

# TENDER DOCUMENT

**(RENOVATION/MODIFICATION OF DIRECTOR'S CHAMBER AT  
ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD,  
NAGPUR)**



**2022-23**



**भा.कृ.अनु.प. – कपास अनुसंधान संस्थान, नागपुर**

पोस्ट बैग नं.2, शंकर नगर पोस्ट ऑफिस नागपुर-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, नागपूर, - ४४११०८

(फोन, न.07103&2755/36/38/39 फ़ैक्स, 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](http://www.cicr.org.in) E-mail : [cicrnagpur@gmail.com](mailto:cicrnagpur@gmail.com)



भा.कृ.अनु.प. - केन्द्रीय कपास अनुसंधान संस्थान  
पोस्ट बैग सं. 2, शंकरनगर पोस्ट ऑफिस, नागपुर - 440010

**ICAR - CENTRAL INSTITUTE FOR COTTON RESEARCH**

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



An ISO 9001-2015 Certified

GST No. 27AAAAI1830P3ZH

F. No. 02/Renovation of Director's Chamber/2022-23

Dated : 24-02-2023

**SUB: E-TENDER FOR "RENOVATION/MODIFICATION OF DIRECTOR'S CHAMBER 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 **RENOVATION/MODIFICATION OF DIRECTOR'S CHAMBER AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR**. The details of 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/ Renovation of Director's Chamber /2022-23
E-TENDER COST	Free of Cost.
DESCRIPTION OF WORK	<b>RENOVATION/MODIFICATION OF DIRECTOR'S CHAMBER AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR</b>
TYPE OF E-TENDER BID	Two Bid System (Technical & Financial)
SUBMISSION START DATE AND TIME	25.02.2023 at 12.00 PM onwards
BID SUBMISSION END DATE AND TIME	17.03.2023 up to 04.00 PM
DATE AND TIME OF OPENING OF TENDERS (TECHNICAL BID)	20.03.2023 at 02.30 PM (Tentative)
DATE AND TIME OF OPENING OF E-TENDERS (FINANCIAL BID)	Will be intimated later
BID VALIDITY	90 days from the date of Technical Bid opening
EMD	Rs.38,500/- (Rupees Thirty eight Thousand Five Hundred Only) 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)	Rs.95,500/- (Rupees Ninety five Thousand five hundred Only) in the form of Demand Draft/Bank Guarantee in favour of “Director, ICAR-CICR, Nagpur.
VALIDITY OF SD/PB	60 days after the expiry of the contract
Details of e-tender	E-Tender (Technical & Financial) uploaded on CPP Portal <a href="https://eprocure.gov.in/epublishing/app">https://eprocure.gov.in/epublishing/app</a> and cicr website <a href="http://www.cicr.org.in">www.cicr.org.in</a> from 25.02.2023 to 17.03.2023 upto 04.00 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	31
10	Drawing	ANNEXURE- X	38
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](http://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 CPP Portal ([www.eprocure.gov.in/epublishing/app](http://www.eprocure.gov.in/epublishing/app)) and Institute website [www.cicr.org.in](http://www.cicr.org.in).

Yours faithfully,

Sd/-

(A.A. Goswami)

**Chief 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. 38,500/-** 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 to Government Departments. **(Renovation/modifications of office cabins/chambers) (Photo graphs must be attached.)**
6. Scanned copy of Income Tax Returns for the last three years (2019-20, 2020-21 & 2021-22)
7. Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2019-20, 2020-21 & 2021-22).
8. Scanned copy of Turnover of the business should be Rs. 10.00 Lakhs 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). **(Renovation/modifications of office cabins/chambers) (Photo graphs must be attached)**

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. 100/- (Rupees One 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 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.**

**Financial Bid:-**

- a) Price Bid as BOQ XXX.xls

**Sd/-**  
**CHIEF 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:-

<b>Sr. No</b>	<b>Documents (Strictly) as per details below</b>	<b>Whether submitted or not</b>	<b>If submitted, mention file name &amp; page no.</b>
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. <b>(Renovation/modifications of office cabins/chambers) (Photo graphs must be attached.)</b>		
6	Scanned copy of Income Tax Returns for the last three years (2019-20, 2020-21 & 2021-22)		
7	Scanned copy of Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years (2019-20, 2020-21 & 2021-22)		
8	Scanned copy of Turnover of the business should be Rs. 10.00 Lakhs per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.		
9	Scanned copy/copies of experience of having successfully completed similar kind of works during last 3 years (Similar civil work). (2019-20, 2020-21 & 2021-22) <b>(Renovation/modifications of office cabins/chambers) (Photo graphs must be attached)</b>		
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. 100/- (Rupees One 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.**

**SCHEDULE- II**

**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: - .....

**Annexure-II**



## TERMS & CONDITIONS

1. The tenderer shall quote rates, which will include the supply, installation & other incidental charges. GST, if any, should be indicated separately.
2. The rates should be quoted as per the BOQ uploaded on the 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 materials to be used must be of good quality, reputed company/branded, ISI marked only . The same will ne checked by the civil Engineer appointed by this Institute before the execution of work. The quality of the work will not be compromised.**
4. 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.
5. Copy of the Income Tax Statement for the financial year 2019-20, 2020-21 & 2021-22, may be furnished.
6. The firm should have experience for over 03 (Three) years in the trade with the business turnover of not less than Rs. **10.00 Lakhs** per annum for 2019-20, 2020-21 & 2021-22. Chartered Accountant certified profit and Loss account Balance sheet to this effect may be enclosed.
7. Modification in the tender documents after the closing date is not permissible.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. The interested Firms are required to deposit an **Earnest Money Deposit of Rs. 38,500/-** 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 **Chief 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.

14. Rates once finalized will not be enhanced/reduced during the period of the contract.
15. In case, the successful bidder shows inability to accept work order/contract at any stage, after the contract is finalized and awarded, for whatsoever reason(s), to honour the contract, the earnest money /performance security deposited would be forfeited.
16. The Director, ICAR-CICR reserves the right to cancel the contract at any time during the contract period without giving any reason.
17. The firm, to whom the tender awarded, will have to deposit the **performance security of Rs. 95,500/- (Rupees Ninety five thousand five hundred only) within 10 days from the date of receipt of work order.** 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.
18. 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.
19. Bid Validity: 90 days
20. Payment:- No advance or part payment will be given. The payment will be released after satisfactory completion of the work and certificate from the Indentor.

