



॥ सा विद्या या विमुक्तये ॥

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भारतीय प्रौद्योगिकी संस्थान धारवाड

Indian Institute of Technology Dharwad

Near High Court, PB Road, Dharwad-580011

TEL NO: +91 836 2212 839

Tender for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for one year to IIT Dharwad in WALMI Campus

Tender no: IITDH/IPS/EE/2021-22/002

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NOTICE INVITING TENDER

| | | |
|---|---|--|
| Name of the work: | Tender for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for one year to Indian Institute of Technology Dharwad in WALMI Campus | |
| Type of Tender: | Open Tender Enquiry | |
| Estimate Value: | Rs.15.00 Lakhs approximately | |
| Cost of tender documents | Free of cost | |
| EMD: | Nil | |
| Issue of tender: | 3 rd November 2021 | |
| Last date for submission of tender: | Date: 23 rd November 2021 | |
| | Time: 10:00 AM | |
| <u>Two Bid System:</u> - | | |
| <p>The two bid system will be followed for this tender. In this system bidder must submit their offer in separate sealed envelopes as – Technical Bid and Financial Bid. Separate technical bid and financial bid envelopes should be clearly marked as "Envelope No. 1 - Technical Bid" and "Envelope No. 2 - Financial Bid". Both these sealed covers are to be put in a bigger cover which should also be sealed and duly super-scribed with our Tender No. & Due Date and to be submitted to the concern department/section mentioned in tender document. Note: The technical offer should not contain any price information. If the price quoted is submitted in technical bid, the tender will be rejected at the sole discretion of IIT Dharwad. Initially Technical Bids will be opened and evaluated by the works committee. Financial bids of only Technically qualified bidders will be opened later. Contract/ Work Order will be awarded to the lowest bidder (L1) identified.</p> | | |
| Covers Information / Submission of Bids | | |
| Cover No. | Cover Type | Description |
| 1 | Technical | EMD, Technical Specification, Tender Document, Schedule of Requirement and Compliance, Bidders Information/Indian Agent Information, Previous Work Orders etc. |
| 2 | Financial | Financial Bid |
| Opening of technical bid: | Date: 23 rd November, 2021 Time: 10:30 AM | |
| Schedule of Opening of Commercial Bids | Schedule for opening of Financial Bid will be notified only to the bidders qualifying the Technical Bid. Presence of the bidder or his/her authorized representative at the time of opening of the Commercial bid is highly preferable. | |
| Contacting Authority: | The Executive Engineer (EE-IPS) Near High Court, P B Road Dharwad-580011 E-mail: ee.ips@iitdh.ac.in . Telephone: 91-836-2212-839 | |

Tender no: IITDH/IPS/EE/2021-22/002

1. GENERAL CONDITIONS OF CONTRACT

Sealed tenders are hereby invited on behalf of the Indian Institute of Technology, (IIT) Dharwad, for providing Annual Maintenance Contract (AMC) in respect of Civil and Miscellaneous works for one year to Indian Institute of Technology Dharwad in WALMI Campus, Karnataka.

2. QUALIFICATION CRITERIA:

Only those bidders fulfilling the following Eligibility Criteria should participate in the tender: -

- 2.1 Bidders should be registered Government Contractor of Class II and above and must be in the business of providing AMC in respect of civil works since 3 years or more (i.e. the firm must be in the business since November 2018 or earlier).
- 2.2 The Bidder must have carried similar annual Civil ASMC work as per following range in reputed organizations/IITs/IIMs/Govt. offices/PSUs/Central Universities etc. during a period of last 5 years (i.e. must have successfully completed the work during November 2016 till date). Completion certificates etc. to this effect are required to be enclosed.
 - a. At-least three completed and similar annual works of 40% estimated value of this contract (i.e. Rs.6 lakh) (OR)
 - b. At-least two completed and similar annual works of 60% estimated value of this contract (i.e. Rs.9 lakh) (OR)
 - c. At-least one completed and similar annual work of 80% estimated value of this contract (i.e. Rs.12 lakh).
- 2.3 A Certificate/Undertaking on the letter head of the Company to the effect that the bidder has not been blacklisted anywhere in India or abroad by any organization. A self-certification to this effect is required to be enclosed.
- 2.4 The Bidder should be registered with concerned statutory authorities for GST/Income Tax etc. The bidder should furnish relevant GST registration documents and PAN/TAN copies along with the bank details of the firm.

