



MAHARASHTRA MEDICAL COUNCIL, MUMBAI

Established by Government of Maharashtra Under MMC Act 1965

189-A, Anand Complex, 1st Floor, Sane
Guruji Marg, Arthur Road Naka,
Chinchpokali (West), Mumbai - 400011

Tel No.: 022-23007650

Website: www.maharashtramedicalcouncil.in

Email Id: maharashtramcouncil@gmail.com

No.MMC/Tender Notice/REDEVELOPING (INTERIOR AND CONSTRUCTION)/2025/01482

Date- 20/03/2025

SECTION-1

TENDER NOTICE

REDEVELOPING (INTERIOR AND CONSTRUCTION) WORKS OF THE
MAHARASHTRA MEDICAL COUNCIL OFFICE PREMISES
AT 189-A, ANAND COMPLEX, 2ND FLOOR, SANE GURUJI MARG,
ARTHUR ROAD NAKA, CHINCHPOKLI (W), MUMBAI 400 011

The office of the MAHARASHTRA MEDICAL COUNCIL invites Quotation form through website <https://maharashtramedicalcouncil.in/> in Two bid system i.e. Technical bid and Financial bid from qualified and reputed contractors/firms as per the below mentioned schedule:-

Sr. No.	Activity Description	Schedule
1.	Tender No.	No.MMC/Tender Notice/REDEVELOPING (INTERIOR AND CONSTRUCTION)/2025/01482 Date: 20/03/2025
2.	Name of the work	Redeveloping (Interior and Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 1st floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011.
3.	Start date of submission of Bid	15.00 HRS on 20/03/2025. The tender document is available only on the official website of the Maharashtra Medical Council. https://maharashtramedicalcouncil.in
4.	Last date and time of bid submission	17.00 HRS on 03/04/2025
5.	Site visit and Pre-bid meeting	25/03/2025 up to site visit from 12:00 HRS to 12:15 HRS and Pre-bid meeting at 3.00 pm
6.	Time and Date of Opening of Technical Bid	15.00 HRS on 04/04/2025
7.	Time and Date of Opening of Price Bid	will be notified to the eligible bidders
8.	Minimum Validity of tender offer	60 days from the date of opening

9.	EMD	Rs.3,50,000/- (to be submitted in the form of DD in the favour of the Registrar, Maharashtra Medical Council, Mumbai, payable at Mumbai)
10.	Cost of Bid Document	Rs.15,000/- (including GST) (Non-Refundable)(to be submitted in the form of DD in the favour of the Registrar, Maharashtra Medical Council, Mumbai, payable at Mumbai)
11.	Estimated Tender Amt.	Rs.3,50,00,000/-
12.	Security Deposit	5% of the Tendered Cost.

Tender through physical submission in two envelopes is invited by the Maharashtra Medical Council, 189-A, Anand Complex, 1st floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011 for Redeveloping (Interior and Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011, from reputed interior and civil contractor/ firms.

1. The Complete bidding process will be through physical submission of two envelopes (Technical Bid and Financial Bid). All the notifications and detailed terms and conditions regarding this tender notice will be available on the official website of the Maharashtra Medical Council. <https://maharashtramedicalcouncil.in> only.
2. Bidding documents must be downloaded from the official website of the Maharashtra Medical Council. <https://maharashtramedicalcouncil.in> and the bids to be submitted at the office of the Maharashtra Medical Council by 03/04/2025 up to 17:00 HRS.
3. The Payment for Tender Form Fees must be made via demand draft in favour of the "Registrar, Maharashtra Medical Council, Mumbai" payable at Mumbai and submitted along with the tender documents.
4. Technical bids will be opened on 04/04/2025 at 15.00 HRS at the office of Maharashtra Medical Council at 189-A, Anand Complex, 1st floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011.
5. The Maharashtra Medical Council reserves the right to accept or reject any or all tenders without assigning any reason.

sd/-
Registrar
Maharashtra Medical Council

SECTION 2
DETAILED TENDER NOTICE

Name of Work : Redeveloping (Interior and Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai - 400 011.

Tendering Procedure

1.1 Qualification Criteria

The qualification criteria for bidders intending to participate in the tender process for the Redeveloping (Interior and Construction) Works of the Maharashtra Medical Council (MMC) Office Premises are as follows:

The bidder must be a qualified and reputed contractor/firm with experience in executing similar civil, interior & electrical works for office premises. Proof of similar works completed in the past 3 to 5 years must be submitted. Experience in handling large-scale renovation projects for government or commercial premises will be given additional preference.

The bidder must have the technical expertise, skilled workforce, and necessary machinery and equipment to complete the renovation works on time. The bidder must demonstrate financial stability and liquidity. The financial soundness will be assessed to ensure the bidder can handle the project's financial obligations.

The bidder must be registered with relevant government bodies, possess a valid GST registration, and have all required licenses and certifications to undertake civil, electrical, interior works. The bidder must also be compliant with all labor laws and safety regulations.

The bidder must have a proven track record of ethical conduct and successful completion of past contracts. References from previous clients may be required. Any prior involvement in litigation or legal issues must be disclosed.

The applicant shall meet the following minimum criteria:

- a) The bidder must have a financial turnover of an average of 1 Crore over the last three years.
- b) The bidder should have experience of having successfully completed work during the last 3 years.

One (1) Similar works successfully and satisfactorily completed within last Three (3) years in Govt./Semi Govt./ Public Sector undertaking costing work as of or more than 1.20 Crore.

OR

Two (2) Similar works successfully and satisfactorily completed within last Three (3) years in Govt./Semi Govt./ Public Sector undertaking costing work as of or more than 90 Lakhs

OR

Three (3) Similar works successfully and satisfactorily completed within last Three (3) years in Govt./Semi Govt./ Public Sector undertaking costing work as of or more than 60 Lakhs

1.1.2 Bid Capacity

Bid capacity is the financial and technical capacity of the bidder to undertake and complete the proposed project successfully. It ensures that the bidder has the necessary resources to complete the project.

The bid capacity is calculated using the following formula:

$$\text{Bid Capacity} = (A \times N \times 2) - B$$

Where **A** is the maximum annual turnover of the bidder in the last three years,

N is the number of years required to complete the project, and

B is the value of existing commitments and ongoing works to be completed during the project's execution period.

Only those bidders whose calculated bid capacity is equal to or greater than the estimated project cost will be eligible for participation. Bidders must provide a comprehensive list of ongoing projects along with expected completion timelines.

1.2 Envelope 1 (Technical Bid)

The Technical Bid should contain all the information and documentation required to establish the technical eligibility of the bidder.

The contents of Envelope 1 include a formal letter indicating the bidder's interest in participating in the tender. The letter should reference the tender number and include the bidder's full name, address, and contact details.

Sr. No.	Technical Eligibility Criteria	Document to be submitted
1.	Applicant should be a Contractor / Company / Firm of national repute standing in India.	Copy of Certificate of Incorporation or equivalent;
2.	GST and PAN Card	Copy of GST & PAN certificate should be attached.
3.	GST Clearance Certificate	GST GST Clearance Certificate upto 2024
4.	ITR	Income Tax Returns for last 3 years & Certified copy of PAN card
5.	The bidder should have average annual turnover of 1 Crore or more in last three year.	Certificate from the statutory auditor/CA clearly stating the turnover or copy of the audited profit and loss statement of the company/firm duly certified By statutory auditor/CA
6.	Net worth should be positive	Net worth certificate from from the statutory auditor / Chartered Accountant

7.	The bidder should not be debarred/blacklisted in any Govt. / Semi Govt. Department	A self-declaration certificate letter signed by the authorized signatory of the bidder
8.	Experience of having successfully completed works during the last 3 years	Copy of the Work order or/and Work Completion certificate should be attached. (Issued by Central/State /Semi Govt. / Central Autonomous Body / Central government undertaking)
9.	The bidder should not be suspended / banned	The bidder should not be suspended / banned by any Ministry / Deptt. of Government of India or by any State Govt. / PSU Undertaking / declaration certificate for the same must be submitted
10.	The bidder should possess valid ISO 9001-2015 or equivalent certificate.	A Copy of the relevant ISO certificate or similar.
11.	Affidavit of Performance Guarantee as per the format prescribed	The Contractor /Bidder should submit affidavit on stamp paper of Rs.500 as proforma enclosed in this document.
12.	Proof of submission of EMD and Tender fees.	A copy of the DD for EMD and Tender fees along with the original DD.

Any additional documents as specified in the tender notice should also be provided. This may include ISO certifications, quality assurance policies, and environmental compliance certificates.

1.3 Envelope 2 (Financial Bid)

The Financial Bid should include the bidder's commercial proposal and must be submitted in a separate sealed envelope as per the BOQ mentioned. The Bill of Quantities (BOQ) must be signed and stamped by an authorized representative.

If applicable, any transportation, insurance, and contingency charges must be listed separately. Any conditions for price escalation must be clearly stated.

1.4 Submission of Tenders

The tender submission process is as follows.

The bid must be submitted in two sealed envelopes. Envelope 1 contains the Technical Bid, and Envelope 2 contains the Financial Bid. Both envelopes should be placed inside a larger sealed envelope marked with the tender reference number and the contractors' or firms name.

Tenders must be submitted at the office of the Maharashtra Medical Council, 189-A, Anand Complex, 1st floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011 by the deadline. Late submissions will not be accepted. The council is not responsible for any postal delays.

1.5 Opening of Tenders

The opening of tenders will be conducted in the following manner.

Envelope 1 (Technical Bid) will be opened on 04/04/2025 at 15:00 HRS in the presence of bidders' representatives. The bidders' representatives should carry identity proof for verification.

The date and time for opening Envelope 2 (Financial Bid) will be notified to technically qualified bidders only. The notification will be sent via email.

The bids will be evaluated first on technical criteria. Only bidders meeting the technical eligibility will have their financial bids opened. The evaluation will be conducted by the tender committee

1.6 Earnest Money (EMD)

An Earnest Money Deposit (EMD) in the form of DD in the favour of Registrar, Maharashtra Medical Council payable at Mumbai of Rs.3,50,000/- must be submitted.

