

NIT. No.20/ E-Tenders-Works/ICAR-CIRCOT/2023-24

<u>Name of work</u>: Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.

TENDER DOCUMENT

BID DOCUMENTS(PARTICIPATION THROUGH E-TENDER ONLY)

E-tendering site- www.eprocure.gov.in

Employer:

ICAR- CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY

(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

Adenwala Road, Matunga, Mumbai-400 019

Ph.022-24127273/76 Fax: 022-24130835, E-mail: director.circot@icar.gov.in

ICAR-CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY ADNEWALA ROAD, MATUNGA, MUMBAI-400 019.

INDEX

Name of work: - Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.

NIT No.:20/E-Tender/works/ICAR-CIRCOT/2023-24

Sr. No.	Description	Page No.
1	Front cover page	1
2	Index	2
3	Notice inviting Limited E-tenders.	3-4
4	Instruction to Bidders (ITB)	5
5	Online bid submission procedure	6
	SECTION-I	7-9
6	General Instruction to the Tenderer	
7	SECTION-II General Conditions of Contract	10-15
8	SECTION-III - E-Tenderschedule (Important dates and information)	16
9	List of approved make of materials	17-19
10	Tender Acceptance Letter (Annexure-I)	20
11	Instruction for Online Bid Submission (Annexure-II)	21-23
12	Technical Checklist (Annexure-III)	24-25
13	Performa of Agreement (Annexure-IV)	26
14	Financial bid (percentage BOQ) (Bill of quantities and schedule of work) (to be filled and uploaded in financial bid)-Schedule "A"	27-28



ICAR-CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY (INDIAN COUNCIL OF AGRICULTURAL RESEARCH), ADENWALA ROAD, MATUNGA, MUMBAI-400019.



TEL NO.: 2412 7273/76, 2418 4274/75, 2415 7238

Date: 18.10.2023

NOTICE INVITING E-TENDER No. 20/2023-24

The Director, ICAR-Central Institute for Research on cotton Technology, (Indian Council of Agricultural Research), Adenwala Road, Matunga, Mumbai., invites on line Percentage Rate based E-Tenders from approved and eligible contractors registered as contractor of class V minimum in Government organizations namely in CPWD or State PWD by e-tendering process for the following work:-

1.	NIT No.	NIT. No.20/ E-Tenders-Works/ICAR-CIRCOT/2023-24
2.	Name of Work	Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.
3.	Estimated cost put to tender	Rs. 3,39,346/-
4.	Tender fees (Rs.)	Rs. 500/-
5.	Earnest money deposit	Rs. 7000/-
6.	Bid publish date	18/10/2023
7.	Last Date & Time of submission of e-tender, and other documents as specified in the tender	Date: -31-10-2023 Time: 15.00 hrs.
8.	Time & Date of Technical bid opening of tender	Date: 02-11-2023 Time: 10:00 hrs.

- 1. The intending bidder must read the terms and conditions carefully. He should submit his bid if he considers himself eligible and he is in possession of all the documents required.
- 2. Information and instruction for bidders posted on website shall form part of bid document.
- 3. The bid document consisting of Plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.circot.res.in or www.eprocure.gov.in free of cost.

4. Only on-line bids through NIC's e-procurement Portal (CPPP) i.e on www.eprocure.gov.inshall be accepted.

Sujatha Koshy Senior Administrative Officer

INSTRUCTIONS TO BIDDERS (ITB)

General: All bidders must note that this being E-tender, bids received only through E-tendering portal www.eprocure.gov.in.shall be considered as an offer. **Any bid submitted in paper form will not be received and opened and shall be summarily rejected.**

Further, following instructions should be noted by bidders. Bid Document obtaining process:

Bidders who wish to view free Notification and tender documents can visit ICAR-CIRCOT's website www.circot.res.inOr Central Procurement Portalwww.eprocure.gov.in.

Interested bidders who wish to participate should visit website www.eprocure.gov.in. which is the ONLY website for bidding their offer. Further, the procedure is as follows:

Register yourself with Central government e-procurement portal for obtaining Login ID and Password. This is one time exercise and applicable for bidding other tenders also.

Obtain Class-III Digital Signature Certificate from any digital signature issuing authority.

Using the login ID, password and digital signature, enter the tender portal to view the tenderdocument.

The bidder can download the tender document from the website: www.eprocure.gov.in

The tender document shall be submitted in online mode through website www.eprocure.gov.in

Bidder must submit the offer before the online closing date & time. The website will automatically stop accepting the offer after online closing date and time.

Bidder can change quoted rates anytime before of closing date & time.

This tender being E-tender, the digital signature certificate obtained from approved Controller of Certificate Authorities (CCA) shall only be considered as authentic. The process of obtaining digital signature has been specified above.

Tenderer should submit the original Demand drafts for Tender fee and EMD amounts to the institute before last date & time of receiving e-tender and get the receipt for the same. In case. Tenderfee and EMD arenot received on or before the last date, the offer may be liable to be rejected. Tender fee and EMD amount shall be submitted only through offline modeby Demand draft.

ONLINE SUBISSION OFBIDS

Online Bid SubmissionProcedure

Tender fee &EMD: Bidders has to submit Tender fee &EMDoffline through Demand draft submitting to the Institute and get the receipt, scan the receipt and upload the same in the technical bid.

Submission of Technical Bid: (Technical bid cover No.1)

- A. Technical supporting documents as per Technical bid Checklist (Annexure-III) to be scanned in pdf format and uploaded on the website.
- B. Technical supporting documents including Original Demand drafts in physical form shall be submitted to ICAR-CIRCOT before due date and time and obtain the receipts/acknowledgement for the same.

Submission of Financial Bid:

Download the attached blank Financial Bid (Financial bid (percentage BOQ).xls), fill up the Blank space with Percentage rate stating above or below and save the details. Do not change the filename. Then upload the Financial Bid in the given link. Do not upload the scan copy of 'Financial Bid' such as pdf or jpg file in document libraryagain.

Bids sent by Telegram, Telex, Cable or Facsimile are not acceptable and will be rejected.

Modification and withdrawal ofbids:

The bidder may modify or withdraw his bid after submitting the same prior to the Deadline prescribed for submission of bids.

Bid cannot be modified subsequent to the deadline for submission ofbids.

No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity specified by the bidder in the bid form. Withdrawal of a bid during this interval may result in forfeiture of the Bidder's bid security.

SECTION-I

GENERAL INSTRUCTIONS TO THE TENDERER

1.1..0GENERAL

The work is to be executed for the benefit of ICAR-Central Institute for Research on cotton Technology, Adenwala Road, Matunga, Mumbai-400 019.

1.2..0SITE VISIT

The tenderer is advised in his own interest to visit/ examine the site of work before submission of his tender. He may obtain all relevant information that may be necessary for preparation of the bid.

1.3.0 TENDER DOCUMENT

- **1.3..1** The tenderer requiring further information or clarification on the tender document may contact the OfficerIn-Charge, Engineering Section, ICAR-Central Institute for Research on cotton Technology, up to the closing date, during office hours only.
- 1. 3..2The tenderer must fill their percentage rates in the financial bid form and upload. In Technical bid format please upload all the documents as per Technical check list (Annexure-III). Incompletetenders submittedwhich are not as per the instructions are liable to be rejected.
- **1.3..3**Tenderers may also download the tender documents from ICAR-CIRCOT's website www.circot.res.in or CPP Portal web site: www.eprocure.gov.in and upload &submit the e- tenders as per the instructions on www.eprocure.gov.in

1.4.0 MANNER OF SUBMISSION OF E-TENDER

1.4.1The two bid system containing 1) Technical Bid cover 1 which contain technical supporting documents as per the technical checklist (Annexure – III) required to qualify in the technical evaluation, the scanned documents (in pdf format) shall be uploaded on the website one by one during submission 2) Financial bid cover2 (BOQ.xls) (which contain BOQ & Schedule of work (in .xls format) shall be filled on the blank space with name of bidder with address and percentage of rate etc. and uploaded on the web site: www.eprocure.gov.in, without changing the file name.

