

**NATIONAL INSTITUTE OF TECHNOLOGY
GOA -403401**

Open Tender Enquiry

Enquiry No: NITGOA/OT/WORKS/2022-23/OW/4-23

Date: 22/12/2022

Important Dates

To	Mr. Director National Institute of Technology Farmagudi, Ponda-Goa 403401	

Event	Date	Time
Pre-bid Conference		-
Last Date of submission of quotation	<u>12/01/2023</u>	<u>12:00 P.M</u>
Technical Bid Opening date	<u>12/01/2023</u>	<u>02:00 PM</u>
Financial Bid Opening date	<u>16/01/2023</u>	<u>11:00 AM</u>

Dear Sir,

We intend to complete the works mentioned below and invite bids in accordance with the terms and conditions detailed in the bid document. If you are interested, kindly send your offer with prices and complete terms within the time mentioned above.

Please send your quotation to:

Director

NATIONAL INSTITUTE OF TECHNOLOGY
GOA-403401

Yours sincerely,

Registrar

National Institute of Technology
Goa

National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Encl:

- (1) Schedule of requirement, specifications, dates etc.
- (2) Bid document containing detail terms and conditions.

1. Schedule of requirements

Sl. No.	Name of Work
1.	Various repairs to toilets and other affected area of E/E and E/C quarters of NIT GOA in GEC complex at farmagudi.

2. Specifications and allied Technical Details

Enclosed at Annexure – I

3. Format of Quotation (tick appropriate box)

It is a Single bid; please give all technical specifications and price bid in one envelope.

OR

It is a two-part bid with separate techno-commercial and price bids. Please see item 1.12 of instructions for method of bidding.

M 4.00, The bid envelope should be super-scribed with

M 4.00, Bid for Various repairs to toilets and other affected area of E/E and E/C quarters of NIT GOA in GEC complex at farmagudi. Enquiry No. **NITGOA/OT/WORKS/2022-23/OW/423** dated 22/12/2022.

5. Quotations should be valid for a period of 90 days from the closing date of the bid.

6. Some important dates:

i.	Pre-bid Conference:	Date: _____	Time: _____
ii.	Last date for receipt of quotation:	Date: _____	Time: _____
iii.	Opening of techno-commercial bid:	Date: _____	Time: _____
iv.	Opening of Financial bid:	Date: _____	Time: _____

7. Warranty as applicable must be provided.

8(a) Excise Duty: Please state applicable excise duty as a separate item.

(b) Taxes and Duties: Any taxes should be quoted inclusive in price bid/schedule column in Price Bid

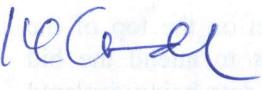
9. Bid Security:- Rs 7,000/- (Rupees Seven thousand only).

10. **Performance Security** (See Item 2.9 of instructions): **03%** of gross order value.
11. Please go through the enclosed "bid document" carefully for other bidding instructions.
- 12(a) Please send your quotations by Registered/Speed Post to:

To,
The Director
National Institute of Technology Goa -403401

- OR
- (b) drop the quotation in the office of the normal working hours of the Institute.

13. For clarifications if any, please mail to re@nitgoa.ac.in


National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Form PPIM-1B
[Para 1.17 (ii)]

