



**INDIAN INSTITUTE OF TECHNOLOGY GOA
GEC CAMPUS, FARMAGUDI, PONDA, GOA,
403401**

**TENDER DOCUMENT FOR REPAIR & RENOVATION WORKS -
CIVIL AT PG BLOCK SITUATED AT GOA COLLEGE ENGINEERING
CAMPUS, FARMAGUDI, PONDA, GOA. 403401**

NIT: IIT GOA/C&EMD/2020/CIVIL/008 DT.17-03-2020

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PART A (TECHNICAL BID)

1. NOTICE INVITING TENDER

1.1. INTRODUCTION

Indian Institute of Technology (IIT) Goa, invites sealed tenders from the eligible contractors for repair & renovation works at PG Block situated in Goa College of Engineering Campus, Farmagudi, Ponda, Goa. Particulars of the work are as follows.

1.2 PARTICULARS

1.NIT No	IIT GOA/C&EMD/2020/CIVIL/008 DT.17-03-2020
2.Name of work	Repair & Renovation works at PG Block- Civil works
3.Location of work	PG Block, Goa College of Engineering Campus, Farmagudi, Ponda, Goa-403401
4.Estimated Cost (Including GST)	Rs.10,47,267/- Only
5.Earnest Money Deposit	Rs.20,945/- Only
6.Performance Guarantee	Rs.52,363/- Only
7.Completion Period	Two months (60 Days) from date of issue of workorder
8.Tender Fee	Rs.500/- Only
9.Tender Basis and Mode	Two Stage (Technical Bid & Financial Bid)
10.Mode of Payment to IITG (Tender Fee & EMD)	Demand Draft/ Bank Guarantee in favour of IIT Goa Main Account payable at Goa. (Cheques will not be accepted)
11.Date, Time & Venue of Pre bid meeting.	08-05-2020 at 11.00 hrs at C&EMD Office, IIT Goa
12. Closing Date & Time of receiving of bids.	15-05-2020 at 15.00 hrs
13. Date & Time of opening of Technical Bid.	15-05-2020 at 15.30 hrs at C&EMD Office, IIT Goa
14. Date & Time of opening of Financial Bid.	Will be intimated to qualified agencies.
15.Address of tender issue, submission and opening	Tender documents will be available on the site as stated: https://www.iitgoa.ac.in (Under tender Section) & CPP Portal. Tender submission & opening place: C& EMD OFFICE, IIT GOA
16. Website for full and updated information.	https://www.iitgoa.ac.in (Under tender Section) & CPP Portal.

1.3. ELIGIBILITY CRITERIA

1.3.1. The bidder must be registered in appropriate class of works with Government organization like CPWD/ PWD/ MES or PSUs or those having experience in similar nature of works awarded by Government / Semi Government Organizations/ Government Funded Autonomous Organization or having experience in execution of similar works.

1.3.2. The bidder must have done at least 1 (ONE) similar work of value of 80% of the estimated cost or 2 (TWO) similar works for projects each of value 60% of the estimated cost or 3 (THREE) similar work for projects each of value 40% of the estimated cost with Government/ Semi-government/ PSU/ Government Funded Autonomous Organization during last 7 (seven) years preceding last date of the month of tender submission or having experience in execution of similar works.

Note:

(i) The estimated cost is ₹ 10,47,267/- (Rupees Ten Lakhs Forty Seven Thousand Two Hundred and Sixty Seven Only)..

(ii) Similar works shall mean: Building Repair/ Maintenance Works

1.3.3. The bidder must be registered with appropriate government authority as a bonafide business entity and must have GST registration certificate and Permanent Account Number of income tax.

1.3.5. The registrations and licenses should be valid during the execution phase.

1.3.6. Net worth certificate from a Chartered Accountant (CA) to be furnished which should not be less than 15% of the estimated cost.(i.e Rs. 1,57,090).

1.3.7. Average annual turnover for the last three years of the bidder as per ITCC or profit & loss statement shall not be less than 50% of the estimated cost (i.e Rs.5,23,633), not having incurred loss in more than two years, during last 5 years ending 31 Mar 2019.

1.3.8. The agencies should enclose the Xerox copies of the following;

- a) Performance certificate.
- b) GST Registration.
- c) PAN
- d) EPFO Registration Certificate.
- e) ESIC Registration Certificate.
- f) Registration under CPWD/PWD/MES/PSU/Others

INFORMATION TO BIDDERS

2.1. SCOPE OF WORK

2.1.1. The IIT GOA invites tender for Renovation of PG Block situated in Goa College of Engineering campus, Farmagudi, Ponda, Goa.