1.4.2 Technical Bid Cover 1 (will be pened on the opening day)

Technical Bids cover 1 containing technical supporting document shall be opened first on opening day and bid without necessary of document may liable to be rejected during opening time or during technical evaluation.

1.4.3 Financial Bid Cover 2: (only bids of qualified bidders who is qualified in the Technical evaluation process will be opened on later date.)

Financial bid comprising of Microsoft excel file named "BOQ --.xls". Which containing the pages of bill of quantities and schedule of work showing the blank spaces on last below for filling Percentage rates and amounts. The same shall be uploaded for tender submission before last date and time. This should be kept confidential and not to be scanned and uploaded along with documents for technical bid.

1.5.0 SIGNING OF DOCUMENT

All pages of e-tender document including various annexure and Agreement shall be signed and stamped in the physical form by successful bidder on intimation.

160 EARNEST MONEY DEPOSIT (EMD)

1.61 The tenderer shall pay Earnest Money Deposit along with the tender the sum as indicated in the section-III, in offline form.(D.D. to be drawn in favour of Director, ICAR-CIRCOT, Mumbai.)

- **1.6.2** The Earnest money of the tenderer shall be forfeited to ICAR-CIRCOT without prejudice to any otherrights or Remedies.
 - a) If the tenderer withdraws his tender during the period of tender validity specified in the tender document.

- b) If, after acceptance of his tender, the tenderer fails to take up the job.
- c) If, the tenderer fails to sign the contract in accordance with the terms and conditions of the contract.
- d) If, after acceptance of his tender, the tenderer fails to furnish the Performance Guarantee.
- e) If, after acceptance of his tender, the tenderer fails to commence the work within seven days after receipt of work order to that effect.
- **1.6.3**The tenders received without the EMD in the prescribed form shall be rejected.

1.7.0PERIOD OF VALIDITY OF TENDER

The tender shall remain **valid for 90 days** after the date of opening.

1..8..0CARE TO BE TAKEN DURING SUNMISSION OF E-TENDER

1..8..1The e- tender duly filled in all respects must be submitted on www.eprocure.gov.in not later than stipulated time and date as mentioned in Section -III.

1.9.0 OMMISSION AND DECREPANCIES

Should a tenderer find discrepancies in, or omissions from the drawings or any of the tender documents or should be in doubt as to their meaning, he should at once notify the authority inviting the tenders. Who may send a written instruction to all the tenderers. It shall be understood that every endeavor has been made to avoid any error which can materially affect the basis of the tender and the successful tenderer shall take upon himself and provide for the risk of any error which may subsequently be discovered and shall make no subsequent claim on account.

1.10.0 OPENING OF THE TENDER

At the intimated time and date the E-tenders received shall be opened. First the technical bids will be opened in the presence of the intended tenderers and put to evaluation of verification of the eligibility of the bidders and financial bids of only technically qualified bids found during the evaluation of Technical bids will be opened at the later date, which will be intimated to technically qualified bidders. If the opening date is declared a holiday the tenders will be opened on the next working day of the same time.

1.11.0 CANVASSING

Any effort by the tenderer to influence the representatives of ICAR-CIRCOT in making the decision in respect of tender evaluation or award of contract will result in rejection of the e-tender.

1.12.0 RIGHT OF ICAR-CIRCOT TO DEAL WITHTENDERS

The Director, ICAR-CIRCOT, Mumbai, reserves the right to accept or reject any e-tender or all the e-tenders at any time prior to award of contract without assigning any reasons whatsoever and no correspondence shall be entertained in this regard.

1.13.0 MISLEADING INFORMATION

If the tenderer/tenderers deliberately gives/give any wrong information or suppresses/any material facts or makes/make false representations in this tender or creates/create circumstances for the acceptance of his/their tender, ICAR-CIRCOT reserves the right to reject such tender at any stage or cancel the order even after acceptance of the tender at the risk and cost of the tenderer/ tenderers.

1.14.0 AWARD OF WORK

ICAR-CIRCOT will notify the successful tenderer in writing by a registered letter to confirm that his tender has been accepted.

1.15.0 SIGNING OF CONTRACT

The successful tenderer has to sign the agreement on non-judicial stamp paper of value Rs.100/- within 15 days from the receipt of offer of contract. The tenderer has to arrange the stamp paper at his cost.

1.16.0PERFORMANCE GUARANTEE

- **1.16.1** The successful tenderer has to pay 10% of the tendered amount as Performance Guarantee in the form of Demand Draft payable to "The Director, ICAR-CIRCOT, Mumbai" before commencing the work.
- **1.16.2** Performance Guarantee shall be treated as Security deposit after completion of work and shall be refunded after 360 days from the date of successful completion of the job.

1.17.0 COMPLETION OF WORK AND PENALTY FOR DELAY IN COMPLETION.

- 1.17.1 All the work items as per the enclosed shall be completed positively within 40 days from the date of agreement.
- 1.17.2 Any willful delay on the part of the contractor in completing the construction within the stipulated period will render him liable to pay liquidated damages @ 1.5% of the tendered amount per month of delay to be computed on per day basis will be charged and deducted from payments due to him. The ICAR-CIRCOT may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 2% of the contract amount. (Note: The amount of liquidated damages per day should be determined at 0.05% of the contract value of the works).

1.18.0 OTHERINFORMATION

- **1.18.1**Non-compliance with any of the conditions set forth here above is liable to result in the tender being rejected.
- **1.18.2**The tendered works are not to be subletting to other contractor which will leads to cancellation of contract.

SECTION-II

GENERAL CONDITIONS OF CONTRACT

CLAUSE 1: EXECUTION OF CONTRACT DOCUMENT

- 1.1 The tenderer whose tender is accepted shall be required to appear at the ICAR-CIRCOToffice in person to execute the contract documents after receipt of work order.
- 1.2 Every contract shall be completed in respect of the documents it shall constitute.
- 1.3 The tenderer shall quote his percentage rates complying with the instructions contained in the tenderdocuments. The items quantities shown in the tender schedule are given as a guide and are approximate only andare subject to variation according to the needs of ICAR-CIRCOT. The ICAR-CIRCOT does not also guaranteework under each item of the schedule. No correspondence shall be entertained in this regard. The Quoted Percentage rates should be inclusive of all cost of materials, labor charges, carriages, all taxes whatsoever, storage, watch and ward, wastages etc. The quoted rates shall not be increased under any circumstances.
- 1.4The tenderer shall keep the offer open for a minimum period of **90 days** from the date of opening of tenderer the period extended further by mutual consent from time to time.
 - 1.5 Works are required to be completed strictly within the time and date stipulated in the tender document.
 - 1.6The tenderer shall not take the advantage of any misinterpretation of the conditions due to typing or any othererror/errors and if any doubt, shall bring such error/errors to the notice of ICAR-CIRCOT without delay.

CLAUSE 2: COMMENCEMENT OF WORK

The contractor shall commence the works on site as per the date mentioned in work order. Thereafter the contractor shall proceed with the works with due expedition to complete the works within the stipulated time period.