The EMD must be paid via Demand Draft in favor of the "Registrar, Maharashtra Medical Council, Mumbai" payable at Mumbai.

The EMD will be refunded to unsuccessful bidders after finalization of the tender. If the bidder withdraws after submission or fails to comply with the terms, the EMD will be forfeited. Forfeiture will also apply in case of submission of fraudulent documents.

1.7 Security Deposit

The security deposit amount will be as specified in the tender notice. The security deposit will be retained until successful completion of the project. The deposit will be refunded after completion of all contractual obligations. Refund requests must be submitted in writing.

1.8 Tender Rate

Tender rates must be quoted in Indian Rupees (INR) and be inclusive of all costs, taxes, and levies. The rate must remain firm and fixed for the duration of the contract.

1.9 Tender Units

All units for the Bill of Quantities (BOQ) must be clearly specified in terms of measurement units such as cubic meters (m³), square meters (m²), linear meters (m), kilograms (kg), or units, as applicable.

1.10 Power of Attorney

If the tender is signed by an authorized representative of the bidder, a Power of Attorney must be submitted, authorizing the individual to sign and submit the bid on behalf of the organization. The Power of Attorney must be duly notarized and executed on a non-judicial stamp paper as per applicable legal requirements. It should clearly specify the name, designation, and scope of authority of the authorized representative. The PoA should also include the name and address of the bidder organization, along with the date and place of execution. Failure to submit a valid Power of Attorney may lead to rejection of the tender.

The Power of Attorney must be accompanied by the supporting identification proof of the authorized signatory, such as an Aadhaar card, passport, or government-issued ID, to verify the individual's credentials. This document ensures that the representative has the full legal right to act on behalf of the bidder, mitigating the risk of disputes or unauthorized actions.

1.11 Validity Period

The validity period of the tender offer is 90 days from the date of opening of the Technical Bid. During this period, bidders must maintain their offer without any modifications. Any withdrawal, alteration, or attempt to change the terms of the tender during the validity period will result in the forfeiture of the EMD.

The purpose of the validity period is to provide the tendering authority with sufficient time to evaluate bids, seek clarifications, and make final decisions. Bidders are required to ensure that all the financial and technical aspects of their offer remain unchanged throughout the validity period. Any request to extend the validity period, if required, will be communicated by the tendering authority, and bidders may be required to provide written consent for the extension.

SECTION 3 AGREEMENT

Name of Work : Redeveloping (Interior And Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011

GENERAL RULES AND DIRECTIONS FOR THE GUIDANCE OF CONTRACTORS

1. All work proposed to be executed by the contractor shall be notified in a form of invitation to tender pasted on a board hung up in the office of MMC and signed by Registrar. This form will state the work to be carried out as well as the date for submitting and opening tenders and the time allowed for carrying out the work; also the amount of earnest money to be deposited with the tender and amount of security deposit to be deposited by successful tenderer and the percentage, if any, to be deducted from bills. It will also state whether a refund of quarry fees, royalties, and ground rents will be granted. Copies of the specifications, designs and drawings and estimated rates, schedule rates and any other documents required in connection with the work shall be signed by the Engineer/Architect for the purpose of identification shall also be open for inspection by contractors at the office of the Engineer/Architect during office hours. Where the works are proposed to be executed according to the specifications recommended by the contractor and approved by a competent authority on behalf of the Maharashtra Medical Council such specification with designs and drawings shall form part of accepted tenders.
2. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power of attorney authorising him to do so.

2 (A)

- i) The contractor shall pay online along with the tender Rs.15,000/- towards tender charges and Rs.3,50,000/- towards earnest money. The said amount of earnest money shall not carry any interest. The tender charges are non-refundable.
- ii) In the event of his tender being accepted, subject to the provisions of sub- clause below, the said amount of earnest money shall be appropriated towards the amount of Security Deposit payable by him under the conditions of General Conditions of Contract.
- iii) If, after submitting, the tender, the contractor withdraws his offer or modifies the same or if after the acceptance of his tender the contractor fails or neglects to furnish the balance of Security Deposit, without prejudice to any other rights and powers of the Maharashtra Medical Council hereunder shall be entitled to forfeit the full amount of the earnest money deposited by him.
- iv) In the event of his tender not being accepted, the amount of earnest money deposited by the contractor shall, unless if prior thereto is forfeited under the provisions of sub clause (iii) above, be refunded to him on his producing receipt thereof.

3. Receipts for payments made on account of any work, when executed by a firm, shall also be signed by all the partners except where the contractors are described in their tender as a firm in which case the receipts shall be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
4. Any person who submits a tender shall fill up a usual printed form stating at what percentage above or below the rates specified in this document (memorandum showing items of work to be carried out) he is willing to undertake the work; only one rate of such percentage on all estimated rates/schedule rates shall be named. Tenders which propose any alteration in the works specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions will be liable to rejection.
5. The Registrar or his duly authorized Assistant shall open tenders in the presence of Contractors who have submitted tenders or their representatives who may be present at the time and he will enter the amounts of the several tenders in a comparative statement in a suitable form. In the event of a tender being accepted, the contractor shall for the purpose of identification, sign copies of the specifications and other documents mentioned herein. In the event of a tender being rejected, the Registrar, MMC shall authorize the to refund the amount of the earnest money deposited by the contractor on his making a request, and his giving back the receipt for the return original the money.
6. The officer competent to dispose off the tenders shall have the right of rejecting all or any of the tenders.
7. No receipt for any payment alleged to have been made by a contractor in regard to any matter relating to this tender or the contract shall be valid and binding on Maharashtra Medical Council unless there is documentary proof thereof.
8. All work shall be measured by standard measure and according to the acceptable rules and customs.
9. Under no circumstances shall any contractor be entitled to claim enhanced rates for any items in this contract unless written approval is granted.
10. All corrections and additions should be initialed by tenderer.
11. The measurements of work will be taken according to the usual method in use and no proposals to adopt alternative method will be accepted. The Engineer/Architect's decision as to what is the usual method in use will be final & binding on the contractor.
12. The tender offer will be binding on the tenders for a period of 90 (ninety) days from the date fixed for opening of tenders and thereafter until it is withdrawn by notice in writing duly addressed to the Authority receiving the tender.

MEMORANDUM

A) General Description -	Redeveloping (Interior and Construction) Work
B) Tender Cost	Rs. 15,000/-
C) Earnest Money	Rs. 3,50,000/-
D) Security Deposit	5% of Tendered cost

a) Time allowed for the work is 90 DAYS (including Monsoon) from the date of written order to commence. If this tender be accepted, I/ We hereby agreed to abide by and fulfill all the terms and provisions of the Condition of contract annexed hereto, so far as applicable and default thereof, to forfeit and pay to Maharashtra Medical Council the sums of money mentioned in the said conditions. I / we agree that the offer shall remain open for acceptance for a minimum period of 90 Days from the date fixed for receipt the same and there after until it is withdrawn by me/ us by notice in writing duly addressed to the authority opening the tenders and sent by registered post A.D. or other-wise delivered at the office of such authority. D. R. No
Dated Term deposit receipt of the sum of Rs. _____ (_____ only) representing the Earnest Money shall not bear interest and shall be liable to be forfeited by the Maharashtra Medical Council, should I/ We fail to (1) abide by the stipulation to keep the offer open for the period mentioned above; or. (2) sign the complete contract documents as required by the Engineer and furnish the Security Deposit as specified in item(d) of the memorandum contained in para above within the time limit laid down in clause (1) of the annexed general conditions of contract. The amount of earnest money may be adjusted towards the security deposit or refunded to me/us if so desired by me/us in writing, unless the same or any part thereof has been forfeited as aforesaid. I/ We have secured exemption from payment of earnest money after executing the necessary bond in favour of the M.M.C. True copy of which is enclosed herewith. Should any occasion for forfeiture of Earnest Money for this work arise due to failure on my/our part to (1) abide by the stipulation to keep the offer open for the period mentioned above or (2) sign and complete the contract documents and furnish the Security Deposit as specified in item (d) of the memorandum contained in para I above within the limit laid down in clause (1) of the annexed General Conditions of the Contract, the amount payable to me/us Rs. _____ (_____ - _____ only) is herewith forwarded for representing the Earnest money, the full value of which is to be absolutely forfeited to Maharashtra Medical Council, should I/ We not deposit the full amount of Security Deposit specified in the above memorandum in accordance with

CLAUSE 1 (a) of the said conditions, otherwise the said sum of Rs. _____ (_____ only) shall be refunded **Amount to be specified in works and figures. @ strike out (a) if no cash to be taken.* Contractor/s: M/S. * signature of the contractor before Address: submission of tender Date the day of 2025 (Witness) Address: * Signature of witness to contractor's signature (Occupation) *The above Tender is hereby accepted by me on behalf of the Maharashtra Medical Council.*

* Signature of officer by whom accepted.