**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)

**Annexure-III**

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

Price bid for “Renovation/modification of Director’s chamber 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.	Renovation/modification of Director’s chamber at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur as per the enclosed specification as Annexure – IX and drawing of construction as Annexure - X	As per work Details	

- Items should be of reputed make and suitable for high end elite users.
- **Applicable basic rates are to be filled in the column number 6 and the rate of GST may be filled (Rupees) in column number 7 in the BOQ (Financial Bid).**
- **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, WARDH 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 hereby the terms/conditions/clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/organization too 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 CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP 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 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 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 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 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 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 CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.



## Details of Work &amp; EMD

Sl. No.	Item	Qty.	Earnest Money Deposit
1	<b>Renovation/modification of Director's chamber at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur</b>	1 Unit	Rs. 38,500/-

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 Renovation/modification of Director's chamber 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 :						Nos.
	Of area beyond 3 sq. metres						
	Main Door	1	-	-	-	1	
	Toilet	1	-	-	-	1	
	Furnitures	10	-	-	-	10	
		8	-	-	-	8	
						<b>20</b>	
2	Dismantling aluminium/Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-incharge.						Sq. M
	Cabin	1	11.58	5	1	57.9	
						<b>57.9</b>	
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.						Cubic M
	Toilet	1	1.2	3	0.15	0.54	
		1	0.9	3	0.15	0.41	
	Cabin	1	5	3	0.3	4.5	
						<b>5.45</b>	
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.						Sq. M
	For thickness of tiles 10 mm to 25 mm						
	Toilet Floor	1	2.4	1.6		3.84	
	Wall	1	8	3		24	
	Deduction	-1	2.1	0.75		-1.575	
						<b>26.265</b>	

5	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.						<b>No.</b>
			<b>1</b>			<b>1</b>	
						<b>1</b>	
6	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.						<b>Running Meter</b>
		Toilet	2	3		6	
			1	3		3	
						<b>9</b>	
7	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)						<b>Sq. M</b>
		Toilet	1	1.2	3	3.6	
			1	0.9	3	2.7	
						<b>6.3</b>	
8	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall						

	screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :						
	12.5 mm thick tapered edge gypsum moisture resistant board						
	Cabin	1	11.58	5		57.9	
						57.9	Sq. M
9	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :						
	Second class teak wood						
	Cabin	1	11.58	5		57.9	
						57.9	Sq. M
10	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 ncluding 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						
	Toilet floor	1	2.4	1.6		3.84	
	Double charge vitrified tile polished finish of Size of Tile 600 x 600 mm						
	Toilet Wall outer	1	2.1	3		6.3	
	Toilet Wall					28.725	Sq. M

<b>11</b>	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)						
	Toilet wall	2	1.2	3		7.2	
		2	0.9	3		5.4	
	Cabin Wall repair	1	11	0.45		<b>4.95</b>	
						<b>17.55</b>	<b>Sq. M</b>
<b>12</b>	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete						
	wall	1	33.16	3		<b>99.48</b>	
	Deduction						
		-2	2.1	0.9		<b>-3.78</b>	
		-1	2.1	0.75		<b>-1.575</b>	
		-8	0.95	1.2		<b>-9.12</b>	
						<b>85.01</b>	<b>Sq. M</b>
<b>13</b>	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.						
	cabin wall					85.01	
						<b>85.01</b>	<b>Sq. M</b>
<b>14</b>	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						
	wall					85.01	
						<b>85.01</b>	<b>Sq. M</b>
<b>15</b>	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work						
	wall					85.01	
						<b>85.01</b>	<b>Sq. M</b>
<b>16</b>	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing						

	required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).							
	Conference Partition Door	1	2.1	1.1		2.31		<b>Sq. M</b>
						<b>2.31</b>		
<b>17</b>	Providing and fixing 12 mm thick frameless toughened glass of approved brand and manufacture, including providing and fixing top & bottom pivot and making necessary holes etc. for fixing required fittings, all complete as per direction of Engineer-in-charge							<b>Sq. M</b>
	Conference Partition	1	5	3		15		
	Door Deduction	-1	2.1	1		-2.1		
						<b>15</b>		
<b>18</b>	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							<b>Sq. M</b>
	toilet door	1	2.1	0.75		1.575		
						<b>1.575</b>		
<b>19</b>	Providing and fixing Country cut teak wood double or single leaf panelled shutters, 35 mm thick style top and freze rail 95 x 35 thick with lock and bottam rail 195 x 25 mm thick and panels without ventilator as per detailed drawing excluding the door frame, stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats complete							<b>Sq. M</b>
	main door	2	2.1	1		4.2		
						<b>4.2</b>		
<b>20</b>	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood							<b>Cubic Meter</b>
	MAIN DOOR	2	0.15	0.15	5.2	0.234		
	TOILET FRAME	1	0.15	0.15	4.95	0.11138		
						<b>0.34538</b>		

21	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer						
	Toilet	2				2	One Numbe
						2	
22	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						
	Toilet	1				1	One Numbe
						1	
23	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid: JAQUAR as approved by Engineer - in - charge.						
	Toilet	1				1	One Numbe
						1	
24	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.						
	Toilet	1				1	One Numbe
						1	
25	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	1	5			5	<b>Running Meter</b>
	20 mm nominal dia Pipes	1	3			3	
	32 mm nominal dia Pipes	1	3			3	
<b>26</b>	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						<b>Sq. M</b>
	Door	2	1	0.15		0.3	
	Toilet Door	1	0.75	0.15		0.1125	
	Toilet Basin	1	1.6	0.6		0.96	
						<b>1.3725</b>	
<b>27</b>	Cabin Table_(2400×H750×D991) Providing & fixing in position with Table made up of 1. Top panel in 36 (18mm+ 7.5mm+5.5mm HDHMR + 6mm BPG GLASS) mm thick. HDHMR white matt finished with Edge Profile from all sides with 6mm back painted glass. 2. Modesty panel in 18mm thick. HDHMR Matt Finished both side laminated with pvc edge binding machine pressed from all sides. 3. Base Support CRCA Pipe frame 25x75x1.2mm Powder Coated. including necessary hardware etc. as per approved shade & colour. As directed by Engineer in charge.						<b>One set</b>
	Director Main Table	1				1	
						<b>1</b>	
<b>28</b>	Side Credenza (3 Top Drawers & 3 Base Shutter)_(w2000h750×d450) Providing & fixing in position with Side Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase &						



	Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges , Regular Telescopic Rail, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.						<b>One set</b>
	Director Side Table	1				1	
						<b>1</b>	
<b>29</b>	Corner Back Credenza (1 Base Shutter)_(w1600h750d450) Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge. As directed by Engineer in charge.						<b>One set</b>
	Director corner Table	1				1	
						<b>1</b>	
<b>30</b>	Back Credenza (2 Base Shutter)_(w1450h750d450) Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides.including necessary Regular Hinges, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.						<b>One set</b>
	Director back Table	2				2	
						<b>2</b>	
<b>31</b>	Tall Shelf Storage Unit (6 Base Drawers & 2 Top Shutters)_(w1200×h3000×600) Providing & fixing in position with Storage made up of 1. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding						

	machine pressed from all sides. 2. Carcase & Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Regular Telescopic Rail, Horizontal Gola Handle etc complete as per approved shade & colour. As directed by Engineer in charge.						<b>One set</b>
	Beside to door	1				1	
	Conference room	3				3	
						<b>4</b>	
<b>32</b>	Conference Table (2700×H750×D1500) Providing & Fixing in position with Conference Table made up of 1. Top Panel in 25mm thick. MD front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.2. Base Support CRCA Sure Pipe Frame 25x75x1.6mm Black Powder Coated. with necessary Hardware Modular Flap etc. as per approved shade & colour. As directed by Engineer in charge.						<b>One set</b>
	Conference room	1				1	
						<b>1</b>	
<b>33</b>	Providing & Arrangemnt of High Boss Chair - TILT MECHANISM WITH MULTILOCKING, HIGH DENSITY CUSHION ON SEAT COMPOSITE LEATHER WITH METALLIC SILVER FINISH BASE AND ARMS WITH P.U.CASTORS GASLIFT FOR HEIGHT ADJUSTMENT. As directed by Engineer in charge.						<b>One Numbe</b>
	Main Chair	1				1	
	Conference room Chair	1				1	
						<b>2</b>	
<b>34</b>	Sofa Set 3 Seater Providing & fixing Sofa Set 3 Brown and Cream leather DIMENSION Length: 182.5 (cms) Breadth (cms): 100 (cms)Height (cms): 100 (cms) Weight (Kilograms): 66 (Kilogram) Seating Capacity: 3 Seat As directed by Engineer in charge.						<b>One Numbe</b>
	Cabin Sofa set	2				2	
						<b>2</b>	
<b>35</b>	Tea Table 1000mm X 850mm X 450mm for m.s. ante chamber Providing And Fixing Of Tea Table 1000mm X 850mm X 450mm With 12mm Thick Colour Etched Tempered Glass With Bevelled Drawing Made Out Of 18mm						<b>One Numbe</b>

	Thick Waterproofing Ply. The Outer Laces To Be Finished With High Quality 4 Mm Thick Veneer Or 1 Mm Thik Mica Etc. As directed by Engineer in charge.						
	Tea Table	1				1	
						1	
<b>36</b>	Providing & Arrangemnt of Mid Back, ECO CTS Mechanism , Fixed Armrest , Gaslift for Seat height adjustment, Standard 5-prong P/Nylon Base with Fabric Upholstery						<b>One Numbe</b>
	Chairs Cabin	6				6	
	Chairs Conference room	12				12	
						<b>18</b>	
<b>37</b>	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 12 mm thick confirming to IS:14587						
	Cabin	1	5	3		15	
	Conference	1	5	3		15	
						<b>30</b>	<b>Sq. M</b>

## GENERAL SPECIFICATION

Sr. No.	GENERAL SPECIFICATION
<b>A</b>	<b>DIRECTOR'S CABIN</b>
<b>01</b>	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :
<b>02</b>	Dismantling of false ceiling
<b>03</b>	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.
<b>04</b>	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.
<b>05</b>	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.
<b>06</b>	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.
<b>07</b>	Half brick masonry with common burnt clay F.P.S. toilet new wall
<b>08</b>	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :
<b>09</b>	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :
<b>10</b>	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 ncluding 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.
	Antiskid finish floor tiles
	Double charge vitrified tile polished finish wall tiles
<b>11</b>	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) in toilet and cabin wall repair
<b>12</b>	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete
<b>13</b>	Providing and applying white cement based putty in cabin
<b>14</b>	Applying priming coats with primer of approved brand 2 coat

15	Wall painting with plastic emulsion paint more than 2 coat
16	Providing and fixing 12 mm thick frameless toughened glass door shutter
17	Providing and fixing 12 mm thick frameless toughened glass partition
18	Providing and fixing ISI marked flush door shutters
19	Providing and fixing 35mm Country cut teak wood double or single leaf panelled shutters
20	Providing wood work in frames of doors Second class teak wood
21	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer
22	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin
23	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid: JAQUAR as approved by Engineer - in - charge.
24	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.
25	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
26	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
27	Cabin Table_(2400xH750xD991) Providing & fixing in position with Table made up of 1.Top panel in 36 (18mm+ 7.5mm+5.5mm HDHMR + 6mm BPG GLASS) mm thick. HDHMR white matt finished with Edge Profile from all sides with 6mm back painted glass. 2. Modesty panel in 18mm thick. HDHMR Matt Finished both side laminated with pvc edge binding machine pressed from all sides. 3.Base Support CRCA Pipe frame 25x75x1.2mm Powder Coated. including necessary hardware etc. as per approved shade & colour.As directed by Engineer in charge.
28	Side Credenza (3 Top Drawers & 3 Base Shutter)_(w2000h750xd450) Providing & fixing in position with Side Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase & Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges , Regular Telescopic Rail, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.
29	Corner Back Credenza (1 Base Shutter)_(w1600h750d450) Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Pocket Handle

