

SITC of Central Drinking Water Plant for Old Boys Hostel, at AIIMS Jodhpur

N.I.T. No.	AIIMS-JDH/EE/ELECT/2024-25/06
NIT Issue Date	30th December 2024
Last Date of Online Submission of tender	13th January 2025 up to 03:00 pm
Date of pre bid meeting	6th January 2025 @3:00 PM
Bid Opening	13th January 2025

Tender Document may be downloaded from following websites

www.aiimsjodhpur.ac.in

<http://eprocure.gov.in>,

tenders.gov.in



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Executive Engineer (E)
AIIMS, Jodhpur

NOTICE INVITING TENDER

S.No.	Particular	Remarks
1	Name of work	SITC of Central Drinking Water Plant for Old Boys Hostel, at AIIMS Jodhpur.
2	Tender No.	AIIMS-JDH/EE/ELECT/2024-25/06
4	Total estimated cost for One years	INR ₹ 17,14,644/-
5	Earnest Money Deposit (EMD)	Rs. 34,300/-
6	Performance Guarantee	@5% of contract value
7	Security Deposit	@2.5% of billing amount
8	Tender documents	Download from following websites: www.aiimsjodhpur.edu.in https://eprocure.gov.in
9	Pre-bid meeting	6th January 2025, @ 3:00 PM At Conference Room, Ground Floor, Medical College, AIIMS-Jodhpur
10	Last date and time of online submission of tender	13th January 2025, upto 03.00 PM
11	Last Date of Submission of hardcopy in original of EMD	13th January 2025 upto 03.00 PM
12	Website for online submission of tender	https://eprocure.gov.in/eprocure/app .

Executive Engineer (E)
AIIMS, Jodhpur

Definitions:

- (i) “Client” means The Executive Director, AIIMS- Jodhpur.
- (ii) “Institute” means All India Institute of Medical Sciences, Jodhpur
- (iii) “Engineer-In-Charge” means Executive Engineer (Civil), AIIMS- Jodhpur.
- (iv) “Contractor / service provider / bidder” means the individual or the firm providing operation and maintenance services incorporated in the contract
- (v) “e-Tender” means Tender received from a Firm / Tenderer / Bidder.
- (vi) “e-Tenderer” means Bidder/ the Individual or Firm submitting Bids / Quotation / Tender
- (vii) “Goods” means the articles, material, fixtures, raw material, spares, instruments, machinery, equipment, industrial plant etc. which the contractor is required to be installed under the contract.
- (viii) “Work” means Work for establishing OT Store and Extension of Blood Bank in Old CSSD Area of D&T OT Building at AIIMS Jodhpur.
- (ix) “Earnest Money Deposit” (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- (x) “Contract” means the written agreement entered into between the Client and/or Contractor/ together with all the documents mentioned therein and including all attachments, annexure etc. therein.
- (xi) “Performance Guarantee or PG” means monetary or financial guarantee to be furnished by the successful tenderer for due Performance of the contract placed on it.
- (xii) “Security Deposit” means the amount deducted from the respective bills for works.
- (xiii) “Specification” means the document/standard that prescribes the requirement with which goods or service has to conform.
- (xiv) “Inspection” means activities such as measuring, examining, testing of the product or service and comparing the same with the specified requirement to determine conformity.
- (xv) “Day” means calendar day.

Abbreviations:

- (i) “TE Document” means Tender Enquiry Document
- (ii) “NIT” means Notice Inviting Tenders.
- (iii) “EMD” means Earnest Money Deposit
- (iv) “GCC” means General Conditions of Contract
- (v) “SCC” means Special Conditions of Contract
- (vi) “TS” means Technical Specifications
- (vii) “NSIC” means National Small Industries Corporation
- (viii) “LSI” means Large Scale Industry
- (ix) “SSI” means Small Scale Industry
- (x) “PBG” means Performance Bank Guarantee
- (xi) “GST” means Goods and Services Tax
- (xii) “FOR” means Free on Rail
- (xiii) ” MOH&FW” means Ministry of Health & Family Welfare, Government of India
- (xiv) “EOT” means Extension of Time

Instructions for the Bidder/ The service provider/ Bidders: -

All India Institute of Medical Sciences (AIIMS), Jodhpur, Rajasthan, an apex healthcare institute established by an Act of Parliament of India under aegis of Ministry of Health & Family Welfare, Government of India calls for tender for **SITC of Central Drinking Water Plant for Old Boys Hostel**, at AIIMS, Jodhpur.

1. Bids shall be submitted online only at CPPP website:

<https://eprocure.gov.in/eprocure/app>.

2. The complete bidding process is online. Bidders should be in possession of valid digital Signature Certificate (DSC) of class II or III for online submission of bids. Prior to bidding DSC needs to be registered on the website mentioned above. For any assistance for the e-bidding process, if required, the bidder may contact the helpdesk at 0291-2740741.

3. Bidder/service provider are advised to follow the instructions provided in the ‘Instructions to the service providers/Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement at <https://eprocure.gov.in/eprocure/app>’.

4. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

5. **Criteria of eligibility:** Bidder must fulfill the following requirements at **A or B** in the last 7 years shall be eligible to apply. Joint ventures are not accepted.

“Similar works means SITC of RO plant (which may or may not include civil work).”

A. Should have satisfactorily completed similar works of mentioned below amount till starting date of of this tender:-

One similar completed work of annual value Or	80% of the total estimated cost
Two similar completed works each of annual value Or	60% of the total estimated cost
Three similar completed works each of annual value	40% of the total estimated cost

Note: The completion certificate is to be attached mandatorily.

OR

B. Shall be Authorized dealer of Zero B / Eureka Forbes / Ion Exchange / USHA.

a) Satisfactory job completion certificate certifying the detailed scope of work handled must be submitted/attached with the tender. The bidder must have completed similar works in the last seven years and work should be completed by the starting date of this NIT with a Government / Semi-government organization. **(Fill details Annexure-III).**

6. **Earnest Money Deposit:** The EMD amounting to Rs. 34,300/- shall be deposited in favor of “**All India Institute of Medical Sciences, Jodhpur**”, Payable at Jodhpur. The EMD will be allowed with validity up to 180 days and of any Scheduled Bank or the State Bank of India in accordance with the appropriate Performa. The Firm who are registered with Micro Small Medium Enterprises (MSME) / National Small Industries Corporation (NSIC) / OR Small Scale Industries (SSI) are exempted to submit

the EMD only (Copy of registration must be provided along with technical bid). No other relaxation shall be allowed. The EMD, in case of unsuccessful Bidders shall be retained by AIIMS, Jodhpur till the acceptance of the tender. No interest will be payable by AIIMS, Jodhpur on the EMD.

** The Hard Copy of original instruments in respect of earnest money deposit must be delivered to the AIIMS, Jodhpur on or before the last date of submission of bid. The bid submitted without EMD will be summarily rejected.*

7. Bidder should have an **Average Annual Financial Turnover equal to 100%** of the total estimated cost of during the last three consecutive financial years ending till 31st March 2024.. **(Scanned copy of Certificate from Chartered Accountant with Unique Document Identification Number (UDIN) to be uploaded).**

8. Bidders are recommended to visit the site at AIIMS Jodhpur before quoting the rates. No claim whatsoever will be entertained in this regard.

