



Government eProcurement System

eProcurement System Government of India

Tender Details

Date : 24-Apr-2024 11:49 AM

Print

Basic Details

Organisation Chain	Department of Agricultural Research and Education Indian Council of Agricultural Research,DoARE,MoA Central Institute of Agricultural Engg.-Bhopal		
Tender Reference Number	293095/CIAE		
Tender ID	2024_DARE_804758_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	Works
Tender Category	Works	No. of Covers	2
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Offline	S.No	Instrument Type
	1	Bankers Cheque
	2	Demand Draft
	3	FDR

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual /Technical	.pdf	NIT for Repair and Maintenance of AMD Seminar Hall at ICAR CIAE Bhoopal
2	Finance	.xls	BOQ for Repair and Maintenance of AMD Seminar Hall at ICAR CIAE Bhoopal

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00	Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No				

EMD Fee Details

EMD Amount in ₹	9,566	EMD Exemption Allowed	No
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	ICAR UNIT CIAE	EMD Payable At	BHOPAL

[Click to view modification history](#)

Work / Item(s)

Title	Repair and Maintenance of AMD Seminar Hall at ICAR CIAE Bhoopal
Work Description	Repair and Maintenance of AMD Seminar Hall at ICAR CIAE Bhoopal
Pre Qualification Details	Please refer Tender documents.

Independent External Monitor/Remarks	NA				
Show Tender Value in Public Domain	No				
Tender Value in ₹	0.00	Product Category	Civil Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	45
Location	ICAR CIAE BHOPAL	Pincode	462038	Pre Bid Meeting Place	TTD Visitor room at ICAR CIAE
Pre Bid Meeting Address	ICAR-CIAE Nabi Bagh Berasia Road Bhopal (MP)	Pre Bid Meeting Date	06-May-2024 11:49 AM	Bid Opening Place	ICAR CIAE BHOPAL
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	24-Apr-2024 12:00 PM	Bid Opening Date	17-May-2024 11:00 AM
Document Download / Sale Start Date	24-Apr-2024 12:30 PM	Document Download / Sale End Date	15-May-2024 05:30 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	25-Apr-2024 09:00 AM	Bid Submission End Date	15-May-2024 05:30 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	NIT for Repair and Maintenance of AMD Seminar Hall at ICAR CIAE Bhoopal	5164.65

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
	1	BOQ	BOQ_845878.xls	BOQ for Repair and Maintenance of AMD Seminar Hall	251.50

Bid Openers List

S.No	Bid Opener Login Id	Bid Opener Name	Certificate Name
1.	deepa.shinde@icar.gov.in	Deepa Shinde	DEEPA SHINDE
2.	waghaye.abhishek@icar.gov.in	Abhishek Waghaye	ABHISHEK MITARAM WAGHAYE
3.	kousik.saha@icar.gov.in	Kousik Prasun Saha	KOUSIK PRASUN SAHA
4.	manoj.kumar5@icar.gov.in	Manoj Kumar	MANOJ KUMAR

Tender Properties

Auto Tendering Process allowed	No	Show Technical bid status	Yes
Show Finance bid status	Yes	Show Bid Details in Public Domain stage	Technical Bid Opening
BoQ Comparative Chart model	Normal	BoQ Compative chart decimal places	2
BoQ Comparative Chart Rank Type	L	Form Based BoQ	No

TIA Undertaking

S.No	Undertaking to Order	Tender complying with Order	Reason for non compliance of Order
1	PPP-MII Order 2017	Agree	
2	MSEs Order 2012	Agree	

Tender Inviting Authority

Name	THE DIRECTOR, ICAR CIAE BHOPAL
Address	ICAR-CIAE Nabi Bagh Berasia Road Bhopal (MP)

Tender Creator Details

Created By	Manoj Kumar
Designation	Senior Scientist
Created Date	24-Apr-2024 11:33 AM



भा.कृ.अनु.प.-केन्द्रीय कृषि अभियांत्रिकी संस्थान
नबीबाग, बैरसिया रोड, भोपाल-462 038 (म.प्र.)
ICAR-CENTRAL INSTITUTE OF AGRICULTURAL ENGINEERING
NABI BAGH, BERASIA ROAD, BHOPAL- 462 038 (M.P.)
Tel.: 0755-2521013, Fax: 2730984, 2734016, Email: aao_store.ciae@icar.gov.in



E.File No.293095

Dated: - 23.04.2024

E-TENDERS NOTICE INVITING
(NATIONAL COMPETITIVE BIDDING)

Online bids are invited on single stage two bid system for the following works :-

1. "Repair and maintenance of AMD Seminar Hall" at ICAR-CIAE, Bhopal

Tender document may be downloaded from CIAE web site www.ciae.icar.gov.in (for reference only) and CPP portal <https://eprocure.gov.in/eprocure/app> as per schedule as given in CRITICAL DATE SHEET as under:-

Name of Work	Estimated Amount	Period of Completion	EMD/ Bid Security deposit
"Repair and maintenance of AMD Seminar Hall" at ICAR-CIAE, Bhopal	Rs. 478326/-	45 days	Rs. 9566/-

Note:- Submit your Technical Bid & Financial Bid in separate sealed envelopes

CRITICAL DATE SHEET

Published Date	As per CPP Portal
Bid Document Download / Sale Start Date	As per CPP Portal
Bid Submission Start Date	As per CPP Portal
Bid Submission End Date	As per CPP Portal
Pre-Bid Meeting	06.05.2024 at TTD visitor room, ICAR-CIAE, Nabi bagh, Berasia Road, Bhopal (M.P) at 3.00 PM
Bid Opening Date	As per CPP Portal
Place of opening of Technical bid	In the office of AAO (P-I & P-II) , ICAR-CIAE, Nabi bagh, Berasia Road, Bhopal (M.P)

