

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.

Telephone: 022-25072100/25580036

E-mail: purchase@hbcse.tifr.res.in

Website: www.hbcse.tifr.res.in



General Instructions for

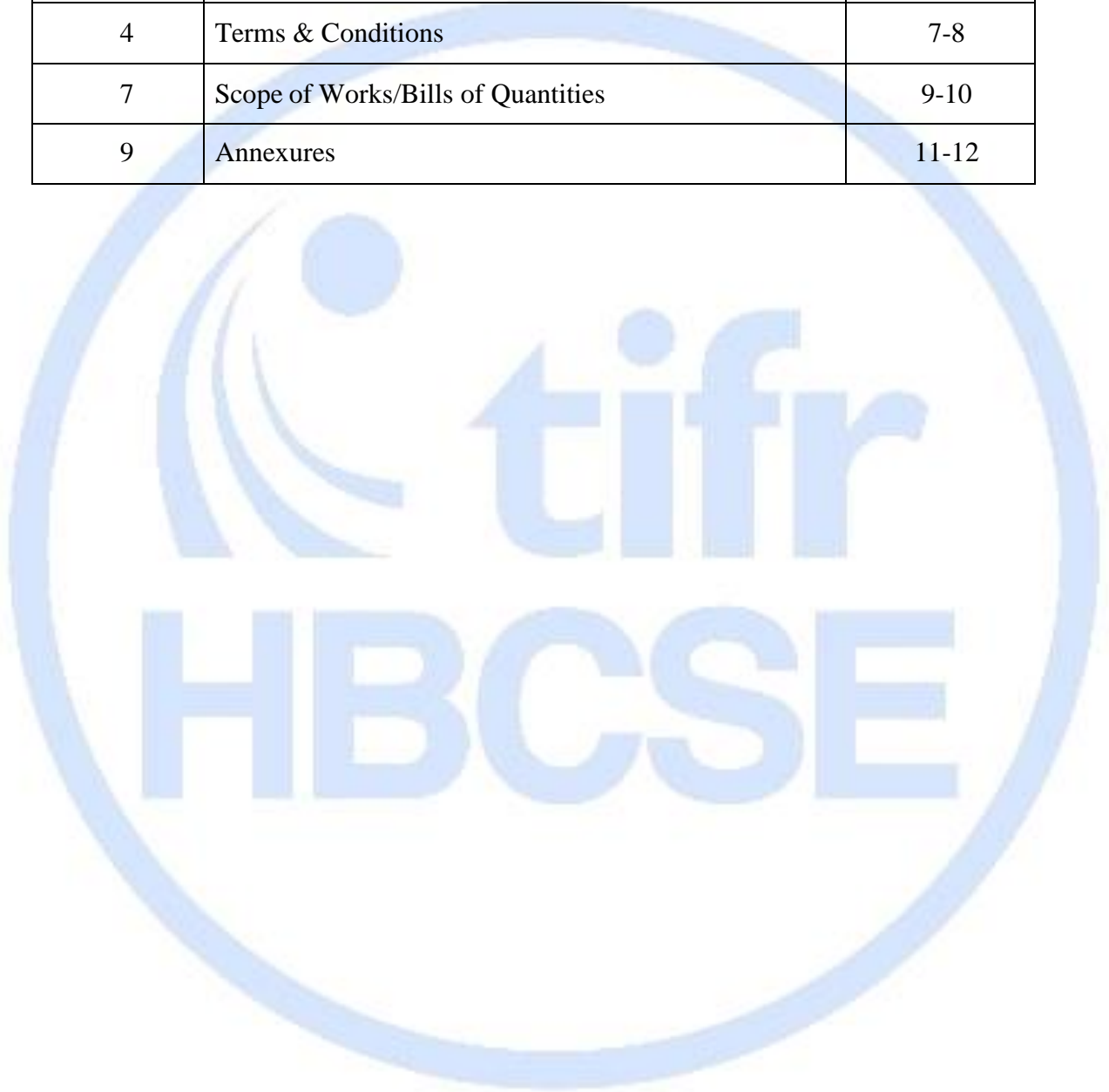
**PIPING SYSTEM LEAKAGE REPAIR WORK IN OLD GUEST HOUSE,
AT HOMI BHABHA CENTRE FOR SCIENCE EDUCATION, TIFR,
MANKHURD, MUMBAI – 400088.**

Date: 08 /08 /2023

(TENDER NO: HBC/P-S/PUBLIC TENDER/11/2023)

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SECTION 1: NOTICE INVITING TENDER