9. **Submission of Tender:**

The tender shall be submitted online in two part, viz., technical bid and financial bid. All the pages of bid being submitted must be signed and sequentially numbered by the bidder irrespective of the nature of content of the documents before uploading.

✓ **The offers submitted by email or any other media shall not be considered. No correspondence will be entertained in this matter.**

I. **Technical Bid**

The following documents are to be furnished by the bidder along with **Technical Bid** as per the tender document:

- Proof of EMD submitted or exemption under MSME registration.
- Copy of Documents as per requirements of A or B (Ref. Clause-5: Criteria of eligibility)
- Copy of annual financial turnover for last Three consecutive financial years duly authorized by CA.
- Copy of GST registration certificate.
- Certificates as per Annexure-I to VI.

II. **Financial Bid**

Price bid Form [As per BoQ] - Price must be quoted as per format specified failing which tender shall be summarily rejected.

Executive Engineer (E)
AIIMS, Jodhpur

ACCEPTANCE OF TENDER

TENDER NOTICE NO: AIIMS-JDH/EE/ELECT/2023-24/06

SITC of Central Drinking Water Plant for Old Boys Hostel, at AIIMS Jodhpur.

T E N D E R

I/We have read and examined the Notice Inviting Tender, General Conditions of Contract, Special Conditions of Contract, Scope of Work, Annexure-I to VI and Annexure “A”.

We agree to keep the tender open for from the due date of its opening of technical bid and not to make any modification in its terms and conditions.

If I/We fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that the Executive Director, AIIMS, Jodhpur or his successors, in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/ We agree that the Executive Director, AIIMS, Jodhpur or the successors in office shall, without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in all the conditions of the tender form. Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work. I/We undertake and confirm that eligible similar work(s) has/have not been executed through another contractor on a back to back basis. Further that, if such a violation comes to the notice of the Department, then I/ We shall be debarred for tendering in AIIMS, Jodhpur in future forever. Also, if such a violation comes to the notice of the Department before the date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee. I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated
Witness:

Signature of Contractor:
Postal Address:
Address:
Occupation:

General Terms and Conditions

- 1. Rate:** Rates to be quoted as per Financial Bid (BoQ) considering costs of all required works, minimum wages for labour and all their benefits and deductions. The rates shall be quoted only in the schedule of quantities attached with the tender and nowhere else i.e. letterheads, etc.
- 2. Validity:** The quoted rates and EMD must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain unchanged during the period of validity. If the bidder quoted the validity shorter than the required period, the same will be treated as unresponsive and it may be rejected. In case the tenderer withdraws, modifies or changes his offer during the validity period, bid is liable to be rejected and the earnest money deposit shall be forfeited without assigning any reason thereof. The bidder should also be ready to extend the validity, if required, without changing any terms, conditions etc. of their original tender. In case the last date of sale / of receipt of tender / of opening the tender is declared as Holidays, the respective dates shall be treated as postponed to the next working day accordingly.
- 3. Technical Evaluation:**
 - a. Detailed technical evaluation shall be carried out by Institute pursuant to conditions in the tender document to determine the substantial responsiveness of each tender. For this clause, the substantially responsive bid is one that conforms to all the eligibility and terms and conditions of the tender without any deviation.
 - b. The Institute's determination of bid's responsiveness based on the contents of the bid itself without recourse to extrinsic evidence. The Institute shall evaluate the technical bids also to determine whether they are complete, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are in order. The Executive Director, AIIMS, Jodhpur shall have right to accept or reject any or all tenders without assigning any reasons thereof.
- 4. Financial Evaluation:**

After due evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the lowest evaluated responsive tenderer on a composite basis. Conditional bid/s will be treated as unresponsive and will be rejected.
- 5. Right to issue and to accept or reject any or all tenders without assigning any reason thereof is reserved by the Competent Authority.**
- 6. Award of Contract:** The Institute shall consider placement of orders for jobs on those bidders whose offers have been found technical and financially acceptable. The Institute reserves the right to counter offer price(s) against price(s) quoted by L1 bidder.
- 7. Signing of Contract:** The successful bidder shall be required to execute the Contract Agreement accepting all terms and conditions stipulated herein on a non-judicial stamp paper of **appropriate value** within **fifteen days** of the issue of the Letter of notification of award along with performance security. In the event of failure on the part of the successful bidder to sign the Contract within the period stipulated above, the EMD shall be forfeited and the acceptance of BID shall be considered as canceled.
- 8. Performance bank guarantee:**
 - a. Performance guarantee of the contract in accordance with all the terms and conditions specified in the tender, the successful tenderer / contractor shall furnish a Performance bank guarantee **@ 5% of order value** in the form of Fixed Deposit Receipt or Bank Guarantee (as per attached format) from any Nationalized Bank duly pledged in the name of the "All India Institute of Medical Sciences, Jodhpur".
 - b. AIIMS-Jodhpur shall have the right to encash the PBG for non-compliance of any or all the terms

and conditions of the tender / contract and to recover any Liquid Damages and penalties under the contract as well as against defects in the any of the work as enumerated in the tender / contract.

c. Refund of PBG- The validity of the PBG shall have to be kept valid for the complete period as per contract and will be refunded after completion of work /contract with issuance of completion certificate from Engineer-incharge.

9. Security deposit:

- **Security Deposit @2.5%** of billing amount will be deducted from the bill of the Contractor or Contractor may submit Bank Guarantee against @2.5% of billing amount as per consent of E-I-C for the works.

- **Refund of Security deposit:** The amount deducted from contractor's bill/s as security deposit shall be refunded after completion of warranty period of **one year**, all type of contractual liability of the contractor and clearance from the Engineer-In-Charge. *No interest will be paid on account of Security deposit by the institute.*

10. Authority of person signing document: A person signing the tender form or any documents forming part of the contract on behalf of another shall be deemed responsible, that he has authorize to bind the same and if, on enquiry, it appears that the person so, signing had no authority to do so, the Executive Director, AIIMS, Jodhpur may without prejudice to other Civil and criminal remedies cancel contract and held the signatory liable for all cost and damages.

11. Right of acceptance: The Executive Director, AIIMS, Jodhpur reserves the right to accept the whole or any part or portion of the bid; and the bidder shall provide the same at the rates quoted. The Director, AIIMS, Jodhpur reserve the right to reject any or all tenders /quotations or all offers received in response to the tender or cancel or withdraw the tender notice without assigning any reason thereof and also does not bind itself to accept the lowest quotation or any tender and no claim in this regard shall be entertained. Right to issue and to accept or reject any or all tenders without assigning any reason thereof is reserved by the Competent Authority.

12. Breach of Terms and Conditions: In case of breach of any terms and conditions as mentioned in tender, the Competent Authority, will have the right to reject the bid at any stage without assigning any reason thereof and nothing will be payable by AIIMS, Jodhpur in that event the bid shall also stands forfeited.