Note: The Offline Technical Bid envelop containing all required documents for technical scrutiny along with Earnest Money Deposit (EMD) of Rs. 9566/- for the above work is to be deposited in the form of Demand Draft/ Fixed Deposit Receipt/ Banker's Cheque in favor of ICAR Unit CIAE, BHOPAL and send it to AAO (Works), Central Store, ICAR-CIAE, Nabi Bagh, Berasia Road, Bhopal through speed post/courier before the opening of bid well in time otherwise bid will be rejected. Scanned copy of technical bid along with Demand Draft/ Fixed Deposit Received/ Bankers Cheque must also be attached with online Technical bid through CPP Portal.

Itemwise-Rate Tenders/ Bids are invited on behalf of the Director, ICAR- CIAE, Bhopal from approved/ enlisted/registered contractors of C.P.W.D. or contractors registered with PWD or contractors registered other public works organizations etc: -

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

- **TECHNICAL BID :** All the bidders are requested to mandatorily submit the following documents through CPP Portal through online mode and offline mode both along with EMD in the form of Demand Draft/ Fixed Deposit Receipt/ Banker's Cheque in favor of ICAR Unit CIAE, BHOPAL and send it to AAO (Works), Central Store, ICAR-CIAE, Nabi Bagh, Berasia Road, Bhopal through speed post/courier before the opening of bid well in time for Technical evaluation and for qualification otherwise bid will be rejected :-

1. Demand Draft/FDR/ Banker's Cheque of Rs. 9566/- in the name of ICAR Unit CIAE Bhopal separately along with offline Technical Bid as EMD/ Bid Security Amount
2. A self attested photocopy of Certificate/License of Enlistment of Contractors issued by CPWD/ State PWD / Public Works Organization (PWO) etc is essentially required from the Contractors along with the bid document.
3. Self attested copy of Firm's registration under Companies Act/or any other Act/ or GST certificate(GST No.)
4. Self attested copy of PAN No.
5. Self attested copy of BID SECURITY DECLARATION Attached as Annexure -1
6. Self attested copy of Bid/ Tender Acceptance Letter. Attached as Annexure -II
7. Self attested copy of the Certificate of Non-Blacklisting /Not Banned/Temporarily suspended as per Annexure - III
8. Self attested copy of an undertaking on punitive action as per. Attached as Annexure - IV
9. Separate Envelope for Technical Bid.
10. The signed copy of all Terms & Conditions as per Part III should also be submitted by the bidder.

Financial Bid : Separate Envelop for financial bid

Financial bid must be quoted in online BOQ only, not in any other document. The firms should quote the rates in consolidated form in BOQ by filling all the item wise rates in all the rows and parameters. Filling nil in any in BOQ or in any item invites cancellation of such firm bid.


GENERAL CONDITIONS

1. The following work at ICAR-CIAE, Bhopal are approximately estimated to the cost of Rs. 478326/- respectively and are given merely as estimate to the bidders:
"Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal"
2. Agreement (Contract) shall be drawn with the successful bidder on prescribed Form available in the bidding document. Bidder shall quote his rates as per various terms and conditions of the said form.
3. The time allowed for carrying out the work will be 45 days from the 10th day after issue of work order of written or from the first day of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents. Based on merit extension may be granted by Competent Authority. Delay in execution invites applicable action as per rule
4. Tender document may be downloaded from CIAE web site www.ciae.icar.gov.in
5. Bidding documents consisting of plans/specifications/ the schedule of quantities as per the case of the various classes of work to be done and completed.
6. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five percent) of the bid amount within the period of 10 days from the date of issue of Work Order. This guarantee shall be in the form of Demand Draft in favour of ICAR -Unit CIAE, BHOPAL or Bank Guarantee or Fixed Deposit Receipt (FDR) of any Scheduled Bank or State Bank of India in the prescribed form
7. Submission of a bid by a bidder implies that he has read this notice and all other bid

documents and has made himself/herself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the quoted rates and execution of the work. All bids in which any of the prescribed condition is not fulfilled or any condition is put forth by the bidder shall be summarily rejected

8. The competent authority (The Director, ICAR-CIAE, Bhopal) has the authority to reject any or all of the tenders received without assigning any reason.
9. Canvassing whether directly or indirectly, in connection with tenders / bidders is strictly prohibited and the bids submitted by the bidders who resort to canvassing will be liable to rejection.
10. The competent authority (the Director, ICAR- CIAE, Bhopal) reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the quoted rates.
11. The Bid rates for the works shall remain open for acceptance for a period of **Ninety days** from the date of opening of bids. If any bidder withdraws his bid before the said period or issue of letter of acceptance, which-ever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Institute shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Bid security & **take any suitable action, if applicable.**
12. Rates in online financial bid (BOQ) should include all the statutory taxes (GST etc) which are applicable at the time of filling BOQ /financial bid .

NOTE:- Unsigned Tender will not be entertained.


[ABHISHEK YADAV]
Chief Administrative Officer
FOR & ON BEHALF OF DIRECTOR,
ICAR-CIAE, BHOPAL

Distribution :

1. Dr Karan Singh, Incharge, AKMU – For uploading the tender in CIAE website
2. F&AO, CIAE, Bhopal
3. AAO (Purchase (I & II)
4. Incharge, EMS
5. AAO (works)

**PART - I
GUIDELINES TO BIDDERS**

1. Cost of Bidding Document:

The bidder shall bear all costs associated with the preparation of submission of its bids and the Employer will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

2. One Bid per Bidder:

Each bidder shall submit only one bid either by himself or as a partner in a joint venture. A bidder who submits or participates in more than one bid will be disqualified.

