

HOMI BHABHA CENTRE FOR SCIENCE EDUCATION

HBCSE

*National Centre of the Government of India for Nuclear Science & Mathematics
(Deemed to be University)*

V. N. Purav Marg, Mankhurd, Mumbai – 400 088.

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General Instructions for

**WATERPROOFING WORK OVER AUDITORIUM AND
CANTEEN BUILDING TERRACE, MAIN BUILDING,
AT HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, TIFR,
MANKHURD, MUMBAI – 400088.**

Date:18/05/2023

(TENDER NO: HBC/P&S/PUBLIC TENDER 02/2023)

SECTION 1: TENDER DETAILS

Ref:

Date: 18/05/2023

Name of the Work	Waterproofing Work over Canteen and Auditorium Terrace, Main Building, at Homi Bhabha Centre for science education, TIFR, Mankhurd, Mumbai – 400088.
Due date for receiving Quotation	25/05/2023 (upto 17.30pm)
Opening of Quotation (If sufficient bids will be received)	26/05/2023 (at 11.30am)
Time for Completion of Work	15 days from the date of issue of WO

Bids under Single Bid System are invited on behalf of Director, HBCSE Mumbai for award of contract for **‘Waterproofing Work over Auditorium and Canteen Building Terrace’** at HBCSE. The details of the tender including the scope of work, technical specification, drawings (if necessary) etc. is given in this tender document. All the prospective bidders are requested to go through the tender document before submitting their bids.

The Tender should be submitted in sealed envelopes duly super scribed with our Tender Enquiry No. and Due Date and with the heading **‘WATERPROOFING WORK OVER AUDITORIUM AND CANTEEN BUILDING TERRACE’** in bold letters., addressed to the Head Administration and Finance, Homi Bhabha Centre for Science Education, TIFR. Quotation sent by hand delivery/courier are to be deposited in the Tender Box kept at the Main Gate after obtaining stamp, date and signature of the Security Officer.

To assess the nature of job, bidder must visit the HBCSE site before bidding. Bidder may seek prior appointment for site visit. The contact person is Shri. S. D. Pardeshi (Tel No. 25072100/25072121, Email: sdp@hbcse.tifr.res.in). Tenders to be sent to:

Head, Administrative Operations

Homi Bhabha Centre for Science Education

V. N. Purav Marg, Near Anushakti Nagar Bus Depot, Mumbai – 400 088.

Bids sent by Fax/email shall be rejected straightway. The Centre Director, HBCSE reserves the right to accept/ reject the proposal either in part or in full without assigning any reasons.

Head, Administrative Operations

For and on behalf of Centre Director, HBCSE

SECTION 2: INSTRUCTIONS TO BIDDERS

A) General Instructions:

Bidder shall ensure that all documents are submitted with the Price bid. The bid should contain the following documents:

- i. Copy of PAN (Permanent Account Number) card.
- ii. Certificate of Registration for GST and Income Tax and acknowledgement of up to date filed return if required.
- iii. Annexures as per attached format.

B) Security Deposit: The tenderer, whose tender is accepted, will also be required to furnish by way of Security Deposit for fulfillment of his contract, an amount equal to **2.5%** of the tendered value of the work. For Successful tenderer the EMD shall be returned to the contractor, without any interest, after receiving of Performance Guarantee and for unsuccessful Tenderers EMD will be refunded after placing the order on successful tenderer. The successful tenderer shall permit HBCSE at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running bill. The Security Deposit shall be released after the period of 6 months reckoned from the date of completion as certified by Engineer.

C) Defect Liability period: One (1) Year from the satisfactory completion of work i.e. after issue of Final work completion certificate.

D) Acceptance of Tender: The competent authority, on behalf of Centre Director, HBCSE, Mumbai, does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all the tenders received, without assignment of any reason.

E) Contractor to depute his representative at site: The successful tenderer for the work should have responsible and responsive Supervisor with adequate powers to take speedy decisions during the entire period of execution at the Work place.

F) Compensation for delay: If the contractor fails to maintain the required progress in terms of contract or to complete the work and clear the site on or before the stipulated or extended date of completion, he shall, without prejudice to any other right or remedy available under the Law to the Govt. on account of such breach, pay as agreed compensation the amount calculated at **1.5% per month of delay to be computed on per day basis** on the amount of tendered value of the work for every completed day/month(as applicable) that the progress remains below that specified or that the work remains incomplete. Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed **10%** of the Work/Purchase Order value of work for which a separate period of completion is originally given.

