any, may also be included in the rates. The rates quoted in any other form shall not be considered. If no rate is specified, it will be treated as nil. If the Bidder wants to offer any discount, the same should be included in the basic rates. The cash discount offered separately shall not be considered.
- b) The Tender form and other document, if any, may be filled in **English** and all entries must be typed or hand-written in ink clearly readable. Overwriting of rates is not permitted. The corrections, if any, should be attested by the Bidders with their signatures.
- c) The IISER Kolkata shall not entertain any increase in the rates during the validity period of Tender stated at Para-6. However, in the event there is a reduction in Government levies/duties during the period of order, corresponding benefit of reduction shall be passed on to the IISER Kolkata. Accordingly in case of any increase in levies/duties during the period of order, the payment of such increase shall be made to the Bidders.

8. SUBMISSION OF TENDER

Bidders are required to submit the hard copy of the Tender documents. Tender documents duly filled in and signed and stamped by the authorized signatory on each and every page with his offer in one Cover. The Cover shall consist of following:

- i) **Cost of Tender Form** – As mentioned in the item No.1
- ii) **Earnest Money** – As mentioned in the item No.3.
- iii) **Annexure I and II** – Each page of the Annexure shall be signed and stamped by the authorized signatory.

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iv) **Other Documents** –

- a) Photo copy of GST Registration Certificate.
 - b) Photo copy of PAN Card.
 - c) Photo copy of IT Return for the last three financial years.
 - d) Photo copy of Trade licence
 - e) Photo copy of Credential certificate as mentioned in the item No. 2
 - f) Photo copy of ESI and PF registration certificate
 - g) They should have been active business in the last three years.
- v) BOQ (Schedule of Items) duly typed or clearly filled, signed and stamped by the authorized signatory.

ALL DOCUMENTS SUBMITTED SHOULD HAVE THE SIGNATURE, DATE AND SEAL OF THE AUTHORISED SIGNATORY.

Bid duly sealed and super scribed as **Bid for “Renovation and modification work to make an instrument room at Utility Building. .”**Duly sealed Bid Documents may be sent also to the **Despatch Section, Administrative cum Academic Complex, IISER Kolkata, Mohanpur – 741246** before the Bid opening date and time. Institute will not be liable or responsible for any postal delay.

Bids not submitted in the prescribed manner and without the desired documents shall be summarily rejected.

9. OPENING AND EVALUATION OF TENDER

- a) The Bidders or their authorized representatives may, if they so desire, be present at the opening of the Tenders at the time and date specified in the open tender.
- b) In the event of the specified date for the opening of Tender is declared a holiday or due to any circumstances, if the Tenders could not be opened on the specified date by the IISER Kolkata, the Tenders will be opened at the appointed time and location on the next working date.
- c) The envelope containing the Bid shall be opened on the prescribed date after opening the seal of outer cover. Eligibility related documents shall be evaluated and parties qualified/disqualified by the competent authority. Financial bid of qualified bidders shall then be opened at notified time, date and place in presence of bidders or their representatives.
- d) Incomplete, ambiguous and Conditional tender shall be rejected. If any Tender does not contain earnest money in the manner prescribed in the tender documents, then that tender will be rejected and the Bidders will be informed accordingly. All other valid Tenders shall be considered for further process.

10. RIGHT OF ACCEPTANCE

- a) The Institute is not bound to accept the lowest quoted rate of any item, because the quality of works vis-a-vis quoted rates shall be the main criteria in the selection of works by the competent authority.
- b) Canvassing in any form at any stage shall be a disqualification and the Institute reserves the right to reject the Tender of such party without assigning any reason.

