TENDER NOTICE
Tata Institute of Social Science
V.N. Purav Marg, Deonar,
Mumbai-400088.
Telephone:91-22-25525209 E-Mail: -rahul.shende@tiss.edu
Website: www.tiss.ac.in

Tender Ref No.: TISSFQ12026 **Date: 04/11/2026**

Name Of the Work: -Tender for "Repair and Maintenance of Faculty quarters I, TISS, Main Campus."

Name of the Work	:-	**Repair and Maintenance of Faculty quarters I, TISS, Main Campus.**	
Work Location (s) & Pin Code (s)	:-	**Tata Institute of Social Sciences, V.N. Purav Marg, Deonar, Mumbai-400088**	
Estimated Cost	:-	**Rs. 35,15,363.00/- (including taxes)**	
Bids Shall Be Submitted Online On	:-	**Central Public Procurement Portal (CPPP)**	
Work/Product Category	:-	**Works**	
Tender Inviting Authority	:-	**Registrar, TISS**	
Tender Fees	:-	NIL	
EMD	:-	**Rs. 70,500.00/- (Interest Free) To Be Submitted Online Only**	
Tender Validity	:-	180 days from the last date of submission of tender	
Mode of Bidding	:-	**Online/~~Offline~~ (Open Tender/ ~~Limited Tender~~)**	
Tender Issue Date	:-	**04/11/2026**	10:00 hrs
Start Date of Tender Submission	:-	**05/11/2026**	10:00 hrs
Last Date of Tender Submission	:-	**30/11/2026**	18:00 hrs
Pre-Bid Meeting	:-	**18/11/2026**	14:00 hrs
Site Visit Date & Time	:-	**On Or Before the End Date of Tender Submission and Time with Prior Intimation and Approval (Within Office Hours)**	
Place of Pre-Bid Meeting	:-	**TISS, Mumbai**	
Technical Bid Opening	:-	**02/12/2026**	10:00 hrs
Financial Bid Opening	:-	**After Approval of Competent Authority for the Technical Qualification of the Bidders.**	
Period of Completion	:-	**60 days**	**From date of commencement**
Contact	:-	**Email: - rahul.shende@tiss.edu**	

Signature & Seal of Bidder

1.0 INSTRUCTIONS TO BIDDERS

Online/ ~~Offline~~ Item rate Open/ ~~Limited tenders~~ are invited by The Registrar, Tata Institute of Social Sciences, Deonar, Mumbai- 400088 for **"Repair and Maintenance of Faculty quarters I, TISS, Main Campus."**

1.1 The tender shall be in prescribed form consisting of NIT, Quote Sheet, Terms of contract which can be downloaded from TISS website, CPPP Portal from **05/11/2026** to **30/11/2026** up to 18.00 hrs.

1.2 Timeline for execution of work: - **60 days from date of commencement.**

1.3 Payment Cycle: - **Within 30 days of certification.**

1.4 In case of limited tender enquiry, unsolicited bids will not be accepted. However, if the bidder who is not requested to bid is interested in bidding, he may contact to the office of Assistant Registrar, Infrastructure Development and Support division. After the scrutiny of the documents and confirming the reliability of the firm, the vendor may be allowed to bid for same work or next work of similar nature. In case of Open tender enquiry any vendor qualifying the eligibility, criteria are permitted for bidding.

1.5 Online Bidding: - Bids shall be submitted online using **CPPP** Portal.

1.6 Offline Bidding: - Bids shall be submitted in sealed envelopes.

i) Envelope No I– shall contain attested documents confirming qualification criteria, Signed copy of NIT and its conditions

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ii) Envelope No II– shall contain only Schedule of Quantities (BID SHEET) duly priced and completed in all respects. This shall not include any conditions whatsoever. In case any conditions are included in Envelop no. II, the same shall not be taken into consideration. Further, the tender in such case is liable to be rejected. Both the sealed envelopes i.e. Part-I and Part-II should be covered in a third envelope which shall be sealed and should be submitted to "Office of Assistant Registrar, Administration, TISS, Mumbai 400 088". Third envelop shall contain the Title of the tender, address and contact details of the bidder.

1.7 A) The Earnest Money Deposit (Interest free) is accepted only through e-payment gateway in case of online bid submission.
Name: Tata Institute of Social Sciences
Account Number: 10895954226
IFSC Code: SBIN0003109
Bank: State Bank of India
Branch: Deonar
Address: State Bank of India, Deonar Branch, V.N. Purav Marg, Sion-Trombay Road, Deonar, Mumbai – 400088

B) In case of Offline bid submission, EMD shall be accepted in the forms: -

i) Banker's Cheque of a Commercial Bank
ii) Account Payee Demand Draft of a Commercial Bank
iii) Fixed Deposit Receipt (FDR) of a Commercial Bank
iv) Insurance Surety Bonds
v) Bank Guarantee including e- Bank Guarantee (for balance amount as prescribed) from Commercial Bank

A part of earnest money is acceptable in the form of Bank Guarantee including e- Bank Guarantee also. In such cases 50% of earnest money or Rs. 20 lakhs Whichever is less, will have to be deposited in shape prescribed above and balance can be accepted in form of Bank Guarantee issued by a Commercial Bank. The FDR is pledged in favor of the tender inviting authority. It is in the tenderer's own interest to keep the FDR valid as long as it is required. The Bank Guarantee including e- Bank Guarantee submitted as a part of Earnest Money is valid for a period of 90 days for single bid works and 180 days for two bid system or more from the date of submission of the tender.

EMD shall be drawn by the name: - **'TATA INSTITUTE OF SOCIAL SCIENCES'.**

1.8 The earnest money will be forfeited, if the bidder withdraws his bid in the middle of finalization of tendering process. On finalizing the tender process, the Institute will return EMD of unsuccessful bidders. The acceptance of tender shall rest with The Registrar, Tata Institute of Social Sciences, who does not bound to accept the lowest tender and reserves the right to reject any or all of the tenders received without assigning any reason. The Registrar reserves the right of acceptance of whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted. Any attempt of influencing on tender process by the contractor shall not be entertained and his/her tender hall be rejected. Team of TISS may visit ongoing / completed work sites, establishments, manufacturing units, factories of the bidder and may collect the feedback over telephone, e-mail, actual visit or by any other suitable means before award of contract and after verification of documents. The Bidder shall provide necessary facilities for this purpose.

1.9 Tenderers are advised to inspect and examine the site and its surrounding and fully satisfy themselves about the nature of work, specification of work, challenges in work (way of transportation, height of structure, number of floors or height where work is to be executed, working hours, security check etc.) before submitting their tender and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A tenderer shall deem to have full knowledge of site, whether he inspects it or not and no extra charges con-sequent on any misunderstanding or otherwise shall be allowed.

1.10 Bidder shall be asked to provide the Sample of material to be provided/ supplied/ to use at any point before finalization of tender process. Vendor shall provide the sample free of cost without any liabilities on Institute. All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by the contractor.

1.11 In case of annual rate contracts, the Contract may be extended for another year depending upon the performance of the vendor. The contract extension is subject to approval of competent authority. As far as possible the Contract shall be extended over same terms and conditions. If any term,

condition needs to be altered, omitted, added then this will be done with the mutual consent of both the parties with no financial implications.

1.12 In case vendor demands for increase in rate, Vendor shall submit the written request to Engineer In-charge. The competent authority shall take the decision. The extension of contract shall be limited for maximum two times.

1.13 Any statutory approval from local authorities, municipal approvals etc. shall be responsibility of the vendor.

1.14 Validity of Tender: The tender for the work shall remain open for acceptance for a period of 180 days from the last date of submission of tenders. If any tenderer with draws his/her tender before the said period, or before issue of Letter of Intent, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the Department, then TISS shall forfeit the earnest money deposit of the bidder and the tenderer shall not be allowed to participate in the retendering process of the work.

1.15 All the tenders where in the prescribed conditions are not fulfilled or are in complete in any respect are liable to be rejected. Tenders received without EMD will be summarily rejected.

1.16 Levy / Taxes Payable by Contractor:
a. GST @18% on materials and services in respect of this contract shall be payable by the contractor.
b. The contractor shall deposit royalty and obtain necessary permit as required for excavation and transport of soil, supply of the sand, Aggregate, Stone etc. from local authorities. TISS shall not have any liabilities in this regard.

1.17 Notification of amendments to the tender document: If the technical specification requires any modification, suitable amendment to this tender document will be issued and the same will form part of the tender document. Prospective bidders are advised to regularly visit the TISS website or the CPP portal and Tender Wizard Portal for Corrigendum/amendments etc., if any, will be notified only on the TISS website /CPP portal/Tender Wizard Portal and no separate advertisement will be made for this.

1.18 Quoted rates to include all taxes (except GST): Sales tax, VAT, Purchase tax or any other tax on materials in respect of this contract, including state Sales tax and Turnover tax on transfer of property as per Works Contract Act etc. if any, shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same. As per the directives of the Sales Tax Authorities, the tax due at the rates notified by the State Government from time to time, shall be deducted from the bills payable to the Contractors, for which TDS certificate shall be issued by the Department.

1.19 Vendors who have a record of frequent defaults in timely completion of work, have been imposed liquidated damages, have received intimations for non-compliance or show-cause notices, have a history of inferior quality of work in TISS or any other institute, or those who have exhibited behavioral issues with staff, will not be considered for the bidding process.

2.0 ELIGIBILITY CRITERIA/ PRE-QUALIFICATION

2.1 The Bidder should have satisfactorily completed similar works during the last Seven years ending last date of the month previous to the one in which tenders are invited. For this purpose, cost of work shall mean gross value of the completed work including cost of material supplied by the Government/Client but excluding those supplied free of cost. This should be certified by an officer not below the rank of Executive Engineer/Project Manager or equivalent. If the eligible similar works are not carried out in Central Government / State Government / Public Sector Undertaking of Central or State Governments / Central Autonomous bodies, then statement from income tax record should be produced by bidder, when requested by tender evaluating authority. The statement/ records produced should establish payment from the client to the bidder against similar work.

2.2 Three similar completed works, each costing not less than the amount equal to 40% of estimated cost put to tender, or two similar completed works, each costing not less than the amount equal to 60% of the estimated cost put to tender or one similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.

2.3 Turnover: Average annual financial turnover on similar works should be at least 30% of the estimated cost put to tender during the immediate last three consecutive financial years. The value of annual turnover figures shall be brought to current value by enhancing the actual turnover figures at simple rate of 7% per annum.

2.4 Profit/loss: The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during the available last five consecutive balance sheets (standalone financial statement), duly certified and audited by the Chartered Accountant.

2.5 Banker's Certificate from a Commercial Bank or Net worth Certificate: Banker's Certificate of the amount equal to 40% of the Estimated Cost Put to Tender (ECPT), or Net worth certificate of minimum 10% of the estimated cost put to tender issued by certified Chartered Accountant with UDIN.

2.6 List of Clients and on-going projects during immediate last 3 years.

2.7 Earnest Money deposit of Rs 70,500.00/= (interest free)

2.8 PAN Card copy.

2.9 GST registration copy.

2.10 Disqualification of Pre-Qualified Bids:
The Department however reserves the right to verify the particulars furnished by the bidder independently and reject any bid without assigning any reason and to restrict the list of pre-qualified contractors to any number deemed suitable in case too many bids are received satisfying the basic Pre-Qualification criteria.