G) Payments: No payment shall be made for work estimated to cost Rs. 20,000/- or less till after whole of the work shall have been completed and completion of certification given. For works estimated to cost over Rs. 20,000/- the interim or running account bill shall be submitted by the contractor for the work executed on the basis of such recorded measurement on the format of the Department in triplicate on or before the date of every month fixed for the same by the Engineer-in-charge. The contractor shall not be entitled to be paid any such interim payment if the gross work done together with net payment/ adjustment of advances for material collected, if any, since the last such payment is less than Rs 1,00,000/- in which case the interim bill shall be prepared on the appointed date of the month after the requisite progress is achieved. Engineer in-charge shall arrange to have the bill verified by taking or causing to be taken, where necessary, the requisite measurement of the work. In the event of the failure of the contractor to submit the bills, Engineer-In- charge shall prepare or cause to be prepared such bills in which event no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor. Payment on account of admissible shall be made by Engineer-In-Charge certifying the sum to which the contractor is considered entitled by way of interim payment at such rates as decided by the Engineer-in-charge. The amount admissible shall be paid by 10th working day after the day of presentation of the bill by the contractor to the Engineer in charge or his representative together with the account of the material issued by the department or dismantled material if any. In the case of work outside the headquarters of the Engineer in-charge, the period of 10 working days will be extended to 15 working days.

H) Completion Certificate: Within ten days of the completion of the work, the contractor shall give notice of such completion to the Engineer-in- Charge and within fifteen days of the receipt of such notice, the Engineer-in-Charge shall inspect the work, and if there is no defect in the work, shall furnish the contractor with a certificate of completion.

- I) **Guarantee/ Warranty:** Contractor shall be required to submit a guarantee bond for 1 year (as per the requirement of Centre) for all the water proofing works carried out by him, and contractor shall use the items of approved makes.
- J) **Tendered rates to cover overheads and profit:** The rates quoted shall also cover the cost of necessary protection including labour, safety, welfare, Insurance, tools, equipment, material, transport to ensure quality, safety and protection against risk or accident, compensation for injury to life and damage to property if any, caused by the contractor's operations connected with this work. The rates shall be firm and shall not be subject to change due to variations during the entire period of execution of the work in cost of materials, labour and conditions, or any other conditions. No separate claim on this account will be entertained by the Department.
- K) **If the bidder has already been awarded with any of the work value over 5 lakhs by the Centre in the past and the work is in progress at the time of receiving the enquiry, the bid submitted in that case will be rejected after taking into consideration the financial capability of the tenderer. Additional documents if any, to check the same may be asked by the centre at that time. Based upon which the decision made by the centre will be binding and acceptable to all the bidders. No further queries in this regard will be entertained.**



Terms & Conditions:

- A) Contractor to depute his representative at site:** The contractor should have responsible and responsive Supervisor with adequate powers to take speedy decisions during the entire period of execution at the Work place.
- B) Period of Completion: 15 Days** from the date of issue of Work Order
- C) Performance Guarantee:** Successful bidder has to submit a Performance Guarantee amount of 3% of the WO value, in the form of cheque or DD in the favour of 'HOMI BHABHA CENTER FOR SCIENCE EDUCATION' within 7 days of acceptance of Work Order. The PBG will be returned to the contractor post successful completion of work after deduction of losses to the property of client during work progress.
- D) Deviation and Time Extension:** The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, will be extended, if requested by the contractor, as follows:
- In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value, plus
 - 25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge.
- E) Determination of contract:** Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to his any other right or remedy against the contractor in respect of any delay, inferior workmanship, any claim for damages and /or any other provisions of this contract or otherwise, and whether the date for completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:
- If the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or unworkman-like manner shall omit to comply with the requirements of such notice for a period of 7 days thereafter.
 - If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-in-Charge (which shall be final and binding) he will be unable to secure completion of the work by the date for completion and continue to do so after a notice in writing of 7 days from the Engineer-in-Charge.
 - If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.
 - If the contractor persistently neglects to carry out his obligations under the contract and / or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.
 - If the contractor shall offer or give or agree to give to any person in HBCSE- TIFR or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for HBCSE-TIFR.
 - If the contractor shall obtain a contract elsewhere as a result of wrong tendering or other non-bonafide methods of competitive tendering.
 - If the contractor assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer-in-Charge. When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the Centre Director, HBCSE shall have powers:
 - To determine the contract as aforesaid (of which termination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence) upon such determination, the Security Deposit already recovered and Performance Guarantee under the contract, shall be liable to be forfeited, and shall be absolutely at the disposal of HBCSE-TIFR.
 - After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be unexecuted out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work.

viii. In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provisions aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

F) Payments: Payment will be released within 7-10 working days, after entire work completion only after the approval of Engineer-In-Charge. The interim payments required if any, can only be released, on the approval of Engineer-In-Charge.

G) Daily Work Progress Report: Proper day to day work progress report to be conveyed to Engineer- In- charge.