2.1.2. The contractor shall start the work immediately after the date of receive of work order

2.1.3. The contractor shall provide a supervisor for supervising all the works carried out.

2.1.5. The contractor shall provide weekly report on the amount of work completed.

2.1.11. Police Verification Certificate of all workers shall be obtained by Contractor.

2.2. GENERAL INSTRUCTIONS

2.2.1. Bidding documents are to be obtained electronically through websites: <https://www.iitgoa.ac.in> (Under tender Section) & CPP Portal. The tender fee in the prescribed mode must accompany the tender documents.

2.2.2. This bid document shall be read in conjunction with GCC (General Conditions of Contract) laid down in the CPWD manual and the applicable specifications of CPWD.

2.2.3. The bidder shall visit and inspect the site and obtain all information on his own responsibility and at own cost, which may be necessary for the purpose of quoting and submitting the tender. No excuse or ignorance as to site conditions and local information shall be accepted after awarding of the contract. Access to the site will be granted by the Engineer-in-charge on all working days within working hours.

2.2.4. The water should be arranged by the agency.

2.2.5. All clarifications about the tender shall be sought by bidder on or before pre-bid meeting. The bidders may make suggestions which shall be considered during the Pre-Bid Meeting. No queries shall be entertained after notification of replies to noteworthy queries received till the date of pre-bid meeting.

2.2.6. Completion certificate issued by Competent Authority will only be considered as credential. If the Completion certificate issued by Competent Authority does not reflect the type of work, then Final bill / Schedule of Quantity of the qualifying works also to be attached along with the Completion certificates. Certificate from private individuals / organizations for whom such works have been executed shall also be accepted.

2.2.7. The bidding document (consisting of the schedule of quantities of various types of items to be executed, the set of terms and conditions of the contract and other documents / drawings, if any), Corrigenda, Clarifications to Pre-bid queries can be downloaded from the website: <https://www.iitgoa.ac.in> (Under tender Section) Corrigenda, if any shall be published only on these website. The institute shall not be responsible for any delay / difficulties / inaccessibility of downloading facility for any reason whatsoever.

2.2.8. All costs, charges & expenses that may be incurred in connection with the preparation of the tender shall be borne by contracting agency and the Institute accepts no liability whatsoever therefore.

2.2.9. Rates quoted by the bidders shall be inclusive of GST (Goods and Services Tax - Central, State and Interstate) and all applicable taxes. Income Tax and all other statutory deductions like labour cess etc. will be deducted from the bill as per prevailing rules.

2.2.10. Exemption to IIT Goa against any tax/ duty/ fee/ surcharge/ charge/ cost, if any, found applicable or sought later from IIT Goa after award shall be passed on to IIT Goa by the contractor without dispute.

2.2.11. IIT Goa reserves the right to reject any or all of the bids without assigning any reason.

2.2.12. Bid Validity: Bid shall remain valid for 120 days from the date of submission.

2.2.13. Firm Price: Bidder's quoted Rates/Prices for executing the activities under the Contract shall remain firm till the period of one year & shall not attract any escalation under any circumstances whatsoever.

2.2.14. If any information furnished by the bidder is found as false / fabricated, then his bid will be rejected and treated as cancelled. Even if such manipulation is detected at any stage after signing of the contract, it would lead to termination of the contract besides forfeiture of Earnest Money Deposit and liabilities towards prosecution. In such cases the bidder will be debarred from participation in future tendering process in IITGoa for next 05 (Five) years.

2.2.15. Earnest Money Deposit (EMD) of requisite amount and that in prescribed mode or proof of payment thereof shall be enclosed with the Technical Bid explained in following section.

2.2.16. Refund / Conversion of Earnest Money Deposit: The Earnest Money received shall be refunded to the unsuccessful bidders without any interest upon executing the Contract Agreement by successful bidder. The Earnest Money Deposit of successful bidder shall be retained and converted into part of Security Deposit.

2.2.17. Forfeiture of Earnest Money Deposit: Earnest Money Deposit will be forfeited in any of the following cases:

- (i) The bidder withdraws / modifies his tender during the period of Bid Validity.
- (ii) The bidder, in case of tie between lowest bids, refuses to submit revised offer.
- (iii) The bidder does not accept the correction of arithmetical errors of his tender.
- (iv) The bidder does not submit the performance guarantee within specified time after issue of work order.
- (v) Fails to commence the work after issue of work order within the specified time.

2.3. SUBMISSION OF TENDER

2.3.1. The sealed tenders shall be received at the C&EMD Office, IIT Goa, Goa College of Engineering Campus, Farmagudi, Ponda Goa-403401 up to 15:00hrs, 15th May 2020 or as per Corrigenda otherwise.