Even though a bidder may satisfy the above requirements, the bidder may be liable to disqualification if the bidder has:
(a) Made misleading or false representation or deliberately suppressed the information or not submitted sufficient information in the forms, statements and enclosures required in the pre-qualification document.
(b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures /weaknesses etc.

Site Visit and Pre-Bid Meeting Conditions: -

"Site visit is mandatory. Bidders submitting bids without carrying out the site inspection and without understanding the scope of work shall be liable for rejection. The vendor shall obtain the certified Site Visit-cum-Inspection Form from the ID&S Division upon successful completion of the site visit/inspection."

"Vendors who have successfully completed the site visit/inspection from 19.10.2026 to 03.11.2026 shall be considered as having fulfilled the mandatory site visit/inspection criterion for the tender."

"Vendors who carry out site visit/ inspection on or before the last date and time of submission of bids shall also be considered as having fulfilled the mandatory site visit/inspection criterion, subject to their understanding of the site conditions and scope of work and Vendor shall obtain the certified site visit cum inspection form from the ID&S division after successful completion of site visit/ inspection."

Signature & Seal of Bidder

LETTER OF TRANSMITTAL

From:

To
The Registrar,
Tata Institute of Social Sciences, Mumbai 400088

Subject: Submission of bids for the work of ……

Sir,
Having examined the details given in the bid document for the above work, I/we hereby submit the relevant information.

1. I/we hereby certify that all the statements made and information provided in the enclosed documents in support of eligibility criteria are true and correct.

2. I/we have furnished all information and details necessary for establishing our eligibility and have no further pertinent information to supply. I/We hereby certify that neither I/We nor my/our firm/company has been blacklisted or debarred by any Government Organisation, Public Sector Undertaking (PSU), or Local Body during the period of two years immediately preceding the last date of submission of this tender.

3. I/we submit the requisite certified solvency certificate and authorize the TISS Officials to approach the Bank issuing the solvency certificate to confirm the correctness thereof. I/we also authorize TISS Officials to approach individuals, employers, firms and corporation to verify our competence and general reputation.

4. I/we submit the following certificates in support of our suitability, technical knowledge and capability for having successfully completed the following eligible similar works:

Name of Work	Certificate Form

Certificate:
It is certified that the information given in the enclosed eligibility bid are correct. It is also certified that I / We shall be liable to be debarred, disqualified / cancellation of enlistment in case any information furnished by me / us is found to be incorrect.

Enclosures: - Seal of bidder

Date of Submission:

Signature & Seal of Bidder

3.0 DEFINITION OF SIMILAR WORK

Similar Work means execution of building repair and maintenance works of comparable nature and complexity, including the following activities:

1) Structural repair and rehabilitation of RCC and masonry structures, including repairs to load-bearing structures.

2) Waterproofing treatment of roofs, terraces, basements, toilets, water tanks, and external walls by application of chemical coating, APP membrane sheet, grouting, pointing etc.

3) Internal and external plumbing works, including water supply pipelines, sanitary fittings, and fixtures.

4) Carpentry works, including repair, replacement, and installation of wooden doors, windows, frames, partitions, furniture, and other wooden fixtures.

5) Internal and external painting and protective coating works, Texture Paint for External including repainting of high-rise buildings using appropriate access systems.

6) Fabrication works, including fabrication, installation, repair, and replacement of MS frames, structural members, GI/MS/UPVC sheets, windows, glazing, railings, grills, gates, and other aluminium and steel fabricated items.

The above works may have been executed individually or as part of a comprehensive building repair, renovation, rehabilitation, restoration, or maintenance contract. Such works shall be considered as Similar Work for the purpose of eligibility. The contractor shall have demonstrated expertise in structural repair and rehabilitation, including the repair and restoration of high-rise buildings and load-bearing structures.

Exterior Paint: - For all external painting works wherever specified, it is mandatory to use Asian Paints Duralife Exterior Paint with a 15-year warranty, strictly as specified and recommended by the manufacturer. No alternative product shall be used unless specified.

Interior Paint: - For all interior painting works, it is mandatory to use Luxury Emulsion Paint (Asian Paints Royale or equivalent), strictly as specified and recommended by the manufacturer. No alternative product shall be used unless specified.

Signature & Seal of Bidder

4.0 INTERPRETATION OF CONTRACT DOCUMENTS

In the event of any ambiguity, discrepancy, inconsistency, or omission in the tender documents, the provisions of the CPWD General Conditions of Contract (GCC), CPWD Standard Operating Procedures (SOPs), and the CPWD Works Manual, as amended from time to time, shall prevail. The decision of the Engineer-in-Charge in the interpretation and application of these provisions shall be final and binding on the contractor.

Signature & Seal of Bidder

5.0 FINANCIAL BID

5.1 Mode of submission of bid is Online/ ~~Offline~~. Information for submission of online/ ~~offline~~ bid is given under conditions of contract. As the tender is percentage rate contract each bidder shall upload/fill the at par/ Above/ Below percentage (in figures as well as in words) over the estimated cost. This quoted percentage rate at par/ Above/ Below shall be applicable to each any every rate mentioned in BOQ. Total amount shall be written clearly in Numeric as well as in words. Bidders shall refrain to make any overwriting in bid sheet. Bidder shall compulsorily mention the Name of firm/ bidder in the bid sheet.

5.2 The tender submitted shall be treated as invalid if: -

i) The contractor does not quote percentage above/below on the total amount of tender or any section/sub head of the tender.

ii) The percentage above/below is not quoted in figures & words both on the total amount of tender or any section/sub head of the tender.

iii) The percentage quoted above/below is different in figures & words on the total amount of tender or any section/sub head of the tender.

5.3 In case the lowest tendered amount **(estimated cost + amount worked on the basis of percentage above/below)** of two or more contractors is same, such lowest contractors will be asked to submit sealed revised offer in the form of letter mentioning percentage above/ below on estimated cost of tender including all sub sections/sub heads as the case may be, but the revised percentage quoted above/below on tendered cost or on each sub section/ sub head should not be higher than the percentage quoted at the time of submission of tender. The lowest tender shall be decided on the basis of revised offers. In case any of such contractors refuses to submit revised offer, then it shall be treated as withdrawal of his tender before acceptance and 50% of earnest money shall be forfeited. If the revised tendered amount of two more contractors received in revised offer is again found to be equal, the lowest tender, among such contractors, shall be decided by draw of lots in the presence of competent authority of the institute.

5.4 While calculating percentage, vendor shall consider overheads and profit along with transportation and labour cost for installation.

5.5 Rates mentioned in the BOQ are inclusive of taxes. GST correction factor of **0.973** and cost index of **16%** is considered in the estimated cost.

Signature & Seal of Bidder

6.0 GENERAL CONDITIONS OF CONTRACT

6.1 Performance guarantee (Interest free): -
The contractor shall be required to deposit an amount equal to 5% of the tendered value of the contract as performance guarantee in the form of Demand Draft / Fixed Deposit Receipt / Bank Guarantee/ Banker's Cheque from Scheduled bank to be submitted within 14 days from the date of issue of work order or before commencement of work whichever is earlier. The performance guarantee shall be returned to the contractor, without any interest, after recording of the completion certificate for the work by the competent authority and submission of final bill by the contractor as per the joint measurement within 60 days.

6.2 Security deposit (Interest free): -
The Security Deposit at 5% of gross amount of the bill shall be deducted from each running bill as well as final bill of the contractor till the sum deducted will amount to Security Deposit of 5% of the tendered value of the work. Security deposit will be returned after completion of defect liability period.

6.3 Measurement and records: -
Vendors shall record all the measurements in standard format. Vendor shall maintain the attendance of workers for any kinds of services and works. Vendor shall click before and after photographs of works at the time of execution. In case of maintenance of plants, installations and machineries (Chillers, AHU, Circulation Pumps, Water pumps and motors, Sewage treatment plant, Solar water heaters, Firefighting installations, VRF, Split and window AC, Dinning Hall equipment's, Diesel Generator etc.) vendor shall produce the service and maintenance report. Vendor shall obtain the signature of end user as user satisfaction report in prescribed format.
For Comprehensive/Non-Comprehensive Maintenance work contractor shall maintain a work register and shall obtain the sign of end user at completion of work for every visit, register shall include date, executed work, quantity etc. Contractor shall produce the service report of each service as and when asked by Engineer In charge.

6.4 Inspection report: -
Vendor shall obtain the inspection report from Engineer In charge after completion or part completion of work.

6.5 Completion Certificate: -
Vendor shall complete the work in all aspect with desired quality. Vendor shall obtain completion certificate from Engineer In charge before submission of bill.

6.6 Contractor Liable for Damages, defects during defect liability Period: -
Six months in the case of work costing Rs. Ten lacs and below (except road work) and Twelve months in case of work costing more than Rs. Ten lacs. If the contractor or his working people or servants shall break, deface, injure or destroy any part of building in which they may be working, or any building, road, road kerb, fence, enclosure, water pipe, cables, drains, electric or telephone post or wires, trees, grass or grassland, or cultivated ground contiguous to the premises on which the work or any part is being executed, or if any damage shall happen to the work while in progress, from any cause whatever or if any defect, shrinkage or other faults appear in the work within twelve months

(six months in the case of work costing Rs. Ten lacs and below except road work) after a certificate final or otherwise of its completion shall have been given by the Engineer in- Charge as aforesaid arising out of defect or improper materials or workmanship the contractor shall upon receipt of a notice in writing on that behalf make the same good at his own expense or in default the Engineer-in-Charge cause the same to be made good by other workmen and deduct the expense from any sums that may be due or at any time thereafter may become due to the contractor, or from his security deposit or the proceeds of sale thereof or of a sufficient portion thereof. The security deposit of the contractor shall not be refunded before the expiry of twelve months (six months in the case of work costing Rs. Ten lacs and below except road work) after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later. In case of Maintenance and Operation works of E&M services, the security deposit deducted from contractors shall be refunded within one month from the date of final payment or within one month from the date of completion of the maintenance contract whichever is earlier.

6.7 Payment on intermediate certificate to be regarded as Advances: -

No payment shall be made for work, estimated to cost Rs. Five lac or less till after the whole of the work shall have been completed and certificate of completion given. For works estimated to cost over Rs. Five lakhs, the interim or running account bills shall be submitted by the contractor for the work executed on the basis of such recorded measurements.

All such interim payments shall be regarded as payment by way of advances against final payment only and shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be rejected, removed, taken away and reconstructed or re-erected. Any certificate given by the Engineer-in-Charge relating to the work done or materials delivered forming part of such payment, may be modified or corrected by any subsequent such certificate(s) or by the final certificate and shall not by itself be conclusive evidence that any work or materials to which it relates is/are in accordance with the contract and specifications. Any such interim payment, or any part thereof shall not in any respect conclude, determine or affect in any way powers of the Engineer-in-Charge under the contract or any of such payments be treated as final settlement and adjustment of accounts or in any way vary or affect the contract.

6.8 Advance payment: -

Advance payment is prohibited. Vendor shall claim the full bill amount after successful completion of work or running amount bill for part completion of bill. Whereas advance payment may be granted in exceptional cases with approval of competent authorities.