3. Site Visit:

The bidder is advised to visit the site on the pre bid meeting date and examine the site of work and its surroundings and obtain for himself/herself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for execution of the work.

4. Clarification of Bidding Documents:

Any shortfall of documents may be sought from the bidder by the institute prior to opening of financial bid during the evaluation stage of technical bid at the discretion of the institute

5. Language of the Bid

All documents relating to the bid preferred to be in English.

6. Bid Prices:

The contract shall be for the whole work based on the unit rates and prices in the Bill of Quantities submitted by the bidder. The bidder shall fill in rates and prices for all items of the Work described in the Bill of Quantities.

All the statutory duties, taxes and other levies shall be payable by the contractor under the contract, or for any other cause.

7. Bid Validity:

Bid shall remain valid for the period of 90 days after the date of bid opening. In exceptional circumstances before the original bid validity period, the Competent authority may request the bidders to extend the period of validity in a specified additional period.

8. Award criteria

The employer shall award the contract to the Bidder whose Bid has been technically qualified and offered the lowest cumulative Bid Price.

9. Notification of Award and signing of agreement

The bidder whose bid has been accepted will be notified of the award of contract by the employer prior to expiration of the Bid validity period. The agreement will incorporate all correspondence between the employer and the successful Bidder. Within 10 days of the receipt of letter of acceptance, the successful bidder shall deliver to the employer a performance security in the prescribed form (DD) for an

amount equivalent to 5% of the contract value.

10. Period of Maintenance :

The "Period of Maintenance" or Defects liability period for the civil-works is based on tender value as detailed below :

- (i) Upto Rs. 2.5 lakhs - 3 months after completion
- (ii) > Rs. 2.5 lakhs to Rs. 5.00 lakhs - 6 months after completion
- (iii) > Rs. 5.00 lakhs - one year after completion

During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the Employer. Else warranty for suitable action including forfeiture of performance guarantee.

11. Water & Electric Supply is incidental to work and will be provided by the institute subjected to availability.

12. Dispute Resolution Mechanism:

The sole arbitrator for the resolution of all disputes such as material, performance, bidding terms & condition is Director, CIAE and his decision will be final and binding on the contractor

13. Corrupt and fraudulent practices

It is expected that Bidders/Suppliers/contractors under this contract observe the highest standard of ethics during the procurement and execution of this contract. In pursuance of this policy, the employer

(b) Defines for purpose of these provisions, the terms set forth below as follows:-

- (i) 'Corrupt practice' means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution, and
- (ii) 'Fraudulent practice' means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the employer, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid process at artificial non-competition levels and to deprive the employer of the benefits of free and open competition.

(c) Will reject the award work awarded, if he found that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for contract in question at any stage.

Part - II Contractors

Bid/Tender

(A) Tender for the following Works:-

- (i) "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal
- (ii) To be opened in presence of bidders who may be present as per CPP Portal in the office of Assistant Administrative Officer (Purchase I & II), ICAR-CIAE, Bhopal - 462038.



AGREEMENT

This Contract made the _____ day of _____ (Month), _____ (Year) between the **Hon'ble President of Indian Council of Agricultural Research** acting through the **Director, ICAR- Central Institute of Agricultural Engineering, Nabi Bagh, Berasia Road, Bhopal -462038 (Madhya Pradesh)** (name and address of Employer) (hereinafter called "the **Employer**") and _____ (name and address of contractor) (hereinafter called "the **Contractor**" of the other party).

WHEREAS the Employer is desirous that the Contractor executes the Work of 1. _____

2. _____ (Ref. _____ No. _____) (name and identification number of contract) (hereinafter called "the **Works**") at ICAR-CIAE, BHOPAL -462038 (MP) and the **Employer** has accepted the Bid submitted by the **Contractor** for the execution and completion of such works and the remedying of any defects therein, at a contract price of Rs.....

NOW, THEREFORE, IT IS HEREBY AGREED BETWEEN THE PARTIES AS FOLLOWS:

1. In this Contract, words and expressions shall assume the same meanings as are respectively assigned to them in the conditions of Contract hereinafter referred to and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy the defects therein in conformity in all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and in remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. Any willful delay on the part of the contractor in completing the work within the stipulated period will render him liable to pay liquidated damages @ 0.5 % per week which will be deducted from the payments due to him. The first party 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
5. The following documents shall be deemed to form and be read and construed as part of this agreement viz.:
 - (i) Letter of Acceptance
 - (ii) Notice to proceed with the works
 - (iii) Contractor's Bid
 - (iv) Bidding data
 - (v) General conditions of contract (including special conditions of contract)
 - (vi) BOQ and its Specifications
 - (vii) Any other documents listed in the contract data as forming part of the contract

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IN WITNESS WHEREOF the Parties have caused this Contract to be executed the day and year first before written.

Signature of Employer Signed by

Director, ICAR- CIAE, BHOPAL
(for and on behalf of the President of ICAR, India)

In the presence of

Witness 1.

Incharge, Estate Management Section

In the presence of

Witness 2.