CONDITIONS OF CONTRACT

CLAUSE - 1 : The person whose tender may be accepted (hereinafter called the contractor which expressions shall unless exclude bay or repugnant to the context include his heirs, executors, administrators and assigns) shall (A) (within one day for a contract of ` 7,000/- or two days for contract of more than ` 7,000/- but less than ` 10,000/- and so on upon a limit of ten days, which may be extended by Dy. Chief Engineer thinks fit to 'do so, for a contract over ` 10,000/- of the receipt by him of the notification of the acceptance of his tender) deposit with the Engineer/Architect in cash or Securities endorsed to Engineer/Architect (if deposited for more than 12 months) a sum sufficient which will make up the full security deposit specified in the tender or (B) Permit Maharashtra Medical Council at the time of making any payment to him for work done under the as per Memorandum on Page No. IV of all moneys so payable such deductions to be held by Maharashtra Medical Council by way of Security Deposit provided always that in event of the contractor depositing a lump sum by way of Security Deposit as contemplated at (A) above then & in such case, if the sum so deposited shall amount to 2% (two percent) of the total estimated cost of the work. It shall be lawful for MMC at the time of making any payment to the contractor for the work done under the contract to make up the full amount of 2% (Two percent) by deducting a sufficient sum from every such payment as last aforesaid until the full amount of Security Deposit is made up. All compensation or other sums of money payable by the contractor to MMC under the terms of this contract may be deducted from or paid by the sale of sufficient part of his Security Deposit or from the interest arising there from, or from any sums which may become due by sums of money payable by the contractor to Maharashtra Medical Council to the Contractor on any account whatsoever, and in the event of his security deposit being reduced by reason of any such deduction or Sale as aforesaid. the Contractor shall within ten days thereafter, make good in cash or Securities 'Endorsed in favour of MMC as aforesaid any sum or sums which may have been deducted from or raised by sale of his security deposit or any part thereof. The Security Deposit referred to when paid in cash may, at the cost of the depositor, be converted into interest bearing securities provided that the depositor has expressly desired this in writing. *Security Deposit. If the amount of the Security Deposit to be paid in lump sum within the period specified at (A) above is not paid the tender/ contract already accepted shall be considered as cancelled and legal steps taken against the contractor for recovery of the amount. The Security Deposit lodged by the Contractor shall be refunded after the expiry of Twelve months from the date on which the final bill is paid. In the event of the Contractor failing or neglecting to complete rectification work within the period upto which the Contractor has agreed to maintain the work in good order, then, subject to provision of Clauses - 17, the amount of Security Deposit retain by Maharashtra Medical Council shall be adjusted towards the excess cost incurred by the Department on rectification works. *The Security Deposit lodged by the contractor shall be returned to him on the expiry of the period of guarantee mentioned in Clause-20 after deducting there from the amount of expenses if any, due to MMC under this agreement.

CLAUSE - 2 : The time allowed for carrying out the work as entered in the tender shall be strictly observed by the Contractor and shall be reckoned from the date on which the order to commence the work is given to the Contractor. The work shall throughout the stipulated period of the contract proceed with all due diligence (time being deemed to be of the essence of the contract on the part of the contractor) and the contractor shall pay as compensation an amount equal to one percent or such smaller amount at the discretion of Deputy Chief Engineer, (whose decision in writing shall be final) may decide, of the amount of the estimated cost of the whole

work as shown in the tender for every Day that the work remains un-commenced, or unfinished, after the proper dates, and further to ensure good progress during the execution of the work, the Contractor shall be bound, in all cases in which the time allowed for any work exceeds one month to complete. 30% of the work in 25% of the time 60% of the work in 50% of the time 90% of the work in 75% of the time 100% of the work in 90% of the time and abide by the program of detailed progress laid by the Engineer/Architect. Compensation for delay In the event of the Contractor failing to comply with this condition he shall be liable to pay as compensation an amount equal to 0.1 percent or such smaller amount as the Deputy Chief Engineer (whose decision in writing shall be final) may decide of the said estimate cost of the whole work for every day that the due quantity of work remains incomplete, provided always that the total amount of compensation to be recovered under the provisions of this clause shall not exceed 5% of the estimated cost of the work as shown in the tender. Compensation for slow progress.

CLAUSE - 3 : In any case in which under any clause or clauses of this contract the contractor shall have rendered himself liable to pay compensation amounting to the whole of his security deposit (whether paid in one sum or deducted by installments) or in the case of abandonment of the work owing to serious illness or Death of the Contractor or any other clause, the Engineer/Architect on behalf of the MMC shall have power to adopt any of the following Clauses, as he may deem best suited in the interest of MMC. *Action when whole of security deposit is forfeited. (a) To rescind the contract (of which rescission notice in writing to the Contractor under the hand of the Engineer/Architect shall be conclusive evidence) and in that case the Security Deposit of the contractor shall stand forfeited and be absolutely at the disposal of Maharashtra Medical Council. (b) To carry out the work or any part of the work departmentally debiting the contractor with the cost of the work, expenditure incurred on tools & plants, and charges on additional supervisory staff including the cost of work charge establishment employed for getting the unexecuted part the work completed and crediting him with the value of the work done departmentally in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of contract. The certificate of the Engineer/Architect as to the costs and other allied expenses so incurred and as to the value of the work so done departmentally shall be final & conclusive against the main contractor or subsidiary agencies. (c) To order, that the work of the contractor be measured up and to take such part thereof, as shall be unexecuted to another contractor to complete in which case all expenses incurred on advertisement for fixing a new contracting agency, additional supervisory staff including the cost of work charged establishment and cost of the work executed through the new contractor shall be credited to the Contractor under the term office contract. The certificate of the Engineer/Architect as to all the cost of work and other expenses incurred as aforesaid for or in getting the unexecuted work done by the new contractor and as to the value of the work so done shall be final and conclusive against the main Contractor. In case the contractor shall be rescinded under clause (a) above, the contractor shall not be entitled to recover or be paid any sum for any work therefore actually performed by him under this contract, unless & until the Engineer/Architect shall have certified in writing the performance of the such work and the amount payable to him in respect thereof and he shall only be entitled to be paid amount so certified in the event of either of the course referred to in clauses (b) or (c) being adopted and the cost of the work executed departmentally or thereof through a new contractor and other allied expenses exceeding the value of such work credited to the contractors the amount of excess shall be deducted from any money due to the Contractor by MMC under the Contract or otherwise howsoever or from his Security Deposit

or the sales proceed thereof provided, however that the Contractor shall have no claim against MMC even if the certified value of the work done departmentally or through a new contractor exceeds the certified cost of such work and allied expenses; provided always that whichever of the three courses mentioned in clauses (a), (b) or (c) is adopted by the Engineer/Architect, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased, or procured any materials, or entered into any engagements, or made any advances on account of or with a view to the execution of the work or the performance of the contract.

CLAUSE - 4 : if the progress of any particular portion of the work is unsatisfactory, the Engineer/Architect shall notwithstanding that the general progress of the work is in accordance with the conditions mentioned in clause -2 be entitled to take action under clause - 3 (b) after giving contractor 10 days notice in writing. The contractor will have no claim for compensation, for any loss sustained by him owing to such action. Action when the progress of any particular portion of the work is unsatisfactory.

CLAUSE - 5 : In any case in which any of the portion of the work is unsatisfactory, the powers conferred upon the Engineer/Architect by clauses 3 & 4 thereof shall have become exercisable and the same shall not have been exercised, the non exercise thereof shall not constitute a waiver of any of the conditions thereof and such a power Contractor remains liable to pay compensation if action not taken 37 Construction Agency/S Ex.

Engr. shall notwithstanding be exercisable in the event of any future case of default by the contractor for which under any clause or clauses thereof he is declared liable to pay compensation amount to the whole of his Security Deposit and the liability of the contractor for past and future compensation shall remain unaffected, in the event of the Engineer/Architect taking action under sub-clause (a) or (c) of clause (3) he may, if so desires, take possession of all or any tools, plant, materials and stores in or upon the works or the site thereof or belonging to the contractor or produced by him and intended to be used for the execution of the work or any part thereof, paying or allowing for the same in account of the contract rate, or in the case of contract rates not being applicable at current market rates to be certified by Engineer/Architect whose certificate thereof shall be final. In the alternative the Engineer/Architects may after giving notice in writing to the contractor or his clerk of the work, foremen or other authorized agent required him to remove such tools, plant, materials, or stores from the premises within a time to be specified in such notice, and in the event of the contractor failing to comply with any such requisition the Engineer/Architect may remove them at the Contractors expense or sell them by auction or private sale on account of the contractor and at his risk in all respect, and the certificate of the Engineer/Architect as to the expenses of any such removal, and the amount of the proceeds and expenses of any such sale shall be final and conclusive against the contractor under clause 3 & 4 Power to take possession or require to removal of or sell Contractor's plant.

CLAUSE - 6 : If the contractor shall desire an extension of the time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Engineer/Architect before the expiration of the period stipulated in the tender or before the expiration of 30 days from the date on which he was hindered as aforesaid or on which the cause for asking for extension occurred, whichever is earlier and the Engineer/Architect may, if in his opinion, there are reasonable grounds for granting an Extension, grant such extension as he thinks necessary or proper. The decision of the Engineer/Architect in this matter shall be final. Extension of time limit.

CLAUSE - 7 : On completion of the work the contractor shall be furnished with a certificate by the Engineer/Architect (hereinafter called the Engineer-in-charge) of such completion, but no such certificate shall be given nor shall the work be considered to 'be complete until the contractor shall have removed from the premises on which the work shall been executed all scaffolding, surplus materials & rubbish, and shall have cleaned off dirt from all woodwork, doors, windows, walls, floor or other part of any building. In or upon which work has been executed, or of which he may have had possession for the purpose of subordinate until they have received the approval of the Executing the work, nor until the works shall have been measured by the Engineer in-charge or where the measurement have been taken by his charge, the said measurements being binding and conclusive against the contractor. If the contract of shall fail to comply with the requirements of his clause as to the removal of the scaffolding, surplus materials and rubbish and cleaning off 'dirt ' on or. before the date fixed for the completion of the work the Engineer/Architect may at the expenses of the contractor, remove such scaffolding, surplus material & rubbish & dispose off the same as he thinks fit and clean off such dirt as Final Certificate aforesaid and the contractor shall forthwith to pay the amount of all expenses so incurred, but shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any some actually realized by the sale thereof.