6.9 Secured Advance and Mobilization Advance: -

No secured advance against materials or mobilization advance shall be payable to the Contractor under this Contract. All expenses towards mobilization and procurement of materials shall be borne by the Contractor

6.10 Bill submission & payment: -

In case of running account bills or bills against the Annual rate/maintenance contracts, vendor shall submit the bill on or before the 5th day of the month. Bills submitted after this time frame shall be processed in the next month. Vendor shall be fully responsible for the delay in payment due to late submission of bill.

Vendor shall produce copy of B2B certificate, GST payment challan, Measurements, attendance of labours and supervisors, before and after photographs of work and services, service and maintenance report of plants and machinery etc. along with the invoice. No bill shall be accepted without the attachment of the said documents. In case of Maintenance of plants, equipment's and Machineries, report of satisfactory performance indicating no defect in the functioning of any equipment's shall be produced with the submission of each bill over the letter head of the vendor.
In the event of transfer of annual maintenance contact to the other vendor, the previous vendor shall handover the entire system in working condition to the new vendor. It is the responsibility of the new vendor to check and satisfy themselves for 'no defect' and healthy working condition of the plant, machinery, equipment, installation, system etc. Final bill and other payables shall not be settled for previous vendor until satisfactory handover of the system. If previous vendor fails to rectify defects in the system, same will be get rectified through the new vendor and the necessary rectification cost shall be deducted from the final settlement of the previous vendor.

In the event of the failure of the contractor to submit the bills, no claims whatsoever due to delays on payment including that of interest shall be payable to the contractor.

6.11 Warranty and quality of material: -
Any material/ fitting/ equipment's to be installed in the institute shall be of ISI mark and IS standards unless and otherwise specified. No lower quality/grade material shall be allowed. Contractor shall surrender the removed material/fitting to Institute. Newly installed material shall be the property of institute and no claims shall be entertained.
Any material provides, delivered, supplied shall cover the manufactures warranty. If the OEM is the bidder minimum warranty shall be of one year. Replacement and repair of any material or installation is complete responsibility of the vendor at no extra cost. Warranty of any material or installation or equipment shall be considered as one year unless and otherwise specified.

6.12 Supply of Water & Electricity: -
Water and electricity shall be supplied to the contractor by the Institute free of cost subject to the conditions:
The Source of Water and Power Supply will be given at one point. All other arrangements have to be arranged by Contractor.
Contractor(s) shall make his/ their own arrangement of water/ electricity / connection and laying of pipelines/ connection from existing main of source of supply as directed by Engineer-In-charge.
Institute do not guaranty to maintain uninterrupted supply of water/ electricity and it will be incumbent on the contractor to make alternative arrangement for proper supply of the same at his/ their own cost in the event of any break down in the government water/ electricity mains so that the progress of his/ their work is not held up for the want of the same. No claim of damage or refund will be entertained on account of such break down.

6.13 Unrealistic rates and negotiation: -
In case of unrealistic rates submitted by the vendor in any individual item of bid, part of bid or full bid then tender shall be considered as unbalanced and in case the tenderer is unable to provide satisfactory explanation, such a tender shall be disqualified and tender will be rejected.
If the rates quoted by the vendor are too high than the estimated rates or market rates the lowest bidder shall be called for the negotiation. Lowest bidder is expected to be open for the negotiation

and to provide best possible revised rate for the individual item of bid, any part of bid or full bid.

6.14 Determination of contract: -

Subject to other provisions contained in this clause, the Engineer-in- Charge may, without prejudice to his/her 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 un workman-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/she 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/her 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/her in that behalf by the Engineer-in- Charge.

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.

In case of unlawful activities, use of lower standard material/fittings, inferior work quality, breaks of contract etc.

When the contractor has made himself/herself liable for action under any of the cases aforesaid, the Engineer-in- Charge on behalf of the Registrar, Tata Institute of social sciences (TISS) 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 TISS.

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/her 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.

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 afore said, 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/she shall only be entitled to be paid the value so certified.

The contract may be terminated due to administrative reasons specified in writing within a month from the side of the Institute with the issue of written notice.

The contract may be terminated with mutual consent with notice period of two months from the side of vendor and notice period of one month from the side of the Institute.

6.15 Contractor liable to pay compensation even if contract is not determined: -
In any case in which any of the powers conferred upon the Engineer-in-Charge under the contract, shall have become exercisable and the same are not exercised, the non-exercise thereof shall not constitute a waiver of any of the conditions hereof and such powers shall notwithstanding be exercisable in the event of any future case of default by the contractor and the liability of the contractor for compensation shall remain unaffected. In the event of the Engineer-in- Charge putting in force all or any of the powers vested in him under the preceding clause he may, if he so desires after giving a notice in writing to the contractor, take possession of (or at the sole discretion of the Engineer-in-Charge which shall be final and binding on the contractor), use as on hire (the amount of the hire money being also in the final determination of the Engineer-in-Charge) all or any tools, plant, materials and stores, in or upon the works, or the site thereof, belonging to the contractor, or procured by the contractor and intended to be used for the execution of the work / or any part.

6.16 Termination of Contract on death of contractor: -
Without prejudice to any of the rights or remedies under this contract, if the contractor dies, the Engineer in Charge on behalf of Registrar, TISS shall have the option of terminating the contract without levy compensation to the contractor.

6.17 Work not to be sublet Action in case of in solvency: -
The contract shall not be assigned or sublet without the written approval of the Engineer-in Charge. And if the contractor shall assign or sublet his contract, or attempt to do so, or become insolvent or commence any insolvency proceedings or make any composition with his creditors or attempt to do so, or if any bribe, gratuity, gift, loan, perquisite, reward or advantage pecuniary or otherwise, shall either directly or indirectly, be given, promised or offered by the contractor, or any of his servants or agent to any public officer or person in the employ of Institute in any way relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer-in-Charge on behalf Registrar, Tata Institute of social sciences shall have power to terminate the contract with immediate effect.

6.18 Compensation for delay of work (Liquidity damages): -
If the contractor fails to maintain the required progress or to complete the work and clear the site on or before the contract or justified extended date of completion he shall, without prejudice to any other right or remedy available under the law to the Government on account of such breach, pay as compensation the amount calculated at the suitable rates may decide on the amount of accepted

Tendered Value of the work for every completed day / month (as determined). Damage suffered due to stated delay on the part of Contractor, 1% to 10%per month of delay to be computed on per day basis on the accepted tendered value, based on quantum of damage suffered.

Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered Value of work.

6.19 Time Extension for delay: -

The time allowed for execution of the works as stipulated in the contract or the extended time in accordance with these conditions shall be the essence of the Contract. The execution of the works shall commence from such time period as mentioned in contract. If the Contractor commits default in commencing the execution of the work as aforesaid, TISS shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely. As soon as possible after the Contract is signed, the Contractor shall submit a Time and Progress Chart for each mile stone and get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work and may be amended as necessary by agreement between the Engineer-in-Charge and the Contractor within the limitations of time imposed in the Contract documents, and further to ensure good progress during the execution of the work, the contractor shall in all cases in which the time allowed for any work, exceeds one month (save for special jobs for which a separate program has been agreed upon) to complete the work as per the mile stones given.

If the work(s) be delayed by:

Force majeure, or

Abnormally bad weather, or

Serious loss or damage by fire, or

Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or

Delay on the part of other contractors or tradesmen engaged by Engineer-in-Charge in executing work not forming part of the Contract, or

non-availability of stores, which are the responsibility of TISS to supplier.

non-availability or break down of tools and plant to be supplied or supplied by TISS or

Any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor`s control, then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-Charge but shall nevertheless use constantly his best endeavors to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-Charge to proceed with the works.

6.20 Deviations / Variations: Extent and Pricing: -

The Engineer-in-Charge shall have power

to make alteration in, omissions from, additions to, or substitutions for the original specifications, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and

to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in- Charge and such alterations, omissions, additions or

substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

6.21 Quantity deviation:
Deviation means increase or decrease in quantities of agreement items.
Deviations up to +/- 10% of agreement quantity will not require any sanction.
Items deviating beyond +/- 10% of agreement quantity needs sanction for total deviation (including initial +/- 10%)
All the deviated quantities shall be paid at agreement rates.

6.22 Price deviation: -
The completion cost of any agreement for maintenance works including works of up gradation, aesthetic, special repair, addition/ alteration should not exceed two times the contract amount. Deviation up to 1.25 times of contract amount shall be approved by Engineer-in-Charge with recorded reasons. Deviation beyond 1.25 times of contract amount shall be approved by competent authority with recorded reasons.

6.23 Deviation and Time Extension: -
The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, will be extended, if requested by the contractor, as follows:
In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value, plus
25% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge.

6.24 Substituted Items and Pricing: -
If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).
If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted) the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

6.25 Extra Items: -
Extra items are those which are not available in the contract. In the case of Extra Item(s) being the schedule items (Delhi Schedule of Rates items), these shall be paid as per the schedule rate plus cost index (at the time of tender) plus/minus percentage above/below quoted contract amount. Payment of Extra items in case of non-schedule items (non-DSR items) shall be made as per the prevailing market rate. The rate(s) of extra items so determined by the Engineer-in-Charge shall be final and binding on the contractor, and shall not be arbitrable.

6.26 Avoidance of sub-standard work: -
The contractors are required to execute all works according to the specifications laid down, and in a proper workman like manner. The motto of the Department is to maintain quality, speed and economy in cost in the execution of any work. There is no compromise on the quality of work.
When defects/deficiencies crop up during the maintenance period rectifying the same shall be done within the prescribed maintenance period. If the contractor does not rectify the defect or make good the deficiency, the work is got redone or rectified through another agency, or departmentally by employing skilled labourers, at the contractor's cost.

6.27 Acceptance of sub-standard work: -
In general, sub-standard works should not be allowed to occur, as they reflect poorly on the professional competence of the field staff and adversely affect the image of the Department. Acceptance of work below specifications and/or below acceptable levels of workmanship, and the resulting payment at reduced rates for such defective/deficient works is resorted to only for those items where materials conforming to the required specifications are not available, or where it is structurally impossible to get the work re-done or where in opinion of Engineer In charge, it is expedient to do so. Acceptance of sub-standard work at reduced rates is done only under exceptional circumstances by the Engineer In charge or by the next higher authority. The total value of quantities of items at agreement rate for which the Engineer In charge or the higher official accepts sub-standard work in a contract shall not exceed 5% of the contract value.

6.28 Action in case of work not done as per specifications: -
All works under or in course of execution or executed in pursuance of the contract, shall at all times be open and accessible to the inspection and supervision of the Engineer-in- charge, his authorized subordinates in charge of the work and all the superior officers of the Department or any organization engaged by the Department for Quality Assurance and the contractor shall, at all times, during the usual working hours and at all other times at which reasonable notice of the visit of such officers has been given to the contractor, either himself be present to receive orders and instructions or have a responsible agent duly accredited in writing, present for that purpose. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.