H) Contractor to keep site clean: When the works are carried out, the splashes and droppings from white washing, color washing, painting etc. on wall, floors, doors, windows etc. shall be removed and the surface cleaned simultaneously with the completion of these items of work in the individual rooms, quarters or premises etc. where the work is done without waiting for the actual completion of all the other items of work in contract. In case the contractor fails to comply with the requirements of this clause, the Engineer-in-Charge shall have the right to get this work done at the cost of the contractor either departmentally or through any other agency. Before taking such action, the Engineer- in-Charge shall give **10 days'** notice in writing to the contractor.

I) Security regulations: The contractors have to follow strictly the regulations of the Department at the work site regarding entry of personnel, material etc. and any other regulation that might be enforced from time to time. All materials and articles brought by the contractor to the work site shall have to be declared at the security gate. Similarly, no materials shall be taken out from the Departmental premises without proper gate pass, which will be issued by the Engineer-in-Charge to the contractor on written request. It is to be noted that loading of contractor's materials in vehicles and trucks shall be done in the presence of Departmental personnel.

J) Safety: All necessary safety measures have to be taken by the contractor to avoid any mishap. If unfortunately, any accident occurs, contractor will be sole responsible.

Bill of Quantity

Sl No.	Description of Items	Unit	Qty.	Rate	Amount
1	Waterproofing: Surface Preparation - The existing surface should be thoroughly prepared by cleaning, jet pressure washing, and removing dirt, oil, grease, and loose particles etc. The surface cracks of width less than 2mm should be thoroughly cleaned and filled with Dr. Fixit Prime seal or other approved equivalent and leave it till it gets dried. If the crack width is more than 2mm it should be V-groove cut and opened and filled with Dr. Fixit Pedicrete URP or other approved equivalent. Primer Application: In the ratio of 1:0.5 of Dr. Fixit Prime seal or approved equivalent with water should be machine mixed and applied with coverage of 7-8 Sqm. /litre and allowed to dry for 6-8 hours. 1st Coat: Apply Dr. Fixit New coat or approved equivalent chemical compound without dilution in one direction only with Brush or roller for even finish with coverage of about 2 Sqm. / litre and allow it to dry for 6-8 hours before applying next coat. 2nd Coat: Apply Dr. Fixit New coat or approved equivalent chemical compound without dilution in perpendicular direction with roller for even finish and allow it to dry for 6-8 hours. Curing: Complete curing should be done for at least 7-8 days. NOTE: 1. Other than above mentioned, any equivalent material can be used on site on prior approval of Engineer-In-Charge. 2. The methodology for application of Waterproofing treatment should be as per the approved material manufacturer's specifications and guideline and as per directives of Engineer-In-Charge. 3. Contractor needs to submit a warranty bond on stamp paper for 1 year after successful completion of work. No any additional charges will be paid for the same.	Sqm.	350		
	Total Rs.				
	Add: GST 18%				
	Total (Including GST) Rs.				

Amount (In Rupees) = Rupees _____ Only.

Seal & Stamp of Contractor

Annexure - I

CONTRACTOR DETAILS

Sr.No	Description	Details
1.	Name of tendering company/ firm	
2.	Name of directors	
3.	Full particulars of office	
A	Address	
B	Telephone no.	
C	E-mail address	
4.	Bank details	
A	Bank name & address:	
B	Account type:	
C	Account no:	
D	IFSC code:	
E	Email address:	
5.	Registration details :	
A	PAN NO. (attach copy of proof)	
B	GST REGISTRATION NO.(attach copy of proof)	
C	E.P.F. REGISTRATION NO.(attach copy of proof)	
D	E.S.I. REGISTRATION NO.(attach copy of proof)	
6.	Details of Registered /Branch Office in Mumbai. (attach copy of proof)	
7	Proof of Company registered under the Companies Act,2013 (attach copy of proof)	
8	Copy of the License under Contract Labour (Regulation and Abolition) Act. (attach copy of proof)	
9	ISO - 9001 certification. Copy of certificate has to be attached with the Technical Bid. (attach copy of proof)	
10	UNDERTAKING (To Be Given on Rs. 100 Non Judicial Stamp Duly Notarized for tenders value > 25 Lacs.)	

Signature and seal of Authorized Signatory of bidder

ANNEXURE – II
FINANCIAL DETAILS

Financial Year	Annual Turn Over in Indian Rupees (or equivalent to Indian Rupees) as per Audited Balance Sheet
2020-2021	Rs.
2021-2022	Rs.
2022-2023	Rs.

NOTE: The above data is to be supported by audited balance sheets and to be submitted with tender documents. Bidders if fails to submit the supporting documents, their corresponding tenders are liable to be get rejected.

(Attach copies of audited balance sheets duly certified by the chartered accountant for all three years. Audited Balance sheet should mention the membership number of chartered accountant issued by ICAI along with full address.)

Signature and seal of the Authorized Signatory of the bidder