CLAUSE 3: TENDERED RATES

- 3.1 The tendered rates shall be inclusive of all taxes and cases, and also inclusive of tax levied in respect ofwork contract under provision of GST.
- 32 The rates quoted by the contractor must be inclusive of GST. No extra payment on this account will bemade to contractor. The quoted rates must be valid for 90 daysfrom the date of opening of tender.
- 33 The contractor must visit the site and study the working conditions, site conditions, and the quantum of workinvolved before quoting the rates for lump sum items. No claim of the contractor shall be entertained in under estimation of Lump sum items.
- 34 The quantities of work items may increase or decrease at the time of executive of work and percentage quoted by the tenderer will be same for all quantities.

CLAUSE 4: EARNEST MONEY DEPOSIT

- 4.1 Earnest Money deposit Original Demand draft shall be submitted to Institute before due date and obtain the receipt for the same and scanned copy of receipt may be uploaded in the e-tender, the tenderer who do not deposit the EMD in the form shall summarily rejected. The tenderer who deposit EMD less than the prescribed amount shall be rejected.
- 42 The Earnest money deposit Demand drafts of the Unsuccessful tenderers will be returned to the bidders on deciding about acceptance or other wise of the tender, or Expiry of the period of tender validity, whichever is earlier (minimum 10-15 days and maximum up to the completion of tender validity period).
- 43 The Earnest money of the tenderer shall be forfeited to ICAR-CIRCOT without prejudice to any other rights or Remedies.
- (a) If the tenderer withdraws his tender during the period of tender validity specified in the tenderdocument.

- (b) If, after acceptance of his tender, the tenderer fails to take up the job.
- (c) If, the successful tenderer fails to sign the contract in accordance with the terms and conditions of the contract.
- (d) If, after acceptance of his tender, the successful tenderer fails to furnish the required amount of performance Guarantee.
- (e) If, after acceptance of his tender, the successful tenderer fails to commence the work within seven days from the date of receipt of work order to that effect.

CLAUSE 5: PERFORMANCE GUARANTEE (PG)/SECURITY DEPOSIT (SD)

- 5..1 The successful tenderer has to deposit an amount equal to 10% of the tendered value, in the form of crossed Demand Draft drawn in favor of "The Director, ICAR-CIRCOT, Mumbai", towards performance guarantee after receiving the work order.
- 5. 2 Commencement of work shall be permitted only after the receipt of performance guarantee. The Performance Guarantee will be treated as Security Deposit after completion of work
- 5.3 If the successful tenderer fails to deposit the performance guarantee within 15 days from the date of receipt of work order, it will be presumed, that, the contractor is not interested in the contract and the offer of contract shall be cancelled and the EMD of the contractor will be forfeited.
- 5.4 If any time before the Performance Guarantee /security deposit or any part thereof is refunded to the contractor, it shall appear to Engineer-In-charge or his subordinate in charge of the work, that any work has been executed with unsound, imperfect or unskillful workmanship or with materials of inferior quality, or that any materials or articles provided by him for the execution of the work are unsound, or of quality inferior to that contracted for, or are otherwise not in accordance with the contract it shall be lawful for the Engineer-in-charge to intimate this fact in writing to the contractor and then notwithstanding the fact that the work, materials or articles complained of may have been inadvertently passed, certified and paid for, the contractor shall be bound forthwith to rectify, or remove and reconstruct the work so specified in whole or in part, as the case may require. or if so required, shall remove the materials or articles so specified and provided & other proper and suitable materials or articles at his own charge and cost, and in the event of his failing to do so within a period to be specified by the Engineer-in-charge in the written intimation aforesaid, the contractor shall be liable to pay compensation at the rate of one percent on the amount of the estimate for every day not exceeding ten days during which the failure so continues and in the case of any such failure the Engineer-in-charge may rectify or and remove, re-execute the work or remove and replace the materials or articles complained of as the case may be at the risk and expense in all respects of the contractor. Should the Engineer-in-charge consider that any such inferior work or materials as described above may be accepted or made use of it shall be within his discretion to accept the same at such reduced rates as he may fix therefore.
- 5. 6 The Performance Guarantee /Security Deposit shall be released after 360 days from the date of successful completion of the job.
- 5.7 If the contractor fails to rectify the defects even after the receiving written instructions from ICAR-CIRCOT, such works shall be done departmentally, and the expenditure shall be deducted from the security deposit of the contractor.

CLAUSE 6: LABOUR ACT

- 6.1 No contractor shall employ any person who is under the age of 18 years. Engineer In charge is authorized toremove from work any person who is below 18 years.
- 6...2 The contractor shall pay fair and reasonable wages to the workmen employed by him, in the event any disputearising between the contractor and his workmen on the ground that the wages paid are not fair and reasonable, the dispute shall be referred without any delay to the Director, ICAR-CIRCOT, Mumbai. The decision of the Director, ICAR-CIRCOT, shall be conclusive and binding on the contractor.

- All facilities provided in the contract labour act should be provided (Regulation and Abolition Act 1971).
- The contractor shall pay fair and reasonable wages as per the minimum wages act (Govt. of India/ Govt. of Maharashtra, whichever is highest) prevailing in the locality.
- 6...5 The contractor shall duly comply all provisions of contract labour act(Regulation and Abolition) 1979 andMaharashtra contract labour (Regulation and Abolition) rules 1971, as amended from time to time and all other relevant status and statutory provision concerning payment of wages particular to the workmen employed on the site.

CLAUSE 7: SAFETY OF THE WORKERS

- 7.1 The contractor shall be responsible for and shall pay any compensation to his workmen under the Workmen's compensation act 1923 (VIII of 1923) (hereafter call the said act) for injuries caused to the workmen.
- 7.2 The contractor shall be responsible for and shall pay the expenses or providing any medical aid to any Workman who may suffer bodily injury as a result of an accident.
- 7.3 The contractor shall provide all necessary personal safety equipment and first aid apparatus available for theuse of workers employed on the site and shall maintain the same in condition suitable for immediate use at any time and shall comply with following regulations in connection therewith
 - The workers shall be required to use the equipment so provided by the contractor and the contractor shall take adequate steps to ensure proper use of the equipment by those concerned.
 - (a) When work is carried on in proximity to any place where there is risk or drawing all necessary equipment shall be provided and kept ready for use and all necessary steps shall be taken for prompt rescue of any person in danger
 - (b) Adequate provisions shall be made for first aid treatment of all injuries likely to be sustained during thecourse of work

CLAUSE 8: MODE OF PAYMENT

- 8.1 The payment of R.A/Final bills will be made as per the certificate of Engineer in charge of the work for releasing the bills against the work items completed and measured by him. The contractor should submit his bills as per the directions of the Engineer in charge and same will be paid within a month if it is in order. i.e.
 - 1) 1 st R.A. Bill admissible only after completion of 50% of the work order amount, for which 25% of the tender amount will be released against the R.A. bill above.
 - 2) IInd R.A. Bill admissible only after completion of 75% of the work order amount, for which 50% of the tender amount will be released against the R.A. bill above.
 - 3) IIIrd R.A. Bill admissible only after completion of 90% of the work order amount, for which 80% of the tender amount will be released against the R.A. bill above.
 - 4) IVth & Final Bill admissible only after 100% completion of work accompanied by completion Certificate from Engineers In-Charge, for which remaining 20% balance amount will be released.
- On Final completion of the work the contractor shall be furnished with a certificate by the Engineer-Incharge(Works) of such satisfactory completion. But no such certificate shall be given nor shall the works be considered to be complete until the contractor shall have removed all the rubbish, surplus material, all scaffolding, etc. from the premises. The bill forwarded by the contractor shall be considered for payment only after obtaining the certificate as described above.
- 83 All payments for the work will be made through E transfer only. The contractors shall provide correct Bank details along with bill itself.
- 84Regarding all payments, inquiry shall be made only to the Engineer-Incharge of the work.