If it shall appear to the Engineer-in-charge or his/her authorized subordinates in-charge of the work or his/her subordinate officers or the officers of the organization engaged by the Department, that any work has been executed with unsound, imperfect, or un-skillful workmanship, or with materials or articles provided by him for the execution of the work which are unsound or of a quality inferior to that contracted or otherwise not in accordance with the contract, the contractor shall, on demand in writing which shall be made within twelve months (six months in the case of work costing Rs. 10 Lakh and below except road work) of the completion of the work from the Engineer-in-Charge specifying the work, materials or articles complained of notwithstanding that the same may have been passed, certified and paid for forthwith rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require or as the case may be, remove the materials or articles so specified and provide other proper and suitable materials or articles at his own charge and cost.

In the event of the failing to do so within a period specified by the Engineer-in-Charge in his demand aforesaid, then the contractor shall be liable to pay compensation at the agreed rate for this default

in such case the Engineer-in-Charge may not accept the item of work at the rates applicable under the contract but may accept such items at reduced rates. Decision of the Engineer-in- Charge to be conveyed in writing in respect of the same will be final and binding on the contractor.

6.29 Suspension of work: -

TISS reserves the right to suspend the work with one day notice in case of unlawful activities, use of lower standard material/fittings, inferior work quality, break of contract etc. attributed on the part of Contractor. The work shall remain suspended until necessary rectifications are done and further intimation from Engineer In charge. No Compensation shall be given to the vendor for any loss incurred due to suspension of work.

The contractor shall, on receipt of the order in writing of the Engineer-in-Charge, (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time and in such manner as the Engineer-in-Charge may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of the following reasons:

On account of any default on the part of the contractor or;

For proper execution of the works or part thereof for reasons other than the default of the contractor; or

For safety of the works or part thereof. The contractor shall, during such suspension, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer in- Charge.

6.30 Foreclosure of contract due to abandonment or reduction in scope of work: -

If at any time after acceptance of the tender, TISS shall decide to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works to be carried out, the Engineer- in- charge or competent authority shall give notice in writing to that effect to the contractor and the contractor shall act accordingly in the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he/she might have derived from the execution of the works in full but which he did not derive in consequence of the foreclosure of the whole or part of the works.

The contractor shall be paid at contract rates full amount for works executed at site.

6.31 Contractor to supply tools & equipment's etc.: -

The contractor shall provide at his own cost all materials (except such special materials, if any, as may in accordance with the contract be supplied from the Engineer- in-Charge's stores), machinery, tools & equipment's. in addition to this, appliances, implements, other accessories, ladders, cordage, tackle and temporary works required for the proper execution of the work, whether original, altered or substituted and whether included in the specification or other documents forming part of the contract or referred to in these conditions or not, or which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer-in-Charge as to any matter as to which under these conditions he is entitled to be satisfied, or which he is entitled to require together with carriage therefore to and from the work.

The contractor shall also supply without charge the requisite number of persons with the means and materials, necessary for the purpose of setting out works, and counting, weighing and assisting in the measurement or examination at any time and from time to time of the work or materials. Failing

his/her so doing, the same may be provided by the Engineer-in- Charge at the expense of the contractor and the expenses may be deducted, from any money due to the contractor, under the contract and/or from his security deposit or the proceeds of sale thereof, or of a sufficient portion thereof.

6.32 Lump sum provision in tender: -
When the estimate on which a tender is made include lump sums in respect of parts of the work, the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates, as are payable under this contract for such items, or if the part of the work in question is not, in the opinion of the Engineer-in-charge payable of measurement, the Engineer-in-Charge may at his discretion pay the lump sum amount entered in the estimate, and the certificate in writing of the Engineer-in-Charge shall be final and conclusive against the contractor with regard to any sum or sums payable to him under the provisions of the clause.

6.33 Labour laws to be complied by the contractor: -
The contractor shall obtain a valid license under the Contract Labour (R & A) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, before the commencement of the work, and continue to have a valid license until the completion of the work. The contractor shall also abide by the provision of the Child Labour Prohibition & Regulation) Act-1998. The contractor shall also comply with the provisions of the building and other Workers (Regulation of Employment & Conditions of Service) Act, 1996 and the building and other Workers Welfare Cess Act, 1996. Any failure to fulfil these requirements shall attract the penal provisions of this contract arising out of the resultant non execution of the work.

6.34 Minimum wages act to be compiled with: -
The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, Contract Labour (Regulation and Abolition) Act, 1970 and rules framed there under and other labour laws affecting contract labour that may be brought into force from time to time.

6.35 Settlement of Disputes by Conciliation and Arbitration: -
All questions and disputes relating to the meaning of the specifications, designs, drawings and instructions hereinbefore mentioned and as to the quality of workmanship or materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions, orders or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as per the standard arbitration procedures by appointing the arbitrator. The Appointment of arbitrator shall be dependent on amount of claim and other allied parameter.

6.36 Confidential Information: -
The drawings, specifications, proto-type, samples and such other information furnished to the contractor relating to the supply / work, sub-systems / equipment etc. are to be treated as confidential which shall be held by the contractor in confidence and shall not be divulged to any third party without the prior written consent of the Department. The contractor, therefore, binds himself, his successors, heirs, executors, administrators, employees and the permitted assignees or such other persons or agents directly or indirectly concerned with the work / supply to the confidential nature

of the drawings, specifications, proto-type samples etc. It is a further condition of the contract that the contractor shall not, without prior written permission from the Department, transmit, transfer, exchange, and gift or communicates any such confidential information, and also the component, sub assembly, products, by-products

6.37 Tendered rates to cover overheads and profit: -

The rates quoted shall also cover the cost of necessary protection including labour, materials and equipment to ensure 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.

Unless otherwise stated in schedule of quantities, rates for item quoted by the tenderer should be for the complete work including supply and fixing with all materials and should be for all heights and depths, lifts and leads, lengths and widths involved in the work.

The contractor when called for by the Department should furnish detailed rate analysis in support of the rates quoted by him against each item of the tender. The Department reserves the right to utilize the analysis thus supplied in settling the rate of any deviations or claims arising in this contract.

6.38 Claims against the contractor: -

Whenever any claim against the contractor for the payment of a sum or money arises out of or under the contract, Department shall be entitled to recover such sum by appropriating in part or whole, the security deposit of the contractor and to sell any Government promissory notes etc. forming the whole or part of such security. In the event of the security deposit having been taken from the contractor, the balance or the total sum recoverable, as the case may be, shall be deducted from any sum then due or which at any time thereafter may become due from the contractor, under this or any other contract with the Department. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay the Department, on demand the balance remaining due department shall have the right to cause an audit and technical examination of the work and the final bill of the contractor including all supporting vouchers, abstracts etc. to be made after payment of the final bill and if as a result of the due audit and technical examination any sum is found to have been over paid in respect of any work done by the contractor under the contract or any work claimed by him to have been done under the contract and found not have been executed, the contractor shall be liable to refund the amount of the over payment and it shall be lawful for the Department to recover the same from him in the manner prescribed above or in any other manner legally permissible and if it is found that the contractor was paid less than what was due to him under the contract in respect of any work executed by him under it, amount of such under payment shall be duly paid by the Department to the contractor.

6.39 Mode of measurements: -

Measurements for all hidden items once taken jointly and so accepted by the tenderer in the bills, in writing shall be final and binding. No re-recording of measurements for hidden items of work will be permitted. The contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of the work.

All measuring tapes (of steel), scaffolding and ladders which may be required for taking

measurements shall be supplied by the contractor. If the contractor fails to accompany the Engineer-in-Charge or his duly authorized person to take measurements, then he shall be bound by the measurements, recorded by the Engineer-in-Charge or his representative.

6.40 Security regulations: -

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

For working on Sundays, Holidays and late hours, even though permission will be accorded by the Engineer-in-Charge, the contractor will have to make application to the Security Department also and keep them informed well in advance. The contractor, his agents, representatives, workmen etc. and his materials, carts, trucks or other means of transport etc. will be allowed to enter through and leave from such point of entry/exit at such times, the authorities in-charge of the area, at their sole discretion, may permit. The contractor, his agents and representatives are required to be in possession of the individual identity / muster cards or passes. The muster cards or passes are examined by the security staff at the time entry / exit inside the departmental area.

The contractor, his agents, representatives, workmen shall strictly observe the orders pertaining to prevailing fire precautions. In addition to the above, other security regulations as may be imposed by the Security authorities / Engineer-in- Charge shall be complied with / observed by the contractor and his workmen, in addition to the above. Any breach of above security regulations and rules in force from time to time will be viewed seriously. No claim whatsoever will be entertained by the Department on account of the observation of the Security regulations.

To take the materials out of the campus for disposal/ replacement it is the responsibility of the contractor to take prior approval and request for a valid GATE PASS for any such material.

6.41 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. The vendor shall be responsible for the collection, removal, transportation and proper disposal of all debris and waste materials generated during the execution of the work, without permitting accumulation at the site or anywhere within the campus. The debris shall be transported to an appropriate authorized dumping/disposal facility of municipal corporation in accordance with applicable regulations. No separate payment shall be admissible for the same, and the vendor shall duly consider all associated costs while quoting the rates. 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 seven days' notice in writing to the contractor.

6.42 Integrity Clause: -

It is hereby specifically agreed that the firm/vendor/contractor will not pay offer, demand or accept bribes of any sort and that they shall disclose all commissions and similar expenses paid to anybody in connection with the contract.

It is understood that violation of the aforesaid clause shall entail sanction, which could include loss or denial of contract, forfeiture of bid or performance security liability for damages, debarment for future contracts. Besides, action in accordance with law and criminal or disciplinary action against any, employee of the institute, who seek, demands accepts bribes of any sort.

The vendor/ supplier /contractor shall declare that they have not been convicted by any court for any have not been formally investigated of a corruption crime and have not/will not resort to bribery or any other form of corruption in the context of the contract.

Any misinformation or wrong declaration shall provide the TISS the right to cancel the contract unconditionally.

Vendor shall start the work related to part 'A' within the seven days of receipt of work order and shall finish the work within 45 days from the date of commencement of the work.

6.43 Disqualification on Account of Blacklisting/Debarment: -

Vendors who have been blacklisted or debarred by any Government organization, Public Sector Undertaking (PSU), or local body as on the date of submission of the tender shall not be eligible to participate in the tender process. If it comes to the notice of the Institute at any stage that a blacklisted or debarred vendor has participated in the tender by furnishing incorrect or misleading information, the bid submitted by such vendor shall be rejected, and further action may be taken as per the applicable rules and tender conditions.

Safety, Security and Maintenance of materials/equipment's: The Contractor shall be solely responsible for the safety and security of all materials, tools, plants, machinery and equipment brought to the site. The Contractor shall also maintain and protect the executed work in good condition at his own cost until completion and final handing over of the work.

Safety of Workers: The Contractor shall be solely responsible for the safety, health and welfare of all workers engaged at the site and shall provide necessary Personal Protective Equipment (PPE), safety gear and other protective measures. The Contractor shall be fully responsible for any accident, injury, mishap or untoward incident involving its workers during the execution of the work. The Institute shall not be responsible for any such incident and shall not provide any insurance coverage or bear any liability towards insurance or compensation.

Approval and Verification of Materials: The Contractor shall get all materials verified and approved by the Engineer-in-Charge for conformity with the prescribed specifications before using them in the work. No material shall be used without prior approval of the Engineer-in-Charge. The Contractor shall also submit relevant test certificates for materials, as and when required by the Engineer-in-Charge.

Labour Accommodation: No labour camp, hutment or accommodation shall be provided by the Institute. The Contractor shall make his own arrangements for accommodation of labour outside the Institute premises at his own cost.