	etc complete as per approved shade & colour. As directed by Engineer in charge. As directed by Engineer in charge. As directed by Engineer in charge.
30	Back Credenza (2 Base Shutter)_(w1450h750d450)Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides.including necessary Regular Hinges, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.
31	Tall Shelf Storage Unit (6 Base Drawers & 2 Top Shutters)_(w1200×h3000×600) Providing & fixing in position with Storage made up of 1. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Carcase & Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Regular Telescopic Rail, Horizontal Gola Handle etc complete as per approved shade & colour. As directed by Engineer in charge.
32	Conference Table_(2700×H750×D1500) Providing & Fixing in position with Conference Table made up of 1. Top Panel in 25mm thick. MD front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.2. Base Support CRCA Sure Pipe Frame 25x75x1.6mm Black Powder Coated. with necessary Hardware Modular Flap etc. as per approved shade & colour. As directed by Engineer in charge.
33	Providing & Arrangemnt of High Boss Chair - TILT MECHANISM WITH MULTILOCKING, HIGH DENSITY CUSHION ON SEAT COMPOSITE LEATHER WITH METALLIC SILVER FINISH BASE AND ARMS WITH P.U.CASTORS GASLIFT FOR HEIGHT ADJUSTMENT. As directed by Engineer in charge.
34	Sofa Set 3 Seater Providing & fixing Sofa Set 3 Brown and Cream leather DIMENSION Length: 182.5 (cms) Breadth (cms): 100 (cms)Height (cms): 100 (cms) Weight (Kilograms): 66 (Kilogram) Seating Capacity: 3 Seat As directed by Engineer in charge.
35	Tea Table 1000mm X 850mm X 450mm for m.s. ante chamber Providing And Fixing Of Tea Table 1000mm X 850mm X 450mm With 12mm Thick Colour Etched Tempered Glass With Bevelled Drawing Made Out Of 18mm Thick Waterproofing Ply. The Outer Laces To Be Finished With High Quality 4 Mm Thik Veneer Or 1 Mm Thik Mica Etc. As directed by Engineer in charge.
36	Providing & Arrangemnt of Mid Back, ECO CTS Mechanism , Fixed Armrest , Gaslift for Seat height adjustment, Standard 5-prong P/Nylon Base with Fabric Upholstery
37	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 12 mm thick confirming to IS:14587
<b>B</b>	<b>ELECTRICAL WORK</b>
38	Electrical Work Including Switches, lights, Wirings, Pedestrial Fan, Power Switches and etc. (as per Electrical Drawing)

**Technical Specifications for Renovation/modification of Director's chamber at ICAR-CICR, panjari, khapri phata, wardha road, Nagpur**

**Specifications:**

**MINIMUM TECHNICAL SPECIFICATIONS, FOR RENOVATION/MODIFICATION OF DIRECTOR'S CHAMBER AT ICAR-CICR, PANJARI, KHAPRI PHATA, WARDHA ROAD, NAGPUR.**

S.N	Description of Item	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 :	20.00	Per No.
2	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed glazing and false ceiling including disposal of unserviceable material and stacking of serviceable material with in 50 meters lead as directed by Engineer-incharge.	57.90	Sq. M
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	5.45	Cubic. M
4	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.	26.27	Sq. M.
5	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	1.00	Number
6	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.	9.00	Running Meter
7	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)	6.30	Sq. M
8	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25	57.90	Sq. M

	mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :		
<b>9</b>	25 mm wooden planking, tongued and grooved in flooring, including fixing with iron screws complete with :	57.90	Sq. M
<b>10</b>	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	3.84	Sq. M
<b>11</b>	Double charge vitrified tile polished finish of Size of Tile 600 x 600 mm	28.73	Sq. M



12	12 mm cement plaster of mix :1:4 (1 cement: 4 fine sand)	17.55	Sq. M
13	Removing white or colour wash by scrapping and sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete	85.01	Square Metre
14	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.	85.01	Sq.M
15	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	85.01	Sq. M
16	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One or more coats on old work	85.01	Square Metre
17	Providing and fixing 12 mm thick frameless toughened glass door shutter of approved brand and manufacture, including providing and fixing top & bottom pivot & double acting hydraulic floor spring type fixing arrangement and making necessary holes etc. for fixing required door fittings, all complete as per direction of Engineer-in-charge (Door handle, lock and stopper etc.to be paid separately).	2.31	Sq. M
18	Providing and fixing 12 mm thick frameless toughened glass of approved brand and manufacture, including providing and fixing top & bottom pivot and making necessary holes etc. for fixing required fittings, all complete as per direction of Engineer-in-charge	15.00	Sq. M
19	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	1.58	Sq. M
20	Providing and fixing Country cut teak wood double or single leaf panelled shutters, 35 mm thick style top and freze rail 95 x 35 thick with lock and bottam rail 195 x 25 mm thick and panels without ventilator as per detailed drawing excluding the door frame, stainless steel fixtures and fastening and finishing the wood work with oil painting 3 coats complete	4.20	Sq.M
21	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast	0.35	cubic

	lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood		metre
22	Providing and fixing wash basin with C.I. brackets, 15 mm dia CP Brass single hole basin mixer of approved quality and make, including painting of fittings and brackets, cutting and making good the walls wherever required:(a) White Vitreous China Wash basin size 550x400 mm with a 15 mm CP Brass single hole basin mixer	2.00	Number
23	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	1.00	Number
24	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid: JAQUAR as approved by Engineer - in - charge.	1.00	Number
25	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.	1.00	Number
26	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.  <b>(15 mm nominal dia Pipes)</b>	5	Running Meter
27	20 mm nominal dia Pipes	3	Running Meter