Any prospective bidder, not satisfying any of the above mentioned qualification criteria shall be disqualified on technical grounds and the price bid of such disqualified bidder will not be considered for this tender.

3. Tender documents can be obtained from IIT Dharwad website:

http://www.iitdh.ac.in/announcements_worktenders.php

4. Tenders are invited under Open Tender Enquiry and two bid system for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for a period of one year to IIT Dharwad WALMI Campus. Technical Bid along-with supporting documents shall be submitted in separate sealed envelopes and then encased inside one sealed envelope super

scribed 'Technical Bid for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for a period of one year to IIT Dharwad WALMI Campus'. All the pages of this tender document along with necessary Appendices (as applicable) duly signed and stamped, will form the technical bid.

5. The bidder must submit the following documents/information within the Technical Bid (all 5 criteria to be mandatorily fulfilled for technical qualification):

- a. The entire tender document duly signed on each page.
- b. Copy of the valid PAN Card, Goods & Sales Tax Registration be forwarded.
- c. Proof of establishment of company/business for a period of more than 5 years.
- d. Completion certificates by the Bidder for annual Civil AMC work in reputed organizations/IITs/IIMs/Govt. offices/PSUs/Central Universities etc. during a period of last 5 years (as per the qualification criteria limits).
- e. A Certificate/Undertaking on the letter head of the Company to the effect that the bidder/Manufacturer had not been blacklisted anywhere in India or abroad by any organization.

6. The Price Bid as per Annexure-2 with this tender document, should be duly filled, stamped and signed by the authorized signatory of the agency/firm/company and sealed in a separate envelope super scribing 'Financial Bid for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for a period of one year to IIT Dharwad WALMI Campus'.

7. The Technical bid and the Price bid shall be sealed in one envelope super scribing 'Tender for providing Annual Service Maintenance Contract (ASMC) in respect of Civil and Miscellaneous works for a period of one year to IIT Dharwad WALMI Campus'.

8. The technical bids shall be opened as per schedule placed at Notice Inviting Tender (NIT). The vendors who are short listed after qualifying technical bid evaluation will be intimated the date of opening of price bids subsequently through proper means. IIT Dharwad reserves the right to reject any or all the tenders/bids without assigning any reason thereof.

9. Tenders are to be submitted in a serially numbered & bounded manner. The tender should be submitted in the **tender box by the tenderer kept in Office of Executive Engineer up to 10:00 AM** on or before last date and time of bid submission as mentioned in Notice Inviting Tender (NIT) and will be opened by **Executive Engineer** or his authorized representatives in his office / any other place in the Institute on date and time of tender opening as mentioned in NIT, in the presence of such tenderers who desire to attend.

10. Tenders should be addressed to **Executive Engineer, Indian Institute of Technology Dharwad, Near High Court, PB Road Dharwad 580011**. The name of the tenderer and the name of the work must be noted on the above.

11. Income Tax PAN number & GST registration number is to be submitted along-with the bid.

12. The tenderers should write in figures as well as in words for the rates quoted by them on the proper form of the tender. All corrections / over writings must be attested by the dated initials of the contractor. The tenderer is advised to avoid offering discount /rebate in the covering page or at the end of the schedule. Instead the same can be incorporated in the unit rate by reducing the unit rates. If at all offered, the discount / rebate percentage offered is to be written in words such as Five percent / point Five percent etc.

13. The rates quoted shall be exclusive of GST. The contractor shall quote for all the items whose rates are asked and not leave any blanks. All taxes including GST shall be borne by the contractor &

shall be reimbursed on the submission of relevant documents.

14. The offer should be valid for 90 days from the date of opening for the purpose of issue of acceptance letter. The amount quoted herein after referred to as Base rate must be firm and inclusive of all charges of any kind and inclusive of any kind of liability from / to any authority. GST shall be mentioned separately and must not form part of base price. There will be no extra payment or payment of escalation in the amount under any circumstances whatsoever. Statutory taxes will be deducted at source from the payment against the bill amount.