7.0 LIST OF PREFERRED MAKES FOR CIVIL WORKS

The contractor shall obtain prior approval from the Engineer-in-Charge before placing order for any specific material. The contractor shall make a detailed submittal with catalogues and highlighted proposed specification.

Wherever applicable, the Engineer-in-charge may approve any material equivalent to that specified in the tender subject to proof being produced by the Contractor for equivalence to his satisfaction

The Engineer-In-Charge shall verify that manufacturers must have valid IS Certification as on date for materials wherever applicable. The contractor has to comply PPP (MII) 2017, Make in India Policy.

The following brands shall be used if not otherwise mentioned in the items: -

Sr. No	Material	List of Preferred Make
1.	(i) Ordinary Portland Cement	ACC, Ultratech, Ambuja Cement, J.K. Cement, Century Cement, Shree Cement.
	(ii) Portland Pozzolana Cement.	ACC, Ultratech, Ambuja Cement, J.K. Cement, Century Cement, Shree Cement.
	(iii) White Cement	Birla White, J. K. White, Saint Gobain (Weber), Birla White.
2.	Reinforcement Steel (TMT Bars) Low Alloy/ Corrosion Resistant Bars of Fe 550D Grades or more.	SAIL, Tata Steel, RashtriyaIspat Nigam Ltd (RINL), JSW Steel Ltd., Jindal Steel& Power Ltd.,
3.	Water Proofing Compounds, Admixtures, Plasticizer, Super Plasticizer, Curing Compounds	PIDILITE, BASF, FOSROC, SIKKA, CICO, Dr. Fixit, ASIAN LABORATORIES, MC BAUCHEMIE, ROFF, Berger Paints(I) Ltd, BIRLA Opus. Ultra Tech, STP Ltd, Birla white, Techno Nicol, MAPEI, Fosroc.
4.	Integral Water proofing compound with cement	Fosroc, Pidilite, Sika: Sikacim, & equivalent product of BASF, CICO, Asian Paints, BIRLA Opus, Birla White, Technonicol, MAPEI.
5.	Crystalline water proofing compound	Fosroc, Pidilite, Sika: Sikacim, & equivalent product of BASF, CICO, Asian Paints, Berger Paints(I) Ltd, STP Ltd, Technonicol, MAPEI.
6.	Grouts, Tile Adhesive	MYK Latecrete, BASF, Ardex Endura, Ferrous Crete, Pidilite, UltraTech, ROFF, Ultra Tech, STP Ltd, Birla White, MAPEI.

7.	Stone Adhesive	Pidilite - Fevimate excel, BASF, Ardex Endura, MYK Laticrete, ROFF, MAPEI.
8.	Injection Grouting System: - Cementitious / Resin Based /PU	PIDILITE / CICO TECHNOLOGIES / SIKA / BASF/ FOSROC / MC BAUCHEMIE (I) PVT. LTD. / ASIAN SMART CARE / MAPEI/ FERROUS CRETE
9.	Waterproofing Self-adhesive (HDPE) Membrane	PIDILITE / CICO TECHNOLOGIES / SIKA / BASF/ FOSROC / MC BAUCHEMIE (I) PVT. LTD. / MAPEI / ASIAN SMART CARE / MCON/ FERROUS CRETE.
10.	Waterproofing coatings: Single/Double Component Liquid PU Elastomeric Membrane (spray applied)	PIDILITE / CICO TECHNOLOGIES / FOSROC / SIKA / MC BAUCHEMIE (I) PVT. LTD./ ASIAN SMART CARE / MCON/ MAPEI /FERROUS CRETE
11.	Swellable Water Bar, Re-injectable Hose System.	KRYTON / CICO TECHNOLOGIES / PIDILITE/ PENETRON /FOSROC/ MAPEI / ASIAN SMART CARE / MCON/FERROUS CRETE.
12.	Integral Waterproofing Admixture for Plaster / Screed / Mortar	PIDILITE / CICO TECHNOLOGIES / FOSROC / SIKA / MC BAUCHEMIE (I) PVT. LTD./ MAPEI/ ASIAN SMART CARE / MCON/FERROUS CRETE.
13.	Expanded polystyrene sheet (EPS) and Extruded Polystyrene Insulation Board (XPS) / Dimple board / Drainboard.	PIDILITE / CICO TECHNOLOGIES / FOSROC / SIKA / MC BAUCHEMIE (I) PVT. LTD./ MAPEI/ ASIAN SMART CARE / FERROUS CRETE.
14.	Epoxy Coating: Food Grade Epoxy Coating for water Tanks / Non-Toxic Epoxy Coating for STP Tanks / Bituminous Epoxy Coating	PIDILITE / CICO TECHNOLOGIES / FOSROC / SIKA / MC BAUCHEMIE (I) PVT. LTD./MAPEI/ MCON / ASIAN SMART CARE / FERROUS CRETE.
15.	Moisture Resistant HDF/MDF Board	ACTIONTESA/ GREENPLY/ CENTURY/HILUX
16.	SS Mesh 316 GRADE	GKD METAL FABRICS / RAINOX / WMW
17.	Structural Steel	SAIL, Tata Steel, RashtriyaIspat Nigam Ltd (RINL), and JSW Steel Ltd., Jindal Steel & Power Ltd
18.	Polycarbonate Sheet	GE Plastic, LEXAN, Bayers, DIP, DANPALON
19.	Profile steel sheet	Ezy deck of TATA, Lloyd Super deck, JSW/

Signature & Seal of Bidder

		Jindal
20.	Aluminum Sheeting	KINGSPAN, ALUFORM, BEMO
21.	Sandwich Profile panel	Kingspan, Lloyd, Metclo (Note: Profile steel sheet should be of make Tata/Jindal/JSW).
22.	Particle Board	Action TESA, Merino, Century, Greenply, Euro, Anchor.
23.	Laminates	Greenlam, Century Ply, Merino, Sunmica
24.	Flush door shutters	Centuryply, Kitply, Durian, Green ply, Godrej, Anchor, Kalpataru,
25.	Fire Rated Doors	Kutty, Sreeji, woodcraft, assa abloy, Tata Pravesh, Kitply, Greenply, Sylvan ply. Signum, Shakti Horman, Tufwood, Navair, PACIFIC, Bhawani Fire.
26.	False Ceiling System	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite, Durlum, Anutone, Hilux
27.	Plywood/ Veneer	Green ply, Century, Merino, Duro, Durian, Anchor, Kalpataru, Euro
28.	All Types of Ply boards	MERINO / GREENPLY/ CENTURY/ KALPTARU
29.	Melamine Polish	Asian Paints Melamine Gold, Wudfin of Pidilite, Timbertone of ICI Dulux.
30.	Floor Spring & Door Closure	Godrej, Dorma, Dorset, Hafele, Ozone, PAG
31.	Metal False Ceiling	KNAUF / HUNTERDOUGLAS / SAINT GOBAIN / DEXUNE / MCRA/ HI- STEEL
32.	Gypsum Board / Glass Reinforced Gypsum Tile for False Ceiling.	SAINT GOBAIN / KNAUF / USG BORAL / INDIA GYPSUM / HILUX/GYPROC
33.	Moisture Resistant Calcium silicate ceiling tiles/ Board.	GYPROC / AEROLITE / USG BORAL / HILUX / KNAUF / EVEREST.
34.	Aluminum Section	Hindalco, Jindal, Indian Aluminum co., Nalco
35.	Glass / Rock wool Insulation	UP TWIGA / VETROTEX / ROCK WOOL I. LTD / L LLOYDS
36.	Cement Fiber board	AMF/USGBORAL/LAFARGE/INDIAGYPSUM/ CENTURY / NCL (BISON)
37.	Anodized Aluminum Hardware (Heavy Duty)	Kilong, Alualpha, Classic, Ebco

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38.	Aluminum Structural Members – Sliding Doors/Windows, Glazing and Partitions Deluxe/Domal series	JINDAL/HINDALCO/NALCO/INDALCO
39.	Clear/Float/Frosted/Toughen Glass/ Refractive Glass/ laminated glass	Saint Gobain, Modiguard, Asahi Glass, EMIRATES GLASS, GUARDIAN GLASS (SUNGUARD), FG GLASS, PILKINGTON.
40.	Modular Stainless-Steel Railing, Accessories etc.	Dormakaba, Hafele, Ozone, GEZE, Godrej
41.	S.S. Door & window hardware fittings and fixtures	Dorma, Hafele, Dorset, Godrej, Ozone, PAG, Hettich
42.	Silicon based water repellant /Weather Sealant	G.E. Plastics, Dow Corning, Wacker, BASF, Pidilite, Nerolac-Perma, STP Ltd, MAPEI.
43.	Poly-Sulphide Sealant	Fosroc, Pidilite, Sika, BASF, Nerolac-Perma, MAPEI.
44.	Mosaic tiles / Chequered Tiles	Ultra Tiles, NITCO, Hyper (Mayur), Pavcon, AGL
45.	Ceramic Tiles	Somany, RAK, AGL, Vermora, Nexion, Simpolo, KAJARIA, JOHNSON
46.	Vitrified Tiles (Satin/Matt/Glazed finish/Double charged)	Somany, RAK, AGL, KAJARIA, JOHNSON.
47.	GRC Jaali	KERAKROME, Unistone, Birla, Dalal,Shenisha, MS ENGINEERS, Lonex engineering co.
48.	Paver block & Kerb Stone	BASANT BETONS, SUPER, HINDUSTAN VED PMC, NITCO, JOHNSON, PAVIT
49.	Re-barring Chemical/Mechanical Dash / Anchoring Fasteners	3M INDIA, HILTI, Fischer, Bosch, Wurthindia.
50.	Cement Based Wall putty	Birla wall care, JK White, Berger, Asian Paints, JSW Paints, Birla White.
51.	Oil Bound Washable Distemper / Dry Distemper	Asian Paints, Nerolac, Berger, Dulux ICI, JSW Paints, BIRLA Opus, Birla White.