CLAUSE - 8 : No payment shall be made for any work estimated to cost less than Rupees one thousand till after the whole of the work shall have been completed and a certificate of completion given. But in the cases of works estimated to cost more than rupees one thousand, the contractor shall, on submitting a monthly bill therefore be entitled to receive payment proportionate to the part of the work then approved and passed by the Engineer/Architect whose certificate of such approval and passing of the sum so payable shall be final and conclusive against the contractor. All such intermediate payments shall be regarded as payment by way of advance against the final payments only and not as payments for work actually done and completed, and shall not preclude the Engineer/Architect from requiring any bad, unsound, imperfect or unskillful work to be removed or taken away and reconstructed or reduced performance of the contract or any part thereof in any respect of the erected, nor shall any such payments be considered as an admission of the accruing of any claim, nor shall it conclude, determine or effect in any other way the powers of the Engineer- in-charge as to the final settlement & adjustment of the accounts or otherwise, or in any other way very or effect the contract. Payment on intermediate certificate to be regarded as advances The final bill shall be submitted by the contractor along with a certificate from the concerned Ward Officer of the Municipal Corporation of the Greater Bombay (there in after referred to as 'the Corporation') to the effect that the Contractor has paid all the dues of the Corporation in respect of the work within one month of the date fixed for the completion of the work, otherwise the Engineer/Architect as to the final settlement and adjustment of the accounts or effect the contract. The final bill shall be submitted by the Contractor within one month of the date fixed for the completion of the work, otherwise the Engineer/Architect's certificate of the measurement & of total amount payable for the work shall be final and binding on all parties. The final bill shall not be payable until and unless the certificate referred to above is forwarded by the contractor as aforesaid. In any case even the dues of the Corporation if any shall be recoverable from any sum that may than or at any time, thereafter, become due by the Board to the Contractor under the Contract or any other Contract or transaction of any nature whatsoever or from him security deposit or the proceeds of sale thereof.

CLAUSE - 9 : The rates for several items of work estimated to cost more than 1000/- agreed to within, shall be valid only when the item concerned is accepted as having been completed fully in accordance with the sanctioned specifications. In cases where the items of the work are not accepted as not completed, the Engineer/Architect may make payment on account of such items at such reduced rates as he may consider reasonable in the preparation of the final or on accounts bills. Payment of reduced rates on account of item would not accepted as completed to be at the discretion of Engineer/Architect.

CLAUSE- 10 : A bill shall be submitted by the contractor each month on or before the date fixed by the Engineer/Architect for all work Bill to be submitted executed in the previous month, and the Engineer/Architect shall take or cause to be taken the requisite measurement. For the purpose of having the same verified and the claim, so far as it is admissible shall be adjusted, if possible within ten days from the presentation of the bill. If the contractor does not submit the bill within the time fixed as aforesaid, the Engineer/Architect may depute a subordinate to measure up the said work in the presence of the contractor or his duly authorized agent, whose countersignature to the measurement list shall be sufficient warrant, and the Engineer/Architect may prepare bill from such list which shall be binding on the Contractor in all respects monthly.

CLAUSE - 11 : The contractor shall submit all bills in the printed prescribed forms. The charges to be made in the bills shall always be entered at the rates specified in the tender or in the case of any extra work ordered in pursuance of these conditions, & not mentioned or provided for in the tender, at the rates hereinafter provided for such works. Bills to be on printed forms.

CLAUSE – 12 : The contractor shall execute the whole and every part of the work in the most substantial and work man like manner & both as regards materials and In every other respect in strict accordance with specifications. The contractor shall also confirm exactly, fully, and faithfully to the designs, drawings, and instructions in writing, relating to the work signed by the Engineer/Architect and lodged in his office and to which the contractor shall be entitled to have access for the purposes of inspection at such office or on the site of the work during office hours. The contractor will be entitled to receive three sets of contract drawing & working drawings as well as one certified copy of the accepted tender along with the work order free of cost. Further copies of the contract drawings, and working drawings, if required by him, shall be supplied at the rate of ` 150/- per set of contract and ` 50/- per drawing, except where otherwise specified. Works to be executed in accordance with specifications, drawings, orders etc.

CLAUSE - 13 : The Engineer/Architect shall have power to make any alteration in or additions to the original specifications, drawings, designs & instructions- that may appear to him to be necessary or advisable during the progress of the work and contractor shall be bound to carry out the work in accordance with any instruction in the connection which may be given to him in writing signed by the Engineer/Architect and such alteration shall not invalidated the contract & any additional work which the contractor may be directed to do in the manner above specified as part of the work shall be carried out by the contractor on the same conditions in all respects on which he agreed to do the main work and at the same rates as are specified in the tender for the main work. And if the Additional & altered work includes any class of work for which no rates is specified in this contract then such class of work shall be carried out at the rates entered in the Schedules of Rates of the Division or at rates mutually agreed upon

between the Engineer/Architect and the contractor, whichever are lower. If the additional & altered work, for which no rate is entered in the Schedule of being operated by the rates of Division is ordered to be carried out before the rates agreed upon, then the contractors shall, within 7 days of the date of receipt by him. Alterations in specifications and designs not to invalidate contracts. Rates for the work not entered in estimate for schedule of rates of the district of the order to carry out the work, inform the Engineer/Architect of the rate which it is his intention to charge for such class of work and if the Engineer/Architect does not agree to this rate he shall give notice in writing, be at liberty to cancel his order to carry out such class, be work and arrange to carry out it in such manner and he may consider advisable, provided always that if the contractor shall commence work or incur any expenditure in regards thereto before the rate shall have been mentioned as lastly herein before only be entitled to be paid, in respect of the work carried out or expenditure incurred by him prior to the date of the determination of the rate as aforesaid according to such rates or rates as shall be fixed by Engineer-in-charge. In the event of dispute, the decision of Dy. Chief-In-Charge of the Circle will be final. Where, however, the work is to be executed according to the designs, drawings & specifications recommended by the contractor & accepted by the competent authority the alteration about referred to shall be within the scope of such designs, drawings & specifications appended to the tender.

CLAUSE - 14 (A) : The time limit for the completion of the work shall be extended in the proportion that the increase in- its cost occasioned by alteration or additions bears to the cost of the original contract work & the certificate of the Engineer/Architect as to such proportion shall be conclusive. Extension of time in consequence of additions or alterations.

CLAUSE - 15 : If at any time after execution of the contract documents, the Engineer - in - Charge shall, for any reason whatsoever required the whole or any part -of the work, as specified in the tender, to be; stopped for any period shall or require the whole or part of the work to be carried out at all or to be carried out by the contractor, he shall give notice in writing of the fact to the contractor who shall thereupon suspend or stop the work, totally or partially as the case may be. in any case, except provided herein under, the contractor shall have no claim to any payment or compensation whatsoever on account of any profit or advantage which he might derived from the execution of the work, in full but which he did not so derived in consequences of the full amount of the work not having been carried out or on account of any loss than he may be out to on account of materials purchased or agreed to be purchased or for unemployment of labour recruited by him. He shall not also have any claim for compensation by reason of any alteration having been made in the original specifications, drawing, designs and instructions which may involves any curtailment as originally completed. Where however materials have already been purchased or agreed to be purchased by the contractor before receipt by him of the said notice. The contractor shall be paid for such materials at the rate determined by the Engineer in charge provided they are not in excess of requirement and are of approved quality and/or shall compensated for the loss, if any that he may be put in respect of materials agreed to be purchased by him, the amount of such a compensation to be determined by the Engineer in charge whose decision shall be final. If the contractor suffers any loss on account of his having to pay labour charges during period which the stoppage of the work has been ordered under this clause. The contractor shall on application be entitled to such a compensation on account of labour charges No claim to any payments or compensation for alteration in or restriction of work as the Engineer in charge whose decision shall be final may consider reasonable provided that the contractor shall not be entitled to such a

compensation on account of labour charges, if the opinion of the Engineer in charge the labour could have been employed by the contractor elsewhere for the whole or part of the period during which the stoppage of the work has ordered as aforesaid.

CLAUSE -16 : Under no circumstances whatsoever shall the contractor be entitled to any compensation from MMC on any account unless contractor shall submit a claim in writing to Engineer-in- charges within one month of the cause of such claim occurring. Time limit for unforeseen claims.

CLAUSE -17 : If any time before the security deposit is or any part thereof is refunded to the contractor, it shall appear to the 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 the materials of inferior quality or that any materials or articles provided by him for the execution of the work are unsound, or of a quality or inferior to that contracted for, or are otherwise not in accordance with the contract it shall be lawful for the Engineer/Architect 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/Architect in the written intimation aforesaid the contractor shall be liable to pay compensation at the rate of one percent on the amount of estimate for every day not exceeding ten days during which the failure so continues, and In the case of any such failure the Engineer/Architect may rectify or remove, and 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 respect of the contractor, should the Engineer/Architect consider that any such Inferior work or materials as described above may be accepted or made use of it shall he within his discretion to accept the same at such reduced rates as he may fix therefore. Action and compensation payable in case of bad work.

CLAUSE- 18 : All works under or In course of execution or executed in pursuance of the contract shall at all times be open to the inspection and supervision of the Engineer-in-charge and his subordinates and the contractor shall at all time during the usual working hours, and at all other times at which reasonable notice of the intention of the Engineer-in- charge or his subordinate to visit the work shall have been given to the contractor, either himself be present to receive orders and instruction, or have a responsible agent duly accredited in writing present for that purpose. Orders given to the contractor's duly authorized agent shall be considered to have the same force and effect as if they had been given to the contractor himself. Works to be open to inspection.

CLAUSE- 19 : The contractor shall give not less than five days, notice in writing to the Engineer/Architect or his subordinate-in-charge of the work before covering up or otherwise placing beyond the reach of measurement of any or work or in order that to reach any work or in order that the same may be measured and correct dimension thereof taken before the same is so covered up or place beyond the reach of measurement of any work without the consent in writing of the Engineer/Architect or his subordinate-in-charge of the work and if any work shall be covered up or place beyond the reach of measurement without such notice having been

given, or consent obtained, the same shall be covered at the contractor's expense, and in default there no payment allowance shall be made for such work or for the materials with which the same was executed. Contractor's responsible agent to be present Notice to be given before work is covered

CLAUSE -20 : If during the period of 6 months from the date of completion as certified by the Engineer/Architect pursuant to clause 7 of the contract or 6 months after commencing the work whichever is earlier in the opinion of Engineer/Architect the said work is defective in any manner whatsoever, the contractor shall forth on receipt of notice in that behalf from the Engineer/Architect duly commence execution and completely carry out at his cost in every respect all work that be necessary for rectifying and setting right defects specified there strictly in accordance with and in the manner prescribed and under the supervision of the Engineer/Architect In the event of the contractor failing or neglecting to commence execution of the said rectification work within period specified therefore in the said notice and or to complete the same as aforesaid as required by the said notice the Engineer/Architect may get the same executed and carried out departmentally or by any other agency at the cost of the contractor, the contractor shall forthwith on demand pay to the Maharashtra Medical Council the amount of sum costs charges expenses, sustained or incurred by the Maharashtra Medical Council of which the certificate of the Engineer/Architect shall be final and binding on the contractor such costs charge and expenses deemed to be arrears of land revenue aforesaid without prejudice to any other rights and remedies of the Maharashtra Medical Council the same may be recovered from the contractor as arrears of land revenue the Maharashtra Medical Council shall also be entitled to deduct from any amount which may then be payable or which may thereafter become payable the Maharashtra Medical Council by the contractor either in respect of the said work or any other work whatsoever or from the amount of the security deposit retained by the Maharashtra Medical Council contractor liable for Damage done and for imperfections for one Years after completion.