15. No part of the contract shall be sublet without written permission of IIT Dharwad nor shall transfer be made to power of Attorney authorizing others to receive payment on contractor's behalf. No extra item or substitute item shall be allowed out without prior approval in writing.

16. Work has to be carried out in consultation with the representative as authorized by IIT Dharwad. The contractor whose tender is accepted will be required to furnish security deposit for the due fulfillment of his contract. Security deposit shall be deducted from each running account (RA) bill @5% (Five percent) of the amount of work executed and claimed in the bill.

17. Process for execution of Civil ASMC Works: The successful contractor shall execute the Civil AMC work only upon receipt of the written approval. No work shall be commenced without obtaining written sanction from the representative of IIT Dharwad (Office of Dean-IPS). The written approval shall form the basis of execution of work at site and must be enclosed with the RA bills for the purpose of measurement of work carried out and settlement of bills. Failure to obtain written permission to carry out the work and non-submission of approvals with the bills may result in deduction of final payment.

18. IIT Dharwad reserves the right to reject any tender or all the tenders without assigning any reason therefore.

19. The Contractor shall comply with the provisions of all Acts, Statutes, Rules, Regulations etc. of the Central and State Government as the case may be that may apply to his case and if necessary, get himself duly registered as required by the said Acts, Statutes, Rules, Regulations etc.

20. The contractor for the work shall be liable to pay applicable tax (including Taxes on works contract to state Government) if any that may be levied by the State or Union Government. Any request contrary to this will not be accepted.

21. Period of ASMC: Initially for a period of one year from the date of award of work order. The period of AMC may be extended subject to the mutual consent & satisfactory performance of the contractor. The tender may also be extended for part/whole of the year (if required) and under the same terms, rates & conditions applicable for the period of extension granted.

22. Terms of payment: As per the measurements at site and on certification of the site engineer.

- a) The contractor shall submit his monthly bill along with monthly muster sheet & written approvals. Kindly note that the monthly bills for work done under ASMC must be submitted by 15th day of next month (i.e. for the work done in September 2021, the bills must be submitted on or before 15th October 2021 along with all the measurements & approvals). Submission of delayed bills may lead to imposition of penalty @ 0.5% of bill value for each delayed week.
- b) The payment shall be released through NEFT/RTGS payment system only in the bank account of the contractor after necessary deduction of statutory dues.
- c) TDS and other Statutory taxes shall be deducted at the source from the monthly bills.

23. It shall be open to the Institute to abandon or give up at any stage of the construction of any of the said works or any part thereof. In the event of such abandonment or giving up or in the event of

termination of the agreement, the Contractor shall be paid up to the work performed by then.

24. Deviation, Extra Items & Approvals for Pricing:

In case of execution of any extra items(s), apart from the BOQ, contractor must intimate the office of Dean (IPS) to obtain prior sanction for carrying out the work along with the quantities & rates. Thereafter, the contractor may submit the bills as per the usual practice of submission of RA bills.

DEVIATION LIMIT FOR THE CONTRACT ITEMS IS 50%.

The respective items up to 50% of the quantity shall be executed at same rates, terms & conditions with the approval of Dean-IPS within the limit of total work order value. Any contract items which exceed the limit of 50% & till 10% of contract value shall be executed at same rates, terms & conditions after the budgetary sanction recommended by the Dean-IPS & approved by the competent authority.

25. Termination of contract: If the Contractor fails to perform any of its obligations under this agreement or if Institute is dissatisfied with the services of the Contractor, Institute may issue seven days' written notice intimating the Contractor of their failures or deficiencies and calling upon Contractor to rectify within such time as may be specified in the notice and if the Contractor fails to perform such obligation or make good such deficiencies as pointed out to the Contractor in the notice, Institute may terminate the services of Contractor under this agreement. Institute may also terminate the Contract hereunder:

- i) if the firm is adjudged bankrupt or
- ii) if they make a general assignment for the benefit of their creditors or
- iii) if a receiver is appointed on account of their insolvency or
- iv) they disregard law, ordinances, rules, regulations or orders of any public authority having jurisdiction on the works.