Asstt. Admn. Officer (works)

Signature of Contractor Signed by _____

(for and on behalf of _____)

In the presence

of (Witnesses)



PART- III
GENERAL CONDITIONS OF CONTRACT IN BRIEF

SIMPLE TERMS AND CONDITIONS FOR CONDUCTING WORKS

1. All tools and plants will be arranged by the contractor at his own cost.
2. Work will be carried out under the supervision of the Incharge, EMS or his nominee
3. Work should be started within 10 days on receipt of the work order or 1st day after site handed over whichever is later.
4. The contractor will be strictly responsible to the true intent of the specifications in regard to the workmanship and the diligent execution of the contract.
5. The contractor shall be available at the site as per demand by the institute
6. Payment will be made after satisfactory completion of the work within a month's time.
7. The contractor should submit bill in duplicate.
8. Actual quantities of completed and accepted work shall only be paid.
9. No Claim shall be entertained on account of the increasing price of labour due to any cause whatsoever.
10. If there is any loss to the Institute Property or material supplied to the contractor due to the negligence of the part of the contractor or his worker, the same will be recovered from him.
11. The work may be cancelled at any stage, if the job is not found satisfactory as per the specification of the work order then institute has right to take a decision on payment to be made or not for already completed work.
12. Director CIAE, Bhopal, reserves the right to cancel the order at any stage without assigning any reason.
13. In case of any dispute, decision of the Director, CIAE, Bhopal will be final. All disputes /litigations, if any, shall be subject to Bhopal jurisdiction only.
14. The contractor is required to carry out the work by adopting all the safety measures as per Govt. of India norms. In case of any accident to his worker, he will be solely responsible and the institute is no way liable for such loss. The contractor should take valid insurance for workmen compensation in case of any loss to health and life of workers at his own cost. ICAR-CIAE is not liable to pay for any such loss
15. The contractor should comply with the provisions/guidelines of all applicable Labour laws.
16. The contractor shall comply with all legal orders and directions given from time to time by any local or public authorities and shall pay out of his own money the fees or charges to which he/she may be liable.
17. Income Tax etc. as applicable will be deducted from the Contractor's bill.
18. Contractor will have to clear the site of work after completion of the job within 10 days at his own cost. If not followed, bid security will be forfeited.
19. No claim will be entertained on account of any natural calamity/act of God.
20. The splashes and droppings of the white washing/colour washing, painting, cement mortar etc., fallen on floor, doors/windows etc. during the execution of work, shall be removed by the contractor and the surface will be cleaned properly after completion of the work at his own cost & arrangement.
21. The contractor shall provide all materials required for the works at his own expense, other than those which are stipulated to be supplied by the Institute/Government.
22. The Contractor shall treat all the Capital items obtained during dismantling of any structure at work-site etc. as Government property and all such materials shall be deposited with CIAE, Bhopal as per instructions of the Incharge, EMS.
23. All extant labour laws are to be followed by contractor/firm.
24. The Contractor shall also comply with all CPWD specifications, rules & regulations of work contracts.
25. Any failure to fulfill these requirements of the contract by the contractor, shall attract the penalty clause of this contract arising out of the resultant non-execution of the work, as decided by Competent Authority.
26. All the GOI/State labour & wages act are to be strictly followed by the contractor.
27. The department do not guarantee to maintain un-interrupted supply of water or electricity and it will be the responsibility of the contractor to make alternative arrangements for water and electricity at his own cost in the event of any temporary breakdown so that the progress of work is not held up. No claim of damage or refund will be entertained on account of such break down.
28. The contractor will be responsible for the safe storage of the material issued to him or arranged by him for the work. Any pilferage by him or his worker will be recovered from him and will also be

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debarred from carrying out any work in the institute in future.

29. The contractor shall keep necessary books of account and other documents for the purpose of inspection as may be necessary and shall allow inspection of the same by a duly authorized representative of CIAE and further shall furnish such other information/document as may be required.
30. No Work shall be carried out on Saturdays, Sundays and public holidays without the prior permission from competent Authority.
31. The contractor will used all the materials as per approved list of civil materials as per CPWD specifications or as per approved list of civil materials appended in Part V.



PART - IV
TECHNICAL SPECIFICATIONS

Work will be carried out as per CPWD Specifications

Bill of Quantity (BOQ)

"Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

S.no	Item	Unit	Qty	Rate	Amount
1	Providing & fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC 0.50 to 0.75 as per IS 8225:1987, SUB HEAD : NEW TECHNOLOGIES AND MATERIALS .Non combustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter locking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanized mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge. With fully perforated 12 mm thick micro tegular edged or 10 mm thick square edged GRG false ceiling tiles.	sqm	45		
2	Providing and fixing internal PVC wall panels on 10-12 mm thick plyboard with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.	sqm	30		
3	Providing and fixing false ceiling light of approved make and quality as approved by engineer in charge.(2*2)	Nos	8		
4	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	each	2		
5	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	sqm	10		

	diamond cutter only .Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system Glazed vitrified floor tiles polished finish of size and rubber mallet for placing the tiles gently and easily. Size of Tile 600 x 1200 mm				
6	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles above 25 mm and up to 40 mm	sqm	10		
7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar	cum	3		
8	Providing and fixing horizontal/roller /vertical blinds 100mm Louver width, quality of approved make fabric made of 100% polyester woven fabric thickness 0.40mm with Acrylic coating resistance to Cracking & Fraying and treated for dust repellency, UV proof , virtually maintenance free having plastic bottom chain thickness of chain-0.50mm and diameter-3mm, Plastic with metal bottom weight - 116.20mmX48.30mm and suitable coating on exterior, including all fixtures and fittings complete in all respect as per design/color/shade including requisite installation brackets etc as required.	sqm	15		
9	Providing and fixing aluminium door including screws , nut, bolts.	sqm	2		
10	Providing and fixing Wall fan.	Nos	2		
11	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron).	kg	130		
12	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	kg	50		
13	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	sqm	30		
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.	sqm	200		
15	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	sqm	200		