13. Insolvency etc.: In the event of the firm being adjudged insolvent or having a receiver appointed for it by a court or any other order under the Insolvency Act made against them or in the case of a company the passing any resolution or making of any order for winding up, whether voluntary or otherwise, or in the event of the firm failing to comply with any of the conditions herein specified AIIMS, Jodhpur shall have the power to terminate the contract without any prior notice.

14. After the evaluation of the bid(s) AIIMS, Jodhpur will award the contract to the lowest evaluated responsive bidder on a composite basis. Conditional bids will be treated as unresponsive and will be rejected.

15. Applicable Law:

- The contract shall be governed by laws and procedures established by Govt. of India, within the framework of applicable legislation and enactment made from time to time concerning such commercial dealings/ processing.

- The contractor shall follow all the government labour laws, minimum wages, labour safety, labour

insurance etc.

- Any disputes are subject to exclusive jurisdiction of competent court and forum in **Jodhpur, Rajasthan, India** only.
- The Arbitration shall be held in accordance with the provision of the Arbitration and conciliation (Amendment) Act 1996 and the venue of arbitration shall be at Jodhpur. The decision of the Arbitrator shall be final and binding on both the parties.
- Force Majeure: Any delay due to Force Majeure will not be attributable to the service provider.

16. The rates shall be quoted only in the BOQ (schedule of quantities) attached with the tender in MS-Excel format and nowhere else. Rates quoted by the bidder shall be inclusive of GST. Bidder shall submit a GST invoice for payment after completion of the work..

17. Guarantee / Warranty Period: The contractor have to provide the warranty / DLP of machinery for one year (SD) including all consumables

18. Any information / document required for verification shall be provided by the bidder.

19. Contractor shall be fully responsible for any damages caused to the government. property or allottees property by his or his labour in carrying out the work and shall be rectified by the contractor at his own cost.

20. Liquidated Damage: - If the supplier fails to execute the work on or before the stipulated date, then a penalty @ 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.

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Special Conditions of Contract

1. The Contractor has to ensure safety and provide adequate supervision/precautions and shall ensure that the workmen engaged by him are professionally competent and have the required expertise to carry out the intended maintenance.
2. During working at site, some restrictions may be imposed by Engineer-in-Charge/ Security staff of Institute or Local Authorities regarding safety and security etc., the contractor shall be bound to follow all such restrictions/instruction & nothing extra shall be payable on this account & no claim for delay on this account shall be entertained.
3. The tender shall be based on Conditions of Contract and bidders are required to quote their own rates against each item in the schedule of quantities (B.O.Q), which is enclosed. All rates shall remain firm for the contract period/extended contract period.
4. Stipulated time to complete the work is 60 days from the date of issue of work order.
5. If the contractor fails to proceed with the work within the stipulated time as specified from the date of issue of work order to proceed with the work, it shall be treated as failure on the part of the Contractor to discharge the Contractual obligations which may result in termination of the contract and forfeiture of the bank guarantee.
6. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall not be allowed to erect any temporary set up for staff in the campus.
7. No claims of the labours shall be entertained by the department including that of providing employment, regularisation of services etc.
8. Staff employed by the contractor should be well behaved, polite & courteous. Any complaint against staff should be taken very seriously and such staff should be removed by the contractor immediately from the site and replacement shall be provided immediately.
9. The contractor shall make all safety arrangements required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. AIIMS Jodhpur will not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained / accepted by the AIIMS Jodhpur. Also, the Contractor is responsible for the damage caused to any man/material/ Govt. property by his or his labour during execution of work and this should be rectified by the contractor at his own cost.
10. For non-compliance or partial compliance of satisfactory execution of items, the Engineer-in-charge reserves his rights to levy compensation in accordance with the scale of non-conformity and the period for which this non-conformity continues.
11. In the case of discrepancy between the schedule of quantities, the Specifications and/or the Drawings, the following order of preference shall be observed: - (a) Description of schedule of quantities (B.O.Q). (b) General rules & Directions and General Conditions/ Special Conditions/CPWD Specifications. (c) Indian standards specifications/BIS. (d) Any reference made to any Indian standards specifications in these documents, shall imply to the latest version of that standard, including such revisions/amendments as issued by the Bureau of Indian Standards up to the last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian Standards applicable to the work at site. (e) If there are varying or conflicting provisions made in any one document forming Part of contract, Engineering In-charge shall be deciding authority and regard to the intention of the document, his decision shall be final and binding on the Contractor.

12. Payment will be made on submission of original tax invoice along with all necessary documents by the vendor after verification of work done by the vendor, from AIIMS Authorities.
13. The contractor will be fully responsible for the safety of their workers, stocks, furniture, fixtures, machines and equipment etc. AIIMS Jodhpur will not be responsible/liable for any damages caused to the contractor by any way including theft & fire etc. and no such claim to compensate any such damages will be entertained by AIIMS Jodhpur. The contractor shall be responsible for any loss/theft/pilferage or damage to the properties belonging to AIIMS Jodhpur, caused by their employees/staff negligence and will pay/compensate to AIIMS Jodhpur or allow the amount of loss sustained by the AIIMS, Jodhpur, to be deducted from any such amount found due to the contractor. The responsibility for any such theft or loss or damages/ pilferage shall have to be decided on the finding of the inquiry committee, to be constituted for this purpose by the AIIMS Jodhpur. If considered necessary, AIIMS Jodhpur will also be free to take up the matter with the police for proper investigations/ action and recovery of loss due to such theft/ pilferage and damages etc.
14. All tools including specialized tools needed for the purpose will be arranged by the Contractor and no extra payment on this account will be made.
15. Bidders are suggested to visit the site before bidding. It will be automatically understood that the bidder has visited the site before quoting the price.
16. Rejected materials shall have to be removed by the contractor at his own cost within three days of completion of work.
17. **Civil works:-**
CPWD GCC (General Conditions of Contract) maintenance works 2023 is applicable for all the civil works.

Scope of Work

Air Conditioning Work

S. No.	Detail of Item	Make	Unit	Qty.
1	SITC of Water Cooler of 400L (SS Body) capacity having at least cooling capacity of 150 LPH	Usha / Blue Star / Voltas / Zero B / Eureka Forbes	nos.	2
2	SITC of RO water purifier unit having following specifications: -minimum 150 LPH output purified water flow rate -at least 55% Recovery of pure water -upto 95% rejection of salts -Digital indicators for monitoring water TDS, cartridge life, - Having an inbuilt booster pump with a digital TDS controller..	Zero B/ Eureka Forbes / Ion Exchange / Kent	nos.	2
3	SITC of Antiscalant dosing system having a 50 Liter of Dosing Tank, 5L Can of spare antiscalant chemical with suitable dosing pump (supply of 10Kg Antiscalant chemical is also included).	Any Reputed ISI make	nos.	1
4	SITC of Inline UV lamp (SS 304 body) having capacity of 20-30 Watt and suitable for 150 LPH (including suitable adapter and power cable)	Philips, Eureka Forbes or equivalent	nos.	4

Electrical Work

S. No.	Detail of Item	Make	Unit	Qty.
1	Supplying and fixing following way surface / recess mounting, vertical type, 415V, TPN MCB distribution board of sheet steel, dust protected, duly power painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs & incomer) 4 way (4+12), double door	Legrand / ABB/ Hager / L&T	each	1
2	Supplying & fixing 5A to 32A rating, 415VAC, 10kA, "C" curve, miniature circuit breaker suitable for inductive load of following pole in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole	Legrand / ABB/ Hager / L&T	each	10