Ref: HBC/P-S/PUBLIC TENDER/11/2023

Date : August 8, 2023

Piping System Leakage Repair work in Old Guest House, at Homi Bhabha Centre for Science Education, TIFR, Mankhurd, Mumbai – 400088.	Rs. 6,30,500/- (incl. GST)
Earnest Money Deposit (EMD): Rs. 12,610/- (Rupees Twelve Thousand Six Hundred Ten only) by way of Demand Draft in favour of “HBCSE” payable at Mumbai. Alternatively, this amount can be remitted by bank transfer. The details are as follows: HBCSE-TIFR Non Plan A/C, Account No.:1038019943 Bank Address: Central Bank of India Jigna Apartment, Sion-Trombay Road, Mankhurd, Mumbai – 400 088 IFSC Code: CBIN 0282523.	

Tender documents can be downloaded from HBCSE website: www.hbcse.tifr.res.in/tenders or <https://eprocure.gov.in/epublish/app>

Tender should reach us before or on **August 18, 2023 by 02.30 PM (BID DUE DATE)**

Tender will be opened on **August 18, 2023 at 03.30 PM.**

Time of Work Completion: **Thirty (30) Days** after the date of issue of Work Order/ LOI/ PO

Bids under Single Bid System are invited on behalf of Centre Director, HBCSE Mumbai for award of contract for **Piping System Leakage Repair Work in Old Guest House** 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 ‘**PIPING SYSTEM LEAKAGE REPAIR WORK IN OLD GUEST HOUSE**’ in bold letters., addressed to the Head, Administrative Operations, 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 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: PRE-QUALIFICATION/ELIGIBILITY CRITERIA

Bidders are required to comply with the following eligibility criteria.

- a. Registration / empanelment with Government organizations like CPWD, MES, Railways, State PWDs etc. /Semi Government organizations, PSUs etc. / reputed private organizations in appropriate class and having experience in execution of similar nature of works.
- b. The contractor should have **zonal office** in **Mumbai/ Navi Mumbai/ Thane and nearby areas**.
- c. Annual turnover as per ITCC or profit & loss statement for the last 5 years. Average annual turnover for the last 3 financial years should be at least **Rs. 6,30,500/-** not having incurred any loss in more than 2 years during last 5 years ending 31March,2023.
- d. Experience of having successfully completed the following works (during last **Three** years ending 31 March,2023):
 - i. **One** similar order not less than Rs.**5,04,400/-**; Or
 - ii. **Two** similar works completed costing not less than Rs.**3,78,300/-** each; Or
 - iii. **Three** similar work completed costing not less than Rs.**2,52,200/-** each

Similar Works means the works of internal and external nature of all types of plumbing and repairing works of BOQ mentioned quantity at such heights as required in tender.

• **Notes:**

1. The above (Pre-qualification criteria) should be supported by relevant documentary evidence like copies of work orders and completion certificates issued by clients indicating the detailed scope of work covering the above aspects, value of work, completion/commissioning dates etc., in support of meeting all the qualification criteria given as above.
2. The certificates submitted, as evidence of works executed for private organization should be accompanied with TDS certificates. These certificates in addition to the certificates issued by the organization shall form the basis for considering experience of work executed for private organization.
3. Relaxation may be provided in above prequalification criteria for firms registered under MSME/ NSIC the decision of Centre in this regard will be final and binding to all participating contractors.
4. The offers of the Bidders not meeting the pre-qualifying requirements and not producing supportive documents are likely to be rejected.
5. HBCSE reserves the right to verify the documents/ information submitted or where inspect the installation done. The bidder shall provide necessary facilities for this purpose.
6. Even though the Bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of qualification requirements; and/or record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, in case of blacklisting by any PSU/Govt. body, or financial failures etc.

SECTION 2: INSTRUCTIONS TO BIDDERS

A) General Instructions:

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

- i. Copy of PAN (Permanent Account Number) card.
- ii. Copy of Aadhar Card of Owner/s of the firm.
- iii. Certificate of Registration for GST and Income Tax and acknowledgement of up to date filed return if required.
- iv. Annexures as per attached format and subsequent necessary supporting documents.

B) Earnest Money Deposit (EMD): An earnest money for Rs. 12,610/- i.e. 2% of the total estimated cost) has to be deposited in the form of Demand Draft, Fixed Deposit Receipt, Bankers cheque or through online transfer through bank (Bank details to be provided on demand) in favour of '**Homi Bhabha Centre for Science Education**' **Mumbai** along with the Bid. After online transfer of earnest money, the vendor should intimate us by email or proof of online transfer of EMD should be part of tender.