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52.	1st Quality Acrylic Distemper (washable/Ready mix/ Low VOC)	Asian Paints: Tractor Aqua Lock Paint, Berger: Commando or equivalent paints of Nerolac or ICI- Dulax. BIRLA Opus, Birla White.
53.	Acrylic Emulsion Paints	Asian Paints, Nerolac, Berger, ICI-Dulux: J S W Paints, BIRLA Opus,
54.	Plastic Emulsion Paint	Asian Paints: Apcolite Heavy Duty Premium Emulsion Paint, Nerolac: Impression, Berger: Easy Clean, ICI-Dulux: 3 in 1, JSW
55.	Premium Acrylic Emulsion Paints (Interior)	Asian Paints: Royale Luxury Emulsion, Nerolac: Impression, Berger: Silica Dulux: Velvet touch BIRLA Opus.
56.	Textured Exterior Paint	Asian paints, Nerolac, Berger Paints, Ultratech textured Paints, Luxture, Pidilite, JSW Paints, BIRLA Opus, Birla White.
57.	Exterior Grade water proofing paint	Asian Paints/ Dr. Fixit/ Berger/ Dulux/ Nerolac,
58.	Acrylic Smooth Exterior Paint	Asian Paints: Apex/ Professional Premium Exterior Emulsion, Nerolac: XL, Berger: Weather Coat, ICI-Dulux: Weather Shield, / Dr. Fixit
59.	Premium Acrylic Smooth Exterior Paint with Silicon additive.	Asian Paints: Apex Ultima Nerolac: XL Total Berger: Weather Coat all guard ICI-Dulux: Weather Shield max
60.	Synthetic Enamel Paint	Asian:Apcolite Premium gloss enamel, Nerolac: Synthetic Hi gloss Berger:Luxol Hi gloss ICI -Dulux: Gloss Synthetic enamel, JSW Paints, BIRLA Opus.
61.	Cement Primer	Nerolac, BP White (Berger), Decoprime WT (Asian), White primer (ICI), JSW Paints, BIRLA Opus, Birla White.
62.	Steel Primer (Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Berger, ICI, JSW Paints

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63.	Wood Primer	Asian Paints (Wood Primer - White/Pink), Berger ICI, Nerolac, JSW Paints.
64.	Epoxy Paint	Asian, Nerolac, Berger, ICI, Kansai Akzo Nobel
65.	Fire Paint	Caboline, Akzo Nobel Coatings India Ltd., PROMAT, Jotun, Asian Paints, Berger, JSW
66.	Welding Electrodes	ADVANI-OERLIKON/MODI
67.	G.I. / M.S. Pipe	Tata, Jindal (Hisar), Prakash, Surya
68.	G.I. Fittings	Unik, AVR, Zoloto, R-brand
69.	HDPE Pipes	Reliance, JainPipes, ORIPLAST, Supreme, Finolex
70.	Grease Separator	Aco, Kessel, Ashirvad, Texol
71.	DI PIPES	Electrosteel, Jindal, TATA DUCTURA,
72.	DI Fittings	Electrosteel, Jindal, TATA DUCTURA,
73.	UPVC pipe and Fittings	Astral, Supreme, Ashirwad, Finolex, Prince.
74.	Centrifugally Cast (spun) Iron Pipes & Fittings	NECO, Kapilansh, SKF, RPMF, Hepco.
75.	C.I. Manhole covers, frames & GI Gratings	NECO, RAJ Iron Foundary Agra, BIC, Kapilansh RPMF, Hepco
76.	SFRC Manhole covers & gratings	KK, JAIN, PARGATI
77.	CP Brass Fittings (Premium range)	Kohler, Jaquar, Grohe
78.	CP Brass Fittings (Automation)	JAQUAR/KOHLER/ GROHE
79.	Sanitary ware, Fittings & accessories	JAQUAR/KOHLER/ GROHE
80.	Glazing Structural/ Suspended / Skylight/ clear/ float/ frosted Mirror Glass	SAINT GOBAIN / PILKINGTON / AGC GLAVERBEL / AIS Modi Guard, Asahi
81.	Toughened Glass / Hermetically sealed glass / High Performance Glass	SAINT GOBAIN / PILKINGTON / AGC GLAVERBEL / AIS.
82.	CPVC Pipe & fitting	Astral, Supreme, Finolex, Prince,

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83.	Non-Return Valve (Check valve) and other kind of Valves	ZOLOTO/SANT/LEADER
84.	Water Meter	PRIMA/ ZOLOTO/LEADER/ CAPSTAN
85.	Brass Stop & Bib Cock	ZOLOTO/ SANT/L&K/LEADER/ASTRAL
86.	Gun Metal Valves, Globes	ZOLOTO/ SANT/ LEADER
87.	Stainless Steel Sink	Neelkanth, Nirali, Hafele, Futura
88.	RCC Pipes (NP-2, NP-3, NP-4)	JAIN SPUN PIPE, K. K. SPUN PIPE, THE INDIANHUME PIPE CO. LTD., PATEL HUME PIPES.
89.	Gypsum Plaster	Ferrous Crete, Gyproc Saint Gobain, Boral, UltraTech-Birla white, JK Lakshmi, Birla White.
90.	Saucer Drain	KK Concrete, ACME, Advanced Precast, Super
91.	Nuts/Bolts & Screws (SS OR GI)	HILTI /ATUL/ WURTHINDIA/FISCHER
92.	Clamp system for dry stone cladding	HILTI / FISCHER/BOSCH/ WURTH INDIA
93.	Epoxy Mortar, Epoxy Based Resin Anchor System, Floor Hardener	Ironite, Ferrok, Hardonate, Fosrock, STP Ltd, MAPEI. PIDILITE / CICO TECHNOLOGIES / FOSROC / SIKA / MC BAUCHEMIE (I) PVT. LTD./BOSTIK / MCON/ ASIAN SMART CARE / FERROUS CRETE
94.	Modular Expansion Joint	Herculus Sanfield India Ltd.Vexcolt, Tristar
95.	WPC Door / CNC Jali	KAKA / RAJSHRI / ECOSTA/DURIAN CENTURY PLY
96.	Cement Fiber Board	LAFARGE/INDIAGYPSUM/CENTURY/ CL (BISON) / EVEREST
97.	UPVC doors and window	NCLVEKA/DUROPLAST /LG-HAUSYS/ KOMMERLING / MARG / FENESTA/ALUCRAFT/RAJSHRI PLASTIWOOD
98.	UPVC doors and window hardware	Rotto, Dorset, Kinlong, Fenesta, Duroplast, Rajshri, Aparna, Saint Gobain.
99.	Window Blinds	VISTA/ DECK/HUNTER /VISTA /MAC/ MARVEL

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100.	Modular SS Grade316 Curtain Rods and Accessories	JINDAL/HAFELE/GEZE/Q-RAILING/ MARK / TRESA
101.	READY MIX CONCRETE (In case of Batch Mix plant not installed at site)	A.C.C., ULTRA TECH, PRISM JOHNSON RMC, GODREJ, JSW, NUVOCO (LAFARGE),
102.	CONCRETE BLOCKS.	CONWOOD, GURJARI, HINDUSTAN, LOK GROUP, SAI BLOCK, VED PMC LTD
103.	AAC BLOCKS	AEROCON, SIPOREX, ULTRA TECH, ECOLITE, GODREJ, HLL BIRLA AEROCON / TATA TISCOBUILD, J K LAKSHMI, SIPOREX, FERROUS CRETE.
104.	AAC BLOCKS Adhesive	HLL BIRLA AEROCON / ULTRATECH, ARDEXENDURA, MYK LATICRETE, FERROUS CRETE, MAPEI, FIXOBLOCK XTRALITE FROM ULTRATECH, SMARTFIX FROM AEROCON.
105.	MECHANICAL SPLICING SYSTEM WITHCOUPLER	SPLICETEK INDIA, DEXTRA INDIA ISHITA ENTERPRISES, SPLICEMAN G-TECH, SNTP & SANFIELD
106.	HARDWARE FOR FIRE RATED DOORS	DORMA, INGERSOLL RAND, BECKER-FS, OZONE, GEZE, ASSA ABLOY, HAFFLE
107.	STAINLESS STEEL Grade 304/316	JINDAL, SAIL, SALEM STEEL
108.	READY MIXED CEMENT PLASTER	WALPLAST, ULTRA TECH, MADRAS CEMENT LTD, SOUND BUILD CARE LTD, SAINT GOBAIN(WEBER), ACC,
109.	ACRYLIC TEXTURE PLASTER	ASIAN PAINTS, SPECTRUM PAINTS, HERITAGE, DULUX, BERGER PIDILITE, PAINTS, NEROLAC, ULTRATECH,
110.	VINYL FLOORING	RESPONSIVE, TARKETT, POLYFLOR, GRABO GERFLOOR, EBCO, AMSTRONG, MONDO
111.	GYPSUM BOARD	GYPROC, ARMSTRONG, SAINT GOBAIN, Hi-STEEL

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112.	CALCIUM SILICATE BOARD	STARPAN, HILUX, AEROLITE, PROMAT, VISHAKHA,
113.	S. S. GRATINGS/ Cockroach Jali	CHILLY, CAMRY, KICH, VIKING
114.	EPDM	AMEE RUBBER INDUSTRIES PVT. LTD, BOHRARUBBER
115.	SPACER TAPE / BACKER ROD	NORTON, BOW
116.	FRICTION HINGES AND LOCKS	OZONE, GEZE, DORMA, ASSA ABLOY, HAFFLE, STARLOCK, GODREJ
117.	ALUMINIUM COMPOSITE PANEL	ALUDECOR, EUROBOND, ALSTRONG, ALUCOBOND
118.	FROSTED GLASS FILM	GARWARE, LLUMAR, LG, 3M
119.	ROLLING SHUTTERS AND GRILLLS	Standard, Swastik, Shubdhwar, Bhawani Fire
120.	WOODEN FLOORING	KRONOSWISS, PERGO, HARO, PARADOR, BALTERIO
121.	Urinal Frosted Glass Partition- 12mm thick toughened	JAQUAR /GEREENLAM/ MERINO/ FUNDERMAX/
122.	Automatic Meter Reading System (Electromagnetic)	SENSUS /XYLEM /HONEYWELL / ITRON
123.	Automatic Meter System Reading (Ultrasonic)	PELTEK / AVVA / DIEH AXIOMA/ BAYLAN/ GLOBAL
124.	Aluminium Formwork	KUN- KANG, VABA, MIVAN, S-Form, MFS, MAIONI, ALFK
125.	Shower enclosure	Jaquar/ Kohler/ GROHE
126.	Cubicles	Century/ Jaqaur/ Greenlam
127.	Anti-Termite Pesticides- (Chlorpyriphos)	DE-Nocil, Bayer, Biflex-TC from FMC, Hilban from HIL.
128.	Expansion Filler Board	3M, Asian Paint, Pidilite, Shalitex-STP
129.	Floor Springs	GEZE, HAFFLE, ASSA ABLOY (YALE)
130.	Expansion Joint System	3M, 3R, Kantaflex, sandfield, Deevin,

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Note: -

The above makes are subjected to the compliance of Make in India norms.

In case approved make for any material/ item is not specified in the NIT, the contractor has to obtain approval of make for that particular item by competent authority after recommendation of Engineer in charge before execution at site.;

In case of non- availability of a particular material / item from specified make, the contractor has to obtain approval of make for that particular item by competent authority after recommendation of Engineer in charge before execution at site.

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8.0 STANDARD CONDITIONS

8.1 The contractor shall complete the work within stipulated time frame as per the accepted rates and specifications as and when required basis.

8.2 The entire work shall be carried out by contractor in accordance with the conditions and specifications stipulated in the schedule of quantity/quotation and in the best workmanship manner and as per standard practice.

8.3 Materials required for satisfactory completion of work shall be of best quality, make, grade, as mentioned in quotation and / or conforming to Indian standard specification (latest edition), wherever applicable, and approved by Engineer in- Charge.

8.4 Contractor to quote the rates including all taxes other than GST, Octroi, entry tax and all other taxes. Any other charges incurred by contractor but not payable as per this work order, will not be paid / reimbursed. GST will be paid in addition to the quoted rate soon production of B2B form.

8.5 Any damage to the Institute property will be made good at contractors' risk and cost.

8.6 The Institute reserves the right to reject the bad work / or pay for the inferior quality work at reduced rates, as will be worked out by Institute. The Institute's decision in this regard will be final and binding on contractor.