3	Supplying and Fixing following rating, four pole, 40A 415V, isolator in the existing MCB DB complete with connections, testing, commissioning etc, as required	Legrand / ABB/ Hager / L&T	each	2
4	Wiring for circuit/submain along with earth wire with following size FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit as required. 2x 4 sq.mm + 1x 4sq mm earth wire	Wire-RRKabel/ Polycab / Finolex. Conduit-AKG / BEC /Precision / Polycab.	each	70
5	Supplying and Fixing of GI/PVC box along with modular base and cover plate for modular switches in recess etc. As required. 3 Module(100mm x 75mm)	Northwest / Legrand / MK / Hager	each	8
6	Supplying and fixing following size modular switch / socket on existing modular plate & switch box including connection but excluding cover plate etc. as required 15/16 A Switch	Northwest / Legrand / MK / Hager	each	10
7	6-pin 15/16A socket outlet	Northwest / Legrand / MK / Hager	each	10
8	Supplying and fixing Recirculation and water feeding Pump (0.25 HP- 1 HP) as required on site.	Kiroskar /Johnson or Equivalent	each	5
9	Providing & Laying P.V.C. insulated & P.V.C sheathed Un-armoured, copper cable of 1.1KV grade for electrical Works in existing PVC pipe /open duct including making necessary connection with suitable size brass compression glands & ring type copper lugs, testing etc. as required of size-3Cx6sqmm	PolyCab/ Finolex/ RR Kable	meter	50

Civil Works

S. No.	Detail of Item	Unit	Qty.
A	Plumbing work		
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and 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. Exposed on wall complete in all respect at all heights.		
1.1	50 mm nominal dia Pipes	20	meter
1.2	40 mm nominal dia Pipes	325	meter
1.3	25 mm nominal dia Pipes	25	meter
1.4	20 mm nominal dia Pipes	25	meter
2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :		
2.1	50 mm nominal bore	3	nos.
2.2	40 mm nominal bore	25	nos.
3	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :25 mm nominal bore	1	nos.
4	Providing and fixing ball valve (brass) of approved quality, High or low pressure, complete :20 mm nominal bore. Zoloto	10	nos.
5	Providing and placing on terrace (at all floor levels) polyethylene triple layered water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes with all connection fittings with tank and without the base support for tank.	500	Per liter
6	Providing and fixing single lever sink mixer of swan neck (table mounted) with 235 mm (9") long swivel spout and 450 mm long braided connection pipe of approved quality conforming to IS:8931, 15 mm nominal bore: Cera Cat. No. F1021551 or equivalent.	10	Each
7	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe : 32 mm	10	Each
8	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :610x510 mm bowl depth 200 mm without drainboard of approved make and as per direction of engineer-in-charge.	10	Each

9	Providing and fixing SS grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	10	Each
B	Masonry work		
10	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and pre polished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, edge moulding and polishing of edges to give high gloss finish etc. complete at all levels: Granite stone slab of colour black, Cherry/Ruby red ,Area of slab above 0.50 sqm	50	sqm
11	Extra for fixing marble /granite stone, over and above corresponding basic item with edge moulding, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	45	meter
12	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for sink mixer of table mounted etc. including moulding, rubbing and polishing of cut edges etc. complete.	10	each
13	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	2	cum
14	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	15	sqm
15	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	30	sqm
16	Disposal of dismantled tiles/ building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means at all heights including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond the campus area, from all heights of building.	5	cum
17	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on the negative side. The crystalline slurry shall		

	be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.		
17.1	For horizontal surface one coat @1.10 kg per sqm.	30	sqm
18	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)	40	sqm
19	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all heights level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	10	cum
C	Iron Work		
20	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works at all heights as per directions of Engineer in-charge.	300	kg
21	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc,complete in all respect. Hot finished welded type tubes at all heights as per directions of Engineer in-charge.	300	kg
22	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia. 4mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade at all heights as per directions of Engineer in-charge.	45	sqm
23	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required at all heights as per directions of Engineer in-charge.	35	sqm

Annexure "A"
Schedule of Rates (SOR)

Sr. No.	Detail of Item	Make	Unit	Qty.	Estimated Rate (Including GST)	Total Estimated Amount (Including GST)
Part A - (Air Conditioning and Refrigeration work)						
1.	SITC of Water Cooler of 400L (SS Body) capacity having at least cooling capacity of 150 LPH	Usha / Blue Star / Voltas / Zero B / Eureka Forbes	nos.	2	₹ 83,800.00	₹ 167,600.00
2.	SITC of ECO Smart RO water purifier (inbuilt UV and filters) having least capacity of 150 LPH should have inbuilt digital TDS meter and controller	Zero B/ Eureka Forbes or equivalent	nos.	2	₹ 119,000.00	₹ 238,000.00
3.	SITC of Antiscalant dosing system having a 50 Liter of Dosing Tank, 5L Can of spare antiscalant chemical with suitable dosing pump (supply of 10Kg Antiscalant chemical is also included).	Any Reputed ISI make	nos.	1	₹ 30,000.00	₹ 30,000.00
4.	SITC of SS 304 body, Inline UV lamp having capacity of 20-30 Watt (including suitable adapter and power cable)	Philips, Eureka Forbes or equivalent	nos.	4	₹ 13,000.00	₹ 52,000.00
5.	Supply & fixing of External thermal closed-cell Nitrile rubber Insulation material FM/UL approved with high water vapor diffusion resistance and low thermal conductivity should be certified 'Class O' in Fire Propagation as per BS 476 Part 6 in form of sheet on duct including cost of adhesive (CPRX Compound) complete as required. All as per pre approved by the Engineer in charge. having 13mm thick for Outdoor Application with 26 SWG Aluminium Cladding	Armaflex / Aeroflex/ K Flex/ Eurobatex/ Superlon/ A Flex	Sqm	60	₹ 1,148.00	₹ 68,880.00
Total of A part (air conditioning and refrigeration work) including GST						₹ 556,480.00

Part B - (Electrical Work)						
1.	Supplying and fixing following way surface / recess mounting, vertical type, 415V, TPN MCB distribution board of sheet steel, dust protected, duly power painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs & incomer) 4 way (4+12), double door	Legrand / ABB/ Hager / L&T	each	1.00	4349.96	4350
2.	Supplying & fixing 5A to 32A rating, 415VAC, 10kA, "C" curve, miniature circuit breaker suitable for inductive load of following pole in the existing MCB DB complete with connections, testing and commissioning etc. as required. Single Pole	Legrand / ABB/ Hager / L&T	each	10.00	272.20	2722
3.	Supplying and Fixing following rating, four pole, 40A 415V, isolator in the existing MCB DB complete with connections, testing, commissioning etc, as required	Legrand / ABB/ Hager / L&T	each	2.00	1031.40	2063
4.	Wiring for circuit/submain along with earth wire with following size FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit as required. 2x 4 sq.mm + 1x 4sq mm earth wire	Wire- RRKabel/ Polycab / Finolex. Conduit- AKG / BEC /Precision / Polycab.	each	70.00	355.14	24860
5.	Supplying and Fixing of GI/PVC box along with modular base and cover plate for modular switches in recess etc. As required. 3 Module(100mm x 75mm)	Northwest / Legrand / MK / Hager	each	8.00	347.70	2782