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16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	cum	3		
17	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group B	Point	5		
18	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	70		

In-charge, EMS

AS Parsai
13/3/24

AS Parsai
Prepared by
AS Parsai
TA(Civil)

PART - V**LIST OF APPROVED MATERIALS (CIVIL)****Note :**

1. Unless otherwise specified, the brand/make of the material as specified in the item nomenclature or in the particular specifications or in the list of approved materials attached in the tender, shall be used in the work.
2. The Contractor shall obtain prior approval from the Engineer-in-charge before placing order for any specific material/ Brand/ Make.
3. Whenever the specified brand of material is not available than, the Engineer-in-charge may approve any material equivalent to that specified subject to proof being offered by the Contractor for its equivalence and its non-availability to his satisfaction.
4. If any brand which have been approved by the Director, CIAE till the date of last date of submission of respective tender shall be deemed as approved brand even if it has not been mentioned in approved brand or make in the NIT.

MATERIALS:**BRAND/MAKE**

	MATERIALS:	BRAND/MAKE
1.	AAC Block	Aerocon, Ultratech, Ecolite, Concrelite, BILTECH, Dlite Blocks, Orillite – Kota, E-Crete
2.	AAC Block Adhesive	Ferrous crete(Ferro-1188), ARDEX ENDURA (White Star), Ultratech (Fixo-Block), Berger Home Shield
3.	(a) Acrylic Exterior paint	Apex Ultima of Asian Paints, Weather Coat all Guard of Berger, Weather Shield Max of Dulux
	(b) Acrylic Emulsion paint	Royal Luxury Emulsion of Asian Paints, Silk Luxury emulsion of Berger Paint, Velvet touch emulsion of Dulux.
	(c) Acrylic Distemper	Royal Luxury Emulsion of Asian Paints, Silk Luxury emulsion of Berger Paint, Velvet touch emulsion of Dulux.
	(d) Synthetic Enamel Paint	Apcolite of Asian Paint, Luxol of Burger Paint and Dulux Paint.
4.	Epoxy Adhesive	FOSROC, Aquomix , Choksey, BAL-ENDURA, Berger Paints India Ltd.
5.	Aluminium Composite Panel	Alpolic, Aluco Bond, Reynobond, Euro bond, Alstrong, Aludecor.
6.	Aluminum Door window hardware (ISI Mark only)	Shalimar, Archie, Classic(ISI)
7.	Aluminium Extrusions / sections	Hindalco, Indian Aluminium Co., Jindal
8.	Annealed Float Glass	Saint Gobain, Modi Guard, Asahi
9.	Auditorium Chairs/ Furniture	Godrej, Wipro, Methodex, Bonton, Penworker, Durian, Harman Miller, Featherlite, Haworth & Geeken
10.	Bitumen	Indian Oil, Hindustan Petroleum, Bharat Petroleum
11.	Calcium Silicate Board / Tiles	Aerolite, Hilux, Starpan
12.	CC Pavers / Grass Pavers*	Nitco, Ultra, KJS Concrete, Duracrete, Mehtab Tiles, Kaptim, Khalsa, Dalal
13.	Centrifugally Cast Iron Pipe & Fittings	NECO, SKF, BIC, RIF, KAPILANSH, HIF, Electrosteel,
14.	C.I. Hubless pipe	SKF, NECO, Kapilansh
15.	Ceramic Tiles	Kajaria, Somany, Nitco, Johnson, RAK Ceramics
16.	Chequered	Dura, Eurocon, Modern, Hindustan, Johnson, NITCO
17.	CI Manhole Cover	SKF, NICO, Hepco, Kapilansh
18.	CI Double flanged non-return valves	Kirloskar, Sant, Kartar
19.	CI / SCI Spun pipes and fittings	NECO, HEPCO, Bengal Iron Corporation, Kapilansh
20.	Cover Block	Khalsa, Balaji, Simcom
21.	CP fittings	Jaquar, Marc, Kohler, Hindware , Shakti, Prayag Polymers(P), Ltd.
22.	CPVC Pipes & Fittings	Astral , Ashirvad, Prince, Supreme, Finolex, VECTUS , Prayag
23.	CRCA Steel sheet	TATA, Jindal, Sail
24.	Curtain Carrier / Drapery Rod	Marvel, Vista levlor, Johnson.
25.	Dash fastener, Expansion Bolt	Hilti, Bosch, Fischer
26.	Hydraulic Door closer, Floor springs	Dorma, Hettich, Hafele, dorset, Hardwin, kelvin, Godrej
27.	Ductile Iron Pipe (Water Supply)	Electro steel, Kesoram, Electro Spun, TATA DUCTURA, Swastic
28.	EPDM Gasket	Hanu, Anand, Lescuyer
29.	GRC	Unistone, Dalal, Swastic
30.	Epoxy Grouting Compound	Pidilite, Ferrous Crete(Ferro-102), MYK- LATICRETE, Berger Paints India Ltd., Ultratech