8.7 Space for labour huts will not be provided in campus.

8.8 The Institute will not be held responsible for payment of any compensation to the laborers engaged by contractor. Contractor will pay all compensations etc. including accident compensations due to his laborers.

8.9 Implements / materials required for the work shall be provided by contractor. Institute's property/materials shall not be used by the contractor. A suitable penalty shall be charged if contractor fail to observe this condition.

8.10 Contractor shall follow all safety rules and security procedure that are in force and applicable during execution of work.

8.11 The contractor shall comply with the provisions of all acts, statutory rules and regulations etc., of the central and state governments the case may be that may apply to his case. And if necessary, get himself duly registered as require by the said acts, statutes, rules, regulations etc.

8.12 The Institute will not be held responsible for payment of any compensation to the labourers engaged by contractor the labours cannot claim any right for employment in TISS.

8.13 The contractor shall submit he running / final bills. These bills shall be paid after proper and thorough scrutiny by the Institute Engineer after submission of bill.

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8.14 The contractor shall not at any time cause or permit any nuisance on the site or adjoining areas or do anything, which shall cause unnecessary disturbances or inconveniences to the owner, residents, guests, students etc.

8.15 Contract or shall obtain necessary gate pass; labor tokens from the security officer.

8.16 Contractor shall obtain prior permission for carrying out work on Sundays & holidays.

8.17 In case machine is not repairable in the premise, same shall be carried to your workshop at your own expenses with written permission of competent authority.

8.18 Method of work, specification, mode of measurement and other details wherever not mentioned should be followed as per Indian standard code of practice or as per engineer-in-charge's instructions.

8.19 Contractor shall intimate in advance and obtain prior approval before undertaking any extra items. The rate for such extra items, if approved will be based on calculate of existing market rates.

8.20 If there is any abnormal increase or reduction in quantum of work as mentioned in NIT, no compensation or extra rate shall be paid on these accounts.

8.21 The owner will be at liberty to cancel some of the items from the contract. In such cases, the contractor cannot claim any compensation or percentage as profit.

8.22 The Contractor shall employ full-time technically qualified staff with adequate experience during the execution of the work.

8.23 The quality, time schedule for completion of work and well behavior with Client, and engineers of this project shall be essential & must for this project.

8.24 This contract shall be deemed to have been made in Mumbai and only the court of competent jurisdiction in Mumbai shall have jurisdiction to determine any question or dispute arising out of the contract.

8.25 On the completion of the works the contractor shall at his own cost clear away and remove from the site all construction material, equipment's, surplus materials, rubbish and leave the entire site and works clean in a workmanship condition to the satisfaction of the employer.

8.26 Before starting of any work, the contractor shall prepare detailed works schedule showing all mile stones in order to complete the work in time and to the satisfaction of Architect/Engineer-in-charge

8.27 Vendor must submit work methodology/method statement & checklist prior to starting the work. Vendor will not be permitted to work unless method statement is approved.

8.28 Safety of the labours is entirely contractor's responsibility.

9.0 ORGANIZATION INFORMATION

9.1 Name of Applicant/Firm/Organization: -

9.2 Address: -

9.3 Telephone: -

9.4 E-mail: -

9.5 GST Registration: -

9.6 PAN: -

9.7 ESI & EPF: -

9.8 Any registration (PWD/CPWD/BMC/any other organization): -

9.9 Bank Details: -

9.10 MSME Registration: -

9.11 Expertise: -

9.12 Ever worked with TISS: -

Signature & Seal of Bidder

TATA INSTITUTE OF SOCIAL SCIENCES
V.N. Purav Marg, Deonar, Mumbai 400 088

Tender No. TISSFQ12026

Name of Work: "Repair and Maintenance of Faculty quarters I, TISS, Main Campus."

Technical Bid: Eligibility Criteria

Name of the Tenderer		
Sr. No:	**Description**	**Documents Submitted Online (Required Documents Scan Copies Should be uploaded online) Yes /No**
1	Technical Bid: • Each bidder shall upload following documents including the tender document. Tender submitted without any of the following document will be disqualified from the bid process.	
2	Experience of having successfully completed works during the last 7 years ending previous day of last date of submission of tenders.	
3	Three similar completed works, each costing not less than the amount equal to 40% of estimated cost put to tender, or two similar completed works, each costing not less than the amount equal to 60% of the estimated cost put to tender or one similar completed work of aggregate cost not less than the amount equal to 80% of the estimated cost.	
4	Turnover: Average annual financial turnover on construction works should be at least 30% of the estimated cost put to tender during the immediate last three consecutive financial years.	
5	Profit/Loss: The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last five consecutive balance sheet, duly audited and certified by the Chartered Accountant.	
6	Solvency Certificate: Solvency of the amount equal to 40% of the Estimated Cost put to tender (ECPT). Net worth certificate of minimum 10% of the estimated cost put to tender	

Signature & Seal of Bidder

7	Notice Inviting Tender (NIT) along with all the conditions, terms of contract and bidder's instructions duly signed by the bidder.	
8	List of Clients and on-going projects during last 3 years.	
9	Earnest Money deposit of Rs 70,500.00/= (interest free)	
10	PAN Card copy.	
11	GST registration copy.	
12	The documents regarding the satisfactory performance of works, list of completed and ongoing works, personnel, establishment, plant, equipment, Registration certificate of CPWD, PWD, PSU, Government organizations, BMC, empanelment letter of reputed organizations/ institutions etc. may be incorporated.	

Vendor Address & Contact: -

Signature & Seal of Bidder

(BOQ)

Signature & Seal of Bidder

Abstract of Cost-Original Estimate

Campus Mumbai
Department ID&S

Name of Work : Repair and Maintenance of Faculty quarters I, Main Campus

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
1	2	EARTH WORK					
1.1	2.10	Excavating trenches by mechinical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m:					
1.1.1	2.10.1	All kinds of soil					
1.1.1.1	2.10.1.1	Pipes, cables etc, not exceeding 80 mm dia.	330	215.60	metre	71,148.00	SR
		Sub-Total				71,148.00	
2	3	MORTAR					
2.1	3.4	Cement mortar 1:4 (1 cement : 4 fine sand).	5	3,708.80	cum	18,544.00	SR
		Sub-Total				18,544.00	
3	4	CEMENT CONCRETE (CAST IN SITU)					
3.1	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					
3.1.1	4.1.2	1:1.5:3 (1 Cement: 1.5 coarse sand (zone-Ill) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	5.5	8,340.85	cum	45,875.00	SR
		Sub-Total				45,875.00	
4	5	REINFORCED CEMENT CONCRETE					
4.1	5.18	Providing precast cement concrete Jali 1:2:4 (1 cement : 2 coarse sand (zone-Ill) : 4 graded stone aggregate 6 mm nominal size), reinforced with 1.6 mm dia mild steel wire, including centering and shuttering, roughening cleaning, fixing and finishing in cement mortar 1:3 (1 cement: 3 fine sand) etc. complete, excluding plastering of the jambs, sills and sofits.					
4.1.1	5.18.2	40 mm thick	19.61	1,706.55	sqm	33,465.00	SR
4.2	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.					
4.2.1	5.22A.1	Mild steel and Medium Tensile steel bars	100	107.10	kg	10,710.00	SR
		Sub-Total				44,175.00	
5	8	CLADDING WORK					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
5.1	8.2	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, moulding and polishing of edges to give high gloss finish etc. complete at all levels.					
5.1.1	8.2.2	Granite stone slab of colour black, Cherry/Ruby red					
5.1.1.1	8.2.2.1	Area of slab upto 0.50 sqnn	9.8	5,413.50	sqm	53,052.00	SR
		Sub-Total				53,052.00	
6	9	WOOD AND P. V. C. WORK					
6.1	9.1	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).					
6.1.1	9.1.1	Second class teak wood	0.26	1,42,949.70	cum	37,167.00	SR
6.2	9.5	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note: Butt hinges and necessary screws shall be paid separately)					
6.2.1	9.5.1	Second class teak wood					
6.2.1.1	9.5.1.1	35 mm thick shutters	18.9	4,111.95	sqm	77,716.00	SR
6.3	9.7	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick.					
6.3.1	9.7.1	Second class teak wood	16.2	3,323.20	sqm	53,836.00	SR
6.4	9.20	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.					
6.4.1	9.20.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	56.7	3,473.85	sqm	1,96,967.00	SR
6.5	9.71	Providing and fixing IS: 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :					
6.5.1	9.71.1	125x64x2.50 mm	27	129.85	each	3,506.00	SR

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
6.6	9.133	Providing and fixing, in position concealed G.I. section for wall paneling using board of required thickness fixed on the 'W' profile (0.55 mm thick) having a knurled web of 51.55 mm and two flanges of 26 mm each with lips of 10.55 mm, placed @ 610 mm C/C in perimeter channel having one flange of 20 mm and another flange of 30 mm with thickness of 0.55 mm and web of length 27 mm. Perimeter channel is fixed on the floor and the ceiling with the nylon sleeves @ 610 mm C/C with fully threaded self-tapping dry wall screws. Board is fixed to the 'W' profile with 25 mm countersunk ribbed head screws @ 200 mm C/C., all complete as per the drawing & directions of engineer-in-charge, the joints of the boards are finished with specially formulated jointing compound and 48 mm wide jointing tape to provide seamless finish.					
6.6.1	9.133.2	Multipurpose cement board reinforced with suitable fibre cement screw.					
6.6.1.1	9.133.2.1	8 mm thick cement fibre board, Type- B, Category- III as per IS: 14862 : 2000	17.6	1,443.45	sqm	25,405.00	SR
6.7	9.135	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.					
6.7.1	9.135.1	With 2nd class teak wood beading 62X19 mm	44.12	1,597.15	sqm	70,466.00	SR
		Sub-Total				4,65,063.00	
7	10	STEEL WORK					
7.1	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	219	133.70	kg	29,280.00	SR
7.2	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer.					
7.2.1	10.26.1	M.S. tube	50	196.80	kg	9,840.00	SR
		Sub-Total				39,120.00	
8	12	ROOFING					
8.1	12.48	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete (steel frame work to be paid separately).	132	433.45	sqm	57,215.00	SR
8.2	12.49	Providing & laying on roof pressed clay tile ridge (Mangalore tile) of 20 mm thickness and of approved pattern on steel frame work complete (steel frame work to be paid separately).	20	96.90	metre	1,938.00	SR
8.3	12.500	UPVC rofing					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
8.3.1	12.500.1	Providing corrugated 5mm upvc sheet roofing including vertical/curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets 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.	13	1,457.15	sqm	18,943.00	SR
8.4	12.501	Supply and installation of PVC Board Multiwood Thoomanam (Thoovala, Roofing Ornament) (height up to 6 inches) Water,Termite and Fire resistance material	57	200.00	mtr	11,400.00	MR
		Sub-Total				89,496.00	
9	13	FINISHING					
9.1	13.3	20 mm cement plaster of mix:					
9.1.1	13.3.1	1:4(1 cement: 4 fine sand)	75	471.35	sqm	35,351.00	SR
9.2	13.45	Finishing walls with textured exterior paint of required shade:					
9.2.1	13.45.1	New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.20kg/10 sqm	1690	223.60	sqm	3,77,884.00	SR
9.3	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade:					
9.3.1	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	264	160.60	sqm	42,398.00	SR
9.4	13.52	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete.					
9.4.1	13.52.1	On steel work	250	241.75	sqm	60,438.00	SR
9.5	13.62	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:					
9.5.1	13.62.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	250	226.25	sqm	56,563.00	SR
9.6	13.76	Forming groove of uniform size from 12x12 mm and upto 25x15 mm in the top layer of washed stone grit plastered surface as per approved pattern, including providing and fixing aluminum channels of appropriate size and thickness (not less than 2 mm), nailed to the under layer with rust proof screws and nails and finishing the groove complete as per specifications and direction of the Engineer-in-Charge.	12	100.60	metre	1,207.00	SR
9.7	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	50	156.05	sqm	7,803.00	SR