The termination shall be without prejudice to all rights, liabilities and remedies that have arisen or accrued till date of such termination or that may arise on account of such termination and Institute may get the project completed by whatever method they may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment, if due, until the loss, damage or expense incurred by Institute due to breach of this agreement by Contractor have been settled.

In case the Contractor abandons the work during the course of the project, the Institute has the right to appoint an alternate Contractor or make an arrangement for carrying out the work of Contractor, at the risk and cost of the Contractor. Traveling / daily allowances shall not be payable to the Contractor, its representatives, officials and consultants engaged by it for their visit to construction site, offices of local authorities, Employer's office or any other place in Dharwad.

The scope of work broadly described herein and assigned to Contractor, as their area of responsibility is inclusive of all constancy and other services required in connection with the completion of work whether specifically mentioned herein or not and rendering such constancy services will not entitle the Contractor to charge any additional fees in as much as the same are included in the overall professional fees payable to them.

26. Liquidated Damages Clause: If any delay in execution of the works is attributable to the acts or omissions and commissions of Contractor Institute shall be entitled to recover liquidated damages at the rate of 0.5% of the total fees per week of delay limited to maximum of 10% of the total actual fees payable.

27. Professional indemnity: Contractor warrants that it shall exercise high degree of care and diligence in rendering the services pursuant to this agreement and that; such services shall be of a quality and standard satisfactory to Institute. The Contractor shall indemnify Institute from any damage or loss arising from such lack of care and diligence or arising out of any unsatisfactory performance of service by Contractor. The contractor is required to obtain a Contractor All Risk (CAR) policy for successful and safe completion of project. Contractor shall provide a copy of this policy to Institute showing that such insurance has been taken and being maintained and that all the premia thereon have been paid. A certified copy of such insurance policy shall be deposited with Institute.

28. Dispute Settlement: In case of any dispute or difference arise between the parties during the progress of or after construction of this contract or touching or relating either to the said buildings or works, or to any other matter or thing arising directly or indirectly under this contract, then and in such an event the same shall be referred to Director, IIT Dharwad as the SOLE ARBITRATOR who shall alone consider and determine the same, whose decision / award shall be binding and conclusive upon both the said parties and this clause shall be deemed a submission within the meaning of Arbitration and Conciliation Act 1996 or Statutory modification or re-enactment thereof. It is specifically agreed that the Contractor shall continue to render its services provided herein with all the due diligence, professional skill and tact notwithstanding that any matter, question or dispute has been referred to arbitration. The venue of Arbitration proceedings shall be Dharwad. It is further agreed between the parties as hereto that the Dharwad Courts alone shall have the exclusive jurisdiction.

29. Site: The contractor shall remove all surplus materials, debris etc. out of the IIT Campus from the site of work on completion work and will hand over the site clean before the bill is processed for final payment. Dismantled materials if any (declared by Engineer-in-charge of the work) shall be returned to the Estate/ Electrical stores by the contractor at his own cost. The disposal of material shall be done in environmental friendly way and complying with the local rules and regulations.

30. Security:

a. Movement of contractor's materials:

Any materials which are removed from the site of work and are required to be taken out from the IIT campus, the contractor should follow the following procedure:

The contractor shall apply in writing to the Engineer- in-charge the details of the materials to be removed including which are rejected etc. This application shall be endorsed by the engineer in charge or his authorized representatives. The materials shall only be allowed to go out of IIT campus after counter signature of the security officer and checked at the gate. No materials/tools will be allowed to be brought on holidays/Saturdays/Sundays inside the campus. Contractors can bring the materials/tools/between 0900 hours and 1700 hours on any working day (Monday to Friday). This may please be noted.

b. Search:

Thorough search of all persons and transport shall be carried out at each gate and for as many times as gate is used for entry or exit and may also be carried out at any time or any number of times at the works site within the restricted area.

c. Working Hours:

The units controlling restricted areas usually work during five days in the week and remain closed on Saturday and Sundays. The working hours available to contractor's labour and staff are however appreciably reduced because of the time of entry and exit during working hours. The exact working hours, working days and non-working days observed for the restricted areas where works are to be

carried out shall be deemed to have been ascertained by the contractor before submitting the tender. The tenderer's attention is invited to the fact that the total number of working hours for units are prescribed in regulations and no work beyond the prescribed working hours shall be permitted.

d. Entry and Exit:

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 only such gate or gates and at such times as the concerned authorized in charge of the restricted area may, at their sole discretion, permit. Contractor's authorized representatives, if required, are to be present at the places of entry and exit for the purpose of identifying his carts, trucks, etc. to the personnel in charge of the security of the restricted area.

e. Labour Law:

The work will be executed strictly following the Labour Laws of Central Govt & State Govt as may be applicable.