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31.	Epoxy Primer & Paints	Berger, Pidilite, CICO, BASF, SIKA, Asian Paints
32.	Elastomeric Antifungal Exterior Paint	Ultima of Asian Paints, Weathershield of ICI Dulux, Alguard of Berger
33.	Fire Check door	Navair, Godrej, Shakti
34.	Float Glass Mirror	Modifloat, Saint Gobain, Asahi, TATA float
35.	Flush Doors (ISI Mark only)	Century, Archid, Greenply, Marino, Duro, Jayna, Gujcon, Durian, A1 flush door, M.P. Wood
36.	Friction Stay	Albihari, Geze, Hettich, Securistyle, Ebco
37.	Galvanized/Stainless Steel Anchor Fasteners	Shakti, Arrow, Hilti, Fischer
38.	GI Pipe & fittings	Tata, Zenith, Jindal, Prakash Surya, Swastik
39.	GI Sheet	Sail, TATA, Jindal, National, Bhushan
40.	Geotextile	Manas, Osian, Wadhwa
41.	Gun Metal Gate Valve , Ball valve	Zoloto, Leader, SANT
42.	Glass Mosaic Tile	Bisazza, Italia, Palladio, Mridul
43.	Gypsum Board (False Ceiling)	Boral Gypsum, India Gypsum, Saint- Gobain
44.	Gypsum Plaster	Asian Paints, Fosroc, BASF, Sika, Saint-Gobain, Pidilite
45.	FRP Door	Fiberways, Jayna, Shiv Shakti
46.	Hardener	Hardcrete of Snowcem India, Pidilite, CICO., Berger Paints India Ltd.
47.	HDPE Pipes	VECTUS, Emco, Polyfins, Pioneer, Plyfab, Jain Irrigation, Kissan
48.	Jet Assembly for EWC/Health Faucet	Parryware , Jaquar, Marc, Hindware
49.	Kitchen loft tank	Sintex, Tirupati Structural Ltd, KMS Plast world P.Ltd. Planet Plastics, Sri Kamakshi Traders, Sreyah Novel InC.
50.	Kerb Stone	Mehtab, Hindustan, Concreto, Kaptim, K.K., Khalsa
51.	Laminate and Veneers	Merino, Greenlam, Formica, Kitlam, Durian
52.	Locks / Latch	Godrej, Harrision, Dorma, Yale, dorset, Hafele
53.	Marine Plywood / BWP Ply/Plywood	Duro, Century, Kitply, Greenply, Archidply
54.	Melamine Polish	Asian Paints, Pidilite, ICI Dulux, Berger
55.	Metal False Ceiling	Nitobond, Armstrong, Trac, Durlum, Lafarge, Anutone, Hunter Douglas, Hi-steel
56.	Mineral Fibre/ GRG Ceiling	Armstrong, Daiken, Anutone, Diamond, Credence
57.	M.S. Pipe (Railing)	Jindal, Tata, RINL, Prakash Surya, Apolo
58.	M.S. Tubes	SAIL, Tata, Apolo, Prakash Surya, RINL, JSW and JSPL
59.	Multi-coat Synthetic Plaster/ Textured Exterior wall paint	Spectrum, Heritage, Ultratech, Asian Paints, Berger Paints India Ltd.
60.	PL.AL.PL. Pipes	Kitech, Vectus, Jindal
61.	Polycarbonate Sheet	Bayer, Macrolux, Danpalon, DPI Daylights, Fibreways
62.	Polysulphide / Silicon Sealant	Pidilite, Fosroc, Tuffseal, Berger Paints India Ltd.
63.	POP (Plaster of paris)	JK-Laxmi, Sriram Nirman, Sakarni
64.	PPR Pipes	SFMC, SAFE, Poineer Industries, Vectus
65.	Precast CC interlocking Tiles	Hindustan, Paver India, KK, Dalal, Unistone
66.	Pre-coated Profile Sheet	Tata, Bhushan (Jindal), National, Jindal
67.	Pre-laminated Particle Board	Ecoboard, Action-Tesa, Duro, Century Ply, Greenlam
68.	Pressed steel door frame	M/s Engineers & Fabricator, Raipur, M/s J.K. Enterprises, Jaipur, M/s Jangid Engineering Works, Jaipur, M/s Swastik Super Industries, Mohali, M/s SKS Steel Industries, New Delhi.
69.	PTMT Water supply fittings	Prayag, Polytuff, Estylo, Plasto, Shakti
70.	PVC Cistern	Steelbird, Jindal, Prayag, Commander, Shakti, Jaquar, Hindware
71.	PVC Connection Pipe	Supreme, Prince, Finolex
72.	PVC Rain Water Pipe & Fitting (SWR) Pipes	Finolex, Kisan, Kasta, Supreme, Astral, Prince, Vectus
73.	PVC Shutter	Polygreen, Rajshri, Plastogreen, Sintex
74.	PVC Water storage Tank (Only ISI)	VECTUS, Water well, Plasto, Sintex, Gangotri
75.	Ready Mix Concrete (RMC)	ACC, L&T, Grasim, Ultratech, RMC Ind, Supermax
76.	Ready Mix Plaster	Ready Plast (Ultratech), Silico Plast, Perma Plast, Insta Plast
77.	Road Safety Products	Shakti or equivalent
78.	Rust Remover	Perma, Sunanda, Dr. Fixit, Fosroc, Sika
79.	SBR Polymer	Perma, Sika, Roff Bond, Fosroc
80.	Sluice Valve	Kirloskar, Venus, Kalpana, SANT, KARTAR, Zoloto
81.	Solid PVC frames and shutters	Polygreen, Rajshri, Plastogreen, Sintex