6.	Supplying and fixing following size modular switch / socket on existing modular plate & switch box including connection but excluding cover plate etc. as required 15/16 A Switch	Northwest / Legrand / MK / Hager	each	10.00	165.87	1659
7.	6-pin 15/16A socket outlet	Northwest / Legrand / MK / Hager	each	10.00	209.47	2095
8.	Supplying and fixing Recirculation and water feeding Pump (0.25 HP- 1 HP) as required on site.	Kiroskar /Johnson or Equivalent	each	5.00	6490	32450
9.	Providing & Laying P.V.C. insulated & P.V.C. sheathed Un-armoured, copper cable of 1.1KV grade for electrical Works in existing PVC pipe /open duct including making necessary connection with suitable size brass compression glands & ring type copper lugs, testing etc. as required of size- 3Cx6sqmm	PolyCab/ Finolex/ RR Kable	meter	50.00	719.8	35990
Total of Part B Electrical Work including GST						₹ 108,969.81

Part C - (Civil Work)					
Sr. No.	Detail of Item	Qty.	Unit	Estimated Rate (Including GST)	Total Estimated Amount (Including GST)
A	Plumbing work				
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and 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. Exposed on wall complete in all respect at all heights.				
1.1	50 mm nominal dia Pipes	20	meter	934.15	18683
1.2	40 mm nominal dia Pipes	325	meter	702.95	228459
1.3	25 mm nominal dia Pipes	25	meter	401.55	10039
1.4	20 mm nominal dia Pipes	25	meter	335	8375
2	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				

2.1	50 mm nominal bore	3	nos.	1026	3078
2.2	40 mm nominal bore	25	nos.	826	20650
3	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :25 mm nominal bore	1	nos.	464.05	464
4	Providing and fixing ball valve (brass) of approved quality, High or low pressure, complete :20 mm nominal bore. Zoloto	10	nos.	665	6650
5	Providing and placing on terrace (at all floor levels) polyethylene triple layered water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes with all connection fittings with tank and without the base support for tank.	500	Per liter	11	5500
6	Providing and fixing single lever sink mixer of swan neck (table mounted) with 235 mm (9") long swivel spout and 450 mm long braided connection pipe of approved quality conforming to IS:8931, 15 mm nominal bore: Cera Cat. No. F1021551 or equivalent	10	Each	6750	67500
7	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete Semi rigid pipe : 32 mm	10	Each	103.90	1039
8	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :610x510 mm bowl depth 200 mm without drain board of approved make and as per direction of engineer-in-charge	10	Each	4940.8	49408
9	Providing and fixing SS grating of approved quality and colour. Circular type 125 mm nominal dia with 25 mm waste hole.	10	Each	51.85	518
Total Plumbing sub head					420363
B	Masonry work				
10	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, edge moulding and polishing of edges to give high gloss finish etc. complete at all levels: Granite stone slab of colour black, Cherry/Ruby red ,Area of slab above 0.50 sqm	50	sqm	5136.3	256815
11	Extra for fixing marble /granite stone, over and above corresponding basic item with edge moulding, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	45	meter	568.55	25585
12	Extra for providing opening of required size & shape	10	each	978.7	9787

	for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for sink mixer of table mounted etc. including moulding, rubbing and polishing of cut edges etc. complete.				
13	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 1:3:6 (1 Cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)	2	cum	7294.7	14589
14	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts	15	sqm	961.3	14419
15	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm	30	sqm	73.4	2202
16	Disposal of dismenteled tiles/ building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means at all heights including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond the campus area ,from all height of building	5	cum	263.95	1320
17	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.				
17.1	For horizontal surface one coat @1.10 kg per sqm.	30	sqm	362.8	10884
18	15 mm cement plaster on rough side of single or half brick wall of mix: 1:6 (1 cement: 6 coarse sand)	40	sqm	395.35	15814
19	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to all heights level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	10	cum	9344.35	93444
Total cost of masonry work					444859

C	Iron Work				
20	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works at all heights as per directions of Engineer in-charge.	300	kg	172.6	51780
21	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc,complete in all respect . Hot finished welded type tubes at all heights as per directions of Engineer in-charge.	300	kg	194.4	58320
22	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia. 4mm, PVC coated to achieve outer dia not less than 5 mm in required colour and shade at all heights as per directions of Engineer in-charge.	45	sqm	1067.10	48019
23	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50mm (base metal of minimum 0.45mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both sides of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length up to 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete up to any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required at all heights as per directions of Engineer in-charge.	35	sqm	738.65	25853
	Total cost of Iron work				183972
	Total of civil work including GST				1049194

	Total of A part (AC&R work) including GST	₹ 556,480.00
	Total of Part B (Electrical Work) including GST	₹ 108,970.00
	Total of Part C (Civil Work) including GST	₹ 1,049,194.00
	Total Estimated Amount A+B+C (including Taxes)	₹ 1,714,644.00

LIST OF PREFERRED MAKES OF MATERIALS (FOR CIVIL WORKS):

Preferred makes of materials to be used in the work is given below and Contractor shall procure the material mentioned in the list from any one of the preferred makes only.

In case of non-availability of these makes, the Engineer-in-charge may allow use of alternative BIS marked materials/makes in the work with the approval of SE or his representative.

Non BIS marked materials may be permitted by the Engineer-in-charge only when BIS marked materials are not manufactured

S.No	Material	List of Preferred Make
1	(i) Ordinary Portland Cement / Portland Pozzolona Cement.	ACC, Ultratech, Ambuja Cement, J.K. Cement, Century Cement, Shree Cement, Jaypee Cement, Prism Cement Ltd., Birla & Wonder
2	(ii) White Cement	Birla White , J. K. White
3	Reinforcement Steel	SAIL, Tata Steel, RashtriyaIspat Nigam Ltd (RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
4	Re-baring Chemical	Hilti, 3M, Fischer, Mungo
5	Shuttering Ply (BIS Marked)	Archidply, Century, Green, Marino
6	Water Proofing Compounds, Admixtures, Plasticizer, Super Plasticizer, Curing Compounds	Fosroc, ROFF/Dr. Fixit (Pidilite Industries), CICO, Sika, BASF, Saint Gobin-Weber, Huntsman, Ardex Endura (Bal Endura), Berger Paint, Don Building Chemicals(I) Pvt. Ltd., Bulwark.
7	Elastomeric membrane Liquid water proofing	BASF, Fosroc, Sika, pidilite, Keshun
8	Integral Water proofing compound with cement	Penetron, Kryton OR any other which fullfills criteria given in CPWD Specification
9	Water proofing for bathroom/toilet/ balcony & other wet areas	Fosroc : Brush bond CICO : Tapecrete, Sika : Nito Bond Dr. Fixit: Pidifine 2K, Asian Paints: Damp Block 2K & equivalent product of BASF, Ardex Endura, Saint Gobin-Weber, Berger Paint, Don Building Chemicals (I) Pvt.Ltd.
10	Crystalline Water Proofing Compound	Penetron, Kryton OR any other which fullfills criteria given in CPWD Specification
11	Anti-Termite Chemical	Bayer, Tata Chemicals, FMC, Excel, Ultima Search, Bharat insecticides
12	Grouts,Tile Adhesive	Latecrete, Ardex BASF, Forsoc Endura,Ferrous Crete,
13	Structural Steel	SAIL, Tata Steel, RashtriyaIspat Nigam Ltd (RINL), and JSW Steel Ltd., Jindal Steel & Power Ltd
14	Polycarbonate Sheet	GE Plastic, LEXAN, MG Polyplast, Coxwell
15	Laminates / High Pressure Laminates	Greenlam, Merino, Sunmica
16	Flush doorshutters	Duro, Century, Durian, Green ply, Archidply, JAYNA of Jain wood Industries, Orion Doors (Modern udtech Industries), GUJCON, Kitply. NOTE:Only ISI marked flush door shutters to be used.
17	Fire Rated Doors	Shakti Metdoor, Sukri, NAVAIR, Promat International, Signam Fire Protection, Synergy Thrislington., Tufwud Doors
18	Glass Doors with Patch fittings	Assabloy, Geze, Dorma, kich

