

TENDER DOCUMENT

(REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT
ICAR-CICR, NAGPUR)

2024-25



भा.कृ.अनु.प. - कपास अनुसंधान संस्थान, नागपुर

पोस्टबैगनं. 2, शंकरनगरपोस्टऑफिसनागपुर-४४००१०

ICAR-CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO.2, SHANKAR NAGAR POST OFFICE, NAGPUR-440010

ISO 9001 - 2015 Certified

-कार्यालय-

खापरी फाटा के पास, पांजरी वर्धा रोड, नागपुर, - ४४११०८

(फोन, न.07103&2755/36/38/39फैक्स, न; 07103-275529)

Panjari, Near Khapri Phata, Wardha Road, Nagpur 441108

(Tel : 07103-275536, Fax : 07103-275529, EPABX : 07103-275637, 38, 39, 275617)

Website : www.cicr.org.in. E-mail : cicrnagpur@gmail.com



भा.क.अनु.प. - केन्द्रीय कपास अनुसंधान संस्थान

पोस्ट बैग सं. 2, शंकरनगर पोस्ट ऑफिस, नागपुर - 440010

ICAR - CENTRAL INSTITUTE FOR COTTON RESEARCH

POST BAG NO 2, SHANKAR NAGAR POST OFFICE NAGPUR - 440 010(M.S) INDIA
Tel. Phone: 07103-275536, Fax: 07103-275529, EPBAX: 07103275637/38/39/49/17

Website: www.cicr.org.in, E-mail: cicrnagpur@gmail.com

{Location: Near Khapari Phata, Panjari, Wardha Road, Nagpur - 441 108}

An ISO 9001-2015 Certified

GST No. 27AAAI1830P3ZH



F. No. 02/ME Cell /Guest House-Toilets/2024-25

Dated : 08-01-2025

SUB: E-TENDER FOR "REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR".

1. Sealed e-tenders are hereby invited on behalf of the Director, ICAR-CICR, Nagpur for the contract of "REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR" through GeM-CPP portal. The details & Scope of work, Schedule of requirements and terms & conditions of the contract are given in the enclosed Annexures.
2. Details of the e-tender are given below:

CRITICAL DATA SHEET (SECTION)

(E-TENDER)

E-TENDER NUMBER	F. No. 02 /ME Cell / Guest House-Toilets/2024-25
E-TENDER COST	Free of Cost.
DESCRIPTION OF WORK	REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR
TYPE OF E-TENDER BID	Two Bid System (Technical & Financial)
SUBMISSION START DATE AND TIME	08-01-2025 at 17.00 PM onwards
BID SUBMISSION END DATE AND TIME	29-01-2025 up to 16.00 PM
DATE AND TIME OF OPENING OF E-TENDERS (TECHNICAL BID)	31-01-2025 at 14.30 PM (Tentative)
DATE AND TIME OF OPENING OF E-TENDERS (FINANCIAL BID)	Will be intimated later
BID VALIDITY	180 days from the date of Technical Bid opening
EMD	Rs.37,000/- (Thirty-seven thousand rupees) in the form of Demand Draft in favour of Director, ICAR-CICR, Nagpur.
EMD VALIDITY	90 days from the date of Technical bid opening
SECURITY DEPOSIT (SD)/PERFORMANCE BOND (PB)	5% of the total contract value (Annually) DD/ Bank guarantee in favor of Director, ICAR-CICR, Nagpur. After the award of the contract, the Successful Bidder should be submitted the hard copy

	of the original DD/ Bank guarantee to this Institute within 15 days of the award of the contract
VALIDITY OF SD/PB	180 days after the expiry of the contract
Details of e-tender	E-Tender (Technical & Financial) uploaded on GeM-CPP Portal https://eprocure.gov.in/epublishing/app and cicr website www.cicr.org.in from 08-01-2025 to 29-01-2025 up to 16.00 PM

3.Scope of the proposed work and other requirements connected to the contract, including formats of the bids, terms and conditions of the contract, etc. are enclosed to this E-Tender Invitation, as per the following details:

S.N.	Description	ANNEXURE	Page No.
1	Instructions For Online Bid Submission	ANNEXURE-I	04
2	Terms & Conditions	ANNEXURE-II	09
3	Price Bid	ANNEXURE- III	11
4	Firm's Banking Information	ANNEXURE- IV	12
5	Tender Acceptance Letter	ANNEXURE-V	13
6	Instructions For Online Bid Submission	ANNEXURE- VI	14
7	Details of EMD	ANNEXURE- VII	17
8	Details of Work/Measurement sheet	ANNEXURE- VIII	18
9	Technical Specifications	ANNEXURE- IX	32
10	General Report And Specification	ANNEXURE- X	36
11	Technical Bid (Checklist)	SCHEDULE – I	06
12	Undertaking	SCHEDULE – II	08

4. The entire e-tender documents including all Annexures, except the Financial Bid in Annexure IX, will be part of the Technical Bid which also must contain the EMD and all other requisite documents called for in the e- tender. Both bids (technical and financial) are to be submitted through E-tendering portal www.eprocure.gov.in. & EMD must be submitted to ICAR-CICR, Near Khapri Phata, Panjari Farm, Wardha Road, Nagpur – 441108 before the last date of submission of E-Tender. Special instructions to the Contractors/Bidders for the submission of the bids can be downloaded from GeM-CPP Portal (www.eprocure.gov.in/epublishing/app) and Institute website www.cicr.org.in.