CLAUSE- 21 : The contractor shall supply at his won cost all material (except such special materials if any may in accordance with the contract be supplied from the Maharashtra Medical Council stores) plants, tools, appliances, implements, ladders, cordage tackle, scaffolding and temporary works requisite or proper for the execution of the work, whether in the original, altered or. substituted from and whether included in the specifications or other documents forming part of the contract or referred to in this condition or not and which may be necessary for the purpose of satisfying or complying with the requirements of the Engineer/Architect as to any matter as to which under this conditions he is entitled to be satisfied or which he is entitled to require together with carriage therefore to and from the work. The contractor shall also supply without charge the requisite Contractor to supply plant, ladders, scaffolding etc. and be liable for damages arising from non provision of lights, fencing etc. number of persons with the means and materials necessary for the purpose of setting out works, and counting weighing and counting assisting in the measurement or examination at any time and from time to time of the work or the materials. Failing this, the same may be provided by the Engineer/Architect at the expense of the contractor under the contract or from his security deposit of the proceeds of sate thereof, or of a sufficient portion thereof. The contractor shall provide all necessary facing and lights required to protect, the public from accident, and shall also be bound to bear the expenses of defense of every suit, action or other legal proceedings, that may be brought by any person for injury sustained owing to neglect of the above precautions, and to pay any damages and cost which may be awarded in any such suit, action

or proceeding to any such person, or which may with the consent of the contractor be paid for compromising any claim by any such person.

CLAUSE - 21 A. : The Contractor shall provide suitable scaffolds and working platforms, gangways, and stairways and shall comply with the following regulation in connection therewith.

- a)** Suitable scaffolds shall be provided for workmen for all work that cannot be safely done from a ladder or by other means.
- b)** A scaffold shall not be constructed, taken down, or substantially altered except
 - i.** Under the supervision of a competent and responsible person, and
 - ii.** As far as possible by competent workers possessing adequate experience in this kind of work.
- c)** All scaffolds and appliances connected therewith and all ladders experience in this kind of work.
 - i.** Be of sound material.
 - ii.** Be of adequate strength having regard to the loads and strains to which they will be subjected, and
 - iii.** Be maintained in proper condition.
- d)** Scaffolding shall be constructed so that no part thereof can be displaced in consequence of normal use.
- e)** Scaffolds shall not be over-loaded and as far as practicable the load shall be evenly distributed.
- f)** Before installing lifting gear on scaffolds special precaution shall be taken to ensure the strength and stability of the scaffolds.
- g)** Scaffolds shall be periodically inspected by a competent person.
- h)** Before allowing a scaffold to be used by his workmen the contractor shall whether the scaffold has been erected by his workmen or not take steps to ensure that it has complied fully with the regulations herein specified.
- i)** Working platform. Gangway, and stairways shall
 - i.** Be so constructed that no part thereof can sag unduly or unequally
 - ii.** Be so constructed and maintained having regard to the prevailing conditions so as to reduce as far as practicable risk of persons tripping or slipping, and
 - iii.** Be kept free from any unnecessary obstruction.
- j)** In case of working platform, gangway, working places and staircase at a height exceeding 3.00m. (to be specified)
 - i.** Every working platform and every gangway shall be closely boarded unless other adequate measures are taken to ensure safety.
 - ii.** Every working platform and gangway shall have adequate width and
 - iii.** Every working platform, gangway, working place and staircase shall be suitable fenced.

- k)** Every opening in the floor of a building or in a working platform shall, except for the time and to the extent required to allow access of persons or the transport or shifting of material be provided with suitable means to prevent the fall of persons or materials.
- l)** When the labourers are employed on a roof where there is a danger of falling labours from a height exceeding 2.00M suitable precaution shall be taken to prevent the fall of persons or materials. (To be prescribed)
- m)** Suitable precautions shall be taken to prevent persons being struck by articles which might fall from scaffolds or other working places.
- n)** Safe means of access shall be provided to all working platforms and other working places.
- o)** The contractor/contractors will have to make payment to the labourers as per the Minimum Wages Act.

Clause- 21 B: The contractor shall comply with the following regulations as regards the Hoisting appliances to be used by him :-

- a)** Hoisting machines and tackle, including their attachment, anchorage and supports shall.
 - i.** Be of good mechanical construction, sound material and adequate strength and free from patent defect and.
 - ii.** Be kept in good repair and in good working order
- b)** Every rope used in hoisting or lowering materials or as a means of suspension shall be of suitable quality and adequate strength and free from patent defect.
- c)** Hoisting machines and tackle shall be examined and adequately tested after erection on the site and before use and be re-examined in position at intervals to be prescribed by MMC.
- d)** Every chain, ring, hook, swivel and pulley block used in hoisting or lowering materials or as a means of suspension shall be periodically examined.
- e)** Every crane driver or hoisting appliance operator shall be properly qualified.
- f)** No person who is below the age of 18 (eighteen) years shall be in control of any hoisting machine, including any scaffold or give signals to the operator.
- g)** In the case of every hoisting machine and every chain, hooks shackle, swivel and pulley blocks used in hoisting or lowering or as a means of suspension the safe working load shall be ascertained by adequate means.
- h)** Every hoisting machine and all gear referred to in the proceeding regulation shall be plainly marked with the safe working load.
- i)** In the case of hoisting machine, a variable safe working load each safe working load and the conditions under which it is applicable shall be clearly indicated.
- j)** No part of any hoisting machine or of any gear referred to in regulation at above shall be loaded beyond the safe working load except for the purpose of testing.

- k)** Motors, gearing transmissions, electric wiring and other dangerous parts of hoisting appliance shall be provided with efficient safeguards.
- l)** Hoisting appliance shall be provided with such means as will reduce to minimum the risk of the accidental descent of the load.
- m)** Adequate precautions shall be taken to reduce to a minimum risk any part of a suspended load becoming accidentally displaced.

CLAUSE -22 : The contractor shall not set fire to any standing jungle, trees, brushwood or grass without a written permit from the concerned Engineer/Architect when such permit is given and also in all cases when destroying, cut or dug up trees, brushwood, grass etc. by fire the contractor shall take necessary measure to prevent such fire spreading to otherwise damaging surrounding property. The contractor shall make his own arrangements for drinking water for the labour employed by him.

CLAUSE -23: Compensation for all damage done intentionally or negligently by the contractor's labour workmen, servant and agents whether in or beyond the limits of the MMC property entrusted to the contractor by the Board either for repairs or reconstruction purpose including any damage caused by the spreading of the fire mentioned in clause 22 above shall be estimated by the Engineer/Architect and approved by the boards officer and such estimates shall subject to the decision of the officer of the MMC if any on appeal shall be final and binding on the contractor shall forthwith on demand by the board in that behalf pay to the Board the amount of compensation assessed failing which the same will be recoverable from the contractor in the manner prescribed in clause I or deducted by the board from any sums that may be than due are at any time thereafter become due by the board the contractor under this contract or any other contract or transaction of any nature whatsoever or from his security deposit or the proceeds of sale thereof or sufficient portion thereof. The contractor shall also bear and pay all the cost charges and expenses that may be Liability of contractor for any damage done in or outside work area sustained or Incurred by the board of any incident to defending any action or other legal proceedings that may be brought the Board any injury sustained by him/her owing to failure to take precaution which should be taken during progress of the work or owing carelessness during the execution of the work or owing to the contractor not having taken precaution on to prevent the spread of fire.

The contractor shall also bear any pay the damages and the cost that may be awarded by the court to such person in consequence thereof indemnity and self indemnified the Board from and against the same.

CLAUSE - 24 : The contract shall not be assigned or sublet without the written approval of the Engineer/Architect. And if the contractor shall assign or sublet his contract, or attempt to do so or become insolvent or commence any proceeding to get himself adjudicated an insolvent or attempt to do so, or if make any composition with the creditors or attempt to do or if any bribe, gratuity, gift loan requisite reward or advantage, pecuniary or otherwise, shall either directly or indirectly by given, promised or offered by the contractor or any of his servants or agent to any public officer or person in the employment, of MMC in any relating to his office or employment, or if any such officer or person shall become in any way directly or indirectly interested in the contract, the Engineer/Architect may there-upon by notice in writing rescind

the contract, and the security deposit of the contractor shall thereupon stand forfeited and he absolutely at the disposal of Maharashtra Medical Council and the same consequence shall ensure as it the contract had been rescinded under clause 3 hereof and in addition the contractor shall not be entitled to recover or be paid for any work there before actually performed actually under the contract. Work not to be sublet Contract may be rescinded & scrutiny deposit for subletting it without approval or for bringing public officer or it contractor becomes insolvent.

CLAUSE - 25 : All sums payable by a contractor by way of compensation under any of these conditions shall be considered as a reasonable compensation to be applied to the use Maharashtra Medical Council without reference to the actual loss or damage sustained, and whether any damage has or has not been sustained. Sum payable by way of compensation to be considered as reason-able compensation without any reference to actual loss.

CLAUSE - 26: In the case of tender by any change in the constitution of a firm shall be forthwith notified by the contractor to the Engineer-in- charge for his information. Changes in the constitution of firm to be notified.