2.3.2. Tenders received after the due date and time shall not be considered.

2.3.3. Tenders shall be submitted in a sealed Master envelope super scribed “Renovation of PG Block- Civil works with the NIT No. IIT GOA/C&EMD/2020/CIVIL/008 DT.17-03-2020, containing three separate sealed covers, each clearly super scribed as “Tender Fee and EMD“, “Technical Bid” and “Financial Bid” respectively, in the following manner:

2.3.4. Envelope-1 (Tender FEE & EMD) will consist of:

i) Tender Fee for ₹ 500/- (Non-refundable), in the prescribed mode or proof of payment thereof.

ii) Earnest Money Deposit of requisite amount, in the prescribed mode or proof of payment thereof.

2.3.5. Tender without payment of Earnest Money Deposit would be summarily rejected.

2.3.6. Envelope-2 (Technical Bid) will consist of:

(i) Covering letter of the offer signed by firm’s authorized signatory.

(ii) Documents establishing the identity and authenticity of the bidder/ bidding firm

(iii) Self-certified copies of all the documents in support of eligibility of bidder.

2.3.7. Envelope-3 (Financial Bid) will consist of the complete tender document, each page duly signed and stamped by the bidder as acceptance of the conditions, Declaration by Bidder and Financial Bid all duly filled-in, signed by the bidder or his/her authorized signatory and stamped.

2.4. EVALUATION OF BIDS AND AWARD OF WORK

2.4.1. The Technical Bid of bidder will be opened on the specified date and time of opening at the C & EMD Office, IIT GOA, GEC Campus, Farmagudi, Ponda Goa in the presence of willing bidders or their authorized representatives.

2.4.2. Date, time and place of opening of Financial Bid will be informed after evaluation of Technical Bid to the Technically Qualified Bidders.

2.4.3. Bids shall, first be checked for payment of Tender Fee and Earnest Money Deposit. Only those bids found to have duly paid/ submitted Tender Fee and Earnest Money Deposit shall be considered for evaluation.

2.2.4. Evaluation of Technical Bid: The bids received will then be assessed on the eligibility criteria mentioned at para 1.3 of Notice Inviting Tender. Bids found not meeting the eligibility criteria shall be considered non-responsive and shall be rejected summarily.

2.2.5. IIT Goa retains the right to revert back to individual bidders with further clarifications / queries on the Technical Bid. The bidder has to respond to the queries within the specified time mentioned in the covering letter.

2.2.6. On the date & time specified for opening of Financial Bid or the Revised Financial Bids as the case may be will be opened on specified date and time.

2.2.7. EVALUATION OF Financial Bids: The Financial Bid should contain the complete bid document with duly filled in Schedule of Financial Quote. Financial Bids opened as above will be checked for arithmetical errors.

2.2.8. The successful bidder shall be issued Letter of Award (Work Order) of the bid, and the bidder is required to furnish a Performance Guarantee as per General Conditions of Contract (CPWD GCC Manual) within 7 days' time after issuing of workorder.

2.2.10. Agreement (Contract) consisting of complete tender document including conditions, bill of quantities, technical proposal and specialized services, drawings, if any, and acceptance thereof together with any correspondence leading thereto, shall be drawn and signed with the awardee after issue of Work Order.

2.2.11. Date of start of work shall be reckoned from 15th day from the date of issue of "Work Order".

3. UNDERTAKING BY THE BIDDER

UNDERTAKING

I / We have read and examined the Tender document including terms & conditions, specifications, bill of quantities, drawings and designs, general rules & directions, General Conditions of Contract, Special Conditions of Contract and all relevant other documents, publications and rules referred to in the Conditions of Contract (CPWD GCC) and all other contents in the tender documents for the work including applicable CPWD Specifications.

I / We, hereby tender for execution of the work specified for the Indian Institute of Technology Goa within the time specified and in accordance in all respects with the specifications, designs, drawings and instructions in writing.

We agree to keep the tender open for 120 days from the last date of its submission and not to make any modifications in its terms and conditions. A sum of Rs. _____ has been deposited in cash/ demand draft of a scheduled bank as earnest money. If I / we, fail to furnish the prescribed performance guarantee within prescribed period, I / we agree that the said Director, Indian Institute of Technology Goa or his authorized officer shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I / we fail to commence work as specified, I / we agree that the Director, Indian Institute of Technology Goa shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

Further, I / We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I / We shall be debarred for participation in the re-tendering process of the work.