31. Scope of Work

- a) To maintain, repair and retrofit, construct and other civil services etc. under the custody of IIT Dharwad in WALMI Campus.
- b) The contractor posted should attend and available in the IIT Dharwad WALMI campus to attend the work 24 x 7 on all days.
- c) The contractor will be responsible for undertaking all types of repair /replacement pertaining plumbing/sanitary work in the entire WALMI campus under custody of IIT Dharwad.
- d) The necessary materials viz. plumbing pipes fittings, spindles, CP fittings, stone ware pipes, GI/PVC drainage pipes with fittings of approved quality required for day to day maintenance/repair/replacement will be arranged by the contractor.
- e) The contractor shall provide tools necessary for the work and no work should be left un-attended for wants of tools.
- f) The contractor has the responsibility to provide all safety garments, equipment's, tools etc. to his staff or the persons dealing with work.
- g) Maintaining a register for all activities detailing date, time, item, item description, quantity, complaints diagnosis, time of completion of work etc. The register will be daily shown to the authorised staff of IIT Dharwad and countersigned to acknowledge the activities attended to reflect daily progress. The payment claimed by the contractor will be cross-checked with this register on each occasion.
- h) The contractor shall ensure that all energy efficient appliances, spare parts should be replaced as per the standard of approved make/brand by PWD, KPTCL or HESCOM.
- i) It shall be responsibility of the contractor to execute the work of maintenance and repair including replacement of sanitary and plumbing fittings at all levels and heights of the buildings for which necessary Jhoola, safety belt, Scaffolding, helmets etc. will be arranged by the contractor at their cost.
- j) The carpenter's service should be available as and when required.
- k) The work of the contractor will be supervised by the authorised representative /Engineer of IIT Dharwad
- l) The maintenance contract consists of operation and maintenance of existing buildings, plumbing and related services, petty civil works, construction of sheds, fast track structures, maintenance of staff quarters, roads and path ways etc. as detailed in schedule accompanying the notification and tender documents.
- m) The operating/ Supervisor staff shall possess the knowledge of firefighting and first aid.
- n) The operating/supervisor personnel shall have the basic knowledge and technical skill of civil execution works to carry out civil and plumbing works independently in case of emergency and urgent repair works.
- o) The contractor/operator/supervisor personnel shall have a clear working knowledge of the

various BOQ items and shall not meddle /alter the BOQ items without the permission of the Institute.

- p) Any other work of similar nature as and when assigned.

32. Evaluation Criteria:

The L-1 will be decided on the Grand Total Rate quoted for the work. All levies/taxes (i.e. GST etc.) must be clearly mentioned in the row provided for the purpose (as per format of Financial bid).

However, the decision of the Competent authority will be final and binding in awarding the order. In case of any clarification required, the same can be clarified from IIT Dharwad before submission of the bids.

Annexure-1

Bidder Information

| | | |
|----|-------------------------------------|--|
| 1. | Name of the Bidder | |
| 2. | Address of the Bidder | |
| 3. | Government Registration Class | |
| 4. | PAN No. | |
| 5. | GSTN No. | |
| 6. | State of GST Registration | |
| 7. | E-mail | |
| 8. | Contact Person's Name & Designation | |
| 9. | Mobile No. | |

Signature of the Bidder with date and seal

INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
Near High Court, PB Road, Dharwad-580011
TEL NO: +91 836 2212 839

Tender no.: IITDH/IPS/EE/2021-22/002

SCHEDULE OF WORK / BOQ / PRICE BID
(To be quoted on the letter head of the bidder)