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- c) The IISER Kolkata reserves the right to either accept or reject any or all the Tenders and accept the whole or any part of any Tender without assigning any reason. The competent authority on behalf of the Director, IISER-KOLKATA reserves to himself the right of accepting the whole or any part of the tender and the bidders shall be bound to perform the same at the rate quoted.
- d) Submission of a tender by a Bidders implies that he/she has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be executed and local conditions and other factors having a bearing on the execution of the works
- e) Any addendum so issued shall be part of the tender documents as well as Contract document and shall be communicated in writing or by email / fax to all the purchasers of the tendering documents. Prospective Bidders shall acknowledge receipt of each addendum by email / fax to the IISER, Kolkata. Original addendum issued by IISER, Kolkata duly signed should be submitted along with tender documents

11. COMMUNICATION OF ACCEPTANCE

Acceptance of terms and conditions of Tender by the Bidder shall be conveyed to IISER Kolkata by the way of signing and stamping the letter as per the format given in Annexure II. In the case of successful Bidders, acceptance of order shall be given to understand that the Bidders is willing and agree to execute the required quantity and quality of works during the validity period of Tender. No separate contract shall be signed.

12. TERMS OF EXECUTION

- a) Bidders have to ensure that the complete stock of materials, used in the work as per the standard laid down by the IISER Kolkata and BIS.
- b) The Bidders shall be responsible for all losses and damages from any cause whatsoever while the work is going on or are in the course of transact to the IISER Kolkata. The Bidders shall alone be responsible to make claim against transportation carrier or loss or damage of the goods. The cost of the transit insurance should be borne by the Contractor.
- c) Before Bidding, the Bidder(s) may visit the site, at their own cost, to satisfy themselves about the local conditions and constraints and other matters. The Bidder shall be presumed to have carefully examined Drawings, General Conditions, Technical Specifications, IS Specifications, BOQ etc. and to have fully acquainted themselves with all details of site location, work front, site constraints, communications, underground utility services, materials, labours, water supply position, electricity and any other general information pertaining to and needed for the work to be completed within stipulated period, and shall quote accordingly taking all these factors into account. No claim whatsoever on the ground of insufficient knowledge about the work site or local condition will be entertained.
- d) The time allowed for carrying out the work will be **21 days** from the date of start from the first date of handing over of the site.

13. INSPECTION OF PAPER

- a) The work made by the Bidders shall be physically verified as per the set norms by the Competent Authority of the IISER Kolkata. The decision of the Competent Authority of the IISER Kolkata shall be final and binding.
- b) The Bidder or their representative should also be present at the time of physical verification of materials. At the same time, materials shall be taken out at random for the testing.

- c) In case of any variation in quality or specifications in the supply, the complete stock of materials to be used in the work may be liable for rejection. In case of minor variations, IISER Kolkata may consider to accept the supplies after imposing appropriate penalties to be decided by the Director, IISER Kolkata.
- d) Bidders shall have to lift the rejected stock of materials at his own cost on “as is where is basis” within a period of 07 days. The Bidders shall have no claim on the rejected materials if the same is not lifted within a period of 07 days and thereafter.

14. PAYMENT

- a) Payment shall be made on Work Order basis only on satisfactory compliance of all the tender conditions stipulated and performance of the job satisfactorily and submission of bill by the firm.
- b) Proportionate amount from the bill shall be deducted if the contractor fails to comply with any of the responsibilities under the work order/ contract. Such amounts shall be decided by the IISER Kolkata and shall be binding on the contractor.

15. LIQUIDATED DAMAGE

For any delay in completion of the work beyond the stipulated period, liquidated damages @1% per week on contract sum shall be recovered from your bill subject to a maximum of 10% of contract sum.

16. ANNUAL TURN-OVER

They should have been active business in the last three years.

18. ARBITRATION CLAUSE:

- a. All disputes or differences arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the rules of Arbitration of the Indian Council of Arbitration and the award, made in pursuance thereof shall be binding on the parties.
- b. In event of any dispute the arbitration sitting shall be in Kolkata only. The courts of West Bengal only shall have jurisdiction to entertain the matter and not in any other place. The expenditure of arbitration if any will be equally borne by both the parties. However, the expenses incurred by each party in connection with the preparation, presentation etc. of its case prior to during and after the arbitration proceedings shall be bare by each itself

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ANNEXURE – II

ACCEPTANCE OF TERMS AND CONDITIONS BY THE BIDDER

To
The Director
IISER Kolkata
Mohanpur – 741246

Sub: Submission of Tender for the work of “Renovation and modification work to make an instrument room at Utility Building.”