08/01/25

Yours faithfully,
(Puneet Kumar)
Administrative Officer
ICAR-CICR, Nagpur

INSTRUCTIONS FOR ONLINE BID SUBMISSION

1. The Tender form/bidder documents may be downloaded from the <https://eprocure.gov.in/eprocure/app>.
2. **Online submission of Bids through Central Public Procurement Portal** (<https://eprocure.gov.in/eprocure/app>) is mandatory. Manual/Offline bids shall not be accepted under any circumstances.
3. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
4. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Director, ICAR-CICR, Nagpur has reserved the right to accept or reject any or all the tenders.
5. The interested Firms are required to deposit (in original) **EMD of Rs. 37,000/-** in the form of Demand Draft in favour of **THE DIRECTOR, ICAR-CICR payable at Nagpur** on or before **bid opening date and time as mentioned in the Critical Data Sheet**.
6. **Please note that only online Bids will be accepted.**
7. The firms are also required to upload copies of the following documents for Technical eligibility and Evaluation:-

The firms are also required to upload copies of the following documents:


Technical :

1. Scanned copy of Firm's Registration certificate of the firm under the Central Government/ State Government for providing such services.
2. Scanned copy of PAN Card.
3. Scanned copy of GST Number with Registration Certificate.
4. Bank details of the firm.
5. Scanned copy of similar contracts with Government Departments. (Similar civil work).
6. Scanned copy of Income Tax Returns for the last three years (2021-22, 2022-23 & 2023-24)
7. Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2021-22, 2022-23 & 2023-24).
8. Scanned copy of Turnover of the business should be **Rs. 1 Cr** per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.
9. Scanned copy of experience of having successfully completed similar kind of works during last 3 years (Similar civil work).
10. Scanned copy of MSME or Udyog Aadhar or NSIC is a must for EMD Exemption otherwise, firms have to furnish EMD.
11. Tender acceptance letter (Annexure-V) is mandatory.

12. Scan copy of an undertaking as per attached Format (Schedule – II) duly attested by Notary on a non-judicial stamp paper of value of Rs. 500/- (Rupees Five Hundred Only) regarding their non-blacklisting by any of the Government Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years.

All necessary documents in support of the details for Sl. No. 1 to 12 must accompany the technical bid. The bid is liable to be rejected in case documents are not uploaded in the technical bid on GeM- CPP Portal, documents are incomplete or in case any certification/registration has already expired but is yet to be renewed. Only essential and necessary valid documents are to be uploaded in the technical bid. Please avoid uploading extraneous and irrelevant documents.

Note: The above documents may be uploaded in the given sequence only, with no unnecessary documents.


08/01/25

ADMINISTRATIVE OFFICER

Technical Bid**Schedule - I**

Checklist of documents to be submitted with tender documents along with the page no. failing which the bid will be liable to be rejected:-

Sr. No	Documents (Strictly) as per details below	Whether submitted or not	If submitted, mention file name & page no.
1	Scanned copy of Firm's Registration certificate of the firm under the Central Government/ State Government for providing such services.		
2	Scanned copy of PAN Card		
3	Scanned copy of GST Number with Registration Certificate		
4	Bank details of the firm.		
5	Scanned copy of similar contracts to Government Departments.(Similar civil work).		
6	Scanned copy of Income Tax Returns for the last three years (2021-22, 2022-23 & 2023-24)		
7	Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2021-22, 2022-23 & 2023-24)		
8	Scanned copy of Turnover of the business should be Rs. 1 Cr per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.		
9	Scanned copy of experience of having successfully completed similar kind of works during last 3 years (Similar civil work).		
10	Scanned copy of MSME or Udyog Aadhar or NSIC is a must for EMD Exemption otherwise, firms have to furnish EMD.		
11	Tender acceptance letter (Annexure-V) is mandatory.		
12	Scanned copy of an undertaking as per attached Format (Schedule – II) duly attested by Notary on a non-judicial stamp paper of value of Rs. 500/- (Rupees Five Hundred Only) regarding their non-blacklisting by any of the Government Departments, Public Sector Undertakings and/or by Central Vigilance commission during the last three years.		

Authority Signature

Name & Address of the Firm

Telephone No.

Mobile No.

Email :

Note: The information required at Sl. No. 1 to 12 must be accompanied with the certified copies of the document(s) and attached as per the serial number failing which the tender is liable to be rejected. No other documents need to be attached with the tender form.

UNDERTAKING

I/We have read and understood all the terms and conditions of the tender document contained in the present tender form for contract and I/We do hereby agree and abide by with all the terms and condition of this tender document.

I/We do hereby declare that all the details provided in this tender are true to the best of my/our knowledge and belief and any misrepresentation of facts will render me/us liable to any action as may be deemed fit by ICAR-Central Institute for Cotton Research, Nagpur.

I/We do hereby also accept that the Director, ICAR-CICR, Nagpur has the right to accept or reject this application and not to issue invitation to Tender to me/us.

I/We undertake to communicate promptly to ICAR-CICR, Nagpur regarding any changes in the condition or working of the firm. It is certified that we have not been blacklisted by any organization of Government of India including Central Vigilance commission (CVC) in the last three years. The undersigned is fully authorized to sign and submit this application form on behalf of the organization, he/she represent. We authorize ICAR-CICR, Nagpur to approach individuals, employees, firms and corporations to verify our competence and general reputation.

Signature: -

Name: -

Designation: -

Address: -

Place: -

Dated: -

TERMS & CONDITIONS

1. The tenderer shall quote rates, which will include the supply, installation & other incidental charges GST, if any, should be indicated.
2. The rates should be quoted as per the BOQ uploaded on the GeM-CPP Portal (reference may be obtained from Annexure-III). GST, if any, should be indicated separately. It must be noted that the contract shall be awarded to the firm which fulfils all the required terms and conditions and remains lowest one (L-I).
3. The firm must also possess valid PAN No. & GST registration number and a copy of the same must also be enclosed with the tender document.
4. Copy of the Income Tax Statement for the financial year 2021-22, 2022-23 & 2023-24 may be furnished.
5. The firm should have experience for over 03 (Three) years in the trade with the business turnover of not less than Rs. 1 Cr per annum for 2021-22, 2022-23 & 2023-24. Chartered Accountant certified profit and Loss account Balance sheet to this effect may be enclosed.
6. Modification in the tender documents after the closing date is not permissible.
7. The successful firm shall **commence work** within 21 days from the date of confirmed **work order** and if the work not supplied in time then EMD shall be forfeited. The rates quoted shall be valid for one year from the date of opening of tender.
8. The contractor/bidder or his representative may contact the undersigned at **Tel. No. 07103-275536 Extn:113** for any further clarification. No variation in terms of quality of the items shall be entertained or else EMD/Security deposit shall be forfeited.
9. The bidder is advised to visit the site of works at his own expenses and obtain all information that may be necessary for preparing the quotation. Tenderer may submit the quotation by accepting that he has inspected the site or he is aware of all conditions.
10. The Director, ICAR-CICR, shall have the right to reject all or any of the offers, accept more than one offer, and assign part of the job without assigning any reason.
11. Merely quoting of lowest rates does not mean that "work order" shall be given to that firm. The competent authority will finally decide on the basis of quality & performance of past work/ installations.
12. The interested Firms are required to deposit an **Earnest Money Deposit of Rs. 37,000/-** amount mentioned against item in the form of Demand Draft (in original) from any of the Nationalised Bank in favour of **THE DIRECTOR, ICAR-CICR payable at Nagpur** may be addressed to **Administrative Officer, ICAR-CICR, Near Khapri Phata, Panjari Farm Wardha Road, Nagpur – 441108 (Maharashtra)** on or before bid opening date and time as mentioned in the **Critical Data Sheet**. No quotation shall be considered without the earnest money deposit. Demand draft drawn in favour of any officer other than "THE DIRECTOR, ICAR-CICR payable at Nagpur" will not be accepted and the tender will be rejected. The earnest money will be refunded only after the finalization of the tender/bid and no interest will be paid on earnest money. The request letter for refund of EMD & performance security is to be submitted by the firm.
13. Rates once finalized will not be enhanced/reduced during the period of the contract.