19	False Ceiling System	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite, Durlum, Interarch, PROLAD
20	Gypsum Board	Saint Gobain, Lafarge, USG Boral
21	Metal Ceiling	Hunter Douglas, USG Boral, Armstrong, Harrison Green, Dexune, Metallica Ceiling Solutions
22	Plywood/Veneer	Green ply, Century, Merino, Duro, Durian, Orion Doors(Modern Wudtech Industries), Kitply, Greenlam / Decowood
23	Melamine Polish	AkzoNobel, Timpertone of ICI Dulux, Asian Paints : Melamine Gold, Wudfin of Pidilite, Berger, Nerolac
24	Floor Spring & Door Closer	Dorma, Dorset, Kich, Hafele, Blum
25	Hardware & Door Fittings	Dorma, Kich, Hettich, Ozone, Geze
26	(a) Aluminum Extrusions/Sections	Hindalco, Jindal, Indalco
	(b) Anodized Aluminium Hardware (HeavyDuty)	Kilong, Alualpha, Securi Style, Classic,
28	Clear/Float/Frosted/ Toughen Glass	Saint Gobain, AIS, Modiguard, Ashai float
29	Stainless Steel Railing system and Accessories etc.	Dorma, Kich, GEZE, Godrej, Hardwyn, D-Line, Q-Railing
30	Glass Railing	Kich, grande-forge, western railing, Q-railing
31	Silicon based water repellent /Weather Sealant	G.E. Plastic, Dow Corning,Wacker, BASF, Pidilite (Dr.Fixit/Roof),Don Building Chemicle (I) Pvt Ltd., ICI, Fosroc
32	Poly-Sulphide / EpoxySealant	Fosroc, Pidilite (Dr. Fixit/Roof), Sika, BASF, Don Building Chemicals (I) Pvt Ltd., CICO, ArdexEndura
33	Ceramic Tiles	Somany, Kajaria, NITCO, Johnson, Orient bell <i>Note : The tile manufactured at mother plant ONLY to be used.</i>
34	Vitrified Tiles	Somany, Kajaria, NITCO, Orient bell,
35	Carpet flooring	Unitex, Earcons acoustic, Miliken
36	Wood Polymer floors (WPC)	Pergo, Armstrong, Bello, Alps
37	Wooden baffle wall panelling	Anutone, Earcons Acoustic, Hera Design
38	Paver block, KerbStone & Tactile block	Pavcon, Hyper Tiles/Dynamic, Dalal Tiles Industries/Mayur, KK, Power, NITCO, Sharda, Helix
39	Dash / AnchoringFasteners	HILTI, Fischer, Bosch, Wurth, Mungo
40	Cement Based Wallputty	Birla wallcare, JK White, Berger, Asian Paints, United-911
41	Oil Bound Washable Distemper / Dry Distemper	Nerolac: Beauty Acrylic Distemper Berger : Bison Acrylic Distemper Asian Paints
42	1 st Quality Acrylic Distemper (washable/Ready mix/ Low VOC)	Asian Paints Berger Nerolac
43	Acrylic Emulsion Paints	Asian Paints Nerolac Berger
44	Plastic Emulsion Paint	Asian Paints Nerolac Berger
45	Premium Acrylic Emulsion	Asian Paints Nerolac Berger

	Paints (Interior)	
46	Textured Paint	Asian Paints Nerolac Berger
47	Acrylic Smooth ExteriorPaint	Asian Paints Nerolac Berger
48	Premium Acrylic Smooth Exterior Paints with Silicon additives	Asian Paints Nerolac Berger
49	Synthetic EnamelPaint	Asian Paints Nerolac Berger
50	Cement Primer	Asian Paints Nerolac Berger
51	Steel Primer (Red Oxide Zinc Chromate Primer)	Asian paints, AkzoNobel, Nerolac, Berger, ICI Dulux
52	Wood Primer	Asian Paints (Wood primer-White/Pink), AkzoNobel, Berger, Nerolac, ICI Dulux
53	Epoxy Paint	Asian, AkzoNobel, Nerolac, Berger, ICI - Dulux, kansai, Saint Gobain-Weber
54	Fire Retardant Paint	Asian Paints, Berger, Promat, Jotun, AkzoNobel,Dulux
55	G.I. / M.S.Pipe	Tata, Jindal (Hisar), Prakash Surya
56	G.I. Fittings	Unik, AVR, Zoloto, Tata
57	HDPE Pipes	Reliance, JainPipes, ORIPLAST, Supreme
58	DWC Pipes	Dutron India, Time Technoplast, Jagannath Industries, Rex, Supreme
59	DI PIPES	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
60	DI Fittings	Electrosteel, Jindal, TATA DUCTURA, Kapilansh, Kesoram
61	DI Gratings	Jayaswal neco, Kiran companies, SJIF
62	UPVC / CPVC / PVC pipe, fixtures and fittings	Finolex, Supreme, Astral, Ashirwad,
63	CentrifugallyCast(spun)Iron Pipes & Fittings	NECO, Kapilansh, SKF, Electrosteel, RPMF
64	Hubless Centrifugally Cast (spun) Iron Pipes & Fittings	RPMF
65	C.I. Manhole covers, frames & GI Gratings	Raj Iron, BIC, Kapilansh, Neco, SKF
66	CP Brass Fittings	Jaquar (vignette or higher), Kohler (July), Roca, Grohe,Hindware (QUEO)
67	Sanitary ware, Fittings & accessories	Jaquar, Kohler, Roca, Hindware, Cera
68	Mirror Glass	Saint Gobain, AIS, Modiguard, TATA- ASHAI, HNG., Atul, Golden Fish
69	Stainless Steel Sink	Neelkanth, Nirali, Jayna, Carysil, Futura, Johnson, Kingston
70	UPVC Doors & Windows	Fenesta, Encraft, ALUPLAST , Kommerling (India), NCL VEKA, Deceuninck, RHEAU, Wintech
71	Acoustic doors	Earcons Acoustic, Global, Navair
72	Panic Bars	DORMA, Haffele, Geze
73	Extruded Polystyrene/ EPS InsulationBoard	DOWCORNING, ISOFOAM, SUPREME, Texas, Analco
74	Heat Resistant Tiles	Swastik, Thermatek, Dalal Tiles, Helix