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
9.8	13.88	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	1954	19.75	sqm	38,592.00	SR
9.9	13.94	Painting (one or more coats) on rain water, soil waste and vent pipes and fittings with black anticorrosive bitunnastic paint of approved brand and manufacture on old work :					
9.9.1	13.94.1	75 mm diameter pipes	55.5	26.85	metre	1,490.00	SR
9.9.2	13.94.2	100 mm diameter pipes	55.5	35.50	metre	1,970.00	SR
9.10	13.109	Finishing walls with water proofing cement paint of required shade:					
9.10.1	13.109.2	Old work (one or more coats @ 2.20 kg/10 sqm) complete.	17.6	75.80	sqm	1,334.00	SR
9.11	13.116	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing suficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. using melamine clear polish and melamine thinner mixed in required. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)	47.52	1,360.45	sqm	64,649.00	SR
		Sub-Total				6,89,679.00	
10	14	REPAIRS TO BUILDING					
10.1	14.15	Renewing wooden battens in roofs, including making good the holes in wall and painting with oil type wood preservative of approved brand and manufacture complete, including removal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.					
10.1.1	14.15.1	Sal wood battens	1.8	99,120.65	cum	1,78,417.00	SR

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
10.2	14.90	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer, 3 mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufactured of density at 25°C, 0.87 - 0.89 kg/litre and viscocity 70 - 160 cps. Over the primer coat the layer of membrane shall be laid using butane torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 350/300 N/5 cm. Tear strength in longitudinal and transverse direction as 60/80N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane :					
10.2.1	14.90.1	3 mm thick	481	537.45	sqm	2,58,513.00	SR
		Sub-Total				4,36,930.00	
11	15	Dismantling and Demolishing					
11.1	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	5.5	3,551.25	cum	19,532.00	SR
11.2	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :					
11.2.1	15.12.1	Of area 3 sq. metres and below	50	367.20	each	18,360.00	SR
11.3	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	219	5.65	kg	1,237.00	SR
11.4	15.28	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:					
11.5	15.31	Dismantling tiled roofing with battens, boarding etc. complete including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	132	209.90	sqm	27,707.00	SR
11.6	15.56	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	225	54.65	sqm	12,296.00	SR
		Sub-Total				79,132.00	
12	16	ROAD WORK					
		Sub-Total				0.00	
13	17	SANITARY INSTALLATIONS					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
13.1	17.500	Providing and Fixing siol,waste and vent pipes					
13.1.1	17.500.1	75mm UPVC pipe	111	194.35	Rmt.	21,573.00	SR
13.1.2	17.500.2	110mm UPVC pipe	55.5	310.05	Rmt.	17,208.00	SR
13.1.3	17.500.5	Providing and fixing 75mm UPVC bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.	32	114.50	each	3,664.00	SR
13.1.4	17.500.6	Providing and fixing 110mm UPVC bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.	20	161.75	each	3,235.00	SR
13.1.5	17.500.7	Providing and fixing 75mm UPVC double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete :	32	151.50	each	4,848.00	SR
13.1.6	17.500.8	Providing and fixing 100mm UPVC double equal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete :	20	211.10	each	4,222.00	SR
		Sub-Total				54,750.00	
14	18	WATER SUPPLY					
14.1	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. External work					
14.1.1	18.9.3	25 mm nominal dia Pipes	81	355.40	metre	28,787.00	SR
14.1.2	18.9.4	32 mm nominal dia Pipes	117	438.60	metre	51,316.00	SR
14.1.3	18.9.5	40 mm nominal dia Pipes	220	563.05	metre	1,23,871.00	SR
14.2	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :					
14.2.1	18.17.3	40 mm nominal bore	12	826.10	each	9,913.00	SR
14.3	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :					
14.3.1	18.18.3	25 mm nominal bore	27	464.05	each	12,529.00	SR
		Sub-Total				2,26,416.00	
15	22	WATER PROOFING					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
15.1	22.7	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. “All above operations to be done in order and as directed and specified by the Engineer-in-Charge”:					
15.1.1	22.7.1	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	3	1,684.60	sqm	5,054.00	SR
15.2	22.22A	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer-in-Charge.	125	563.10	sqm	70,388.00	SR

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
15.3	22.23	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, reservior, 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 0.50 mm. 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.					
15.3.1	22.23.1	For vertical surface two coats @ 0.70 kg per sqm per coat	48	472.90	sqm	22,699.00	SR
15.3.2	22.23.2	For horizontal surface one coat @1.10 kg per sqm.	30	362.80	sqm	10,884.00	SR
15.4	22.25	Providing and applying crystalline mortar by mixing in the ratio of 4.5 : 1 (4.5 parts crystalline mortar : 1 part water) for the treatment of faulty construction joints, cracks, tie rod holes and spalled & honeycombed surface of RCC underground structures like basement, water tanks, bridge deck etc. to ensure water tightness. The crystallie mortar shall conform to the EN 1504- 3 having compressive strength Class R4 ≥45 MPa and adhesive bond strength Class R3 ≥1.5 MPa. 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.					
15.4.1	22.25.1	For sealing cracks and faulty construction joints, routed out/ making U-shape groove size 25x25 mm and then primed the area with integral crystalline slurry @0.05 kg/running metre and while the surface is tacky filled the groove upto surface with crystalline mortar @1.50 kg/running metre. Once crystalline mortar is touch dry then finally applied two coats of integral crystalline slurry @0.05 kg/running metre per coat.	50	547.70	metre	27,385.00	SR
		Sub-Total				1,36,410.00	
16	24	CONSERVATION OF HERITAGE BUILDINGS					
16.1	24.500	Bamboo scaffolding					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
16.1.1	24.500.1	Providing and fixing bamboo scaffolding system on the exterior side of building/structure, upto 25 metre height, above ground level and maintaining it in a serviceable condition for execution of work of cleaning and/ or pointing and/ or applying chemical and removing it thereafter. The scaffolding system shall be stiffened with bracings, runners, connecting with the building etc, wherever required, if feasible, for inspection of work at required locations with essential safety features for the workmen etc., complete as per directions and approval of Engineer-in-charge. Note:- (1) The elevational area of the scaffolding shall be measured for payment purpose. (2) The payment will be made once only for execution of all items for such works.	1404	64.56	Sqm	90,642.00	MR
		Sub-Total				90,642.00	
17	26	NEW TECHNOLOGIES AND MATERIALS					
17.1	26.28	Chipping of unsound/weak concrete material from slabs, beams, columns etc. with manual Chisel and/ or by standard power driven percussion type or of approved make including tapering of all edges, making square shoulders of cavities including cleaning the exposed concrete surface and reinforcement with wire brushes etc. and disposal of debris for all lead and lifts all complete as per direction of Engineer-In-Charge					
17.1.1	26.28.2	50 mm average thickness	40	256.35	sqm	10,254.00	SR
17.1.2	26.28.3	25 mm average thickness	330.2	126.75	sqm	41,853.00	SR
17.2	26.32	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75 mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).					
17.2.1	26.32.1	12 mm average thickness.	220	388.65	sqm	85,503.00	SR
17.2.2	26.32.2	25 mm average thickness in 2 layers.	130	587.35	sqm	76,356.00	SR
17.2.3	26.32.3	50 mm average thickness in 3 layers.	40	1,174.70	sqm	46,988.00	SR
17.3	26.35	Providing and injecting approved grout in proportion recommended by the manufacturer into cracks/honey-comb area of concrete/masonry by suitable gun/pump at required pressure including cutting of nipples after curing etc. complete as per directions of Engineer-in-Charge. (The payment shall be made on the basis of actual weight of approved grout injected.)					

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
17.3.1	26.35.3	Epoxy injection grout in concrete/RCC work of approved make	20	553.40	kg	11,068.00	SR
17.4	26.39	Providing and inserting 12 mm dia galvanised steel injection nipple in honey comb area and along crack line including drilling of holes of required diametre (20 mm to 30 mm) up to depth from 30 mm to 80 mm at required spacing and making the hole & crack dust free by blowing compressed air, sealing the distance between injection nipple with adhesive chemical of approved make and allow it to cure complete as per direction of Engineer- In-Charge.	20	236.90	each	4,738.00	SR
17.5	26.78	Providing & Applying weather proof sealant on outer joints of approved make confirming to IS & directed by Engineer-in-charge.					
17.5.1	26.78.1	Sealant 25 mm x10 mm at joints	90	178.95	metre	16,106.00	SR
17.6	26.86	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5 mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.					
17.6.1	26.86.2	Frame size 45 x 85 mm	78	926.35	metre	72,255.00	SR

ITEM No	CODE	SUB-HEADS AND ITEM OF WORK	QUANTITY	RATE (Rs)	UNIT	AMOUNT (Rs)	
17.7	26.87	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)					
17.7.1	26.87.1	30 mm thick	23.62	4,346.70	sqm	1,02,669.00	SR
		Sub-Total				4,67,790.00	
		Total				30,08,222.00	
		Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 * 2906180 = 2827713				29,29,755.00	
		Add Cost Index @16% on SR&DR Total 28,27,713.00				4,52,434.08	
		Total				33,82,189.08	
		Contingencies				0.00	
		Total				33,82,189.08	
		Add Add EPF@3.125% &ESI@0.813% =3.9375% @3.9375% on 33,82,189.08				1,33,173.70	
		Grand Total				35,15,362.78	
		Say				35,15,363.00	

(Rupees Thirty Five Lakh Fifteen Thousand Three Hundred Sixty Three only)

Assistant Engineer (Rahul Shende)

Validate Print Help

Percentage BoQ

Tender Inviting Authority: Registrar, TISS

Name of Work: Repair and Maintenance of Faculty quarters I, TISS, Main Campus.

Contract No: TISSFQ12026

Name of the Bidder/ Bidding Firm / Company :	

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

Sl. No.	Item Description	Quantity	Units	Estimated Rate in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT With Taxes in Rs. P	TOTAL AMOUNT In Words
1	Repair and Maintenance of Faculty quarters I, TISS, Main Campus.						
1.01	Repair and Maintenance of Faculty quarters I, TISS, Main Campus.	1.00	Lump Sum	2979121.19	**2979121.19**	**2979121.19**	INR Twenty Nine Lakh Seventy Nine Thousand One Hundred Twenty One & Paise Nineteen Only
Total in Figures					**2979121.19**	**3515363.00**	INR Thirty Five Lakh Fifteen Thousand Three Hundred Sixty Three & Paise Zero Only
Quoted Rate in Figures			**Select**		**0.00**	**0.00**	INR Zero Only
Quoted Rate in Words	**INR Zero Only**						