**NATIONAL INSTITUTE OF TECHNOLOGY
GOA-403401**

BID DOCUMENT

1. Instructions to the bidders :-

- 1.1 Sealed bids are invited on behalf of the Director, National Institute of Technology (NIT), Goa – 403401, from the intending bidders for the work mentioned in Annexure-I.
- 1.2 The bidders should quote the technical and financial bid separately in two separate envelopes duly superscribed on the envelope as ***Technical bid/ Financial bid for various repairs to toilets and other affected area of E/E and E/C quarters for NIT GOA in GEC complex at farmagudi*** and their offer/rates in clear terms without ambiguity. EMD should be enclosed in Technical Bid envelope.
- 1.3 The rates should be quoted both in figures and words and legibly written without any over-writings. In case of any correction, the same must be attested by the bidder with full signature. However, no over-writing is permissible.
- 1.4 In case of any discrepancy between the rates in figures and that in words, the rate in words will be accepted as correct.
- 1.5 The last date for receipt of the bid is marked in the enquiry. In case the above date is declared a holiday for NIT Goa, then the bids will be received up to the appointed time on the next working day.
- 1.6 The bids may be sent by registered or speed post, so as to reach the office NIT Goa before the last date of receipt, or alternatively, be dropped in the office of the normal working hours of the Institute.
- 1.7 If a prospective bidder requires any clarification in regard to the bidding documents, he may mail to re@nitgoa.ac.in
- 1.8 **Bids received after the deadline of receipt indicated in tender document, shall not be taken in to consideration.**
- 1.9 **Each bidder shall submit only one bid. A bidder, who submits more than one bid, shall be disqualified and considered non-responsive.**
- 1.10 The cover containing the bid must be sealed and super-scribed ***various repairs to toilets and other affected area of E/E and E/C quarters for NIT GOA in GEC complex at farmagudi*** vide Enquiry No. **NITGOA/OT/WORKS/2022-23/OW/423** dated 22/12/22 as given under item of the enquiry.
- 1.11 The bids shall be opened in the office at the date and time given on the top of the document. The bidders may send their authorized representatives to attend the bid opening, if they so desire. In the event of the above bid opening date being declared holiday for the NIT Goa, and then the bids will be opened at the appointed time and place on the next working day.
- 1.12 The bidder has to put seal and sign in full at all pages of the bidding document including all annexures and price bid failing which the bidder will be disqualified.

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2. Conditions of the bid:-

- 2.1 The bidders should quote according to the material required by NIT Goa.
- 2.2 The supply and fixing will be strictly as per specification
- 2.3 The rates quoted should preferably be net, inclusive of all taxes and charges.
- 2.4 **The work should be completed within 21 days from the date of receipt of work order either through mail or post whichever is earlier.**
- 2.5 Quality of work should be as per CPWD/GOA PWD norms which will be inspected by Resident Engineer of NIT Goa.
- 2.6 The bid should remain valid for a period of 90 days from the date of opening. In case your offer has a different validity period that should be clearly mentioned in the quotation.
- 2.7 Conditional discount, if any, offered by the bidder shall not be considered at the time of evaluation.
- 2.8 The bid is to be accompanied with "**Bid Security**" (**Earnest Money**) for an amount stated in the enquiry in the form of Account Payee Demand Draft only, in favour of Director NIT GOA Fees Account from any commercial bank with validity period of 30 days beyond the final bid validity period. The bid security will be forfeited if the bidder withdraws during the bid validity period.
- 2.9 The successful bidder should furnish "**Performance Security**" in the name of **Director NIT GOA Fees Account** for an amount specified in the enquiry, in the form of Account Payee Demand Draft only, from a Commercial Bank with validity period of sixty days beyond period of one year of successful work completion.
- 2.10 If the successful bidder, on receipt of the work order, fails to execute the order within the stipulated period, in full or part, it will be open to the Director, NIT Goa to cancel the order at any time thereafter and contractor will have no claim over the Bill payment.
- 2.11 The successful bidder may be required to execute a contract, where applicable.
- 2.12 Payment (*100 percent*) will be made by Account Payee Cheque/Bank Draft, within 30 days from the successfully completion of work.
- 2.13 In the event of any dispute arising out of the bid or from the resultant contract, the decision of the Director, NIT Goa shall be final.
- 2.14 NIT GOA reserves the right to reject any or all bids without assigning
- 2.15 The bid document/resultant contract will be interpreted under Indian Laws.
- 2.16 The Contractor awarded the work shall be responsible for ensuring compliance with the provision related to labour Laws (Central/State) and other laws applicable to this work
- 2.17 Any disputes arising out of this enquiry shall be dealt in the Goa jurisdiction.