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82.	Stainless Steel	Jindal, Salem or equivalent
83.	Stainless steel Sink with or without Draining board.	Nirali, Hindware, Frankee, Neelkanth, Jaquar, Prayag
84.	Stainless steel Door/Window fittings & Fixtures	Dorset, Prayag, Dorma, Ozone, Hettich, Kich, Geze
85.	Structural steel section	TATA, SAIL, RINL, JSW Steel Ltd., Jindal Steel & Power Ltd. (JSPL)
86.	Super plasticizer / admixture	Sika, Fosroc, Chouksey Chemicals, BASF, Asian Paints, Berger Paints India Ltd.
87.	Tactile	Somany, Johnson, Dura, Dalal & NITCO
88.	Tensile Fabric	Bluestone, Encon, Structure Flex
89.	Telescopic Drawer Channels	Godrej, Hettich, Ebco
90.	Tile Adhesive	Ferrous Crete (Ferro-1122), Ardex Endura (Gold Star), PIDILITE (Fevimate XL), WEABR (Saint-Gobin) Sika, Thermoshield, Asian Paints, Berger Paints India Ltd., Ultratech (tile-fixe)
91.	Towel Ring/Towel Rod/Towel Rack	Marc, Jaquar, Kohler, Grohe, Hindware, Prayag
92.	Tubular Seallar Window/ M.S. Tubular Window	M/s Engineers & Fabricator, Raipur, M/s J.K. Enterprises, Jaipur, M/s Swastik Super Industries, Mohali (Punjab) M/s Jangid Engg. Jaipur
93.	UPVC Pipes & Fittings	Astral, Flowguard, Ashirvad, Prince, Supreme, Finolex, VECTUS, Prayag
94.	Urinal, Washbasin, Orrisa Pattern W.C., Wall mounted European W.C. Seat with Cistern	Hindware, Parryware, Jaquar, Cera, Kohler, Grohe
95.	Vitrified Tile, Rectified Tile	Johnson, Marbonite, Somany, Kajaria, NITCO, RAK
96.	Wall Putty	JK, BIRLA, SARAPUTTY, Asian Paints, Berger Paints India Ltd
97.	Waste Pipe	Kamal, Viking, Jaquar
98.	Water Proofing Compound (Liquid)	Pidilite, Cico, Impermo, Fosroc, BASF, Ardex Endura, Sika, Asian Paints, Berger Home Shield.
99.	Water Proofing membrane- PU based	Asian Paints, Berger Home Shield or equivalent
100.	White Cement	JK White, Birla White, Grasim
101.	Wire Meshdoor	A-1 Teak, Century, Greenply, M.P. Wood, Durian
102.	Wooden Frames	A-1 Teak, Century, Greenply, M.P. Wood, Durian
103.	Wooden Flooring	Armstrong, Squarefeet, Action Tesa, Vista
104.	Wood polymer composite (WPC) Door frames and shutters	Sintex, Rajshri, Plastiwood, Alstone, Polygreen
105.	UPVC Windows	Fenesta, Aluplast, Kommerling, Duraplast
106.	Metal Fire Check Doors	Shakthi Hormann, Steeltech, MPP, ASES (Agni Suraksha) & Navair
107.	Non-Metallic Fire Check Doors	Tata Pravesh, Promat, Godrej, Shakthi Hormann, ASES (Agni Suraksha) & Navair
108.	Auditorium Related Material	
109.	Fibre Glass Acoustical Suspended Ceiling	Knauf, Armstrong, Himalayan, Acoustic Hunter Douglas
110.	Woven Vinyl Carpet	Vibrant Floors, Nox, 2Tec2
111.	Acoustic wall panel	Knauf, Armstrong, Himalayan, Acoustic Hunter Douglas
112.	Channelled Perforated Wall Panels	Knauf, Armstrong, Himalayan, Acoustic Hunter Douglas
113.	Auditorium Seating PU Padded	Piero, Godrej, Mapeloak

* Paver blocks produced at site under controlled condition may also be allowed after approval of Engineer-in-charge

Note : 1) In case approved make for any material/item is not specified in the Tender, the decision of finalizing a particular brand shall rest with Incharge, EMS, CIAE, Bhopal or his successor there off.

2) In case of non-availability of a particular material/item from specified manufacturers/makes, the decision of Incharge, EMS, CIAE, Bhopal or his successor there off in selection of alternate manufacture/ make is final.

Incharge, EMS

Annexure -1

BID SECURITY DECLARATION

The Director,
ICAR- CIAE, BHOPAL (MP) -462038

Subject : Tender for "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

Dear Sir

I/ We hereby agree to deposit the bid security money (2% of bid value) as per the norms. If I/We fail to furnish the prescribed bid security with in prescribed period or I/We withdraw or modify the bid during period of validity etc., I will be suspended for the time specified in the tender documents or as decided by the competent authority of ICAR-CIAE, Bhopal.

Signature of the Contractor
Postal Address

Dated _____



ANNEXURE II

TENDER ACCEPTANCE LETTER

The Director,
ICAR-CIAE,
Bhopal

Ref: Tender for "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

Dear Sir,

I /We have read and examined the invitation for bid, Bidding data, Specifications applicable. Drawings & Designs, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred in the conditions of contract and all other contents in the Bidding document for the work, and accept to executive the work as per the BOQ.

We agree to keep the tender open for ninety (90) days from the date of submission thereof and not to make any modifications in its terms and conditions. If I fail to commence work within 10 days from receipt of work order as specified, I /We agree that Competent Authority of the Institute shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the performance guarantee absolutely.

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

Dated _____

Signature of the Contractor
Postal Address



Annexure -III

SELF-DECLARATION – NO BLACKLISTING

The Director,
ICAR-CIAE, Bhopal (MP)

Ref: Tender for "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

Dear Sir,

I/ We hereby declare that presently our Company/ firm _____ is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of time by any State/ Central Government/ PSU/Autonomous Body. We further declare that presently our Company/ firm _____ is not blacklisted/ debarred and not declared ineligible for reasons other than corrupt & fraudulent practices by any State/ Central Government/ PSU/ Autonomous Body on the date of Bid Submission. If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Yours faithfully,

Date.....
Place.....