14. In case, the successful bidder shows inability to accept work order/contract at any stage, after the contract is finalized and awarded, for whatever the reason, to honor the contract, the earnest money /performance security deposited would be forfeited.
15. The Director, ICAR-CICR reserves the right to cancel the contract at any time during the contract period without giving any reason.
16. The firm, to whom the tender awarded, will have to deposit the **performance security of 5%** of the total contract value (Annually) DD/ Bank guarantee in favour of Director, ICAR-CICR, Nagpur. After the award of the contract, the Successful Bidder should submit the hard copy of the original DD/ Bank guarantee to this Institute within 15 days of the award of the contract. If the services are not found to be satisfactory, the performance security is liable to be forfeited. No interest will be paid on performance security.
17. If any dispute(s) arises between ICAR-CICR and the firm with reference to the contract, ICAR-CICR will decide it and its decision will be final and binding on the firms.
18. Payment:- No advance or part payment will be given. The payment will be released after satisfactory completion of the work and certificate from the Indenter.

Payment Terms: In order to facilitate for speedy settlement of payment you are requested to furnish the following details as below:

1. **Name of the firm:**
2. **Name of the Bank:**
3. **IFSC Code of Bank:**
4. **Name of the Account & Account No.:**
5. **Branch Code:**
6. **Amount to be paid:**
7. **E-mail address of the party:**
8. **GST No. and Pan No. Copies**

‘Terms & Conditions are acceptable’

Dated :

(Authorized signatory of the firm)

(Reference for BOQ) (To be quoted in the format provided on GeM-CPP Portal)

Price bid for “REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR”.

Sl. No.	Name of the Work	Quantity	Price per unit (in figures/words) (as per BOQ)
1.	Repair and maintenance of Guest House-Toilets at icar-cicr, panjari, khapri phata, wardha road, Nagpur as per the enclosed specification as Annexure – IX	1 Unit	

- Items should be of reputed make and suitable for high end elite users.
- GST as applicable should be included in the column provided for basic rate.
- **The work is to be executed at this Institute at ICAR-CICR, Panjari, Khapri Phata, Wardha road, Nagpur-441108**

Note: The above-mentioned Financial Proposal/Commercial bid format is provided as BoQ_XXXX.xls along with this tender document at <https://eprocure.gov.in/eprocure/app>. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the Financial bid. **Bidder shall not tamper/modify downloaded price bid template in any manner.** In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with ICAR-CICR, Nagpur.

**ICAR-CENTRAL INSTITUTE FOR COTTON RESEARCH,
NEAR KHAPRI PHATA, PANJARI FARM, WARDHA ROAD, NAGPUR - 441108**

Name of the Firm _____

Registered/Postal Address _____

1	Permanent Account Number (PAN)	
2	GST Registration No.	
3	Bank Details	
a)	Bank Name	
b)	Branch Address	
c)	Account Number	
d)	Type of Account (current/saving) MICR No.	
e)	IFSC Code	

Date:

Name of the Authorized Signatory

Place:

Stamp & Signature

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

Date:

To,
The Director,
ICAR-CICR,
Near Khapri Phata, Panjari Farm,
Wardha Road, Nagpur – 441108.

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No. _____

Name of Tender/Work:

Dear Sir,

1. I/ We have downloaded/obtained the tender document(s) for the above mentioned' Tender/work 'from the web site(s) namely:

As per your advertisement, given in the above-mentioned website(s).

2. I/We hereby certify that I/We have read the entire terms and conditions of the tender documents from Page No. ____ to ____ (including all documents lime annexure(s),schedule(s), etc....) which form part of the contract agreement and I/We shall abide by the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization to have also been taken into consideration, while submitting this acceptance letter.
4. I/we hereby unconditionally accept the tender conditions of above-mentioned tender documents/corrigendum(s) in its totality/entirely.
5. I/we do hereby declare that our Firm has not been black-listed/debarred by any Govt.Department/Public sector undertaking.
1. I/we certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject that bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder with Official Seal)

INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids electronically on the GeM-CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the GeM-CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the GeM-CPP eProcurement Portal.

More information useful for submitting online bids on the GeM-CPP eProcurement Portal may be obtained at <https://eprocure.gov.in/eprocure/app>.