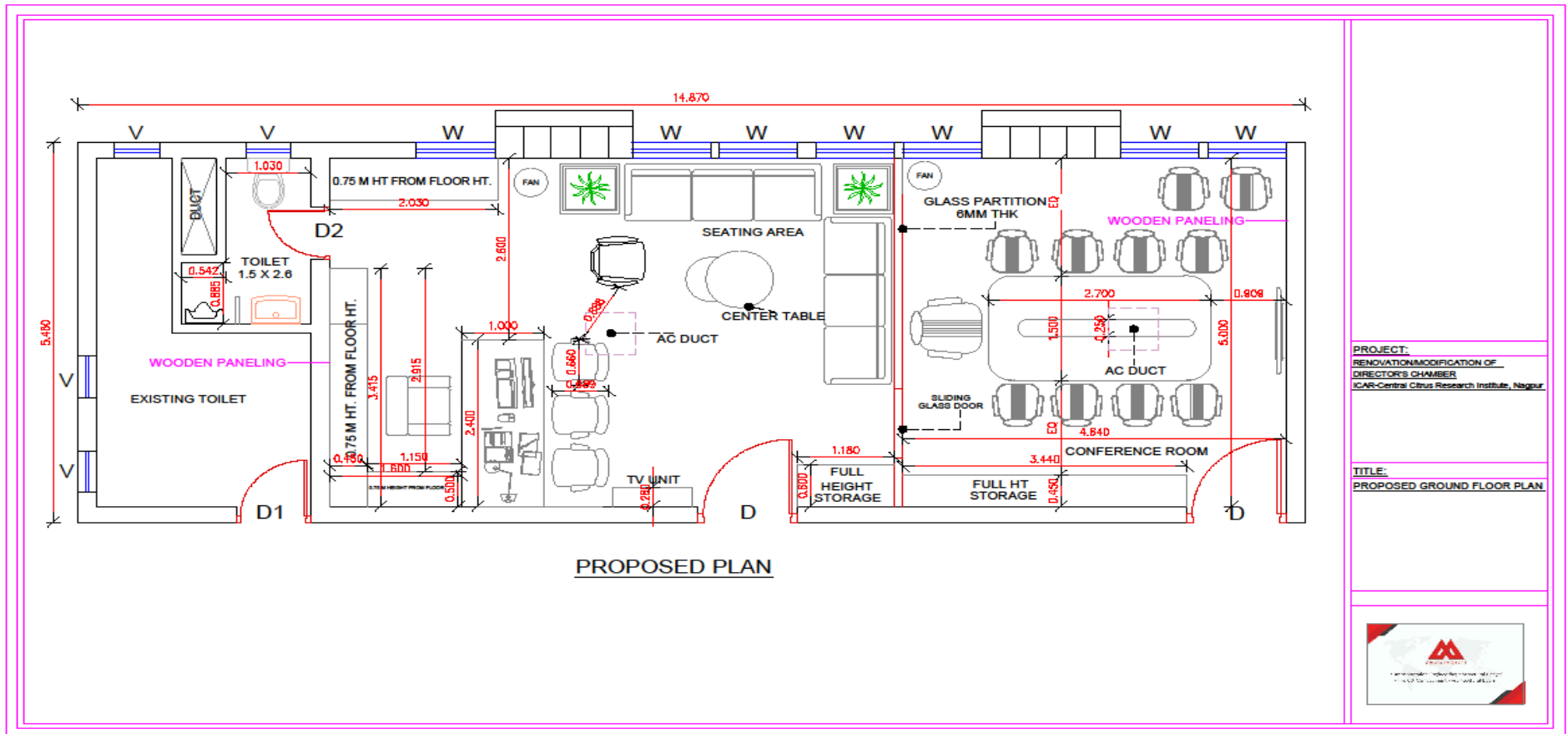
28	32 mm nominal dia Pipes	3	Running Meter
29	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement 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	1.37	Sq. M
30	Cabin Table_(2400×H750×D991) Providing & fixing in position with Table made up of 1. Top panel in 36 (18mm+ 7.5mm+5.5mm HDHMR + 6mm BPG GLASS) mm thick. HDHMR white matt finished with Edge Profile from all sides with 6mm back painted glass. 2. Modesty panel in 18mm thick. HDHMR Matt Finished both side laminated with pvc edge binding machine pressed from all sides. 3. Base Support CRCA Pipe frame 25x75x1.2mm Powder Coated. including necessary hardware etc. as per approved shade & colour. As directed by Engineer in charge.	1	One Set
31	Side Credenza (3 Top Drawers & 3 Base Shutter)_(w2000h750×d450) Providing & fixing in position with Side Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase & Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges , Regular Telescopic Rail, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.	1	One Set
32	Corner Back Credenza (1 Base Shutter)_(w1600h750d450) Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge. As	1	One Set

	directed by Engineer in charge.As directed by Engineer in charge.		
33	Back Credenza (2 Base Shutter)_(w1450h750d450) Providing & fixing in position with Credenza made up of 1. Top Panel in 25mm thick. MDF front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Shutter in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.3. Carcase in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides.including necessary Regular Hinges, Pocket Handle etc complete as per approved shade & colour. As directed by Engineer in charge.	2	Set
34	Tall Shelf Storage Unit (6 Base Drawers & 2 Top Shutter)_(w1200×h3000×600) Providing & fixing in position with Storage made up of 1. Shutter & Drawer Facia in 18mm thick. HDHMR front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides. 2. Carcase & Drawer material in 18mm thick. HDHMR white both side white matt finished with pvc edge binding machine pressed from all sides. including necessary Regular Hinges, Regular Telescopic Rail, Horizontal Gola Handle etc complete as per approved shade & colour. As directed by Engineer in charge.	4	Set
35	Conference Table_(2700×H750×D1500)Providing & Fixing in position with Conference Table made up of 1. Top Panel in 25mm thick. MD front side Matt Finished & backing plain white matt finished with pvc edge binding machine pressed from all sides.2. Base Support CRCA Sure Pipe Frame 25x75x1.6mm Black Powder Coated. with necessary Hardware Modular Flap etc. as per approved shade & colour. As directed by Engineer in charge.	1	No.
36	Providing & Arrangemnt of High Boss Chair - TILT MECHANISM WITH MULTILOCKING, HIGH DENSITY CUSHION ON SEAT COMPOSITE LEATHER WITH METALLIC SILVER FINISH BASE AND ARMS WITH P.U.CASTORS GASLIFT FOR HEIGHT ADJUSTMENT. As directed by Engineer in charge.	2	Nos.
37	Sofa Set 3 Seater Providing & fixing Sofa Set 3 Brown and Cream leather DIMENSION Length: 182.5 (cms) Breadth (cms): 100 (cms)Height (cms): 100 (cms) Weight (Kilograms): 66 (Kilogram) Seating Capacity: 3 Seat As directed by Engineer in charge.	2	Nos.