CLAUSE 9: TECHNICAL SPECIFICATIONS

- 21 .1The contractor shall execute the whole and every part of the work in the most substantial and workmanlikemanner, and both as regards material and every other respect in strict accordance with specifications as mentioned in the tender document against each job.
- 92 Every effort has been made to give detailed specifications for each and every item in the schedule; however, wherever specifications mentioned by ICAR-CIRCOT are not sufficient, the works should be carried out as per CPWD technical specification and works manual with latest correction slip.
- Marks In general, all the works should be carried out conforming to ISI test standards and specifications. All thematerials used in construction shall confirm to the requirement of latest IS specifications
- The Engineer-In charge shall have power to make any alterations in or additions to the original specifications, drawings, designs, and instructions that may appear to him to be necessary or advisable during the progress of the work and the contractor shall be bound to carry out the work in accordance with any instructions in this connection which may be given to him in writing signed by the Engineer-Incharge and such alteration shall not invalidate the contract. Payment of such additional works which are not included in the quantities and rates of original tender schedule shall be made on the basis of CPWD Delhi schedule(2021) rates and procedures. Where, however, the work is to be executed according to the designs, drawing and Specifications recommended by the contractor and accepted by the competent authority of ICAR-CIRCOT, the alterations above referred to shall be within the scope of such designs, drawings and specifications appended to the tender.
- The successful contractor shall make his own arrangement to obtain all materials required for the work like cement, sand, water, electricity, etc.
- Samples of all vital materials like Granite, Plywood, Tiles, Locking systems, Glass, Bricks, Taps, etc, are tobe approved by the Engineer-in-charge(Works), ICAR-CIRCOT, Mumbai. The tenderer has to bear the cost of samples.
- In all cement involved works 53 grade cement to be used.
- 98 Wall paint **ASIAN PAINTS APEX** to be used.

.CLAUSE 10: UNSATISFACTORY AND DEFECTIVE WORKS

- 10.1 Defective work is liable to be rejected at any stage. The contractor on no account can refuse to rectify the defects merely on reasons that the further work has been carried out. No extra payment shall be made for rectification.
- 10.2 If the progress of any particular portion of the work is unsatisfactory, the engineer In-charge shallNotwithstanding that the general progress of the work, be entitled to take action after giving the contractor 10 day notice in writing. The contractor will have no claim for compensation, for any loss sustained by him owing to such action

CLAUSE 11: INCOMETAX DEDUCTION

11....1.. **TDS** (Tax Deducted at Source) will be as per prevailing rules and regulations of Income Tax Department.

CLAUSE 12: ELECTRICITY AND WATER

1.2.1 The contractor has to make his own arrangements for water and electricity. Use of BMC water from any source in the campus is strictly prohibited.

CLAUSE 13: DAMAGES TO GOVT.PROPERTY

- 13.1 Compensation for all damages done intentionally or unintentionally by contractor's labor whether in orbeyond the limits of Govt. property including any damage caused by spreading of fire, shall be estimated by the Engineer in-charge subject to the decision of the Director, ICAR-CIRCOT, on appeal shall be final and the contractor shall bound to pay the amount of the assessed compensation on demand, failing which, the samewill be recovered from the bill of the contractor.
- The contractor shall be responsible for making good the damages done to the existing property or work during construction by his men

CLAUSE 14: SUPERVISION AND INSPECTION OF WORKS AND QUALITY CONTROL

(a) SUPERVISION

The contractor shall either himself supervise the execution of the works or shall appoint the competent engineer approved by the Engineer-in-charge, to act on his behalf. If in the opinion of the Engineer-in-charge, the contractor has himself no sufficient knowledge and experience of receiving instructions or cannot give his full attention to the works, the contractor shall at his own expenses, employ as his accredited agent a qualified Engineerapproved by the Engineer-in-charge. If the contractor fails to appoint a suitable agent, the engineer –Incharge will suspend the works until a suitable agent is appointed and the contractor shall be responsible for the delay so caused to the works and the contractor shall not be entitled for any compensation on this behalf

(a) INSPECTION

The contractor shall inform the Engineer-in-charge in writing when any portion of the work is ready for inspection giving him sufficient notice to enable him to inspect the same without affecting the further progress of the work. The work shall not be considered to have been completed in accordance with the terms of contract until the Engineer-in-charge shall have certified in writing to that effect. Approval of materials of workmanship of approval of part of the work during the progress of execution shall not bind the Engineer-inchargeor in any way affect him even to reject the work which is alleged to be completed and suspend the issue of hiscertificate of completion until such alternations and modifications or reconstruction's have been effected at the cost of the contractor as shall enable him to certify that the work has been completed to his satisfactions. The contractor shall provide at his cost necessary ladders and such arrangements as to provide necessary facilities and assistance for proper inspection of all parts of the work at his own cost.

CLAUSE 15: MODE OF MEASURMENT

- (a) All measurements will be recorded in MKS / SI units, with an accuracy up to plus or minus one centimeter. CPWD method of measurement shall be adopted for taking measurements.
- (b) Measurement of each and every item will be recorded on the day of its actual execution. The measurements shall be recorded in the presence of the contractor or his authorized agent. The measurements recorded by the site engineer shall be final and binding on the contractor in case they remain absent during the measurement. No correspondence shall be entertained in this regard.
- (c) Measurements area of granite, tiles, marble, Aluminum sections, etc shall be taken on clear cut exposed areas only.
- In addition to above, the normal CPWD mode of measurement will be adopted wherever ICAR-CIRCOT, terms and conditions on this account are not sufficient.
- Where for proper measurements of the work, it is necessary to have an initial set of levels or other measurements taken, the same recorded as in the authorized field book, measurement book of Government by the Engineer-in-charge or his authorized representative will be signed by the contractor who will be entitled to have a true copy of the same made at his cost. Any failure in the part of the contractor to get such levels etc. recorded before starting the work will render him liable to accept the decision of the Engineer-in-charge as tothe basis of taking measurements. Likewise the contractor will not cover any work which will render its subsequent measurement difficult or impossible without first getting the same jointly measured by him and authorized representative of the Engineer Incharge. The record of such measurements on the Government side will be signed by the Contractor and he will be entitled to have a true copy of the same at his cost.

CLAUSE 16: SAMPLES AND TESTING OF MATERIALS

- All materials to be used on the work shall be got approved from the Engineer in Charge and shall pass the test or analysis required by him which will be;
 - (a) As specified in the specification for the items.

- (b) B.I.S, specifications for the items.
- (c) Such recognized specifications acceptable to Engineer-in-charge as equivalent thereto or in absence of such authorized specification. Such requirement test and/or analysis as may be specified by the Engineer-in-charge in order of precedence given above.

The contractor shall at his risk and cost make all arrangements /or shall provide for all such facilities as the Engineer-in-charge may require for collecting, preparing required number of samples for tests or analysis at such time and to such places as may be directed by Engineer and bear all such charges. Such samples shall also be deposited with the Engineer-in-charge

The contractor shall, if and when required, submitath is cost the samples of the materials to be

tested or analyzed and if so directed, shall not make use of incorporate in the works any material to be represented by the samples until the required testor analysis have been made and the materials finally accepted by the Engineer-in-charge.

The contractors hall not be eligible for any claim or compensation either arising out of any delay in

the work or due to any corrective measure required to be taken on account of and as a result of testing of thematerials.