Price Bid for CIVIL ASMC

| Sl.No | Particulars | Unit | BOQ Qty | Rate | Amount |
|-------|---|----------|---------|------|--------|
| 1 | Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (External work). | | | | |
| | 13.87.1 15mm nominal OD pipes | m | 40 | | |
| | 13.87.2 20mm nominal OD pipes | m | 40 | | |
| | 13.87.3 25mm nominal OD pipes | m | 40 | | |
| | 13.87.4 32mm nominal OD pipes | m | 10 | | |
| | 13.87.5 40mm nominal OD pipes | m | 15 | | |
| | 13.87.6 50mm nominal OD pipes | m | 20 | | |
| 2 | Supply of Labours | | | | |
| | a) Unskilled | Nos | 700 | | |
| | b) Plumbers | Nos | 700 | | |
| | c) carpenters | Nos | 80 | | |
| | d) masons | Nos | 25 | | |
| | e) welders | Nos | 25 | | |
| | f) fabricators MS/Aluminium | Nos | 45 | | |
| | g) Inspection and drainage chamber cleaners | Nos | 35 | | |
| 3 | Machineries on Hire basis | | | | |
| | Providing of tractors | Day | 45 | | |
| 4 | Providing and supplying of water tankers capacity (3000 lts) | per trip | 8 | | |
| 5 | Periodic cleaning of syntax water tanks as per the instruction of the Institute. Cleaning must include (pressure jet washes, approved detergents, approved disinfectants, dryers and hygiene and good cloths) etc and as per instruction of the Institute | Nos | 50 | | |
| 6 | KSRB 6-6.2 :Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5 Newtom/Sqmm (Machine moulded Wirecut bricks) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 | Cum | 3 | | |
| 7 | KSRB 15.3.1 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. | Sqm | 50 | | |

| | | | | | |
|------|---|--|-----|--|--|
| 8 | Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty, Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade papers, includin cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be cosidered a) 100% for fresh surface b) Upto 10% for repainting | Sqm | 100 | | |
| 9 | KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.do with primer. | Sqm | 200 | | |
| 10 | Providing and finishing external walls in two coats over one coat of primer with antifungal paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. | Sqm | 200 | | |
| 11 | KSRB 4-1.1: Providing and laying in position plain cement concrete of mix M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggretes @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications including shuttering (if required) | Cum | 4 | | |
| 12 | Fabricating, supplying & erecting M.S. Truss and other structural members like, beams, columns, brassing members etc. All the members are welded properly where ever required and proper and rigid supports shall be provided by welding, appropriate nut bolt connction by considering required anchor lengths of bolts. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10 mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, & hire charges of machineries for cutting, welding, grinding & erection equipments, etc., complete as per specification | kg | 250 | | |
| 13 | Water proofing (others items S.No. 38.2: innovative items such as water proofing concrete items such as slabs and terriases, providing and applying water proofing to roofs slabs, terrases, podium etc as per specifications mentioned on page 275 Schedule of rates 2018-19. | Sqm | 125 | | |
| 14** | Miscellaneous works like: Plumbing materials, sanitary materials, water fixtures and faucets,Pump Bore materials and Repairs, Ply wood materials, safety nets, fixing of wash basin mirrors, sealenting works, hardware items, stainless steel works, hardwares etc. | Lumpsum rate to be quoted** (please refer the details below) | | | |
| | Sub-Total | | | | |
| | GST @12% or as applicable | | | | |
| | Grand Total | | | | |

Important note for quoting the rates for supply of labour/manpower:

The Price Bid is to be quoted after taking into account - Minimum Wages for Zone 'B', as prescribed by Central Ministry of Labour & Employment, Govt. of India, as applicable on the date of issue of this tender. ESI, EPF & other statutory payments should not be less than what is stipulated by the statutory provisions / acts by the Central Government. Any bidder quoting labour wages lower than the minimum wages will be rejected and price bid will not be considered. The proof of payment of minimum wages, EPF, ESI, relieving charges (along with ESI & EPF, if applicable) etc. is required to be submitted for processing the monthly bills. The payment will not be processed in absence of documentary evidence for compliance with statutory requirements in respect of labour/manpower.