75	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, Boral, Ultratech, United-311
76	Expansion Joint Flexi Strip	FOSROC, Sika, BASF,
77	Modular Expansion Joint	Herculus, Sanfield India ltd. Vexcolt
78	UPVC doors and window hardware	ROTTA, DORMA, PULSE
79	Floor hardener	Ironite, Ferrok, Hardonate, Saint Gobin-weber
80	Insulation for hot water pipes	Carflex, Armflex, kaiflex, Llyod
81	C P Grating	Chilly/ Futura
82	Ball Valve	Sant/ Zoloto/ Leader/ Honeywell
83	Gun Metal Wheel/Gate Valve	Sant/ Zoloto/ Leader/ Honeywell
84	Pressure Reducing Valve	Sant/ Zoloto/ Leader/ Honeywell/ Timme,Sks
85	Butterfly Valve	Sant/ Zoloto/ Leader/ Honeywell
86	Gun Metal – Gate / Non Return Valve	Sant/ Zoloto/ Leader/ Honeywell
87	Float Valve for OHT	Leader or Equivalent
88	Floor drain fixtures	ACO / Viega
89	Shower Channels	ACO / Viega
90	Air Purifier container	Euronics, Kimberlay Clark, Jaquar
91	Bottle trap	Jaquar, roca, parryware
92	Liquid soap dispenser	Euronics, Kimberlay Clark, Jaquar
93	Pre-Fabricated Grease Trap	Aco, New green, Supreme
94	Modular Rain Water Harvesting System	Sree Ganga boring co., ASHWATH Infratech Pvt. Ltd, Sujlaam Eco Solutions Pvt Ltd.
95	Strainer	Zoloto / sant / Castle / Sks
96	Furniture	Godrej, Zuari, Durian, Havertys
97	Roller blinds / curtain	Vista, Serge Ferrari, Hunter Douglas, Marvell, Drape shopee
98	Backer rod / filler rod	Fosroc, Sika, BASF, CICO
99	AAC Block (Conforming to BIS & having density more than 651kg/m3)	Aerocon, Brixo, Ecolite, Magicrete, Siporex, Ultratech X-tralite, ARICRETE, Shree
100	AAC Block Adhesive	Ultra tech, Ardex Endura, Ferrous Crete, saint Gobin-Weber
101	Glass Wool	Dow Corning, U.P. Twiga, Isover
102	CPVC Pipes & Fittings	Astral, Supreme, Prince, Ashirwad, SKIPPER
103	RCC Pipes (NP-2)	Lakshmi, sood & Sood, jain pipe Co. (Newai), mahaveer enterprises (newai), Work well spun pipes, Pali
104	Gypsum board	Saint Gobain, Armstrong, Gypstone, Diaken, India Gypsum
105	Corian Acrylic Sheet	DuPont, Monosol Surface India LLP, Solyx India
106	Non-asbestos Fiber cement board	Shera, Visaka – V board, Everest, Zykrone, Saint Gobain
107	Calcium silicate board	Hylux, Aerolite, Saint Gobain
108	Silicon Sealant	Waker, GE, Dow Corning
109	Water Repellent	Waker, ICI, Fosroc, BASF,

110	Hydro swelling water bar	Fosroc, Sika, BASF
111	Kitchen Basket	Everyday, Ozone, Orange, KOIL (316 Grade SS)
112	Aluminum Grip Profile	AssaAbloy, Hitexx, Hafele, Enox
113	FRP Door & Frame	Jayna of Jain wood industries, Simba, Sainik (Century Plywood), Ashish Industries., BhattFRP
114	Wall Panels, Sound absorbing ceiling & tiles & Acoustic System	Prolad, Anutone, Earcons Acoustic, Top Akoustic, Heradesign
115	Block Board	Jayna, Orion Doors(Modern Wundtech Industries)
116	Modular furniture / Steel Furniture / Furniture / Partition System	VEILS India Pvt ltd. Or equivalent
117	Aluminium composite Panel	Alstone International, VIRGO, EUROBOUND, ALUTUFF
118	WPC, PVC Door shutter frames	Rajshree or other BIS
119	Toilet Cubicle	Merino, Greenlam, T-line
120	Hermetically sealed 6-12-6 double insulated Glass (High performance)	Saint Gobin, AIS, Modiguard
121	Water tank	Sintex, Plasto, Supreme, ashirvad
Note: - Engineer-in-Charge reserves the right to add or delete or select any preferred materials/brands.		

PROFORMA OF SCHEDULES
(Refer standard clauses of contract of CPWD)

SCHEDULE 'A'

Schedule of quantities (Enclosed)

SCHEDULE 'C'

As per the directions of the Engineer-in-Charge.

SCHEDULE 'E'

Reference to General Conditions of contract CPWD-GCC maintenance 2023 (amended up to date)

NAME OF WORK: SITC of Central Drinking Water Plant for Old Boys Hostel, at AIIMS Jodhpur.

i. Estimated cost of work	:	₹ 17,14,644/-
ii. Earnest Money	:	₹ 34,300/- (@2% of estimated cost)
iii. Performance Guarantee	:	5% of contract value.
iv. Security deposit	:	2.5% of respective bill/s

SCHEDULE 'C'**General Rules & Directions**Officer inviting tender : **Executive Engineer(E), AIIMS- Jodhpur****Definitions:**

i. Engineer-in-Charge	:	Executive Engineer (E), AIIMS- Jodhpur
ii. Tender Accepting Authority	:	The Executive Director, AIIMS- Jodhpur
iii. Standard Schedule of Rates	:	DSR latest & prevailing market rates
iv. Standard CPWD contract Form	:	Modified & Corrected up to date GCC 2023 and CPWD form 7/8
v. Department	:	AIIMS Jodhpur

Clause 1

(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance 07 days

(ii) Maximum allowable extension with late fee @0.1% per day of performance guarantee amount beyond the period (provided in i) above 03 days

Clause 2

Authority for fixing compensation under Clause 2

Superintending Engineer, AIIMS Jodhpur

Clause 2A

Whether Clause 2A shall applicable

N.A.

Clause 5

Number of days from the date of issue of letter reckoning date of start

N.A. of acceptance for

Authority to Decide:(i) Extension of time:

a) Within stipulated Date of Completion

Engineer-in-charge, AIIMS- Jodhpur

b) Beyond stipulated Date of Completion

The Executive Director, AIIMS- Jodhpur

(ii) Shifting of date of start in case of delay Jodhpur in handing over of site

Superintending Engineer, AIIMS-

Clause 11

Specification to be followed for execution of work

CPWD Specifications for Works
(with up to date correction slips till last date of submission of tender)**Clause 12**

Deviation limit beyond which deviation / variation clauses shall apply for work

.....1.5 times of tendered amount.....