In case of materials procured by the contractor, testing as required by the codes and specifications shall be arranged by him at his own cost. Testing shall be done in the presence of authorized representative of the Engineer-in-charge at the nearest approved laboratory. In addition testing other than as required by specification is ordered the testing charges, shall be done the Department, if she the last results are satisfactory and by the contractor if the same are not satisfactory

CLAUSE 17: CLAIMS

- 17.1 No extra work shall be done without the written permission of Engineer In charge. No claim of extra workshall be paid separately.
- 17.2 Claims for any extra work shall be registered within 30 days of occurrence of the event along with final bill. No separate bill shall ever be made for any additional or extra works done. ICAR-CIRCOT shall not be responsible if the contractor executes any extra work without written order

CLAUSE 18: HANDING OVER OF WORK:

18.1 All the works and materials before final taken over by Government, will be the entire liability of the Contractor for guarding, maintaining and making good any damages of any magnitude, interim payments made for such work will not alter this position. The handling over the contractor and taking over by the Executive Engineer or his authorized representative will be always in writing of which copies will go to Executive Engineer or his authorized representative and the contractor, it is however understood that before taking over such work Govt, will not put into regular use of distinct from casual or incidental one, except as specifically mentioned elsewhere in this contract or as mutually agreed to.

CLAUSE 19: OTHER CONDITIONS

- 19.1 No workshall be done on Sunday and other holidays without the prior permission in writing of the Engineer Incharge.
 - 19.2 Anycontractorwhodoesnotaccepttheseconditionsshallnotbeallowedtotenderforworks.
 - 19..3Thecontractorshallnotsubletorassignhiscontracttoothers.
- Except where otherwise specified in the contract the decision of the Director, ICAR-CIRCOT, Mumbai, shall be final and binding on all parties of the contract upon all questions relating to the meaning of the specifications, designs, drawings, etc, or as to any other question, claim, right, matter, or thing whatsoever, in any way arising out of, or relating to the contract, design, drawing, specifications, etc, or otherwise concerning the works, or the execution, or failure to execute the same, whether arising, during the progress of the work, or after the completion, or abandonment thereof.
 - 195 If the contractor stops the work in between due to his personal reasons, financial grounds, etc, for more than ten days after the commencement of works, the competent authority of ICAR-CIRCOT shall issue a notice to the contractor to this effect. The contractor has to execute the works within seven days from the date of receipt of the notice, failing which the contract will be terminated, and incomplete works will be executed by some other party at the risk and cost of the contractor. The decision of the Director, ICAR-CIRCOT Mumbai, will be final in this regard without prejudice to any other rights or remedies what so ever.

ICAR-CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY ADNEWALA ROAD, MATUNGA, MUMBAI-400 019.

SECTION-III

E-TENDER SCHEDULE

IMPORTANT DATES AND INFORMATION

S.No.	Details of Schedule	Date & Time/ Information
1	Name of Work:	Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.
2	Estimated Cost:	Rs. 3,39,346/-
3	NIT NO.	NIT. No.20/ E-Tenders-Works/ICAR-CIRCOT/2023-24
4	Web site for Uploading of e- tenders for this work	www.eprocure.gov.in only.
5	Date and web sites for start of Downloading of E-tender document	Please refer Tender details published for the work on following site. www.circot.res.in or www.eprocure.gov.in
6	Last date and time for Downloading of E-tender document	Up to 11.00 hrs on 31st Oct, 2023
7	Last date of Receipt of Online tenders	Up to 15.00 hrs on 31st Oct, 2023
8	Opening of tenders (Technical bids only)	At 10:00 hrs on 02 nd Nov, 2023
9	Opening of Tenders (Financial bids)	Date and time of financial bid opening can be intimated later after the technical evaluation of technically admitted bids
10	Validity of tender and time for completion of work	90 days from the date of opening of tender, 30 days from commencement date.
11	Earnest money deposit amount	Rs. 7,000/- through Demand draft to be submitted to Institute before due date.
12	Tender fee amount	Rs.500/- through Demand draft to be submittedto Institute before due date.
13	Intimation of Corrigendum, if any	Will be notified on websites only.

LIST OF APPROVED MAKE OF MATERIALS

(FOR CIVIL WORKS)

Specification/brands names of materials (Refer materials, whichever are applicable for the scope of work) and finishes approved by the Engineer-in-Charge are listed below. However approved equivalent materials and finishes of any other specialized firms may be used, in case it is established that the brandsspecified below are not available in the market and subject to approval of the alternate brand by the Engineer-in-Charge.

SI.	Materials	Approved make
No	Daly Culphide Coolant	Didilita Tuffagal Chakaay Chamicala
1	Poly-SulphideSealent	Pidilite, Tuffseal, Choksey, Chemicals
2	Damp Proof Material	Impermo, Duraseal, Acco-Proof
3	Structural Steel, Sections	Tata, Sail, RINL
4	Admixture	Forsroc, MC
5	White Cement	J.K. White, Birla White
6	Water Proofing Compound	Tap Crete, CICO, Accoproof, Impermo
7	Bitumen Indian Oil	Indian Oil,,Hindustan Petroleum
8	Injection Grouting	Pidilite (Dr Fixit)
9	Nonmetalic Surface Hardner	MC Deritop F.H
10	Locks/Latch	Godrej, Harrison, Plaza, Golden, Yale
11	Laminates	Formica, Decolam, Merino
12	Wire Mesh	Sterling Enterprises, Trimurty Welded Mesh
13	Prelaminated Particle Board	Action TESA, Nepal Boards
14	Adhesive	Pidilite, Dunlop, Vamorganic
15	Epoxy Mortar	Fosroc, Sika , BASF
16	Dash Fastners	Hilti, Ficher, Canon
17	Flush Door Shutters (Decorative/	Kitlam, National, Swastic, Corbett
	Non Decorative	
18	Board & Plywood	DURO, KITPLY, CENTURY
19	Hydraulic Door	Hardwyn, Godrej
	Closer/Floor Spring	
20	Wooden Door Fittings of Brushed	B & R Dorma
	Steel	
21	S.S. Staircase Railing	Jindal Stainless Steel Ltd. , Hardwyn
22	Fire Check Door	Romat, Kutty Door
23	Fire Check Accessories Calcium	Fromtect
	Silicon Board	
24	Smoke Seal Strip Imported	Imported Promat/Astro Flame
25	Door Closer Lock	Ingerboll Rand/Dorma, Hardwyn, Everest
26	Panic Exit Device	Ingerrsoll, Hardwyn, Everest
27	Andodised Aluminium Hardware	Hardima, Everite, Sigma (ISI Marked)
	(HeavyDuty)	
28	Tempered Glass	Modi Float & Saint Gobain, ASAHI, Glaverbel
29	Polyster Powder Coating Shades	Nerolac, Berger, J & N
30	Aluminium Sections	Jindal, Hindaloc, Indalco