REGISTRATION

- Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL <https://eprocure.gov.in/eprocure/app>.) by clicking on the link '**Online bidder Enrollment**' on the GeM- CPP Portal which is free of charge.
- As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the GeM-CPP Portal.
- Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (DSC) (class II or Class III certificates with signing key usage) issued by any certifying authority recognized by CCA India (e.g. Sify/nCode/eMudhra etc.) with their profile.
- Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- Bidder then log into the site through the secured log-in by entering their users ID/password and the password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS

- There are various search options built in the GeM-CPP Portal. To facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the GeM-CPP Portal.
- Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the GeM-CPP Portal to intimate the bidders through SMS/e mail in case there is any corrigendum issued to the tender document.
- The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

PREPARATION OF BIDS

- Bidder are requested to visit the site at the institute and discuss with In-charge, Maintenance Cell ICAR-CICR, Nagpur before preparing the bid, clarify the doubts and understand the requirements.
- Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents- including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/RAR/DWF/JPG formats.
- Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use 'My Space' or 'Other important Documents' area available to them to upload such documents. These documents may be directly submitted from the 'My Space' area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS

- Bidder should log into the site in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other technical issues.
- The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- Bidder has to select the payment option as 'offline' to pay the tender fee/EMD as applicable and enter details of the instrument.
- Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise, the uploaded bid will be rejected.
- Bidders are requested to note that they should necessarily submit their financial bids in the Format provided and no other format is acceptable. If the price bid has been given as a standard BoQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BoQ file, open it and complete the white colored (unprotected) cell with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.

- The server time (which is displayed on the bidders' dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128-bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric, encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- Upon the successful and timely submission of bids (i.e. after clicking 'Freeze Bid Submission' in the portal), the portal will give a successful bid submission message and a bid summary will be displayed with the bid no. and the date and time of submission of the bid with all other relevant details.
- The bid summary has to be printed and kept as an acknowledgement of the submission of the bid.

ASSISSTANCE TO BIDDERS

- Any queries relating to the tender documents and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contract person indicated in the tender.
- Any queries relating to the process of online bid submission or queries relating to GeM-CPP Portal in general may be directed to the 24x7 GeM-CPP Portal Helpdesk.

Details of Work & EMD

Sl. No.	Item	Qty.	Earnest Money Deposit
1	Repair and maintenance of Guest House-Toilets At ICAR-CICR, Panjari, Khapri Phata, Wardha Road, Nagpur	1 Unit	37,000/-

Note: EMD defined on to the Portal is MINIMUM. **Bidder has to submit the EMD offline.**

- The work is to be executed at this Institute at ICAR-CICR, Panjari, Khapri Phata, Wardha road, Nagpur-441108

**Measurement sheet for Repair and Maintenance of Guest House-Toilets At ICAR-CICR, Panjari,
Khapri Phata, Wardha Road, Nagpur**

Details of Work

MEASUREMENT SHEET

Sr No	Item	Nos	L	B	D	QTY	Unit
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :						
	Of area beyond 3 sq. metres						
	VISITORS ROOM TOILET DOORS AND VENTILATORS	3				3	
	ROOM1,2,3,4,5,7,8,9,10 TOILET DOORS AND VENTILATORS	12				12	
	DORMITORY ROOM TOILET & BATH DOORS AND VENTILATORS	4				4	
	VIP ROOM TOILET DOORS AND VENTILATORS	2				2	
						0	
						21	Per No.
2	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						
	VISITORS ROOM TOILET	1	1.8	1.45		2.61	
		1	1.1	1.45		1.595	
	GUEST ROOM TOILET (ROOM 2,5)						
	FLOOR	2	2.4	2.47		11.86	
	GUEST ROOM TOILET (ROOM 3,4)						
	FLOOR	2	2.4	1.77		8.5	
	GUEST ROOM TOILET (ROOM 1,6)						
	FLOOR	2	2.4	2.47		11.86	
	GUEST ROOM TOILET (ROOM7,8,9)						
	FLOOR	3	2.4	2.4		17.28	
	GUEST ROOM TOILET (ROOM VIP)						One Sq. M.

FLOOR	1		2.4	1.45		3.48
GUEST ROOM TOILET (ROOM 10)						
FLOOR	1		2.4	1.45		3.48
DORMITORY ROOM TOILET & BATH						
FLOOR	2		2.4	1.6		7.68
VISITOR ROOM TOILET	1		6.5		2.4	15.6
	1		5.1		2.4	12.24
DEDUCT DOOR D1	1	-0.5	0.9		2.4	-1.08
DOOR D2	1	-0.5	0.75		2.4	-0.9
VENTILATOR	1	-0.5	0.6		2.4	-0.72
GUEST ROOM TOILET (ROOM 2,5)			2.4+2.4+ 2.47+2.47			
WALL	2		9.74		2.4	46.75
DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
VENTILATOR	2	-0.5	0.6		2.4	-1.44
GUEST ROOM TOILET (ROOM 3,4)			2.4+2.4+ 1.77+1.77			
WALL	2		8.34		2.4	40.03
DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
VENTILATOR	2	-0.5	0.6		2.4	-1.44
GUEST ROOM TOILET (ROOM 1,6)			2.4+2.4+ 2.47+2.47			
WALL	2		9.74		2.4	46.75
DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
VENTILATOR	2	-0.5	0.6		2.4	-1.44
GUEST ROOM TOILET (ROOM 7,8,9)			2.4+2.4+2.4+2.4 +2.4+2.4			
WALL	3		14.4		2.4	103.68
DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
VENTILATOR	2	-0.5	0.6		2.4	-1.44
GUEST ROOM TOILET (ROOM VIP)			2.4+2.4+1.45+ 1.45			
WALL	1		7.7		2.4	18.48
DEDUCT DOOR D2	1	-0.5	0.75		2.4	-0.9
VENTILATOR	1	-0.5	0.75		2.4	-0.9
GUEST ROOM TOILET (ROOM 10)			2.4+2.4+1.45+1.45			
WALL	1		7.7		2.4	18.48
DEDUCT DOOR D2	1	-0.5	0.75		2.4	-0.9
VENTILATOR	1	-0.5	0.6		2.4	-0.72

	GUEST ROOM TOILET & BATH (DORMITORY ROOM)		2.4+2.4+2.4+2.4+1.6+1.6+1.6+1.6					
	WALL	1		16		2.4	38.4	
	DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8	
	VENTILATOR	2	-0.5	0.6		2.4	-1.44	
							386.435	
3	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.							One Number
	VISITORS ROOM TOILET PAN	1					1	
	ALL ROOMS TOILET PAN	12					12	
							13	
4	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge.							One Running Meter
	VISITORS ROOM TOILET PIPES	1		3.6			3.6	
		2		2.9			5.8	
	ALL ROOMS TOILET PIPES	13		5			65	
							74.4	
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)							One Sq. M
	VISTORS ROOM BASIN SUPPORT	2	4	0.5		1	4	
							4	
6	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero-chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily.							One Sq. M

Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm						
VISITORS ROOM TOILET	1		1.8	1.45		2.61
	1		1.1	1.45		1.595
GUEST ROOM TOILET (ROOM 2,5)						
FLOOR	2		2.4	2.47		11.86
GUEST ROOM TOILET (ROOM 3,4)						
FLOOR	2		2.4	1.77		8.5
GUEST ROOM TOILET (ROOM 1,6)						
FLOOR	2		2.4	2.47		11.86
GUEST ROOM TOILET (ROOM 7,8,9)						
FLOOR	3		2.4	2.4		17.28
GUEST ROOM TOILET (ROOM VIP)						
FLOOR	1		2.4	1.45		3.48
GUEST ROOM TOILET (ROOM 10)						
FLOOR	1		2.4	1.45		3.48
DORMITORY ROOM TOILET & BATH						
FLOOR	2		2.4	1.6		7.68
						68.345
Double charge vitrified tile polished finish of Size of Tile 600 x 600 mm			1.8+1.8+ 1.45+1.45			
VISITOR ROOM TOILET	1		6.5		2.4	15.6
	1		5.1		2.4	12.24
DEDUCT DOOR D1	1	-0.5	0.9		2.4	-1.08
DOOR D2	1	-0.5	0.75		2.4	-0.9
VENTILATOR	1	-0.5	0.6		2.4	-0.72
GUEST ROOM TOILET (ROOM 2,5)			2.4+2.4+ 2.47+2.47			
WALL	2		9.74		2.4	46.75
DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
VENTILATOR	2	-0.5	0.6		2.4	-1.44
GUEST ROOM TOILET (ROOM 3,4)			2.4+2.4+ 1.77+1.77			
WALL	2		8.34		2.4	40.03

	DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
	VENTILATOR	2	-0.5	0.6		2.4	-1.44
	GUEST ROOM TOILET (ROOM 1,6)			2.4+2.4+ 2.47+2.47			
	WALL	2		9.74		2.4	46.75
	DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
	VENTILATOR	2	-0.5	0.6		2.4	-1.44
	GUEST ROOM TOILET (ROOM 7,8,9)			2.4+2.4+2.4 +2.4+2.4+2.4			
	WALL	3		14.4		2.4	103.68
	DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
	VENTILATOR	2	-0.5	0.6		2.4	-1.44
	GUEST ROOM TOILET (ROOM VIP)			2.4+2.4+ 1.45+1.45			
	WALL	1		7.7		2.4	18.48
	DEDUCT DOOR D2	1	-0.5	0.75		2.4	-0.9
	VENTILATOR	1	-0.5	0.75		2.4	-0.9
	GUEST ROOM TOILET (ROOM 10)			2.4+2.4+ 1.45+1.45			
	WALL	1		7.7		2.4	18.48
	DEDUCT DOOR D2	1	-0.5	0.75		2.4	-0.9
	VENTILATOR	1	-0.5	0.6		2.4	-0.72
	GUEST ROOM TOILET & BATH (DORMITORY ROOM)			2.4+2.4+2.4+2.4+1.6+1.6+1.6+1.6			
	WALL	1		16		2.4	38.4
	DEDUCT DOOR D2	2	-0.5	0.75		2.4	-1.8
	VENTILATOR	2	-0.5	0.6		2.4	-1.44
							318.09
7	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)						
	TOILET PLASTER	32		2.4		0.3	23.04
	WALL	8		2.47		0.3	5.928
		4		1.77		0.3	2.124
		6		1.45		0.3	2.61
		4		1.6		0.3	1.92
		2		1.8		0.3	1.08
		2		1.1		0.3	0.66
							37.362

One Sq.
M

8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete						
	VISITOR ROOM TOILET						
	CEILING	1	1.8	1.45		2.61	
	CEILING	1	1.1	1.45		1.6	
	WALL	1	6.5	3		19.5	
	WALL	1	5.1	3		15.3	
	GUEST ROOM TOILET (ROOM 2,5)						
	CEILING	2	2.4	2.47		11.86	
	WALL	2	9.74	0.9		17.53	
	GUEST ROOM TOILET (ROOM 3,4)						
	CEILING	2	2.4	1.77		8.5	
	WALL	2	8.34	0.9		15.01	
	GUEST ROOM TOILET (ROOM 1,6)						
	CEILING	2	2.4	2.47		11.86	
	WALL	2	9.74	0.9		17.53	
	GUEST ROOM TOILET (ROOM 7,8,9)						
	CEILING	3	2.4	2.4		17.28	
		3	2.4	0.9		6.48	
	GUEST ROOM TOILET (ROOM VIP)						
	CEILING	1	2.4	1.45		3.48	
	WALL	1	7.7	0.9		6.93	
	GUEST ROOM TOILET (ROOM 10)						
	CEILING	1	2.4	1.45		3.48	
	WALL	1	7.7	0.9		6.93	
	GUEST ROOM TOILET & BATH (DORMITORY ROOM)						
	CEILING	2	2.4	1.6		7.68	
	WALL	2	8	0.9		14.4	
						187.96	
							One Sq. M.