I / We hereby declare that I / We shall treat the tender documents and other records connected with the work as secret / confidential documents and shall not communicate information derived there-from to any person other than a person to whom I / We am / are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Seal & Signature of Contractor

Postal Address

Dated

Witness

Address

Occupation

Financial Bid - Civil Works						
Sr.No	DSR 2018 No	Description of work	Unit	Quantity	Rate	Amount
1	6.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	5		
2	6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.Cement mortar 1:3 (1 cement :3 coarse sand)	Sqm	35		
3	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). i) Second Class Teak Wood	Cum	0.05		
4	9.21	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	2.5		
5	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	2.5		
6	9.76	Providing and fixing bright finished brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc.complete.	each	5		
7	9.96	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : i) 250x16 mm	each	4		
10	9.121	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady	Metre	12		

Sr.No	DSR 2018 No	Description of work	Unit	Quantity	Rate	Amount
		the frame.				
11	9.122	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	Sqm	2.1		
12	11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), Jointing with grey cement slurry @ 3.3 kg/sqm including pointing the joints with white cement and matching pigment etc., complete.	sqm	23		
13	12.7	Providing and fixing 15 cm wide, 45 cm overall semi-circular plain G.S. sheet gutter with iron brackets 40x3mm size, bolts, nuts and washers etc., including making necessary connections with rain water pipes complete. i) 0.80 mm thick with zinc coating not less than 275 gm/m ²	metre	150		
14	12.41	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. (110mm diameter)	metre	24		
15	12.43	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. i) 110 mm	each	24		
16	12.53	Providing and Fixing 15 mm thick densified tegular edged eco friendly light weight calcium silicate false ceiling tiles of approved texture of size 595 x 595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanised steel sections (galvanising @ 120 grams per sqm including both side) consisting of main 'T'	sqm	300		

Sr.No	DSR 2018 No	Description of work	Unit	Quantity	Rate	Amount
		<p>runner suitably spaced at joints to get required length and of size 24x38 mm made from 0.33 mm thick (minimum) sheet, spaced 1200 mm centre to centre, and cross “T” of size 24x28 mm made out of 0.33 mm (Minimum) sheet, 1200 mm long spaced between main ‘T’ at 600 mm centre to centre to form a grid of 1200x600 mm and secondary cross ‘T’ of length 600 mm and size 24 x28 mm made of 0.33 mm thick (Minimum) sheet to be inter locked at middle of the 1200x 600 mm panel to form grid of size 600x600 mm, resting on periphery walls /partitions on a Perimeter wall angle pre-coated steel of size(24x24X3000 mm made of 0.40 mm thick (minimum) sheet with the help of rawl plugs at 450 mm centre to centre with 25 mm long dry wall screws @ 230 mm interval and laying 15 mm thick densified edges calcium silicate ceiling tiles of approved texture in the grid, including, cutting/ making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required. Main ‘T’ runners to be suspended from ceiling using G.I. slotted cleats of size 25x35x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm G.I. adjustable rods with galvanised steel level clips of size 85 x 30 x 0.8 mm, spaced at 1200 mm centre to centre along main ‘T’, bottom exposed with 24 mm of all Tsections shall be pre-painted with polyster baked paint, for all heights, as per specifications, drawings and as directed by Engineer-in-Charge.</p> <p>Note :- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/ opening (cut outs) having area less than 0.30 sqm. The calcium silicate ceiling tile shall have NRC value of 0.50 (Minimum), light reflection > 85%, non- combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity <0.043 w/ mK.</p>				
17	13.4	<p>CEMENT PLASTER (IN COARSE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand)</p>	sqm	100		
18	13.37	<p>White washing with lime to give an even shade : 13.37.1 New work (three or more coats)</p>	sqm	1500		
19	13.68.1	<p>French spirit polishing : i) Two or more coats on new works including a coat of</p>	sqm	15		

Sr.No	DSR 2018 No	Description of work	Unit	Quantity	Rate	Amount
		wood filler				
20	13.91	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	sqm	1500		
21	13.99.1	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : One or more coats on old works	sqm	300		
22	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.	sqm	600		
23	14.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge. With cement mortar 1:4 (1cement: 4 coarse sand)	sqm	80		
24	14.82	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	each	1		
25	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. i) In cement mortar	cum	2		
26	15.12	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead : 15.12.1 Of area 3 sq. metres and below	sqm	2.5		
27	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.	kg	120		
28	15.13	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : i) Of area 3 sq. metres and below	each	3		
29	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles 10 mm to 25 mm	sqm	100		

Sr.No	DSR 2018 No	Description of work	Unit	Quantity	Rate	Amount
30	17.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : i) W.C. pan with ISI marked white solid plastic seat and lid	each	1		
31	17.7	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	each	1		
32	17.16A	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	each	1		
Total						