Clause 18

List of mandatory machinery tools & plants to be directions deployed by the contractor -at site:

As per work requirement and directions of Engineer –in-Charge.

Clause 25

Constitution of Dispute Redressal Committee (DRC):

DRC shall constitute One Chairman and Two Members

**Executive Engineer (E)
AIIMS, Jodhpur**

Annexure-I
Details of the Bidder

S. No.	Details of Bidder	
1	Name of Firm /Service provider	
2	Complete Address:	
3	Name of Proprietor/ Partner/ Managing Director / Director.	
4	State clearly whether it is sole proprietor or partnership firm or a company or a Government Department or a Public Sector Organization	
5	Whether each page of NIT and its annexure have been signed and stamped	
6	Whether the firm is a registered firm Yes/No (attached copy of certificate).	
7	Copy of GST Registration	
8	Permanent Account No. (Copy must be provided)	
9	Copy of Income Tax Return Acknowledgement for last Three years	
10	Any other information, if necessary	
11	Official Email ID	
12	Contact No.	

Note: All pages should be numbered & indexed.

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

Annexure-II

Details of all works of similar class completed during the last 07 years ending till the starting date of this NIT.

Attached certified copies of experiences (Can use extra sheet if necessary)

S. No.	Name of Work/Project	Owner or Sponsoring Organization	Cost of work (in lac)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Litigation/ arbitration pending / in progress with details	Name and address/ telephone number of officer to whom reference may be made	Remarks
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.

* Indicate gross amount claimed and amount awarded by the Arbitrator.

* Please attach completion & performance certificates from authorized persons.

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

Annexure-III

(To be submitted on the letterhead OR with signature and seal of the concerned client department issuing work completion certificate from any Govt. bodies)

COMPLETION / PERFORMANCE CERTIFICATE		
1.	Name of Work	
2.	Agreement no. / Word order no.	
3.	Date of issue of work order	
4.	Name of the contractor Agency	
5.	Stipulated date of commencement of work as per agreement	
6.	Tendered value of work	
7.	Completion cost of work	
8.	Stipulated date of completion of work as per agreement	
9.	Actual date of completion of work	
<p>Certified that the work has been completed satisfactorily within the stipulated date of completion. There are no defects apparent and M/s. _____ has completed all the works as per agreement.</p>		

Signature of Authorized officer (with designation)

Note:

- The above completion certificate shall be issued on the letter head of the concerned client department.
- If the certificate from the client dept. not available on the letterhead, then it must have the signature and seal of the concerned client department.

Annexure-IV
FINANCIAL INFORMATION

Financial Analysis – Details to be furnished duly supported by figures in balance sheet/profit & loss account duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

S. No	(Gross Annual Turn Over)& Profit/Loss	2021-22	2022-23	2023-24
1				
2				
3				

Signature of Bidder with Seal

Signature of Chartered Accountant with Seal

Annexure-V
TENDER ACCEPTANCE CERTIFICATE
(To be submitted on Letter Head of the Company/Firm)

To,
 The Executive Director,
 All India Institute of Medical Sciences,
 Jodhpur (Raj.)

Name of work: SITC of Central Drinking Water Plant for Old Boys Hostel, at AIIMS Jodhpur.

Due on: 13th Jan 2025.

I / We, the undersigned have examined the above mentioned Tender Enquiry Document, including amendment / corrigendum (if any), the receipt of which is hereby confirmed. We now offer to supply / complete the works in conformity with your above referred document for the sum as shown in the Price Schedules (BoQ) uploaded herewith and made part of this bid. If our bid is accepted, we undertake to provide the items / services for which tender has been concluded, in accordance with the delivery schedule specified in the Schedule of Requirements. We further confirm that, if our bid is accepted, we shall provide you with a Performance Security of required amount in an acceptable form as mentioned in your NIT. I/We agree to keep our bid valid for a period of 180 (one hundred eighty) days for acceptance as required in your NIT Document, read with modification, or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this bid up to the aforesaid period and this bid may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal Agreement / Contract is executed; this bid read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us. We further understand that you are not bound to accept the lowest or any bid you may receive against your above referred advertised tender enquiry. We confirm that we do not stand deregistered/banned/blacklisted by Central / State Govt. / Ministries / Departments /PSU etc. I/We confirm that I/we fully agree to the terms and conditions specified in above mentioned Tender Enquiry Document, including amendment / corrigendum, if any.

We hereby certify that if at any time, information furnished by us is proved to be false or incorrect; we are liable for any action as deemed fit by the purchaser in addition to forfeiture of the Bid Security / Performance Security.

Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for bidding in AIIMS Jodhpur / institute in future forever. Also, if such a violation comes to the notice of the institute before the date of start of work, the Engineer-in-Charge shall be free to forfeit the EMD/ Performance Guarantee/ Security deposit.

(Scanned copy to be uploaded at the time of submission of bid along with the technical bid)

Name:	
Business Address:	
Place:	
Date:	

Annexure-VI**UNDERTAKING FOR NON-BLACKLISTING
(To be submitted on letter head of the company / firm)**

I hereby certify that the above firm has not been ever blacklisted by any Central / State Government / Public Undertaking / Institute on any account.

I also certify that the firm will supply the item as per the specification given by the Institute and also abide by all the terms and conditions stipulated in tender.

I also certify that the information given in the bid is true and correct in all aspects and if in any case at a later date it is found that any detail/s provided are false and incorrect, any contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and Institute may have imposed any action as per NIT rules.

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :

**Checklist for Documents Required with Technical Bid
(To be attached with the Technical Bid)**

S. No	Details Provided	Compliance (to be ticked as attached)	Page no. of bid
1	Criteria of eligibility (Read and Attached)	Yes / No	
2	Copy of constitution or legal status of the bidder manufacturer Sole proprietorship / firm / agency etc. (Attached)	Yes / No	
3	Copy of Income Tax Return Acknowledgement for last three consecutive financial years (Attached)	Yes / No	
4	Copy of PAN Card Registration (Attached)	Yes / No	
5	Copy of GST registration certificate. (Attached)	Yes / No	
6	Copy of EMD (Attached)	Yes / No	
7	Copy of Average annual turnover duly verified by CA (Attached)	Yes / No	
8	Acceptance of tender condition (Filled and Attached)	Yes / No	
9	General Conditions of Contract (Read and Accepted)	Yes / No	
10	Special Conditions of Contract (Read and Accepted)	Yes / No	
11	Technical Specification/System Details (Read and Accepted)	Yes / No	
12	Scope of Work (Read and Accepted)	Yes / No	
13	Annexure – I (Details of Bidder) (Filled and Attached)	Yes / No	
14	Annexure – II (UNDERTAKING FOR NON-BLACKLISTING) (Filled and Attached)	Yes / No	
15	Annexure – III (Details of all works of similar class completed) (Filled and Attached)	Yes / No	
16	Annexure – IV (Financial Information) (Filled and Attached)	Yes / No	
17	Annexure-V (TENDER ACCEPTANCE CERTIFICATE)	Yes / No	
19	Check List (Filled & Attached)	Yes / No	