9	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.						
	QTY TAKEN FROM SR. NO. 11 ONLY INNER						37.36
	VISITOR ROOM TOILET						
	CEILING	1		1.8	1.45		2.61
	CEILING	1		1.1	1.45		1.6
	WALL	1		6.5	3		19.5
	WALL	1		5.1	3		15.3
	GUEST ROOM TOILET (ROOM 2,5)						
	CEILING	2		2.4	2.47		11.86
	WALL	2		9.74	0.9		17.53
	DEDUCT DOOR D2	2		0.75	2.1		3.15
	GUEST ROOM TOILET (ROOM 3,4)						
	CEILING	2		2.4	1.77		8.5
	WALL	2		8.34	0.9		15.01
	DEDUCT DOOR D1	2		0.75	2.1		3.15
	GUEST ROOM TOILET (ROOM 1,6)						
	CEILING	2		2.4	2.47		11.86
	WALL	2		9.74	0.9		17.53
	DEDUCT DOOR D2	2		0.75	2.1		3.15
	GUEST ROOM TOILET (ROOM 7,8,9)						
	CEILING	3		2.4	2.4		17.28
	WALL	3		9.6	0.9		25.92
	DEDUCT DOOR D2	2		0.75	2.1		3.15
	GUEST ROOM TOILET (ROOM VIP)						
	CEILING	1		2.4	1.45		3.48
	WALL	1		7.7	0.9		6.93
	DEDUCT DOOR D2	2		0.75	2.1		3.15
	GUEST ROOM TOILET (ROOM 10)						
	CEILING	1		2.4	1.45		3.48
	WALL	1		7.7	0.9		6.93
	DEDUCT DOOR D2	2		0.75	2.1		3.15
	GUEST ROOM TOILET & BATH (DORMITORY ROOM)						
	CEILING	2		2.4	1.6		7.68

One Sq.M

	WALL	2		8	0.9		14.4	
	DEDUCT DOOR D2	2		0.75	2.1		3.15	
							266.81	
10	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre							
	QTY TAKEN FROM SR. NO. 09						266.81	
							266.81	One Sq. M
11	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two coats on old work							
	QTY TAKEN FROM SR. NO. 09						266.81	
							266.81	One Sq.M
12	Providing and fixing in position factory made precast RCC M-40 fixing with hold fast embedded in 1:3:6 concrete block for doors and windows frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S. galvanised sleeves for accommodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receiving sliding door bolts and tower bolt etc. all complete, as per the direction of Engineer-in-charge. The frame shall be measured in running metre correct to two places of decimal.							
	ALL ROOMS TOILET							
	D2	26		2.1			54.6	
		13		0.8			10.4	
							65	One Running Meter

13	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							
	ALL ROOMS TOILET DOORS D2	13		0.8		2.1	21.84	
							21.84	One Sq. M
14	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. 75 mm diameter							
	ALL ROOMS TOILET							
		13		4			52	
		13		4			52	
							104	
15	110 mm Diameter							
	ALL ROOMS TOILETS	13		4			52	
	OUTER LINE							
		1		50			50	
							102	One Running meter
16	Providing and fixing wall hung white wash basin of size 550 x 400 x 195 mm with pillar cock having flow rate up to 6.0 Litr/Minute,C.P.Angular stop cock long thread of Jaquar/Cera/Hindware /Perryware or equivalent make, including SS bottle trap of approved make etc complete as directed by Engineer in charge.(Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)							
	ALL ROOMS TOILET	13					13	
							13	One Number
17	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and							One Number

	making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern							
	VIP ROOM	1					1	
							1	
18	Providing and fixing white European type wall-hung, Size 360mm x 360mm x 575 mm with flush valve having flow rate up to 6.0 Litr/Minute of Jaquar/Cera/Hindware /Perryware or equivalent make including PVC soil pipe, vent pipe upto outside face of wall, 100mm dia PVC plug bend inlet pipe all fittings, cutting & making good walls, floors etc as directed by Engineer in charge.(Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)							
	ROOM 2,3,4,5,10	5					5	
	VIP ROOM	1					1	
	ROOM 1,6,7,8,9 TOILET	5					5	
	DORMITORY ROOM	1					1	
							12	One Number
19	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.							
	ALL ROOMS TOILET	12					12	
							12	One Number
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes							
	ALL ROOMS TOILET	13		3.6			46.8	
							46.8	One Running Meter

	20 mm nominal dia Pipes							
	ALL ROOMS TOILET	13		4.4				57.2
								57.2
	32 mm nominal dia Pipes							
	ALL ROOMS TOILET	11		3.1				34.1
								34.1
21	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent							
	BASIN	1		1.5	0.5			0.75
	BASIN	1		1.5	0.5			0.75
								1.5
								One Sq. M
22	Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete. : JAQUAR as approved by Engineer - in - charge.							
	ALL ROOMS TOILET	13						13
	BATH	2						2
								15
								One Number
23	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore							
	ALL ROOM TOILET GEYSER	24						24
	BATH	2						2
								26
								One Set

24	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.							
	ALL ROOMS TOILET	12					12	
	BATH	1					1	
							13	One Number
25	<p>Providing and fixing of factory madeUPVC Louver window (White Colour) comprising of uPVC multi-chambered with wall thickness of 2.3mm (+-0.2 mm), duly reinforced with 1.5 mm thick G. I. Section. uPVC window & door profile shall be made in India & shall conform to BS EN 12608 and other standards as mentioned below: S.No. Name of the test Test Method Specified Parameter</p> <p>1 Tensile Impact Strength ISO 8256 - more than 700Kj/m2 2 Vicat Softening Temperature EN ISO – 306 Shall not be < 750C</p> <p>3 Charpy Impact Strength EN ISO – 179-2 Shall not be < 20KJ/m2</p> <p>4 Flexural Modulus Elasticity EN ISO – 178 Shall not be < 2200 N/mm2</p> <p>5 Mean Breaking Stress for welded corner (a) For the tensile bending test EN – 514 Shall not be < 25 N/mm2 (b) For the compression bending test Shall not be < 30N/mm2</p> <p>6 Heat Reversion Test IS:4985-2000 Shall not be > 2.0 %</p> <p>7 Surface Spread of flame BS : 476 - Part 7 Classification 1</p> <p>8 Ignitability Evaluation BS : 476 - Part 5 'P' Not easily ignitable</p> <p>9 Tensile modulus ASTM D 638 Shall not be < 35 MPa</p> <p>10 Shear Modulus ASTM D 732 Shall not be < 220 MPa</p> <p>11 Tensile Strength EN ISO 527 Shall not be < 30 MPa. All corners of frame shall be fusion welded. Both vertical sides of the frame, adjustable louver mechanism having one lever or fixed louver bracket shall be fitted with the of 4 mm Frosted Annealed glass. Window will be fixed to the wall with 100mm long and 8mm dia. Fasteners and complete in all respect as per direction of Engineer-In-Charge. uPVC Window and Door Profiles are warranted for a period of ten (10) years against non-uniform discoloration, wrapping and rotting under general use.</p> <p>a.Louver Window (Big Series) frame of size 67 x 62 mm & Mullion (if required) of size 67 x 78 mm.</p>							
	VENTILATOR	13		0.6		0.9	7.02	
							7.02	One Square M.