38	Tea Table 1000mm X 850mm X 450mm for m.s. ante chamber Providing And Fixing Of Tea Table 1000mm X 850mm X 450mm With 12mm Thick Colour Etched Tempered Glass With Bevelled Drawing Made Out Of 18mm Thick Waterproofing Ply. The Outer Laces To Be Finished With High Quality 4 Mm Thik Veneer Or 1 Mm Thik Mica Etc. As directed by Engineer in charge.	1	No.
39	Providing & Arrangemnt of Mid Back, ECO CTS Mechanism , Fixed Armrest , Gaslift for Seat height adjustment, Standard 5-prong P/Nylon Base with Fabric Upholstery	18	Nos.
40	Pre-laminated with decorative lamination one side and other side balancing lamination exterior Grade-I MDF Board 12 mm thick confirming to IS:14587	30	Sq.M
41	Providing and fixing Electrical Work Including Switches, lights, Wirings, Pedestrial Fan, Power Switches and etc as approved by Engineer - in - charge. (as per Electrical Drawing)	As per Job	As per Job

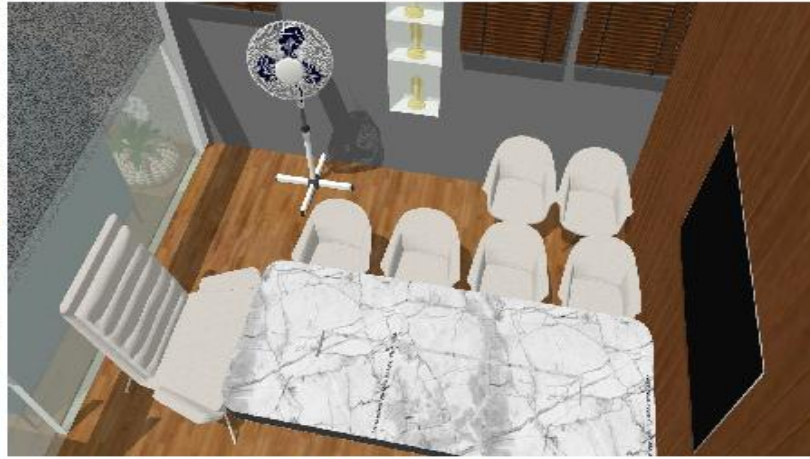
Sd/-  
(A. A. GOSWAMI)  
CHIEF ADMINISTRATIVE OFFICER  
ICAR-CICR, NAGPUR

DRAWING OF DIRECTOR'S CHAMBER

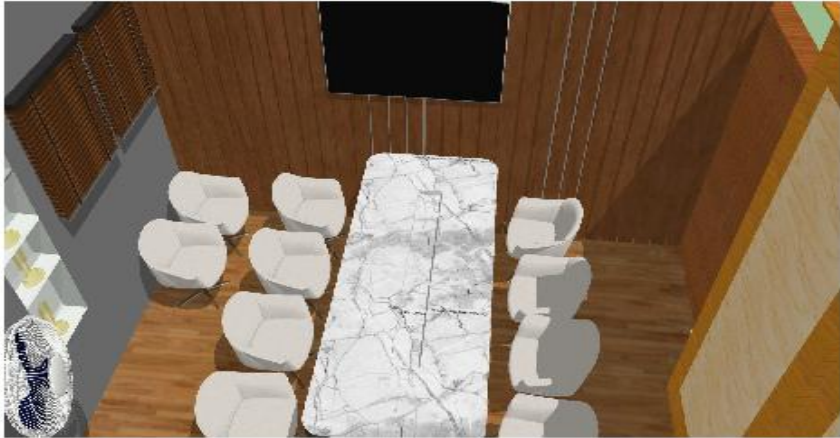




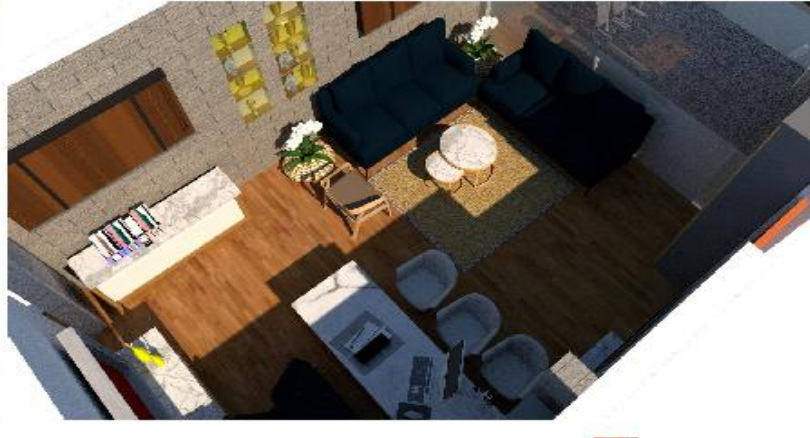
**Director's Cabin**



**Conference Room**



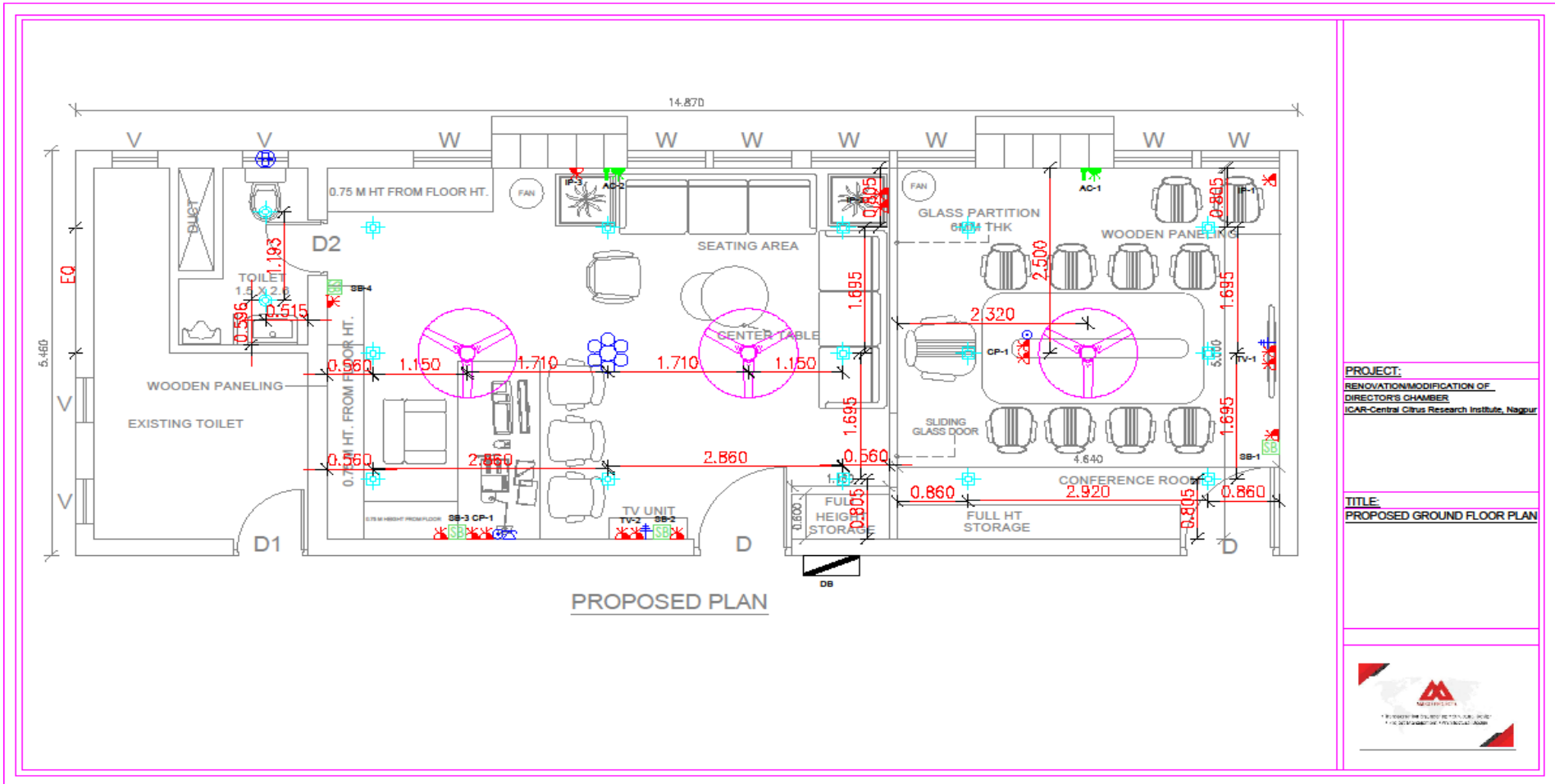
**Conference Room**



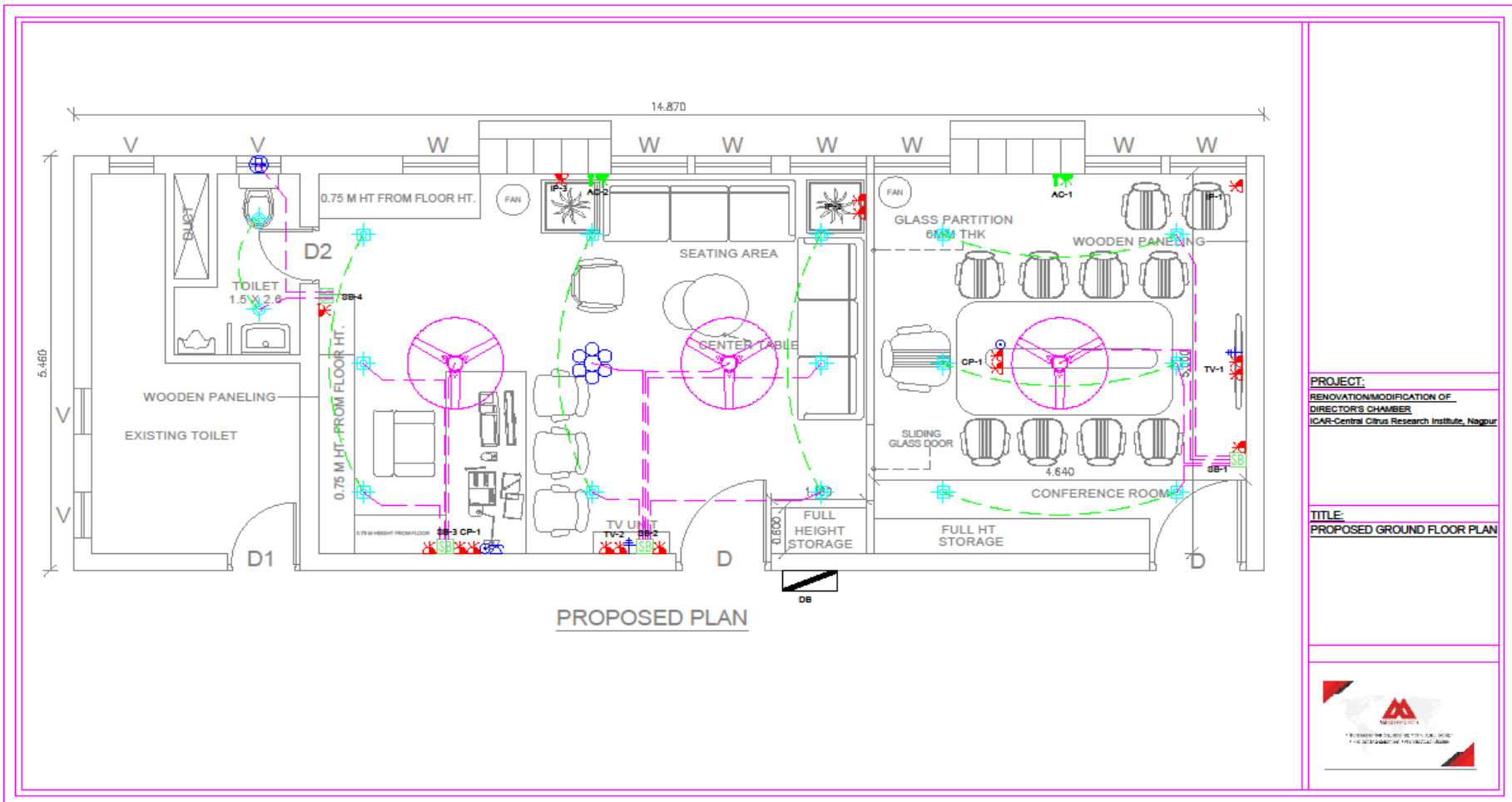
**Director's Cabin**



**ELECTRICAL DRAWING:**





















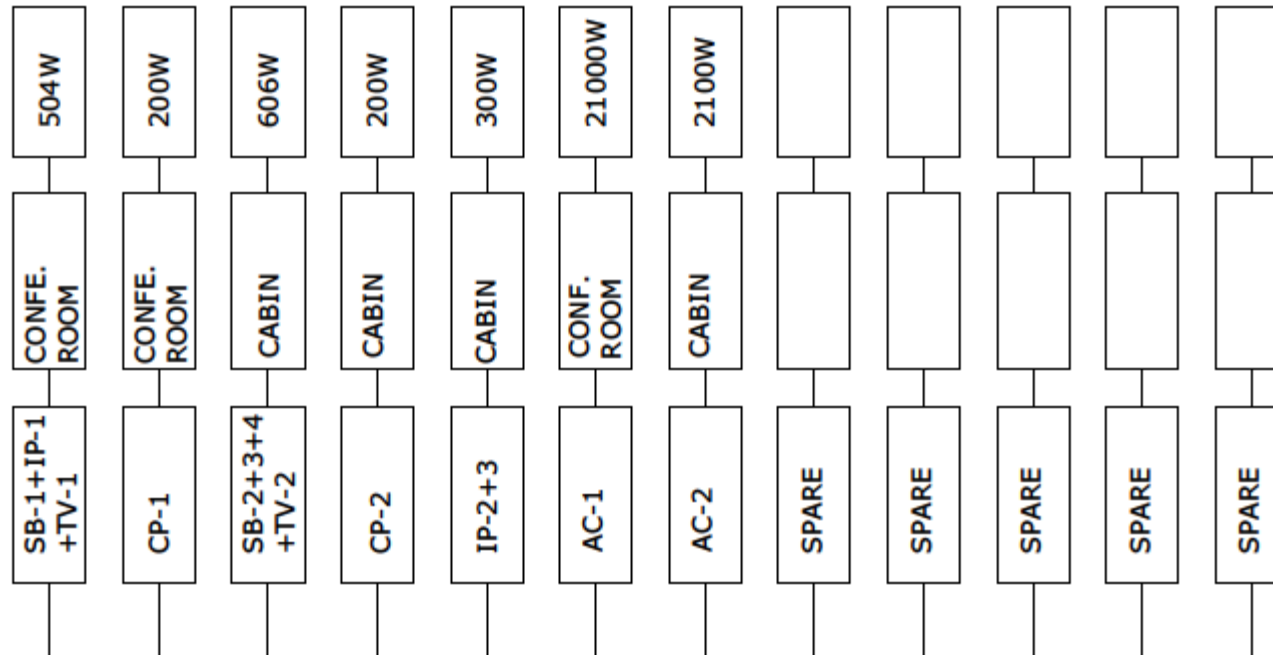
**PROJECT:**  
 RENOVATION/MODIFICATION OF  
 DIRECTOR'S CHAMBER  
 ICAR-Central Citrus Research Institute, Nagpur