Nuts, Bolts and Screws, Steel	31	Friction Stay Hinges	Earl-Bihari
Seph Gasket	32		Kundan, Priya, Atul
Section	33		
Adhesive Tape	34	Structural Silicone	Dow Corning/Wacker
Terrazzo Tiles (Precast)/Plain/ Chequerred	35	Weather Silicone	Dow Corning/Wacker
Chequerred Glazed Ceramic Tiles Glazed Ceramic Tiles Glazed Ceramic Tiles JOHNSON, SOMANY, KAJARIA, BELL CERAMICS,NITCO, ORIENT, ASIAN 39 Cement Concrete Tiles/Hardonite Tiles GRANITO, NAVIN DIAMOND, KAJARIA, JOHNSON,MARBONITE), ORIENT, ASIAN 40 Vitrified Tiles GRANITO, NAVIN DIAMOND, KAJARIA, JOHNSON,MARBONITE), ORIENT, ASIAN 41 Tile Adhesive70. GICO, PIDLITE FERROUS C.C. Pavers NITCO-(ROCKARD), TUFTEK, K.K, ESS&ESS, MODERN Acrylic Exterior Paint SNOWCEM(Trump), ASIAN(Apex), ICI(Weather shield), NEROLAC(surksha plus), BERGER(weathercoat), SHALIMAR (XTRA) 44 Acrylic Exterior Paint SNOWCEM(Trump), ASIAN(Apex), ICI(Weather shield), NEROLAC(surksha plus), BERGER(weathercoat), SHALIMAR (XTRA) 45 Grass Paver Unistone, Ultra, Shree, Supertile, Modern 46 Water-Proof Cement Paint Sowcem, Kilicknixon, Durocem, Berger, ICI India Ltd.,Shalimar 47 Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite),ICI India Ltd.(Dulux Gloss), Shalimar (Superlac) Berger(Rangoli), Nerolac, ICI India Ltd.(Dulux), Asian (Premium) Parryware, Hindware, CERA Parry, Sunfire Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 50 Fireclay Sinks & Drain Boards Parry, Sunfire Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Rif, Neco 54 LA (CI) Pipes Tata, Jindal – Hissar Unik, ICS, Neo 55 G.I. Pipes Tata, Jindal – Hissar Unik, ICS, Neo 66 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 67 Gummetal Valves Leader, Sant, Zoloto Eacher, Sant, Zoloto Ea	36	Adhesive Tape	Norton
Glazed Ceramic Tiles	37		NITCO, HINDUSTAN, MODERN
ORIENT, ASIAN ORIENT, ASIAN Cement Concrete Tiles/Hardonite Tiles ORANITO, NTC, HINDUSTAN GRANITO, NAVIN DIAMOND, KAJARIA, JOHNSON(MARBONITE), ORIENT, ASIAN CICO, PIDLITE FERROUS CICO, PICO, PILLITE CICO, PICO, PILLITE CICO, PICO,	38		IOHNISON SOMANY KATADIA BELL CEDAMICS NITCO
Tiles Vitrified Tiles Vitrifie	30	Glazed Gerannic Thes	
JOHNSON(MARBONITE), ORIENT, ASIAN		Tiles	
Clay Tiles on Roof KENZAI, JOHNSION	40	Vitrified Tiles	
Acrylic Exterior Paint Acrylic Exterior Paint SNOWCEM(Trump), ASIAN(Apex), ICI(Weather shield), NEROLAC(surksha plus), BERGER(weathercoat), SHALIMAR (XTRA) 45 Grass Paver 46 Water-Proof Cement Paint Tolerand Speech (Sillicknixon, Durocem, Berger, ICI India Ltd., Shalimar 47 Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite), ICI India Ltd., (Ulux Gloss), Shalimar (Superlac) 48 Plastic Emulsion Paint Berger(Rangoli), Nerolac, ICI India Ltd., (Dulux), Asian (Premium) 49 Vitreous China Sanitaryware 50 Fireclay Sinks & Drain Boards 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes G.I. Pipes Tata, Jindal – Hissar Unik, ICS, Neo 15 Gunmetal Valves Leader, Sant, Zoloto 56 G.I. Pipes (Malleable Cast Iron) 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Non Return Valves Kirloskar, IVS, Burn	41	Tile Adhesive70.	CICO, PIDLITE FERROUS
MODERN SNOWCEM(Trump), ASIAN(Apex), ICI(Weather shield), NEROLAC(surksha plus), BERGER(weathercoat), SHALIMAR (XTRA) 45 Grass Paver Unistone, Ultra, Shree, Supertile, Modern 46 Water-Proof Cement Paint Snowcem, Kilicknixon, Durocem, Berger, ICI India Ltd., Shalimar 47 Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite), ICI India Ltd. (Dulux Gloss), Shalimar (Superlac) 48 Plastic Emulsion Paint Berger(Rangoli), Nerolac, ICI India Ltd. (Dulux), Asian (Premium) 49 Vitreous China Sanitaryware Parryware, Hindware, CERA 50 Fireclay Sinks & Drain Boards Parry, Sunfire 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	42	Clay Tiles on Roof	KENZAI, JOHNSION
Acrylic Exterior Paint SNOWCEM(Trump), ASIAN(Apex), ICI(Weather shield), NEROLAC(surksha plus), BERGER(weathercoat), SHALIMAR (XTRA) Grass Paver Unistone, Ultra, Shree, Supertile, Modern Snowcem, Kilicknixon, Durocem, Berger, ICI India Ltd.,Shalimar Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite),ICI India Ltd.(Dulux Gloss), Shalimar (Superlac) Berger(Rangoli), Nerolac, ICI India Ltd.(Dulux), Asian (Premium) Vitreous China Sanitaryware Parryware, Hindware, CERA Fireclay Sinks & Drain Boards Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky C.P. Brass Fittings Prima, Marc, Kingston Neco, RIF Fittings Centrifugal Cast Iron AL (CI) Pipes Tata, Jindal – Hissar G.I. Fittings (Malleable Cast Iron) Tata, Jindal – Hissar G.I. Fittings (Malleable Cast Iron) Tata, Jindal – Hissar G.I. Fittings (Malleable Cast Iron) Kesoram, Electro Steel C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn Kirloskar	43	C.C. Pavers	
46 Water-Proof Cement Paint Snowcem, Kilicknixon, Durocem, Berger, ICI India Ltd., Shalimar 47 Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite), ICI India Ltd. (Dulux Gloss), Shalimar (Superlac) 48 Plastic Emulsion Paint Berger(Rangoli), Nerolac, ICI India Ltd. (Dulux), Asian (Premium) 49 Vitreous China Sanitaryware Parryware, Hindware, CERA 50 Fireclay Sinks & Drain Boards Parry, Sunfire 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	44	Acrylic Exterior Paint	shield), NEROLAC(surksha plus), BERGER(weathercoat),
46 Water-Proof Cement Paint Snowcem, Kilicknixon, Durocem, Berger, ICI India Ltd., Shalimar 47 Synthetic Enamel Paint Berger(Luxol High Gloss), Nerolac, Asian(apcolite), ICI India Ltd. (Dulux Gloss), Shalimar (Superlac) 48 Plastic Emulsion Paint Berger(Rangoli), Nerolac, ICI India Ltd. (Dulux), Asian (Premium) 49 Vitreous China Sanitaryware Parryware, Hindware, CERA 50 Fireclay Sinks & Drain Boards Parry, Sunfire 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	45	Grass Paver	Unistone, Ultra, Shree, Supertile, Modern
Ltd.(Dulux Gloss), Shalimar (Superlac) 48 Plastic Emulsion Paint Berger(Rangoli), Nerolac, ICI India Ltd.(Dulux), Asian (Premium) 49 Vitreous China Sanitaryware Parryware, Hindware, CERA 50 Fireclay Sinks & Drain Boards Parry, Sunfire 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves			
Asian (Premium) 49 Vitreous China Sanitaryware Parryware, Hindware, CERA 50 Fireclay Sinks & Drain Boards Parry, Sunfire 51 Stainless Steel Sinks Nilkanth, AMC, Cobra, Jayana, Franky 52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Neco, RIF 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	47	Synthetic Enamel Paint	
49Vitreous China SanitarywareParryware, Hindware, CERA50Fireclay Sinks & Drain BoardsParry, Sunfire51Stainless Steel SinksNilkanth, AMC, Cobra, Jayana, Franky52C.P. Brass FittingsPrima, Marc, Kingston53Soil, Waste & Vents Pipes & Fittings Centrifugal Cast IronNeco, RIF54LA (CI) PipesRIF, Neco55G.I. PipesTata, Jindal – Hissar56G.I. Fittings (Malleable Cast Iron)Unik, ICS, Neo57Gunmetal ValvesLeader, Sant, Zoloto58Stone Ware Pipe & Gully TrapsPerfect, Parry59R.C.C. Pipes-(NP-2)Lakshmi, Sood&Sood, Jain & Co.60MS PipeKesoram, Electro Steel61C.I. Double Flanged Sluice ValvesKirloskar, IVS, Burn62C.I. Double Flanged Non Return ValvesKirloskar	48	Plastic Emulsion Paint	
51Stainless Steel SinksNilkanth, AMC, Cobra, Jayana, Franky52C.P. Brass FittingsPrima, Marc, Kingston53Soil, Waste & Vents Pipes & Fittings Centrifugal Cast IronNeco, RIF54LA (CI) PipesRIF, Neco55G.I. PipesTata, Jindal – Hissar56G.I. Fittings (Malleable Cast Iron)Unik, ICS, Neo57Gunmetal ValvesLeader, Sant, Zoloto58Stone Ware Pipe & Gully TrapsPerfect, Parry59R.C.C. Pipes-(NP-2)Lakshmi, Sood&Sood, Jain & Co.60MS PipeKesoram, Electro Steel61C.I. Double Flanged Sluice ValvesKirloskar, IVS, Burn62C.I. Double Flanged Non Return ValvesKirloskar	49	Vitreous China Sanitaryware	Parryware, Hindware, CERA
52 C.P. Brass Fittings Prima, Marc, Kingston 53 Soil, Waste & Vents Pipes & Neco, RIF 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	50	Fireclay Sinks & Drain Boards	Parry, Sunfire
53 Soil, Waste & Vents Pipes & Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	51	Stainless Steel Sinks	Nilkanth, AMC, Cobra, Jayana, Franky
Fittings Centrifugal Cast Iron 54 LA (CI) Pipes RIF, Neco 55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	52	C.P. Brass Fittings	Prima, Marc, Kingston
55 G.I. Pipes Tata, Jindal – Hissar 56 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo 57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	53	'	Neco, RIF
 G.I. Fittings (Malleable Cast Iron) Unik, ICS, Neo Gunmetal Valves Leader, Sant, Zoloto Stone Ware Pipe & Gully Traps Perfect, Parry R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. MS Pipe Kesoram, Electro Steel C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn C.I. Double Flanged Non Return Valves 	54	LA (CI) Pipes	RIF, Neco
57 Gunmetal Valves Leader, Sant, Zoloto 58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves Kirloskar	55	G.I. Pipes	Tata, Jindal – Hissar
58 Stone Ware Pipe & Gully Traps Perfect, Parry 59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	56	G.I. Fittings (Malleable Cast Iron)	Unik, ICS, Neo
59 R.C.C. Pipes-(NP-2) Lakshmi, Sood&Sood, Jain & Co. 60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	57		
60 MS Pipe Kesoram, Electro Steel 61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves	58	Stone Ware Pipe & Gully Traps	Perfect, Parry
61 C.I. Double Flanged Sluice Valves Kirloskar, IVS, Burn 62 C.I. Double Flanged Non Return Valves Kirloskar	59	R.C.C. Pipes-(NP-2)	Lakshmi, Sood&Sood, Jain & Co.
62 C.I. Double Flanged Non Return Valves Kirloskar	60	MS Pipe	Kesoram, Electro Steel
Valves	61	C.I. Double Flanged Sluice Valves	Kirloskar, IVS, Burn
	62		Kirloskar
	63		B.C. RIF