CLAUSE - 27: All work to be executed under the contract shall be executed under a direction and subject to the approval in all respects of the Deputy Chief Engineer of the circle for the time being, who shall be entitled to direct at what point or points and what manner they are to be commenced and from time to time carried on. Work to be Under Direction of Deputy Chief Engineer.

CLAUSE - 28 : Except where otherwise specified in the contract and Work under direction of the subject to the powers delegated to him by Maharashtra Medical Council under the Board rules then in force the decision of the Officer of the Maharashtra Medical Council for the time being shall be final, conclusive and binding on all parties to the contract upon all the questions relating to the meaning of the specifications, designs drawing and instructions here in before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right matter, or thing whatsoever, in any way arising out of, or relating to the contract designs drawings specification, estimates, instructions, orders or these conditions, or whether arising, during the progress of the work or after the completion or abandonment thereof. Deputy Chief Engineer to be final.

CLAUSE - 29 : When the estimate on which a tender is made includes lump sum in respect of parts of the work the contractor shall be entitled to payment in respect of the items of work involved or the part of the work in question at the same rates as are payable under is contract for each item as if the part of the work in question not in the opinion of the Engineer/Architect capable of measurement, the Engineer/Architect may at his discretion pay the lump sum amount entered in the estimate, and the certificate in writing of the Engineer/Architect shall be final and conclusive against the contractor with regards to any sum or sums payable to him under the provision of this clause. Lump sum estimates.

CLAUSE - 30 : In the case of any class of work for which there is no such specifications as mention in Rule 1, such work shall be carried out in accordance with the Divisional specifications, and in the event of there being no Divisional specification then in such case the work shall be carried out in all respect in accordance with the instruction and requirements of the Engineer/Architect. Action where no specifications.

CLAUSE - 31 : The expression "works" or "work" where used in these conditions, shall unless there be something in the subject or context repugnant to such construction, be construed to mean the work or works contracted to be executed under or in virtue of the contract, whether temporary or permanent and whether original, altered substituted or additional Definition of work.

CLAUSE - 32 : The percentage referred to in the tender shall be deducted from or added to the gross amount of the bill before deducting the value of any stock issued. Contractor's percentage whether applied to net or gross amounts of Bill.

CLAUSE - 33 : The contractor shall be responsible for and shall pay any compensation to his workmen payable under his Workmen compensation Act. (VIII of 1923), (hereinafter called the said Act.) for injuries caused to the workmen. If such compensation is payable/ paid by Maharashtra Medical Council as principle under sub-section (1) of section 12 of the said Act on behalf of the contractor it shall be recoverable by Compensation to his workmen's compensation act Maharashtra Medical Council from the contractor under sub-section (2) of the said section. Such compensation shall be recovered in the manner laid down in clause 1 above.

CLAUSE - 34(A) : The contractor shall be responsible for and shall pay the expenses of providing medical aid to any workmen who may suffer a bodily injury as a result of an accident. If such expenses are incurred by Maharashtra Medical Council, the same shall be recoverable from the contractor forthwith and be deducted without prejudice to any other remedy of Government from any amount due or that may become due to the contractor.

CLAUSE - 34(B): The Contractor shall provide all necessary personal safety equipment and first aid apparatus available for the use of the persons employed on the site, shall maintain the same in condition suitable for immediate use at any time shall comply with the following regulation in connection therewith.

- a) 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.
- b) When work is carried on in proximity to any place where there is a risk of drawing, all necessary equipment shall be provided and kept ready for use and all necessary steps shall be taken for the prompt rescue of any person in danger.
- c) Adequate provision shall be made for prompt first-aid treatment of all injuries likely to be sustained during the course of the work.

CLAUSE - 34(C): The Contractor shall duly comply with the provision of the Apprentices Act, 1961 (III of 1961) the rules made there under and the order that may be issued from time to time under the said Act & Rules or on his failure to neglect to do so he shall be subject to all liabilities & penalties provided under the said Act.

CLAUSE - 35 : The contractor shall employ any famine, convict or other labour of a particular kind or class if ordered in writing to do so by the Engineer/Architect. Employment of famine etc. labour.

CLAUSE - 36 : No compensation shall be allowed for any delay caused in the starting of the work on account of acquisition of land or in the case of clearance works, on account of any delay in according sanction to estimates. Claim for compensation for delay in the starting of work.

CLAUSE - 37 : No compensation shall be allowed for any delay in the execution of the work on account of 7 water standing in borrows pits or compartments. The rates are inclusive for hard or cracked soil excavation in mud, sub-soil water or water standing in borrow pits and no claim for an extra rate shall entertained, unless otherwise expressly specified. Claim for compensation for delay in the execution of work.

CLAUSE - 38 : The contractor shall not enter upon or commence any portion of work except with the written authority and instructions of the Engineer/Architect of his subordinated-in-charge of the work. Failing such authority, the contractor shall have no claim to ask for measurements of or payment for work. Entering upon or commencing any portion of work.

CLAUSE - 39 : Sub-Clause VI the contractor shall provide drinking water facilities to the workers. Similarly, amenities shall be provided to the worked engaged on large work in urban areas.

No contractor shall employ any person who is under the age of 18 years.

No contractor shall employ donkeys or other animals with breaching of string or thin rope. The breaching must be at least three inches wide and should be of tape (Nawar)

No animal suffering from sores, lameness or emaciation or which is immature shall be employed on the work.

The Engineer/Architect or His Agent authorized to remove from the work any person or animal found working which does not satisfy these condition and no responsibility shall be accepted by Maharashtra Medical Council for any delay caused in the completion of the work by such removal.

The contractor shall pay fair and reasonable wages to the workmen employed by him in the contract undertaken by him. In the event of any dispute arising between the contractor and his workmen on the ground that the wages paid are not fair and reasonable the dispute shall be referred without delay to the Engineer/Architect who shall decide the same. The decision of the Engineer/Architect shall be conclusive and binding on the contractor but such decision shall not in any way affect the conditions in the contract regarding the payment to be made by Maharashtra Medical Council at the sanctioned tender rates.

Contractor shall provide drinking water facilities to the workers. Similar amenities shall be provided to the workers engaged on large work in urban areas. Minimum age of persons employed, the employment of donkeys & other animals and payment of fair wages.

CLAUSE - 40 : Payment to contractor shall be made by R.T.G.S contractor should provide their Bank details such as Account no, Method of payment, Name of Bank, Branch, IFSC, Agency Name etc.

CLAUSE - 41 : Any contractor who does not accept these conditions shall not be allowed to tender for works. Acceptance of conditions compulsory before tendering of work.

CLAUSE - 42 : If the Government declares a state of scarcity or famine to exist in any village situated within 10 miles of work, the contractor shall employ upon such parts of the work, as are suitable for unskilled labour, any person certified to him by the Engineer/Architect may have delegated this duty in writing to be in need or relief and shall be bound to pay to such persons wages not below the minimum which Maharashtra Medical Council may have fixed in this behalf. Any disputes which may arise in connection with the Implementation of this clause shall be decided by the Engineer/Architect whose decision shall be final and binding on the contractor. Employment of scarcity labour.

CLAUSE - 43 : The rate to be quoted by the contractor must be inclusive of all levies taxes and duties and sales tax. No extra payment on this account will be made to the contractor. The tendered rates shall be inclusive of all tax leviable in respect of work contract under the provision of the Maharashtra Sales Tax on transfer of property in goods involved in execution of works, contract Act (Maharashtra Act xix of 1985 – Turn Over Tax)

CLAUSE - 44 : In case of materials that may remain surplus with the contractor from those issued for the work contracted for, the date of ascertainment of the materials being surplus will be taken as the date of sale for the purpose of sale tax and the sale tax will be recovered on such sale.

CLAUSE - 45 : The Contractor should as far as possible obtain required skilled & unskilled labour from the nearest Employment Exchange. Provided however, that if the required number of unskilled labours from that district is not available the contractor shall in the first instance employ such number of persons as is available and thereafter may with previous permission in writing of Engineer/Architect/Architect of the said work, obtain the rest of his requirement of unskilled labour from outside the district.

CLAUSE - 46 : The Contractor shall duly comply with all the provisions of the contract Labour (Regulation and Abolition) Act-1970 (37 to 1970) and the Maharashtra Contract Labour as amended from time and all other relevant states and statutory provisions concerning payment of wages particularly workmen employed by the contractor and working on the site of work. In particular, the contractor shall pay wages to each worker employed by him on the site of work at the rates prescribed under the Maharashtra Contract Labour (Regulation and Abolition) Rules 1971; If contractor fails or neglects to pay wages at the said rates or makes short payment the Govt. makes such payment of wages in full or part thereof less paid by the contractor as the case may be the same as such from the contractor or deduct the same from the amount payable to him by the MMC.

CLAUSE- 47 : All the tests as specified by the Board authorities for the testing the quality, strength & soundness of particular components and building structure as whole will have to be carried out by the contractor to the entire satisfaction of the Board's authorities and at the Contractor's cost. This will include load test if required on each floor.

CLAUSE- 48 : The testing of materials to be used on work on site to be tested in specified laboratory as mentioned by the Board, are required to be carried out to ascertain the Contractor's risk and cost.

CLAUSE- 49 : The contractors shall take out necessary insurance policy / policies (viz. Contractor All Risk Insurance Policy, Erection All Risks Insurance Policy etc.) so as to provide adequate insurance cover for execution etc.

CLAUSE- 50 : The contractor should note that for this work, there may be third party inspections and audit in addition to regular inspections by Vigilance & Quality Control Cell of MMC. The contractor will have to give all cooperation for this third party as per order of MMC during inspection of work and making available record as may be asked for.

CLAUSE - 51 : The contractor shall strictly adhere to the quality of material to be used during the construction. The contractor shall use those materials specified and approved by the Engineer in Charge for the purpose of construction. During the course of construction, Engineer/Architect in Charge of the construction or by the application of any person under Right to Information Act-2005 a sample of materials being used on the site can be taken as per the procedure prescribed by the MMC for laboratory testing. In clause 3, if it is found that material being used is not as per specification or not as per the quality the contractor shall be made liable to pay the compensation and contractor shall also be liable for replacement of the entire material, which was found defective during the course of inspection of report of laboratory test. The contractor shall also reimburse all the expenses, which are required to be paid to the person applying under Right of Information Act-2005. The decision of the MMC in this respect shall be final and binding on the contractor.

