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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/2022-23/001

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

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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.30.26 Lakhs approximately
Cost of tender documents	Free of cost
EMD:	Nil
Issue of tender:	16 th June 2022
Last date for submission of tender:	Date: 7 th July 2022 Time: 10:30 AM
Opening of tender:	Date: 7 th July 2022 Time: 11:00 AM
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/2022-23/001

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 I 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 June 2019 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 June 2017 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.13.72 lakh) (OR)
 - b. At-least two completed and similar annual works of 60% estimated value of this contract (i.e. Rs.20.58 lakh) (OR)
 - c. At-least one completed and similar annual work of 80% estimated value of this contract (i.e. Rs.27.44 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 to be submitted in a serially numbered & bounded manner. Tender should be placed in sealed cover super-scribed with the name of the work and the same will be put in the tender box by the tenderer kept in Office of Executive Engineer up to 10:30 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.

5. Tenders must be submitted in sealed covers and should be addressed to The Executive Engineer (EE-IPS), 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.

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

7. 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.

8. 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.

9. 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.

10. No extra item or substitute item shall be allowed out without prior approval in writing.

11. Work has to be carried out in consultation with the representative as authorized by IIT Dharwad.

12. 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.

13. The full value of Earnest Money Deposit is to be absolutely forfeited to the Director, IIT Dharwad or his authorized representative, with prejudice to any other rights or remedies to the Director, IIT Dharwad or his authorized representative, if the contractor fails to commence the work within 15 days continuously from the schedule date of commencement specified.

14. 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.

15. **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. It is mandatory that the contractor himself or his responsible representative nominated shall be on site by 9: 00 AM on all duty days without fail. In case the same is not followed even after three written intimations 1% of the bill value shall be deducted. All the item rate works executed shall be recorded as joint measurement indicating all the required details on the same day of completion. The labor attendance shall be maintained with joint signatures of contractor and site engineer and the muster cards entry shall be made accordingly. All the records shall be submitted to the competent

authority on weekly basis.

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

17. 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.

18. 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.

19. **Completion period:** As per the details mentioned in the written approval issued prior to execution of work.

20. **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.
- d) The payment confirmation details of the regular manpower engaged shall be submitted along with bill.

21. 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.

22. 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%.

In case of contract items which exceed the limit of 50%, the 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.

23. **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. 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 reserves 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.

24. 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 for each week of delay limited to maximum of 10% of the total actual fees payable.

25. 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 premium thereon have been paid. A certified copy of such insurance policy shall be deposited with Institute.

26. 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.

27. 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 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.

28. 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 In-charge of the work the details of the materials to be removed including which are rejected etc. This application shall be endorsed by the In-charge of work 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. Labor Law:

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

29. 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 authorized 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 authorized 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 Engineer in charge.
- p) Any other work of similar nature as and when assigned.

31. Evaluation Criteria:

The L-1 will be decided on the Total basic 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 commercial 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/2022-23/001

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

Bill of Quantities					
Sl. No.	Description	Unit	Qty.	Rate (₹)	Amount (₹)
1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.	m ³	5		
2	KSRB 2.3: Filling available excavated earth (excluding rock) in sides of foundations up to plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead up to 50 m. and lift up to 1.5 m. including cost of all labor complete as per specifications.	m ³	5		
3	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 aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labor, HOM of machinery, curing complete as per specifications.	m ³	4		
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum, with superplasticizer @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labor, HOM of machinery, curing, complete as per specifications	m ³	2		
5	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labor complete as per specifications.	m ²	20		

6	KSRB 4-6.2: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness up to 200 mm including cost of all materials, labor complete as per specifications. For all heights 0 to 10 meters	m ²	20		
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labor, HOM of machinery complete as per specifications.	kg	500		
8	Providing Brick work with common burnt clay Non Modular bricks of class designation 3.5 in superstructure above plinth level in all shapes and sizes in Cement mortar 1:6 (1 cement : 6 coarse sand) including cost of all materials, labor, scaffolding and usage charges of machinery & other incidental charges complete as per the direction of engineer in charge of work.	m ³	15		
9	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with raw plugs screws etc. Complete as per specifications.	kg	250		
10	Providing and laying of world class mineral acoustic ceiling panels of as per the following specification: -size of module size 600x600x16mm with exposed grid. The tiles should have Humidity resistance (RH) of 99% light reflectance 87%, Thermal conductivity =0.052-0.057 w/m K, NRC-0.7, color white, fire Performance UK A2 S, d0, with Anti-microbial coating on the face of the tile, suitable for zone 4 area according to NF S 90-35:2003 with cleanroom class ISO 5, Decontamination class of CP10 and bacteriological cleanliness class B1 for specific strains and reduction in colony size. Wash ability properties for 500 wash cycle as per ASTM D -4828 and suitable for Green Building application with Recycled content of 37%.	m ²	30		
11	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)				
	15mm nominal dia pipes	m	75		
	20mm nominal dia pipes	m	75		
	25mm nominal dia pipes	m	50		
	40mm nominal dia pipes	m	50		
	50mm nominal dia pipes	m	50		
	100mm nominal dia pipes	m	50		
12	Providing and fixing on wall face plasticized rigid pvc rain water pipes confirming to IS:13592 type A including joint with seal ring confirming to IS:5382,leaving 10mm gap for thermal Expansion, (1) single socketed pipe 100mm dia	m	100		