26	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.							
	VIP ROOM GRILL	13		10			130	
							130	KG
27	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm With R.C.C. raft in B.C. soil area including cost of reinforcement, 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and airtight 75 mm thick R.C.C. cover medium duty 100Kilogrametc. complete.							ONE CUBIC METER
	Inspection Chamber 60cm x 45 cm	12					12	
							12	
28	Providing , laying and fixing ,jointing Eco- drain 110 mm SN 8 Nu- Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.							One Running Meter
		1		150			150	
							150	
29	Liquid soap holder of 400 ml capacity							
		13					13	
							13	ONE NUMBER
30	Soap dish/holder 138x102x75 mm							
		12					12	
							12	ONE NUMBER
31	Shelf 450x124x36 mm							
		12					12	
							12	ONE NUMBER
32	Providing and fixing - Towel Rail (450 mm long), As directed by Engineer in charge.							
	All ROOM TOILET	12					12	

								12	ONE NUMBER

Technical Specifications for Repair and Maintenance of Guest House-Toilets At ICAR-CICR, Panjari, Khapri Phata, Wardha Road, Nagpur.

Specifications:


MINIMUM TECHNICAL SPECIFICATIONS, REPAIR AND MAINTENANCE OF GUEST HOUSE-TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR.

Sr No	Item	QTY	Unit	Rate	Amount
1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :	21.00	Per No.		
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	386.44	One Sq. M.		
3	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	13.00	One Number		
4	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge.	74.40	One Running Meter		
5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)	4	One Sq. M		
6	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero-chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, levelling system and rubber mallet for placing the tiles gently and easily.				
	Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm	68.35	One Sq. M		
	Double charge vitrified tile polished finish of Size of Tile 600 x 600 mm	318.09	One Sq. M		
7	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	37.36	One Sq. M		
8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	187.96	One Sq. M.		
9	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.	266.81	One Sq.		

10	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	266.81	One Sq. M		
11	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two coats on old work	266.81	One Sq.M		
12	Providing and fixing in position factory made precast RCC M-40 fixing with hold fast embedded in 1:3:6 concrete block for doors and windows frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S. galvanised sleeves for accommodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receiving sliding door bolts and tower bolt etc. all complete, as per the direction of Engineer-in-charge. The frame shall be measured in running metre correct to two places of decimal.	65.00	One Running Meter		
13	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	21.84	One Sq. M		
14	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. 75 mm diameter	104.00	One Running meter		
15	110 mm Diameter	102.00	One Running meter		
16	Providing and fixing wall hung white wash basin of size 550 x 400 x 195 mm with pillar cock having flow rate up to 6.0 Litr/Minute, C.P. Angular stop cock long thread of Jaquar/Cera/Hindware /Perryware or equivalent make, including SS bottle trap of approved make etc complete as directed by Engineer in charge. (Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)	13.00	One Number		
17	Providing and fixing white vitreous China flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern	1	One Number		
18	Providing and fixing white European type wall-hung, Size 360mm x 360mm x 575 mm with flush valve having flow rate up to 6.0 Litr/Minute of Jaquar/Cera/Hindware /Perryware or equivalent make including PVC soil pipe, vent pipe upto outside face of wall, 100mm dia PVC plug bend inlet pipe all fittings, cutting & making good walls, floors etc as directed by Engineer in charge. (Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)	12	One Number		

19	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.	12	One Number		
20	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes	46.80	One Running Meter		
	20 mm nominal dia Pipes	57.2	One Running Meter		
	32 mm nominal dia Pipes	34.1	One Running Meter		
21	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	1.5	One Sq. M		
22	Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete. : JAQUAR as approved by Engineer - in - charge.	15	One Number		
23	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	26	One Set		
24	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.	13	One Number		
25	Providing and fixing of factory made UPVC Louver window (White Colour) comprising of uPVC multi-chambered with wall thickness of 2.3mm (+0.2 mm), duly reinforced with 1.5 mm thick G. I. Section. uPVC window & door profile shall be made in India & shall conform to BS EN 12608 and other standards as mentioned below: S.No. Name of the test Test Method Specific Parameter 1 Tensile Impact Strength ISO 8256 - more than 700Kj/m ² 2 Vicat Softening Temperature EN ISO - 306 Shall not be < 750C3 Charpy Impact Strength EN ISO - 179-2 Shall not be < 20KJ/m ² 4 Flexural Modulus Elasticity EN ISO - 178 Shall not be < 2200 N/mm ² 5 Mean Breaking Stress for welded corner(a) For the tensile bending test EN - 514 Shall not be < 25 N/mm ² (b) For the compression bending test Shall not be < 30N/mm ² 6 Heat Reversion Test IS:4985-2000 Shall not be > 2.0 %7 Surface Spread of flame BS : 476 - Part 7 Classification 18 Ignitability Evaluation BS : 476 - Part 5 'P' Not easily ignitable9 Tensile modulus ASTM D 638 Shall not be < 35 MPa10 Shear Modulus ASTM D 732 Shall not be < 220 MPa11 Tensile Strength EN ISO 527 Shall not be < 30 MPa. All corners of frame shall be fusion welded. Both vertical sides of the frame, adjustable louver mechanism having one lever or fixed louver bracket shall be fitted with the of 4 mm Frosted Annealed glass. Window will be fixed to the wall with 100mm long and 8mm dia. Fasteners and complete in all respect as per direction of Engineer-In-Charge. uPVC Window and Door Profiles are warranted for a period of ten	7.02	One Square M.		