64	Upvc Pipe	Supreme, Prince, Finolex
65	Copper Tubes/Pipes	Rajco, Max Flow ABC
66	Copper Fittings	Yorkshine, IBP, Bconex
67	Ball Valves	Zoloto, IBP, Arco
68	Butterfly Valves	Audco
69	Unglazed Vitrified Tiles	Johnson – (Endura), Somany – (Dura Stone), Regency – (Tiles)
70	Spider Fittings	. Dorma, Sevax
71	Mineral Fibre False Ceiling	Armstrong or Equivalent as per Relevant Is Codes
72	. APP	Roflex, STP ,Dermabit, Watertite(Alex Extrusions Limited)
73	PE-AL-PE PIPES & FITTINGS	JINDAL, SUPREME
74	PVC/SINTHETIC WATER TANK	SINTEX, UNIPLAST, SPL
75	SELF CLOSING PILLAR TAPS	JAQUAR
76	. HOT WATER INSULATION	GLASS WOOL/ MINERAL WOOL
77	ELASTOMERIC SLEEVE	UP TWIGA / ROCKLLOYD
78	BEVELLED EDGE MIRROR	ATUL/SAINT GOBAIN/MODI
79	ROLLING SHUTTERS	RAMA ROLLING SHUTTERS / JOYTI ROLLING/ ANAND INDUSTRIES SHUTTERS
80	WALL PUTTY	BIRLA, J.K, BERGER, SHALIMAR
81	DRAPERY ROD, VENETIAN BLINDS	MAC, VISTA
82	RMC	ACC, Unitech, Ultra Tech (Birla), L&T, A-1 and NDCON
83	PTMT Fittings	Prayag, Polytuff
84	Distemper	Berger (Bison), Asian (Tractor), ICI (Maxiiite), Neroalc (Nerolac)
85	PVC Flushing Cistern 5 litre/ 10 litre Capacity	Hindware, Perryware, Cera
86	Metal ceiling tiles	Armstrong, SaintGobin&Anutone.

Note:

Makes other than specified above (if necessary) shall be approved by the Engineer in charge of the work.

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

[Department User may ask for Tender Acceptance Letter instead of asking Signed Tender Document from the Bidders. This is a sample format, User may revise it as per their Tender Conditions]

Date:

To,
The Director
ICAR-Central Institute for Research on cotton Technology
Adenwala Road,
Matunga, Mumbai.

Sub: Acceptance of Terms & Conditions of Tender

Tender Reference No: NIT.No.20/E-Tenders-works/ICAR-CIRCOT/2023-24

Name of Tender/Work: - Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.

Dear Sir,

- 1. I/We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: Yashwantrao Chavan Building- Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai 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. 1 to 28** (including all documents like annexure(s), schedule(s), etc), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
- 3. The corrigendum (s) is sued from time to time by your department/organization to ohave also been taken into consideration, while submitting this acceptance letter.
- 4.I/Weherebyunconditionallyacceptthetenderconditionsofabovementionedtenderdocument(s)/corrigendum(s) in its totality / entirety.
- 5.l/WedoherebydeclarethatourFirmhasnotbeenblacklisted/debarredbyanyGovt. Department/Public sector undertaking.
- 6. I / We certify that all information furnished by theour Firm is true & correct and in the event that the informationisfoundtobeincorrect/untrueorfoundviolated,thenyourdepartment/organisationshall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudicetoanyotherrightsorremedyincludingtheforfeitureofthefullsaidearnestmoneydeposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

Annexure-II

Instructions for Online Bid Submission

(Department user may attach this Document as an Annexure in their Tender Document which provides complete Instruction for online bid submission for Bidders)

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://eprocre.gov.in/eprocure/app

REGISTRATION

- 1) 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 Enrolment" on the CPP Portal which is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) 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.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (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.
- 5) Only one valid DSC should be registered by a bidder. Please note that bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- 6) Bidder then logs in to site through the secured log-in by entering their user ID/password and the password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS

- There are various search built in the CPP Portal, to facilitates 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" folders. This would enable the CPP portal to intimate thebidders through SMS/e-mail in case there is case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help form the Helpdesk.

PREPARAION OF BIDS

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) 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.
- 3) 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/JPGformats. Bid documents may be scanned document.
- 4) 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 beenprovided to the bidders. Bidders can use "May Space" Other important Documents" area available to them to upload such documents. These documents may be directly submitted form the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to reduction in the time required for bid submission process.

Note: My Documents space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded the Documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.