** Please note that the lumpsum rate to be quoted for miscellaneous works under sl. no. 14 of price bid shall range from 10-12% of the overall tender value. The bidder is required to procure items after approval from the representative of IIT Dharwad and shall commence the work. The complete details of the work will be discussed with L-1 bidder before issuing the work order.

Declaration: I/We do hereby accept all the terms and conditions laid down in the tender document for the above said work/supply. I/We also agree to the condition that the right to suspend the tender process or part of the process, to accept or reject any or all the tenders at any stage of the process and/or to modify the process or any part thereof at any time without assigning any reasons thereto is reserved by the Competent authority of the Institute without any obligation or liability whatsoever.

Signature of the Bidder with date and seal

Annexure-3

LIST OF APPROVED MAKE/MODEL

- 1) All material shall confirm to relevant technical specification. The material shall be further subjected to tests in the recognized laboratories at the sole discretion of the Institute and shall be at contractor's cost.
- 2) Material bearing appropriate IS marking and having valid licence for the last 3 years shall be given preference while selecting for the work
- 3) In the case of material which are not widely available with IS marking in the market but confirm to the technical specification mentioned in the tender documents, the same shall be procured from any of the manufacturer listed below after prior approval of the Institute.
- 4) Reinforcement steel shall be procured from any vendors who have the license for at least 5 years for manufacture of BIS or Tor allies, subject to prior written approval of the Institute. Steel samples of all the lots procured shall be subject to testing through recognized laboratories and shall be at contractor's cost.
- 5) Cement for the work shall have relevant IS marking and every lot shall be subject to tests in the recognized laboratories and shall be at contractor's cost.
- 6) Institute can approve any other brand subject to verification of the adherence to the relevant technical specification

| Sr. No | Description | Approved Makes |
|---------------|---|--|
| 1 | Cement(Grey) | ISI marking confirming to point 2 and 5 above |
| 2 | Cement (White) | Birla/J.K. |
| 3 | T.M.T. steel | ISI marked confirming to point 4 above |
| 4 | Structural steel | SAIL/TATA/JRINL/IISCO/VIZAG |
| 5 | Ready mix concrete | ACC/L&T/Ultrateck/Lafarge/RMC/Godrej/skyway |
| 6 | Precast Concrete product | Siporex Ind; B.G.Shikre & co.; Supreme Concrete Minato Blocks-Kolhapur |
| 7 | Antitermite treatment | Chemical and agency -Approved by IPCA |
| 8 | Stainless steel | Jindal/SAIL/Golden |
| 9 | Ceramic Tiles | Kajaria-flooring/H.R. Johnson(i)/Nitco/Somani |
| 10 | Concrete cover Block | Raj Cover blocks/Astra concrete products |
| 11 | Ceramic mosaic tiles | Shon |
| 12 | Paver Series | H.R. Johnson(i)/ Sirex |
| 13 | Kotah stone | As approved by Architect |
| 14 | Steel grey granite | As approved by Architect |
| 15 | Vinyl Flooring | Responsive/Nora /Armstrong |
| 16 | ABD paint | Asian paints/Nerolac/ ICI/Garware paints/ /Jenson Nicholson/Noble Paints |
| 17 | Texture paint -External | Sherwin Williams/NITCO-Ruff &Tuff-Verticle Asian paint-Rough Tex-Verticle Scratch ,Godavary Paints Ltd.- Syntetic Plaster Duraplast-verticle |
| 18 | Enamel paint | Asian paint/ICI/Nerolac/Berger/Jenson Nicholson |
| 19 | Glass for windows | Saint Gobain/Modi/Triveni/Shree Vallabh/I.A.G./ Float Glass India Ltd/Asahi |
| 20 | Aluminium section for Doors, windows & wall | Indal/Jindal/Hindalco/Bengal rolling Shutters-Kolkata/Geeta |