Signature.....
Name.....
Seal of the organization



Annexure -IV

UNDERTAKING REGARDING WRONG INFORMATION

The Director,
ICAR-CIAE,
Bhopal

Ref: Tender for "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

Dear Sir,

I/ We hereby declare that if the information/declaration/scanned documents furnished in respect of eligibility criteria are found to be wrong or misleading at any stage, the firm will be liable for punitive action

Thanking you

Yours faithfully,

Date.....
Place.....

Signature.....
Name.....
Seal of the organization

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: The Director ICAR - CIAE Bhopal

Name of Work: "Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal

Contract No:

Name of the Bidder/ Bidding						
PRICE SCHEDULE						
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER	TEXT #	NUMBER	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	"Repair and Maintenance of AMD Seminar hall" at ICAR-CIAE, Bhopal					

1.01	<p>Providing & fixing false ceiling at all heights with GRG (Glass Fibre Reinforced Gypsum) false ceiling tiles of Size 595x595 mm of approved texture, design and patterns having moisture content less than 2%, humidity resistance of 99%, NRC 0.50 to 0.75 as per IS 8225:1987, SUB HEAD : NEW TECHNOLOGIES AND MATERIALS .Non combustible as per BS 476 (part 4)-1970 and light reflectance of 85% (minimum) to be laid in true horizontal level suspended on inter locking metal T-Grid of hot dipped galvanized iron section of 0.33mm thick (galvanized @ 120 grams per sqm including both sides) comprising of main-T runners of size 15x32 mm of length 3000 mm, cross - T of size 15x32 mm of length 1200 mm and secondary intermediate cross-T of size 15x32 mm of length 600mm to form grid module of size 600 x 600 mm, suspended from ceiling using galvanized mild steel items (galvanizing @ 80 grams per sqm) i.e. 50 mm long, 8 mm outer diameter M-6 dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm. Galvanized iron perimeter wall angle of size 24x24x0.40 mm of length 3000 mm to be fixed on periphery wall / partition with the help of plastic rawl plugs at 450 mm center to center and 40 mm long dry wall wood screws. The work shall be carried out as per specifications, drawing and as per directions of the Engineer-in-Charge. With fully perforated 12 mm thick micro tegular edged or 10 mm thick square edged GRG false ceiling tiles.</p>	45.000	Sqm		0.00	
1.02	<p>Providing and fixing internal PVC wall panels on 10-12 mm thick plyboard with self-drilling / tapping screws / fasteners @ 60cm c/c of approved make, Screws shall be of counter sunk rib head of 1.60mm to 4 mm thick or 8 to 10 gauge of length varying from 25 to 45 mm. Proper taping and jointing to be done using fiber mesh tape and epoxy and acrylic based jointing compound for seamless finish.</p>	30.000	Sqm		0.00	
1.03	<p>Providing and fixing false ceiling light of approved make and quality as approved by engineer in charge.(2*2)</p>	8.000	Nos		0.00	

[Handwritten Signature]
[Handwritten Name]

1.04	Supply, Installation, Testing and Commissioning of 1200 mm sweep, BEE 5 star rated, ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, Power Factor not less than 0.9, Service Value (CM/M/W) minimum 6.00, Air delivery minimum 210 Cum/Min , 350 RPM (tolerance as per IS : 374-2019), THD less than 10%, remote or electronic regulator unit for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Supply, earthing etc. complete as required.	2.000	Each		0.00	
1.05	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 Glazed vitrified floor tiles polished finish of size and rubber mallet for placing the tiles gently and easily. Size of Tile 600 x 1200 mm	10.000	Sqm		0.00	
1.06	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead For thickness of tiles above 25 mm and up to 40 mm	10.000	Sqm		0.00	
1.07	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. In cement mortar	3.000	cum		0.00	

[Handwritten Signature]

[Handwritten Signature]

(34)

1.08	Providing and fixing horizontal/roller /vertical blinds 100mm Louver width, quality of approved make fabric made of 100% polyester woven fabric thickness 0.40mm with Acrylic coating resistance to Cracking & Fraying and treated for dust repellency, UV proof , virtually maintenance free having plastic bottom chain thickness of chain-0.50mm and diameter-3mm, Plastic with metal bottom weight - 116.20mmX48.30mm and suitable coating on exterior, including all fixtures and fittings complete in all respect as per design/color/shade including requisite installation brackets etc as required.	15.000	Sqm		0.00	
1.09	Providing and fixing aluminium door including screws , nut, bolts.	2.000	Sqm		0.00	
1.1	Providing and fixing Wall fan.	2.000	Nos		0.00	
1.11	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For fixed portion Powder coated aluminium (minimum thickness of powder coating 50 micron).	130.000	Kg		0.00	
1.12	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron)	50.000	Kg		0.00	

As per

As per

1.13	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	30.000	Sqm		0.00	
1.14	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.	200.000	Sqm		0.00	
1.15	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. Two coats	200.000	Sqm		0.00	
1.16	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	3.000	cum		0.00	
1.17	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with piano type switch, phenolic laminated sheet, suitable size MS box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. Group B	5.000	Point		0.00	
1.18	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required. 2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	70.000	meter		0.00	
Total in Figures					0.00	

Aspar Sar

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Quoted Rate in Words

INR Zero Only

Dr