SUBMISSION OF BIDS

- 1) Bidder should log into the site well 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 issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by on as indicated in the tender document.
- 3) Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.
- 4) 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.
- 5) 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 ad complete the white coloured (unprotected) cells 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.

- 6) 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.
- 7) 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 tis uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using/nod opener's public keys. Overall the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 8) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 9) 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 &a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 10) The bid summary has to be printed and kept as an acknowledgment of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for tender or the relevant contact person indicated in the tender.
- 2) 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.

Scan copy of the document to prove that applicant has achieved a minimum annual value of turnover of Rs.------(1.5 times estimated cost) carried out in any of the years over the last 7 years period, ending 31 March previous year.

This is as per MANUAL FOR PROCUREMENT OF WORKS 2019, Page 27)

Annexure_III

TECHNICAL BID CHECKLIST: (List of technical documents required to be uploaded in technical bid cover No.1)

The following Technical supporting documents (for eligibility) are to be uploaded in pdf format on website: www.eprocure.gov.in. Later all original D.D to be submitted to the Institute in physical form duly mentioning the tender reference,

- i) Scan copy of Original D.D for EMD (in pdf format)
 (Refundable) (Submit the original D.D to office and get the Receipt on submission before date of opening of technical bids of e-tender)
- ii) Scan copy Original D.D.for Tender fee (in pdf format) (nonrefundable) (Submit the original D.D to office and get the Receipt on submission before date of opening of technical bids of e-tender)
- iii) Scan copy of Letter of undertaking of offer (as per Annexure-1) (in pdf format)
- iv) Scan Copy of Registered contractor of class V minimum in Government organizations namely in CPWD or State PWD.
- v) Scan Copy of PAN. (in pdf format)
- vi) Scan Copy of GST registration document. (in pdf format)
- vii) Scan copies of the document to prove the applicant has achieved a minimum annual value of turnover of 2.0 times estimated cost of the work. The annual turnover of each year of the last 3 years shall be morethan the minimum annual turnover. Chartered Accountant certified profit and Loss account, Balance sheet to this effect to be enclosed (forexample, if estimated cost is 5 Lakhs, then minimum annual turnovershall be 10 lakhs)
- viii) Scan copy of Details of civil Works completed during last three years ending last day of month previous to the one in which applications are invited should be either of the following:
- Three completed Civil works costing not less than the amount equal to 40(forty) percent of the estimated cost; or
- Two completed Civil works costing not less than the amount equal to 50 (fifty) percent of the estimated cost; or
- One completed civil work costing not less than the amount equal to 80(eighty) percent of the estimated cost;

Financial Bid:-

- The estimates are made by qualified engineers of the institute and base on latest CPWD-DSR with all updates and correction slips. Firms/ Contractors /Bidders should not quote too low high. To ensure quality materials, specification and workmanship, any tender with abnormally (+) or (-) percentage variation will be summarily rejected. So, the bidders must take due care while quoting.
- Evaluation criteria: Tender will be awarded to the lowest quoted Firm among those firms qualified in the technical bid. In case, two or more firms quote the same rates, then the tender will be awarded to the Firm which has got more average turnover in the last 3 years.

Annexure-IV

2.

PROFORMA OF AGREEMENT

(To be executed on a non-judicial stamp paper of Rs.100/- to be obtained by the bidder in its name)

ICAR-CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY. (INDIAN COUNCIL OF AGRICULTURAL RESEARCH) ADENWALA ROAD, MATUNGA-19.

for Researc	ch on Cotton Technology, Matunga, Mur	ement on, between the Director, ICAR-Central Institute (hereinafter referred to as e contractor), S/O resident of
	(hereinafter referred to a	as the Second party), to undertake and execute the works namely ofworks) on the following terms and conditions.
not	ne Director, ICAR-Central Institute for l	Research on Cotton Technology, Matunga, Mumbai., has issued a tendefor appointment of contractor for the work as mentioned in the NIT
		the aforesaid work vide tender noed to execute the work on the terms and conditions as set forth in the tende
	ne ICAR-CIRCOT, on acceptance of the a etter of Award/Work order dated	aforesaid offer of the contractor, awarded the work to the contractor vide its("LOA"/W. O)
D) In	pursuance of the LOA/W. O, the parties	have agreed to enter into this Agreement.
NOW,	, THEREFORE, the parties hereto hereby	agree as follows:
The	ne second party shall:	
2. 3. 4. 5.	•	out the work ogress of the work ction of supervisory personnel of the first party. ancy to the notice of the representative of the first party and seek necessary
on per c take rec party h	him liable to pay liquidated damages (per day basis will be charged and deducted to ecourse to such other action as deemed ap	second party in completing the work within the will enalty) @ 1.5% of the tendered amount per month of delay to be computed from payments due to him. And the first party shall cancel the contract and propriate without making any payment for the whatsoever work the second going to celebrate centenary year from the month of December and is in the given to the Second Party.
	re of the 1 st Party rity for ICAR-CIRCOT)	Signature of the 2 nd Party (Contractor)
Witness:	:	Witness:
1.		1.

2.

FINANCIAL BID (Percentage BOQ) (This is only for reference. Fill up this excel format only given separately)

NIT. No. 20 / E-Tenders-Works/ICAR-CIRCOT/2023-24

SCHEDULE "A": BILL OF QUANTITIES AND SCHEDULE OF WORKS:

NAME OF WORK: Yashwantrao Chavan Building: - Providing and fixing European type WC Pot with Water-Proofing, Tiling and petty Plumbing work in Toilets on ground floor, first floor Y.C building and ground floor, first floor, second floor of Dr. V. Sundaram building at ICAR-CIRCOT Matunga, Mumbai.

Sr. No.	Item code	Description Of Item	Unit	Quantity
110.	(As per DSR-21)	Description Of Item	Omt	Quantity
1)	15.23	Dismantling Tile work in floors, walls, dados etc laid in		
-,	13.23	cement mortar including stacking materials within 50m lead.	Sq.mt	60.00
2)	MR	Dismantling existing old Orissa WC Pot iaid in cement mortar including stacking material within 50m lead.	Each	15.00
3)	15.2.1	Demolishing Cement Concrete (1:3:6 mix)	Cu.mt	15.00
4)	4.1	Providing and laying in position cement concrete 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20mm size) excluding the cost of centering and shuttering.	Cu.mt	9.00
5)	MR	Providing and fixing 10cm P.V.C Nhani trap, fixing with P.V.C grating, P.V.C plug bend and piece of P.V.C pipe upto plug bend, scaffolding etc complete.	each	15.00
6)	11.37	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colors such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement: 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	Sq.mt	30.00
7)	11.36	Providing and laying Ceramic glazed wall tiles 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colors such as White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:3 (1 Cement : 3 Coarse sand) including pointing the joints with white cement and matching pigment etc., complete.	Sq.mt	30.00
8)	MR	Fixing white vitreous china pedestal type water closet (European type) with seat and lid all complete as per the requirement.	F. 4	15.00
9)	17.18	(W.C. pan will be supplied by Department) Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS: 7231, with all fittings and fixtures complete.	Each Each	15.00
		17.18.1 10 litre capacity - White		
10)	MR	Providing and fixing CI Plain bend as per the direction.	Each	30.00
11)	MR	Providing and fixing CI Plug bend as per the direction.	Each	15.00

12)	MR	Providing and fixing 100mm dia CI Pipe as per the direction.	Metre	30.00
13)	MR	Providing and fixing 75mm dia CI Pipe as per the direction.	Metre	30.00
14)	MR	Providing and fixing CI Tee as per the direction. 100×100×100mm	Each	15.00

Total Amount of Rs. 3,39,346/-

Sujatha Koshy Senior Administrative Officer