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| | spans | |
| 21 | Steel doors, windows and pressed steel door frame | Sen Harvic; SGEW;HOPES Metal; Multiwyn; R.I. vala & sons;Modem Fabricators, Calcutta; Techome; Nishan Solid door frame; windows; welcome door; Behar Bobbin & Engg. Works; Anjali Enterprises; Sunbeam; Abaqs System; Ankur Ind. Kolkatta. Mahalaxmi Engg. Works. |
| 22 | Anodized aluminium fittings for doors/window | Crown/ALANS/Classic/Bharat/Argent/Shalimar |
| 23 | PVC/FRP doors and frame | Deep doors; Fibroplast-Latur |
| 24 | Flush doors | Duraboard/Kit ply/Marino ply/ Shreeji Doors,Anand Wood Craft and Other ISI Marked make |
| 25 | Laminate | Greenlam/Merinolam |
| 26 | Integral Water Proofing compound | Accoproof;Cico; Impermo; Pidilite; Roff; Mc Bouchmie;Fosroc |
| 27 | White cement-based putty for concrete/plastered surface | Wall care putty of Birla white;Plasto shine wall putty of Walplast Products pvt. Ltd. |
| 28 | Polycarbonate sheet | Danpalon/Alcox/polygala/Lexan |
| 29 | Floor spring & floor lock | Dorma/Sevax/Casma |
| 30 | Mild steel Butt Hinges/Piano hinges | Jolly/Garg/AMIT/ASI Supreme |
| 31 | Door hardware as specified in the item | |
| 32 | Waterproof cement paint | Snowcem/Asian Paint/Berger |
| 33 | Nuts Bolts/screw | Kundan/Puja/Atul |
| 34 | Mineral Fiber Ceiling | Lloyed/Nittobo/Armstrong |
| 35 | Welding Rods | Ador/Cosmos/ Esab/Super Bond(s) |
| 36 | Fastener | Fisher/Hilti |
| 37 | Ready mix plaster | Ultratech/J Kumar Plast/ K95(Krishna) / Sound Buildcare Pvt. Ltd./M/s Premier floor to roof material pvt. Ltd. M/s Wall Plast Products |
| 38 | AAC block | Ultratech/Ascolite/ Siporax/ Godrej and Boycee |
| 39 | Vitrified tiles | RAK/H.r. Jhonson(i0 /Nitco/ Somani/ Kajaria |
| 40 | Structural glazing Al. section | Indal/Jindal/Hindalco/Bengal Rolling shutters-kolkata/Geeta/Banco Aluminium/Royal touch |
| 41 | A C. P | DURABUILD, ALUBOND, ALUDECORE |
| 42 | Water Closet | Parryware-Orissa open rim code CO111-500x400 Hindware-Orissa Open-Cat No 20043 |
| 43 | Wash basin | Parryware-Co471 Hindware-WINDSOR cat no.10036 Cera-CADMAN 2812 wash basin |
| 44 | CP brass fittings and fixture such as bib tap, stop cock pillar tap waste coupling, bottle trap grab bar | Kingston, Jaquar, GEM or as specified in theitem |
| 45 | stainless steel sink | Nilali.Neelkanth/AMc,Jayna or approved eq. |
| 46 | Floor drain fixture, rain water Outlet | ACO/GMGr/Geberit47 G.i/M.S pipes / Viega |
| 47 | Ball valve | MBM .Sant, Techno,A.i/(JS) ZOLOTO or approved eq. |

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| 48 | S.W. pipe | Kashmira ,rajura ,Girgo .perfect ,C.I or approved |
| 49 | HDPE pipes | Prince, Goutam, Duraline, Kimplas/reliance or approved eq. |
| 50 | SS pipe | Remi/ Virga |
| 51 | SWR-UPVC pipe and fittings | Prince, Premium, supreme, Finilax. Kisan .perfect potteries, Jabalpur |
| 52 | PVC flushing cistern | Commander. hindustan, duralite or approved Eq. |
| 53 | flush valve | Jaguar.Parko,Orient |
| 54 | Upvc pipe | Astral/Finolax/Supreme |
| 55 | Cpvc Pipes | Ajay/ Ashirwad/ Supreme |
| 56 | Ball Float Valve | Esseti/HBD/Zoloto |
| 57 | Fire Extinguisher | Honeywell/ L& T/Ceasefire |
| 58 | Galvolume sheet | Bhushan, Jindal |
| 59 | Any item not covered above | As approved by Competent Authority at IIT Dharwad (item to be used after according written approval) |