13	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of block of approved size, shape and color with a minimum compressive strength of 281 kg per sq.m over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labor and HOM of machineries complete as per specification. Rubber mould pavers and should be approved for IIT engineer.	m ²	20		
14	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, labor, curing complete as per specifications.	m ²	75		
15	Painting with silicon & acrylic emulsion based water thinnable sealer of approved brand and manufacture on wet or patchy portion of plastered surfaces :Two coats with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labor complete as per specifications and as per directions of Engineer-in-charge.	m ²	150		
16	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, labor, complete as per specifications.	m ²	150		
17	Supply of Labors				
	a) Unskilled	Mandays	1200		
	b) Plumbers	Mandays	600		
	c) carpenters	Mandays	200		
	d) masons	Mandays	100		
	e) welders	Mandays	100		
	f) fabricators MS/Aluminum	Mandays	50		
	g) Inspection and drainage chamber cleaners	Mandays	100		
18	Machineries on Hire basis				
	providing of JCB	hrs.	50		
	providing of tractors	Day	75		
	Supplying of 8-10 ton roller	hrs.	20		
	Providing and supplying of water tankers capacity (3000 lts)	per trip	20		
19	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 etc. ,tarpaulins, plumbing items and hardware's...	lump sum			

20	Laying of Provided/ Supplied interlocking pavers over 50mm thick sand bed (Avg thickness and compacting with plate vibrator having 3 ton compacting force there by forcing part of sand to come up in between joints, final compaction of paver surface into the final layer including, labor and HOM of machineries. As per instruction of site Engineer.	m ²	50		
21	Supplying and fixing of Aluminum window GI mesh to windows and ventilators, includes removal of existing windows and refitting them if it's necessary-sample to be approved by site in charge	m ²	25		
22	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colors & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m ² including grouting the joint with white cement & matching pigments etc. complete. size 600mm*600mm	m ²	25		
23	Providing and installing of pre painted Galvalniume iron Trapezoidal profiled sheet of approved make 1060 width 28-30mm crest height with crest distance of 200 mm c/c with ribs at the Centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47mm +/- mm tolerance Zinc-Alum Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self-drilling/self-tapping screws of 25mm length, to be fixed over the existing purlins, rafters, channels and trusses.	m ²	30		
24	Providing and applying enamel metal paint two coats including priming coat over new steel or the metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials. Labor complete as per specifications.	m ²	100		
25	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 as per specifications and as per directions of Engineer in charge.	m ²	40		
26	Providing and applying Dr. Fixit or equivalent brand micro concrete for repairs of columns, beams, slabs and chajjas with water/powder ratio of 0.16 with thickness of 40mm. (3 bags per sq.m of 25kg bag). including, scaffolding, shuttering (100% water tight), labor charges, HOM, materials etc. The work is to be executed as per the direction of engineers in charge.	Cum	20		
27	Water proofing (others items S.No. 38.2: innovative items such as water proofing concrete items such as slabs and terraces, providing and applying water proofing to roofs slabs, terraces, podium etc. as per specifications mentioned on page 275 Schedule of rates 2018-19.	m ²	300		

28	Providing and fixing double scaffolding system (cup lock type) on the exterior side of building/structure, up to 25 meter height, above ground level, including additional rows of scaffolding in stepped manner as per requirement of site, made with 40mm dia M.S. tube, placed 1.5 meter Centre to Centre, horizontal & vertical tubes joint with cup & lock system with M.S. Tubes, M.S. tube chalis, M.S. clamps and staircase system in the scaffolding for working platform etc. 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.	m ²	150		
	Total				
	Total Including 12% GST				
	Total Including 12% GST (Round off) [Rupees in lakhs]				

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

The Price Bid is to be quoted after taking into account - Minimum Wages for Zone 'B', as prescribed by Karnataka PWD for zone "B", 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/State Government. Any bidder quoting labor 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 labor/manpower.

** Please note that the lump sum rate to be quoted for miscellaneous works under sl. no. 19 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

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 Engineer-in- Charge and shall be at contractor's cost.
- 2) Material bearing appropriate IS marking and having valid license 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 EIC.
- 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 EIC. 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) EIC 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/L7t/Ultratech/Lafarge/RMC/Godrej/skyway
6	Precast Concrete product	Siporex Ind, B.G. Shikre & co.; Supreme Concrete Minato Blocks-Kolhapur
7	Ant termite 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
17	Texture paint -External	Sherwin Williams/NITCO-Ruff &Tuff-Vertical Asian Paint-Rough Tex-Verticle Scratch
18	Enamel paint	Asian paint/ICI/Nerolac/Berger/
19	Glass for windows	Saint Goblin/Modi/Triveni/Shree Vallabh/I.A.G./ Float Glass India Ltd/Asahi
20	Aluminum section for Doors, windows & wall	Indal/Jindal/Hindalco.

	spans	
21	Steel doors, windows and pressed steel door frame	Sen Harvic; SGEW; HOPES Metal; Multiwyn; R.l. vala & sons; Modem Fabricators, Calcutta; Tec home; Nishan Solid door frame; windows; welcome door; Behar Bobbin & Engg. Works; Anjali Enterprises; Sunbeam; Abaqs System; Ankur Ind. Kolkata. Mahalaxmi Engg. Works.
22	Anodized aluminum 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 Aluminum/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 the item
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.
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)