NIT No. IISER-K/Civil/21-22/31 Date. 01.03.2022

Dear Sir,

With reference to your notice inviting tender, I/We hereby agree to the complete work detailed in the Annexure III or such portion thereof as you may specify in the acceptance of Tender at the price given in the Annexure III and agree to hold this offer open as per terms and conditions stated in Annexure I. I/We have understood the terms and conditions of the Tender as given in the Annexure-I (Clause 1 to 18) and accept the same. I/We have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature and quality of the work required and my/our offer is to execute the work strictly in accordance with the requirements.

It is certified that we have not been black-listed in any of the Government Department.

A NEFT/RTGS (No. _____ dated _____ drawn on _____
(Rupees _____) for Rs. _____) as **Earnest Money** is enclosed.

The following pages have been added to and form part of this Tender.

Signature with stamp

Date : _____

Place : _____

[SIGNATURE OF THE BIDDER]

Name of the firm: _____

Address: _____

DECLARATION FOR EXEMPTION OF EMD

**To
The Director
IISER Kolkata
Mohanpur - 741246**

Sub: Submission of Tender for the work of “Renovation and modification work to make an instrument room at Utility Building. .”

NIT No. IISER-K/Civil/21-22/31 Date: 01.03.2022

Dear Sir,

I/we shall be suspended for one year and shall not be eligible to bid for IISER Kolkata tenders from date of issuance of suspension order, in the following instances:

1. If after the opening of the tender, I/we withdraw or modify the bids during the validity period of tender specified in the tender document.
2. If, after the award of work, I/we fail to sign the contract, or to submit the performance security before the deadline in the NIT documents.

Signature with stamp

Date : _____
Place : _____

[SIGNATURE OF THE BIDDER]

Name of the firm: _____

Address: _____

B.O.Q

Name of work :- Renovation and modification work to make an instrument room at Utility Building.

It. No.	Sub-heads and items of work	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.				
	(a) Size of Tile 600x600 mm	23	sqm		
2	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	72	sqm		
3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	35	sqm		
4	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
	(a) Water thinnable cement primer	110	sqm		
5	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade:				
	(a) One or more coats on old work	75	sqm		
6	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
	Cement mortar 1:4 (1 cement :4 coarse sand)	19	sqm		

It. No.	Sub-heads and items of work	Qty	Unit	Rate (Rs.)	Amount (Rs.)
7	12 mm cement plaster of mix				
	1:6 (1 cement: 6 fine sand)	35	sqm		
8	Distemping with 1st quality acrylic washable distemper having VOC (Volatile Organic Compound) content less than 50 gms/per litre o f approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour .				
	Two or more coats on new work	32	sqm		
9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	(i) 15 mm nominal outer dia Pipes	4	mtr		
10	Providing and fixing brass bib cock of approved quality				
	15 mm nominal bore	1	each		
11	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)				
	25 mm nominal bore	1	each		
12	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :				
	Size 600x450x200 mm	1	each		

It. No.	Sub-heads and items of work	Qty	Unit	Rate (Rs.)	Amount (Rs.)
13	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	(a) 75 mm diameter metre	10	mtr		
14	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
	In cement mortar	0.5	cum		
15	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.				
	Fixed to steel windows by welding.	20	kg		
16	Providing and fixing colour anodised aluminium work for door shutter, frame made up with 1.5 mm thick aluminium tubular section 45 mm x 45 mm as vertical member, top and middle section - 50 mm x 45 mm, bottom section 100 mm x 45 mm and panel covered with 9 mm thick both side laminated particle board including rubber gasket, aluminium snap bidding and taper clip, with decorative aluminium handle, hydraulic door closer, neoprene gasket including locking arrangement, stainless steel hinge, screw etc all complete, anodisation coating grade should be AC-15 as per IS:1868-1996, shade as per instruction of the Engineer-in-charge.				
	i) Door shutter,Wndow (sliding/hinged).	3.1	sqm		
17	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				

It. No.	Sub-heads and items of work	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	0.15	cum		
18	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
	Thermo-Mechanically Treated bars of grade Fe-500D or more	12	kg		