2.18 Technical bid eligibility criteria :-

- 2.18.1 Valid EMD (Valid EMD Exemption certificate should be attached by the bidder incase exemption from EMD is claimed). Stamped and signed
- 2.18.2 PAN No: (With photo copy).(Stamped and signed)
- 2.18.3 Photocopy of GST Registration Certificate. (Stamped and signed)
- 2.18.4 Duly filled ,signed and stamped copy of Technical bid (Stamped and signed)
- 2.18.5 Signed and stamped copy of Tender document
- 2.18.6 The preference will be given to contractor who has successfully completed at least one work of similar nature or equivalent nature costing at least Rupees 5 lakhs in Goa PWD/CPWD/NIT Goa. NIT GOA bidder should enclose necessary certificates in this regards.
- 2.18.7 The contractor should have experience in strengthening R.C.C. structure/building and waterproofing in RCC for at least 5 years till date in execution of such works. The proof in this regard may be uploaded.
- 2.18.8 The contractor should have experience in successful completion of similar or equivalent work in government department duly producing required documents /certificates/completion certificate (if required).
- 2.18.9 The successful bidder should sign bond with National Institute of Technology Goa on Rupees 100/- stamp paper stating that he gives guarantee for the work for 3 years from date of completion.
- 2.18.10 The agency shall visit said site before quoting the bid failing which any extra work involving extra cost will not be entertained.

2.19 Criteria for Evaluation in Financial Bid:-

The financial bid will be opened of the technically qualified bidders only.

The financial bid(s) shall be evaluated on the basis of the total lowest rates quoted for all the items together.

The words in price bid such as extra will entitle for disqualification of bidders.

Conditional bids will not be accepted and will be liable for disqualification

Other documents to be attached for processing payment:-

- a) Filled and duly signed PFMS Mandate Form and bidder information sheet
- b) Filled and duly signed Bidder Information Sheet.


Registrar

NIT-Goa

**National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401**

Technical Bid

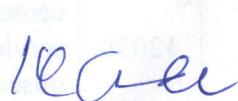
Name of the work: **Various repairs to toilets and other affected area of E/E and E/C quarters for NIT GOA in GEC complex at farmagudi.**

Item No.	GSR Ref.	Description	Unit	Qty.	Remarks (Yes/No)
1.	12022	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 mts. lead.	Sq.m.	36.92	
2.	12053	Dismantling the tile work in floors and roofs laid in cement including stacking of materials within 50 meters lead for thickness of tiles 10 mm to 25 mm.	Sq.m.	15.99	
3.	11070	Removing dry or oil bound distemper by scrapping sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sq.m.	160.85	
4.	18067	Removing old loose bottom or side cover of RCC slab, beam, columns etc. rubbing surface of concrete steel using wire brush and applying 2 coats of Alkaline rust converting primer (Feovert) after a waiting time of 6 hrs between coats and then applying another anti corrosive protective coating system for reinforcement bars (IPNet-RB) Conforms to IS-2770 Part-1 (Pull out Test) ASTM-3963-86 (Adhesion Test) and then applying concrete penetrating corrosion inhibitor (EPCO-KP100) and applying bonding new to old concrete (Epibond) Conforms to ASTM-C-882-87 and plastering on the fresh bond coat with Polymer Modified Mortar (Monobond) with 20 mm C.M 1:3 and finishing coat of 6 mm C.P 1:3 (1 Cement : 3 Sand) incl. cost of transport etc. as per dir of EIC. All the chemicals will be of Krishna Conchem Products Pvt. Ltd. or Equivalent.	Sq.m.	20.39	
5.	12038	Demolishing laterite stone masonry in cement mortar including stacking of serviceable material & disposal of unserviceable material within 50 mts. lead.	Cu.m.	3.00	
6.	10081	Providing water proofing treatment over the new R.C.C. roofs terrace toilet by spreading cement slurry over the R.C.C. slab and laying of 10 cms. Average laterite stone ballast coba with the necessary gradient for easy flow of rain water and the coba in covered with damp proof of Hindustan water proofing co. or equivalent jointless water proofing plaster of mix 1:3 (1 cement : 3 find sand), finished smooth with wooden trowel with false marking of 30 cms square. The vertical surface of the adjoining walls are to be treated upto a height of 30 cms including rounding of	Sq.m.	17.55	