**TITLE:**  
 PROPOSED GROUND FLOOR PLAN



LEGEND

S.NO	DESCRIPTION	SYMBOL
1.	CEILING LIGHT (24W / 7W)	
2	BRACKET LIGHT	
3	CEILING FAN 1200 MM	
4	EXHAUST FAN	
5	DATA OUTLET	
6	CALL BELL BUZZER	
7	6 AMP. OUTLET WITH SWITCH	
8	DISTRIBUTION BOARD	
9	TELEPHONE (RJ-45) OUTLET	
10	6 AMP. T.V. OUTLET	
11	CHANDELIER LIGHT	
12	20A AC SOCKET OUTLET WALL	
13	AC SWITCH	
14	LIGHT LOOP	



CKT WIRE (P+N+E)	2Rx2.5+ 1Rx1.5	2Rx1.5+ 1Rx1.5	2Rx2.5+ 1Rx1.5	2Rx2.5+ 1Rx1.5	2Rx1.5+ 1Rx1.5	2Rx4.0+ 1Rx2.5	2Rx4.0+ 1Rx2.5					
MCB RATING (A)	10	6	10	6	6	20	20					
MCB NO.	1	2	3	4	5	6	7	8	9	10	11	12
INCOMMER	40A, 2P RCBO 100MA											
INCOMMER CKT	3Cx6.0 Sq.mm. Cu Flex. Cable											
	12 WAY SPN MCB DB (DOUBLE DOOR)											

TOTAL LOAD = 6.01 KW