CLAUSE - 52 :

Settlement of Disputes and Arbitration : Except where otherwise provided in the contract all questions, disputes relating to the meaning of the specifications, design, drawings and instructions herein before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions orders or these conditions or otherwise concerning the work of the execution of failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter :

- i) If the contractor considers that he is entitled to any extra payment or compensation in respect of the works over and above the amounts admitted as payable by the Architect or in case the contractor wants to dispute the validity of any deductions or recoveries made or proposed to be made from the contract or raise any dispute, the contractor shall forthwith give notice in writing of his claim, or dispute to the Registrar, Maharashtra Medical Council (MMC) and endorse a copy of the same to the Architect, within 30 days from the date of disallowance thereof or the date of deduction or recovery. The said notice shall give full particulars of the claim, grounds on which it is based and detailed calculations of the amount claimed and the contractor shall not be entitled to raise any claim nor shall the MMC be in any way liable in respect of any claim shall have been given by the contractor to the Registrar, Maharashtra Medical Council / in the manner and within the time as aforesaid. The contractor shall be deemed to have waived and extinguished all his rights in respect of any claim not notified to the Registrar, Maharashtra Medical Council in writing in the manner and within the time aforesaid.

- ii) The Registrar, Maharashtra Medical Council, shall give his decision in writing on the claims notified by the contractor. The contractor may within 30 days, of the receipt of the decision of the Registrar, Maharashtra Medical Council, submit his counter claims to the Registrar, Maharashtra Medical Council.
- iii) If the conciliation proceedings are terminated without settlement of the disputes, the contractor shall within a period of 30 days of termination thereof shall give a notice to the concerned Registrar, Maharashtra Medical Council for appointment of an arbitrator to adjudicate the notified claims failing which the claims of the contractor shall be deemed to have been considered absolutely barred and waived.
- iv) Except where the decision has become final, binding and conclusive in terms of the contract, all disputes or differences arising out of the notified claims of the contractor as aforesaid and all claims of the MMC shall be referred for adjudication through arbitration by the Sole Arbitrator appointed by the Registrar, Maharashtra Medical Council. It will also be no objection to any such appointment that the Arbitrator so appointed is a Registrar and that he had to deal with the matters to which the Contract relates in the course of his duties as Registrar. If the arbitrator so appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed in the manner aforesaid by the said Registrar, Maharashtra Medical Council. Such person shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

It is a term of this contract that the party invoking arbitration shall give a list of disputes with amounts claimed in respect of each dispute along with the notice for appointment of arbitrator.

It is also a term of this contract that no person other than a person appointed by such Registrar, Maharashtra Medical Council as aforesaid should act as arbitrator. The conciliation and arbitration shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act 1996 or any statutory modification of re-enactment thereof and the rules made there under. It is also a term of the contract that if any fees are payable to the arbitrator these shall be paid equally by both the parties. However, no fees will be payable to the arbitrator if he is a Registrar. It is also a term of the contract that the arbitrator shall be deemed to have entered on the reference on the date he issues notice to both the parties calling them to submit their statement of claims and counter statement of claims. The venue of the arbitration shall be such place as may be fixed by the arbitrator in his sole discretion. The fees, if any of the arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each of the parties. The cost of the reference and of the award (including the fees, if any of the arbitrator) shall be in the discretion of the arbitrator who may direct to any by whom and in what manner, such costs or any part thereof, shall be paid and fix or settle the amount of costs to be so paid.

SECTION 4

ADDITIONAL GENERAL CONDITIONS OF THE CONTRACT

Name of Work : Redeveloping (Interior And Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011.

1. The preference in respect of specifications mentioned, in case of any discrepancy or difference of contradiction will be in the following manner :-
 - i. Specifications indicated specifically for the items of schedule 'B' as shown against each Item.
 - ii. Book of standard specifications (Red Book)
 - iii. I. S. Specifications.
 - iv. Any other specifications mentioned.
2. The work of extra items shall not be carried out by the contractor unless ordered in writing by the Engineer/Architect. It shall be Contractor's responsibility to get the rate of such extra items fixed from the Engineer/Architect within seven days of the receipt of such orders, in case of the failure of the contractor to get the rates fixed as mentioned above within the specified period, the rates that may be fixed by the Architect shall be binding on the Contractor.
3. Scope of work includes civil as well as electric work. The Contractor shall engage an authorised & experienced Engineering supervisor for the civil work, capable of managing & guiding the work. Also for electric work, licensed electric engineer shall be appointed. Their name and detail shall be informed to Engineer/Architect in charge, before starting the work. He must possess sufficient knowledge of Civil Eng. work. He shall take such order as may be given to him by the Engineer/Architect from time to time and shall be responsible for carrying them out faithfully. Also the contractor shall make himself aware of departmental procedure right from acceptance of tender to payment of final bill including interim payment.
4. The contractor shall also have an office within the work site area, where notices from the Engineer/Architect may be served, and the office shall be kept open from the hours of sunrise to sunset on all working days. A clerk or some authorized person shall always be present at such office, upon whom such notices may be served & serving of any notice left with such a clerk or the representative in such office shall be deemed to have been validity served upon the contractor for all purposes.
5. A Triplicate book shall be maintained on the work and the contractor or his authorized representative shall sign the orders given by Engineer/Architect and shall carry them out properly & promptly. In case the contractor continues to indulge in doing the work contrary to the instructions given to him, as incorporated in the work order book or given in writing by separate communications, shall be doing so entirely at his risk and costs & the Engineer/Architect or his authorized representative have the right to stop such work and get the same dismantled at the contractor's risk & cost. The contractor shall be held responsible for the delay of execution of work on this account and shall bear all other consequences arising out of non compliance of the order given in time.
6. The contractor

shall have to clear the entire site before the work is commenced, without any extra cost. The clearance of the site includes removal of grass, trees, vegetation, boulders and extra earth at site, in order to level down the site as required. The extra earth which may thus be obtained would be deposited or disposed of as directed by Engineer/Architect, without claiming anything extra. The contractor shall make his own arrangement for preventing flood water or tide water entering the area of work, causing damage of any work. Approach upto the site of work is also to be prepared by the contractor.

6.

- i. The contractor shall provide adequate storing space for receiving cement brought by him as Non Schedule -A item from the open market and he shall for the purpose provide a store (godown) which shall have adequate storage capacity. The cement shall be stored as per instructions issued in booklet of the Associated Cement Company and the Engineer in charge of works and the key of the one lock shall be with the Contractor and that of other being with the Engineer in charge or his authorised representative.
- ii. The Contractor in addition to the required stores and other structures required for work, shall provide & construct suitable temporary office building for the engineer in charge and his staff representative, as directed by the Engineer / Architect.

7. The contractor is to set out the level for all works and shall be responsible for the accuracy of the same. He shall provide necessary sight rails etc., as directed by the Engineer/Architect. Any defective or inaccurate setting out or deviation from sanctioned plan, shall be rectified at his risk and cost. The Contractor shall provide good leveling instruments and staff for use on work.
8. Before purchasing any material for the execution of and utilization in the work, the contractor shall get the brand and sample approved from the Engineer in charge. Secured advance on materials or the usage of these materials on the work is allowed if the test results are satisfactory. In the event of failure to do so, work carried out with such unapproved materials, will be liable to be rejected and responsibility for the same shall be solely that of the contractor.
9. The contractor shall have to pay all the deposits and payments, to all the concerned authorities for execution of all the items of the work under this contract and payments shall not be recoverable from MMC as to facilitate the refund of such deposits or payments by the authorities concerned excluding road cutting / reinstatement charges.
10. Notwithstanding to what is stated in clause 5 of the printed conditions of contract, the Engineer/Architect shall have the power to take possession of all the materials, tools, and plants etc. in possession of the contractors available on site of work at the time of action, irrespective of the fact whether the whole or a part of the aforesaid materials, tools, plants etc. is intended to be used on the work or not. The Engineer/Architect shall further have the power to auction the same, in case the contractor fails to make good his liabilities after due notice is given to him. Any amount that may have to be spent in safe guarding the materials till the final accounts are settled, shall also be recovered from the contractors due. Such dues shall be payable on the date of intimation given by the Engineer/Architect to the contractor.

11. The rates quoted in the Tender applied to all the details described for the items in the Schedule-B and in the specifications, notes or in any other part of tender. The item shall be treated as completed item payable at Tender Rates, nothing extra being payable separately on any account.
12. It shall be the sole responsibility of the contractor to abide by the rules & regulations of minimum wages act in respect of maintaining registers etc. about attendance, wages, holidays etc. of the labourers employed by him. The department in no way shall be responsible for any deviation and for negligence of the contractor in complying with the above requirement.
13. Whenever any claim against the contractor, for the payment of a sum of money arises, out of or under the contract, MMC will be entitled to recover such sum or sums by appropriating in part or whole the security deposit of the contractor and to sell any Government Promissory Notes etc. forming the whole or part of the security. In the event of the security deposit being insufficient, or if no security has been taken from the contractor then the balance of the total sum recoverable as the case may be, shall be deducted from any such amount that is due or which at any time thereafter may become due, from the contractor under this or any other contract with MMC. Should this amount not be sufficient to cover this full amount recoverable, the contractor shall pay to the MMC on demand the/balance remaining due. In case a particular person was partner in a firm against when the MMC has a claim, and if the same partner joins another firm then the amount due from the partner according to his share of interest in the former firm shall be recoverable from his share of interest in the subsequent firm.
14. MMC shall have right to cause any audit and technical examination of the works and final bills of the contractor, including all supporting vouchers, abstracts etc. to be made after the payment of the final bills and if, as a result of such audit & technical examinations any sum is found to have been overpaid in respect of any work done by the contractor under the contract & any work claimed to have been overpaid in respect of any work done by the contractor under the contract and found not have been executed by the contractor, the contractor shall be liable to refund the amount of over payment and it shall be lawful for MMC to recover the same from him in the manner prescribed below, or this clause or any other manner legally permissible and if it was found that the contractor in respect of any work executed by him under it, the amount of such under payment shall be duly paid by the MMC to the contractor be entitled to payment of any sum paid short where as such payment has been agreed upon between the Engineer/Architect provided further that no payment of any sum paid short shall be made, where such payment of any under payment has remaining undiscovered or unclaimed for a period of 3 years after the date of payment of final bill. The contractor shall have to pay all dues or recoveries that may be pointed out by the audit during the post audit of the final bills. Subsequent to the refund of full amount of the security deposits, for this the contractor shall if so desired sign as indemnity bond on stamp paper at the time of refund of full amount of security deposit.
15. The contractor shall give full access and co-operation to any officer authorized by for inspection of work, checking of cement account etc. The lapses observed shall be promptly completely compiled with by the contractor.