		junction (the rate includes for complete items including labour and materials and including cost of initial treatment of rood slab as follows. The injunction of damp proof or equivalent compound with cement solution will be given as and when found necessary for filling honey comb, cracks etc. in the R.C.C. slabs). NOTE: cement consumption 25kg/sq.m.			
7.	R.A.	Providing and applying one coat of Dr.Fixit Prime seal primer and three coats of new coat of Dr.Fixit waterproofing compound including cleaning the old surface etc. complete as per directions of Engineer In Charge.	Sq.m.	145.24	
8.	6011	Providing & laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded granite or basaltic stone aggrt. 20 mm. nominal size) excluding cost of centering, shuttering and finishing in : a) All works upto plinth level	Cu.m.	0.60	
9.	15601	Providing and fixing white vitreous china water closet squatting pan (Indian type w.c. pan) size 580 mm with 100 mm sand cast iron P. or S trap 10 litres high level P.V.C. flushing cister (of approved make) with fittings, rack bolts 32 mm diameter P.V.C. telescopic flush pipe with fittings and clamps 25 mm P.V.C. over flow pipe with specials & mosquito proof coupling of approved municipal design and nylon pull complete cutting and making good the walls and floors where required. b) Orissa pattern W.C. pan	Each	1.00	
10.	15602	Providing and fixing white vitreous china water closet squatting (European type w.c. pan) with seat and lid, C.P. brass hinges and rubber buffers 10 lts. High level P.V.C. flushing cistern (of approved make) with fittings, rack bolts 32 mm diameter P.V.C. telescopic flush pipe with fittings and clamps 25 mm P.V.C. over flow pipe with special & mosquito proof coupling of approved municipal design and nylon chain and pull complete, cutting and making good the walls and floors where required. b) W.C. pan with white plastic seat and lid.	Each	1.00	
11.	15716	Providing and fixing nahani trap of rigid PVC (approved make) for S.W.R. pipes including lubricating etc. complete, without door: a) 110 mm dia	Each	2.00	
12.	11083	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for wood work of approved brand & manufacture in all shades on new work to give an even shade.	Sq.m.	19.31	

13.	11081	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for steel work of approved brand & manufacture in all shades on new work to give an even shade.	Sq.m.	8.85	
14.	9076	Providing and laying antiskid floor tiles 12 x 12 upto 16 x 16 in of Johnson, Somany, Kajaria (thickness to be specified by the manufacturer) of 1 st quality conforming to IS:15622 of approved make in shades as specified laid on 20 mm thick cement mortar 1:4 ((1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete a) Dark shades	Sq.m.	6.00	
15.	9074	Providing and fixing 1 st quality ceramic glazed wall tiles (Johnson, Somany, Kajaria) conforming to IS:15622 (thickness to be specified by the manufacturer of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer In Charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3 kg per sq.m including pointing in white cement mixed with pigment of matching shade complete. b) wall Ceramic glazed tiles: 300 x 450	Sq.m.	9.99	
16	11004	12 mm cement plaster 1:4 (1 cement : 4 fine sand)	Sq.m.	36.92	
17.	5035	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cu.m	1.80	
18.	11119	Providing and applying white cement based putty of average thickness 1.00 mm of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sq.m.	197.77	
19.	11062	Distempering two or more coats with oil bound washable distemper of approved brand and manufacture and of required shade on new work over and including a priming coat with distemper primer of approved brand and manufacture to give an even shade	Sq.m.	197.77	

Note: The above format should be on letter head of the firm with the signature of Authorized Signatory.