EMD shall be interest free and it will be refunded to the unsuccessful bidder without any interest. EMD will be forfeited if the bidder withdraws or amend impairs or derogates from the tender in any respect.

C) 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 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.

D) Defect Liability period: Six (6) Months from the satisfactory completion of work i.e. after issue of Final work completion certificate.

E) 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.

F) 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.

G) 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.

H) 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 15 working days will be extended to 30 working days.

- I) 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.
- 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: 30 Days** from the date of issue of Work Order
- C) Performance Guarantee:** Successful bidder has to submit a Performance Guarantee amount of **5% of the WO value**, in the form of cheque or DD in the favour of 'HOMI BHABHA CENTRE 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, 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 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 10-15 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. **Carting away the debris/ wastage and its disposal at appropriate location on approval of Municipal Corporation will be the responsibility of vendor only. No matters in this regard will be entertained by HBCSE.** 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 Centre's representative.

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.	Laying of Main GI supply line from Terrace: Supplying and laying of 'C'- class Galvanized Iron(GI) Heavy Duty pipeline of M/s. TATA, Jindal or equivalent standard approved make by Engineer-In-Charge(EIC) and its fixing at desired height and location on wall using Stainless Steel(SS) clamps & SS screws including its connections at every floor on one side of Gate valve (will be paid separately) all including drilling holes in walls, removal of existing GI connections on terrace and every floor level, all new connections in GI pipes to be included with threading, couplings, bends, T pipe at joints all these GI pipe fitting to be used should be of 'C'-class Heavy duty type of M/s. TATA, Jindal or equivalent approved make by EIC, & application of Teflon at every plumbing joints including necessary scaffolding inside the ducts, safety etc. complete as per instructions and directions of EIC. NOTE: Separate water supply lines should be laid for fresh water/soft water and well water/hardwater.				
a.	1" or 25mm GI Pipe from terrace to 1st floor bathroom level.	Rmt.	200.00		
b.	½" or 15mm GI Pipe from 1st floor bathroom level to ground floor bathroom & for floor level connections from down take pipe to Gate valve.	Rmt.	50.00		
c.	Wheel Operated ½" Gun metal Gate Valve of M/s. LEADER or equivalent approved make by EIC, Screwed in Bonnet, Inside screw, Non rising Stem Screwed female parallel threads to IS:554, with Class 1 pressure rating, testing standard IS:6157 and Design Std.: IS:778.	Nos.	80.00		
2.	Laying of New GI pipeline in Bathroom: Supplying and laying of 15mm or 1/2" dia. 'C'- class Galvanized Iron(GI) Heavy Duty pipeline of M/s. TATA, Jindal or equivalent standard approved make by Engineer-In-Charge(EIC) and its fixing at desired height and location on wall using Stainless Steel(SS) clamps at every 1.5' & SS screws including its connections with existing plumbing fixtures such as mixer taps, wash basin inlets, taps, overhead showers etc. or any other plumbing fixture all including making holes in walls for laying of pipes and filling the same post laying and finishing with White cement, connections in GI pipes with threading, couplings, bends, T pipe at joints all these GI pipe fitting should be of 'C'-class				

	Heavy duty type of M/s. TATA, Jindal or equivalent approved make by EIC, application of Teflon at every plumbing joints etc. complete as per instructions and directions of EIC. NOTE: separate water supply lines should be laid for fresh water/soft water and well water/hard water.	Rmt.	410.00		
3.	Painting on GI pipes: Providing and Painting old & new GI pipes and its fittings with two or more coats of Synthetic Enamel Paint of first quality and of approved colour, finish and make to give an even shade over a coat of Zinc Chromate (Anti-rust) primer including cleaning the surface by scraping and preparing the surface smooth, filling the crevices with approved filler including labour, material, wastage, cleaning etc. complete all as per instructions and directions of EIC.				-
a.	1" & ½" dia. GI pipe	Rmt.	660.00		
4.	Discontinuation of old UPVC piping system: Disconnection of main water supply for individual room using existing valves and discontinuation of all plumbing fixtures such as mixer taps, wash basin inlets, taps, overhead showers etc. or any other plumbing fixture in line with the existing concealed UPVC piping system and making dead ends by applying sufficient quantity of White cement paste at every individual point including cutting of existing UPVC pipe inlet point in connection with main old vertical down take distribution GI pipeline and fixing of end caps to completely isolate the old UPVC system in bathrooms. All including tools, adhesive solvents of standard approved make, labour, cleaning, etc. complete. as per instructions and directions of Engineer-In-charge.	Nos.	30.00		
	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. (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