	(10) years against non-uniform discoloration, warping and rotting under general use.a.Louver Window (Big Series) frame of size 67 x 62 mm & Mullion (if required) of size 67 x 78 mm.				
26	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.	130	KG		
27	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm With R.C.C. raft in B.C. soil area including cost of reinforcement, 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and airtight 75 mm thick R.C.C. cover medium duty 100Kilogrametc. complete.	12	ONE CUBIC METER		
28	Providing , laying and fixing ,jointing Eco- drain 110 mm SN 8 Nu- Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.	150	One Running Meter		
29	Liquid soap holder of 400 ml capacity	13	ONE NUMBER		
30	Soap dish/holder	12	ONE NUMBER		
31	Shelf 450x124x36 mm	12	ONE NUMBER		
32	Providing and fixing - Towel Rail (450 mm long) , As directed by Engineer in charge.	12	ONE NUMBER		


 08/01/25
(Puneet Kumar)
Administrative Officer
ICAR-CICR, Nagpur

GENERAL REPORT AND SPECIFICATION

NAME OF WORK	:-	REPAIR AND MAINTENANCE OF GUEST HOUSE- TOILETS AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR.
Provision	:-	Following provisions are made in the estimate
	1	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :
	2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.
	3	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.
	4	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge.
	5	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)
	6	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero-chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.
		Glazed Vitrified tiles Matt/Antiskid finish of size Size of Tile 600 x 600 mm
		Double charge vitrified tile polished finish of Size of Tile 600 x 600 mm.
	7	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)
	8	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete
	9	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.
	10	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content. With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre : Two coat
	11	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: Two coats on old work
	12	Providing and fixing in position factory made precast RCC M-40 fixing with hold fast embedded in 1:3:6 concrete block for doors and windows frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S. galvanised sleeves for accommodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for receiving sliding door bolts and tower bolt etc. all complete, as per the direction of Engineer-in-charge. The frame shall be measured in running metre correct to two places of decimal.
	13	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:30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws

14	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. 75 mm diameter
	110 mm Diameter
15	Providing and fixing wall hung white wash basin of size 550 x 400 x 195 mm with pillar cock having flow rate up to 6.0 Litr/Minute, C.P. Angular stop cock long thread of Jaquar/Cera/Hindware /Perryware or equivalent make, including SS bottal trap of approved make etc complete as directed by Engineer in charge.(Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)
16	Providing and fixing white vitreous China flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :One urinal basin with 5 litre white P.V.C. automatic flushing cistern
17	Providing and fixing white European type wall-hung, Size 360mm x 360mm x 575 mm with flush valve having flow rate up to 6.0 Litr/Minute of Jaquar/Cera/Hindware /Perryware or equivalent make including PVC soil pipe, vent pipe upto outside face of wall, 100mm dia PVC plug bend inlet pipe all fittings, cutting & making good walls, floors etc as directed by Engineer in charge.(Make shall conform to manufacturer's Green product and shall got approved from the Engineer In Charge.)
18	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.
19	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold-water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal dia Pipes
	20 mm nominal dia Pipes
	32 mm nominal dia Pipes
20	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent
21	Providing and fixing C.P. BIB cock with wall flange of approved make including necessary sockets/ union nut etc. complete. : JAQUAR as approved by Engineer - in - charge.
22	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore
23	Providing and fixing 450mm x 550mm size superior type Belgium mirror with 16mm dia. nickel plated towel rod etc. complete.
24	Providing and fixing of factory made UPVC Louver window (White Colour) comprising of uPVC multi-chambered with wall thickness of 2.3mm (+0.2 mm), duly reinforced with 1.5 mm thick G. I. Section. uPVC window & door profile shall be made in India & shall conform to BS EN 12608 and other standards as mentioned below: S.No. Name of the test Test Method Specific Parameter 1 Tensile Impact Strength ISO 8256 - more than 700Kj/m2

		<p>2 Vicat Softening Temperature EN ISO – 306 Shall not be < 750C</p> <p>3 Charpy Impact Strength EN ISO – 179-2 Shall not be < 20KJ/m2</p> <p>4 Flexural Modulus Elasticity EN ISO – 178 Shall not be < 2200 N/mm2</p> <p>5 Mean Breaking Stress for welded corner</p> <p>(a) For the tensile bending test EN – 514 Shall not be < 25 N/mm2</p> <p>(b) For the compression bending test Shall not be < 30N/mm2</p> <p>6 Heat Reversion Test IS:4985-2000 Shall not be > 2.0 %</p> <p>7 Surface Spread of flame BS : 476 - Part 7 Classification 1</p> <p>8 Ignitability Evaluation BS : 476 - Part 5 'P' Not easily ignitable</p> <p>9 Tensile modulus ASTM D 638 Shall not be < 35 MPa</p> <p>10 Shear Modulus ASTM D 732 Shall not be < 220 MPa</p> <p>11 Tensile Strength EN ISO 527 Shall not be < 30 MPa. All corners of frame shall be fusion welded. Both vertical sides of the frame, adjustable louver mechanism having one lever or fixed louver bracket shall be fitted with the of 4 mm Frosted Annealed glass. Window will be fixed to the wall with 100mm long and 8mm dia. Fasteners and complete in all respect as per direction of Engineer-In-Charge.</p> <p>uPVC Window and Door Profiles are warranted for a period of ten (10) years against non-uniform discoloration, wrapping and rotting under general use.</p> <p>a.Louver Window (Big Series) frame of size 67 x 62 mm & Mullion (if required) of size 67 x 78 mm.</p>
	25	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.
	26	Providing and constructing Brick Masonry Inspection Chamber 60cm x 45cm With R.C.C. raft in B.C. soil area including cost of reinforcement, 1:2:4 cement concrete channels half round G.S.W. pipes, Brick Masonry, plastering from inside and airtight 75 mm thick R.C.C. cover medium duty 100Kilogrametc. complete.
	27	Providing , laying and fixing jointing Eco- drain 110 mm SN 8 Nu- Drain Upvc pipes or of equivalent make, manufacture as per EN 13476 or equivalent as per I.S.15328 with fittings such a bends, tees, coupler, etc, jointing with rubber lubricant including necessary excavation, trench refilling with selective excavated material etc. complete.
	28	Liquid soap holder of 400 ml capacity
	29	Soap dish/holder
	30	Shelf 450x124x36 mm
	31	Providing and fixing - Towel Rail (450 mm long) , As directed by Engineer in charge.
Note		The work shall be carried out as per Standard Specifications laid down in specification book & Directions of Engineer-In-Charge.