National Institute of Technology Goa
Farmagudi, Ponda-Goa 403 401

Financial Bid

Name of work: Various repairs to toilets and other affected area of E/E and E/C quarters for NIT GOA in GEC complex at farmagudi

Item No.	GSR Ref.	Description	Unit	Qty.	Rate	Amount
1.	12022	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 mts. lead.	Sq.m.	36.92		
2.	12053	Dismantling the tile work in floors and roofs laid in cement including stacking of materials within 50 meters lead for thickness of tiles 10 mm to 25 mm.	Sq.m.	15.99		
3.	11070	Removing dry or oil bound distemper by scrapping sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sq.m.	160.85		
4.	18067	Removing old loose bottom or side cover of RCC slab, beam, columns etc. rubbing surface of concrete steel using wire brush and applying 2 coats of Alkaline rust converting primer (Feovert) after a waiting time of 6 hrs between coats and then applying another anti corrosive protective coating system for reinforcement bars (IPNet-RB) Conforms to IS-2770 Part-1 (Pull out Test) ASTM-3963-86 (Adhesion Test) and then applying concrete penetrating corrosion inhibitor (EPCO-KP100) and applying bonding new to old concrete (Epibond) Conforms to ASTM-C-882-87 and plastering on the fresh bond coat with Polymer Modified Mortar (Monobond) with 20 mm C.M 1:3 and finishing coat of 6 mm C.P 1:3 (1 Cement : 3 Sand) incl. cost of transport etc. as per dir of EIC. All the chemicals will be of Krishna Conchem Products Pvt. Ltd. or Equivalent.	Sq.m.	20.39		
5.	12038	Demolishing laterite stone masonry in cement mortar including stacking of serviceable material & disposal of unserviceable material within 50 mts. lead.	Cu.m.	3.00		



6.	10081	Providing water proofing treatment over the new R.C.C. roofs terrace toilet by spreading cement slurry over the R.C.C. slab and laying of 10 cms. Average laterite stone ballast coba with the necessary gradient for easy flow of rain water and the coba is covered with damp proof of Hindustan water proofing co. or equivalent jointless water proofing plaster of mix 1:3 (1 cement : 3 fine sand), finished smooth with wooden trowel with false marking of 30 cms square. The vertical surface of the adjoining walls are to be treated upto a height of 30 cms including rounding of junction (the rate includes for complete items including labour and materials and including cost of initial treatment of roof slab as follows. The injunction of damp proof or equivalent compound with cement solution will be given as and when found necessary for filling honey comb, cracks etc. in the R.C.C. slabs). NOTE: cement consumption 25kg/sq.m.	Sq.m.	17.55		
7.	R.A.	Providing and applying one coat of Dr.Fixit Prime seal primer and three coats of new coat of Dr.Fixit waterproofing compound including cleaning the old surface etc. complete as per directions of Engineer In Charge.	Sq.m.	145.24		
8.	6011	Providing & laying cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded granite or basaltic stone aggrt. 20 mm. nominal size) excluding cost of centering, shuttering and finishing in : a) All works upto plinth level	Cu.m.	0.60		
9.	15601	Providing and fixing white vitreous china water closet squatting pan (Indian type w.c. pan) size 580 mm with 100 mm sand cast iron P. or S trap 10 litres high level P.V.C. flushing cister (of approved make) with fittings, rack bolts 32 mm diameter P.V.C. telescopic flush pipe with fittings and clamps 25 mm P.V.C. over flow pipe with specials & mosquito proof coupling of approved municipal design and nylon pull complete cutting and making good the walls and floors where required. b) Orissa pattern W.C. pan	Each	1.00		

10.	15602	Providing and fixing white vitreous china water closet squatting (European type w.c. pan) with seat and lid, C.P. brass hinges and rubber buffers 10 lts. High level P.V.C. flushing cistern (of approved make) with fittings, rack bolts 32 mm diameter P.V.C. telescopic flush pipe with fittings and clamps 25 mm P.V.C. over flow pipe with special & mosquito proof coupling of approved municipal design and nylon chain and pull complete, cutting and making good the walls and floors where required. b) W.C. pan with white plastic seat and lid.	Each	1.00		
11.	15716	Providing and fixing nahani trap of rigid PVC (approved make) for S.W.R. pipes including lubricating etc. complete, without door: a) 110 mm dia	Each	2.00		
12.	11083	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for wood work of approved brand & manufacture in all shades on new work to give an even shade.	Sq.m.	19.31		
13.	11081	Painting two or more coats (excluding priming coat) with superior quality ready mixed paint for steel work of approved brand & manufacture in all shades on new work to give an even shade.	Sq.m.	8.85		
14.	9076	Providing and laying antiskid floor tiles 12 x 12 upto 16 x 16 in of Johnson, Somany, Kajaria (thickness to be specified by the manufacturer) of 1 st quality conforming to IS:15622 of approved make in shades as specified laid on 20 mm thick cement mortar 1:4 ((1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete a) Dark shades	Sq.m.	6.00		

15.	9074	Providing and fixing 1 st quality ceramic glazed wall tiles (Johnson, Somany, Kajaria) conforming to IS:15622 (thickness to be specified by the manufacturer of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer In Charge in skirting, risers of steps and dados over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3 kg per sq.m including pointing in white cement mixed with pigment of matching shade complete. b) wall Ceramic glazed tiles: 300 x 450	Sq.m.	9.99		
16	11004	12 mm cement plaster 1:4 (1 cement : 4 fine sand)	Sq.m.	36.92		
17.	5035	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cu.m	1.80		
18.	11119	Providing and applying white cement based putty of average thickness 1.00 mm of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sq.m.	197.77		
19.	11062	Distempering two or more coats with oil bound washable distemper of approved brand and manufacture and of required shade on new work over and including a priming coat with distemper primer of approved brand and manufacture to give an even shade	Sq.m.	197.77		
Total in Rs. (before taxes)						
GST @ ____%						
Grand Total in Rs. (Inclusive)						
Grand Total in words :						

Note: The above format should be on letter head of the firm with the signature of Authorized Signatory

Bidder Information Sheet

1	Company Name	
2	company Registration Number	
3	Registered Address	
4	Name of Partners / Directors	
5	BidderType	
6	City	
7	State	
8	Postal Code	
9	PAN/TAN Number	
10	Company's Establishment Year	
11	Company's Nature of Business	
12	Company's Legal Status	
13	Company Category	
14	Contact Person Name	
15	Date Of Birth (DD/MM/YYYY)	
16	Correspondence Email	
17	Designation	
18	Phone	
19	Mobile	

Note: If the information is not pertaining to the bidder, in third column he should specify as "Not Applicable" the information sheet should be sealed and signed

Date:-

PFMS Mandate Form

Sr. No	Details Required	Information
1	Name of Vendor/Supplier	
2	Date Of Birth / Date of	
3	Father/Husband Name	
4	Aadhaar Number	
5	GST No	
6	PAN No	
7	Complete Address	
8	City	
9	Country	
10	State	
11	District	
12	PIN Code	
13	Mobile No.	
14	Telephone No.	
15	E Mail Address	
16	Account Holder Name	
17	Bank Name	
18	Bank (Branch)	
19	Bank Address	
20	Account No.	
21	IFSC Code	
22	Swift Code	

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information I/we would not hold the user Institution responsible.

Name:

Stamp/Seal &Signature of Vendor/Supplier:

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M. Ade