16. For all works in this contract, where the cement is to be used, the same shall be used in bags, taking each bag as 1.18 Cu. ft. (33.42 litres) in volume and such kind of bag shall be assumed to weigh 50 kg net.
17. Sand and coarse aggregate shall be taken in measuring boxes. The size of boxes shall be got approved from the Engineer/Architect.
18. The contractor shall give hydraulic & smoke test for the work of all A.C. pipes & fittings and glazed stoneware pipes as directed, without any extra cost to MMC.
19. After the completion of the job, the contractor shall remove forthwith all the serviceable materials from site of work and all unserviceable debris shall be removed from site of work & disposing of the same at dumping ground, of M.C.G.M. on payment to M.C.G.M. as per requirement of M.C.G.M. or any dumping point as certified by M.C.G.M. & as directed for which no extra claim shall be entertained, unless provided elsewhere.
20. For R.C.C. work, reinforcement and concrete work shall be paid separately unless specified otherwise. The mode of measurement shall be as per Red Book (Latest edition).
21. All the materials required for work shall confirm to the relevant latest I.S. specifications and as amended from time to time as mentioned below:-
 - A) Brick : IS-1077/1966 if IS bricks are used
 - B) Sand : IS-383-1970 & IS-542-1959
 - C) Coarse Aggregate : IS - 383 -1970 & IS - 542 - 1959
 - D) Teak Wood : IS-889-1966 & IS-287-1970
 - E) Structural Steel : IS-226-1962 & IS- 800 - 1962
 - F) Paints : Relevant IS-105 to 163-1950
 - G) Stone : IS-1124-1957 / 383-1970
 - H) Cement : IS-8112-1989 & 269-1998,12269-1987IS-1237-1980
 - I) Steel : IS - 432 - 1982 & IS - 1786 - 2008 & IS - 226

And for all other items the latest I. S. codes shall be followed.

22. The contractor shall engage the requisite number of trade apprentices, as per the Apprentice Act 1961. He shall also follow the Rules of the Act. The contractor shall comply with the provisions of the Apprentice Act - 1961 and the rules and the orders issued there under from time to time. If he fails to do so, his failure will be breach of contract and MMC may at discretion cancel the contract. The contractor shall also be liable for primary liability, arising on account of any violation of provisions of the act by him.
23. Whenever live water or drainage pipelines are found within the working area, such pipe lines shall have to be removed and realigned and re-laid (laid as directed). In such cases, payment of realignment will only be made. This work will have to be done during the non peak load in case of drainage lines and non supply hours in case of water supply pipe lines.
24. The contractor shall obtain necessary license for engaging the labourers for the work from licensing office of the jurisdiction as required, as per Contract Labour Regulation & Abolition Act, 1970.

25. The contractor should take 'Janata Insurance Policy' so as to cover the compensation claims, arising out of Workman's Compensation Act. 1923 before starting the work and get the revalidation of the same from time to time. In case of failure, the necessary amount shall be deducted from the R.A. bills of the contractor & further necessary action shall be taken.
26. The contractor shall chalk out phased program in CPM/ PERT chart for the progress of work and submit the same to the Board through the Architect for approval and such approved program, so phased shall be strictly adhered to. This approved program shall be displayed at the site office.
27. The contractor may have to arrange temporary electric connection for the work at his cost, if required.
28. The contractor should specifically note that the site may be given in few or more phases as per site conditions and separate claim for the same will not be considered.
29. The contractor shall clear off the site debris & unused materials and also clear all temporary shed, structures constructed at site, if any for the purpose of the constructions. The work shall not be deemed to be completed unless the condition is complied with and the Security Deposit of the contractor will also be liable to be forfeited in case non compliance of these conditions of the contract.
30. The contractor is binding for protection of consumer right, for complaints/ grievances of prospective allottees' as per the Consumers Protection Act. 1986. As such, contractor should take utmost care for using standard quality materials.
31. In case of failure on the part of the contractor to comply with any of the instructions given in the notes under the bid, the Engineer/Architect shall be at liberty to get the work done at the risk and cost of the contractor, and deduct necessary amount from his bills or other dues.
32. The samples of each class of materials shall be got approved prior to actual use and satisfactory test for the work and materials, shall be given by the Contractor at his own cost, as directed by Engineer/Architect and if he considers that the materials should be got tested from Government Laboratories, the Contractor shall have to bear all charges for the same. The samples of all building materials are to be tested as per relevant I.S. Specifications.
33. The Tendered rates shall be inclusive of all taxes, rates and cases and royalties shall also be inclusive of taxes leviable in respect of work contract under the provision of Maharashtra VAT on transfer of property in goods involved in the execution of VAT Act 2002.
34. Whenever bricks are to be purchased and procured by the Contractor for use in the work, the same shall be approved patent and kiln burnt and in standard available size, they shall be of uniform size and confirm to standard specifications.

35. Where not specifically mentioned in the description of the respective items or their corresponding specifications, the following proportions shall be used for items of work involving use of cement. a) Cement mortar for masonry except half brick masonry 1:6 b) Cement plaster 1: 4 for inside c) Cement plaster 1:3 for outside d) Cement concrete bedding for foundation 1: 4: 8 e) Cement concrete for flooring 1: 2: 4
36. Where not specifically mentioned in the respective items and specifications and drawings, thickness of following items on work shall be as follows:
- a) Cement plaster 13 mm thick inside 19 mm thick outside.
 - b) Cement concrete bedding 120 mm thick.
 - c) Brick bat concrete bedding 120 mm thick.
37. The contractor bidding for the work is expected to inspect the work site, and appraise himself about ground feature, levels ravines water courses etc.
38. Every endeavor shall be made to give clear possession of the site in one lot, and if, it is not possible to do so, the possession shall be in different lots, for this delay no claim shall be entertained. However, on such account, necessary extension of the contract period may be considered on application from the contractor at the right time. The Contractor shall show satisfactory progress, where clear possessions of site is given and in case of delay, action shall be taken as per contract.
39. All items of work shall be completed and thoroughly finished in workmanlike manner, as per direction of the Engineer/Architect or his representative, before the work is handed over.
40. According to the provisions of weights & measures Act, 1965, all stipulations have been made in Metric system only and whenever the corresponding equivalent figures in the British unit have been given, the same should be taken for general guidance. All the materials etc., required for the work wherever possible, shall be provided in the Metric units only. However, no extra payment or reduction in rate shall be considered whatsoever, where the materials or items are provided in British units for little variation than the exact equivalent of what has been stipulated in the Metric system in the tender document.
41. The contractor, in order to have quality assurance and proper systematic record, shall purchase the printed copy of the "Site Register" available with controller of stores or with the Engineer/Architect in charge or any other authorities of MMC as the case may be, at the cost of 300/- or the prevailing cost per copy at the time of purchase & make available to the Engineer/Architect in charge of work or to his authorized subordinate at work site, for proper & systemic maintaining, recording & entering the required information in the said printed Site Register. The Site Printed Register shall be furnished to the Architect for observation & recording order/ instructions, if any. As far as possible & whenever applicable all the site instructions, record of testing of various materials & their consumption is to be recorded and entered in the same printed Site Register at proper place & prescribed information given in the register.
42. In case of, dispute arising out of conversation of Metric units or vice versa the stipulation made in the corresponding Indian Standard Specifications for the materials or the items or N. B. O. Hand Book for building Engineers, in metric system shall be final.

43. All item of work incidental to main work shall be completed & thoroughly finished in workmanlike manner, as per direction of Engineer in charge or his representatives before the work is handed over.
44. Even after the issue of acceptance letter or work order in favour of contractor he/they shall not be entitled to claim any compensation from MMC for loss, if any on account of work getting stopped at any stages because of any unforeseen reasons.
45. The payment shall be made for the contract work as per actual work executed, basis on presentation of computerized bill in required format in five sets by the contractor.
46. The tenderer shall note that only 95% payment of payable amount will be released after completion of all items of work in all respect. Balance 5% payment shall be kept as retention money which shall be released after only 6 months defect liability period after completing the works and handing over charge to the MMC.
47. Quantities of all items provided in the schedule –(BOQ) of work may not be required to be executed and it may vary depending on the site conditions. The contractor shall not be entitled for any compensation or claim on this account unless specified in writing. Before starting the work contractor shall consult with the site Engineer and shall take actual measurement on the site for procurement of material.
48. The contractor shall procure all materials required for the work from the approved manufacturer/s with ISI certificates and according to M.C.G.M. specifications wherever applicable.
49. All materials required for the work can be stacked near site of work in such a manner so as not to cause any inconvenience to the pedestrian and vehicular traffic. If no space is available on site, then contractor shall make his own arrangement for stacking of materials. No extra payment shall be made on this account.
50. No extra payment for carrying the materials by any means, from the stored place to work site shall be considered under any circumstance.
51. Supply/ fabrication of MS/CI/DI/MDPP pipes shall confirm to relevant I.S. specifications. The contractor should carry out fabrication works in a licensed factory.
52. The work shall have to be carried out as per the Municipal specification & requirement and as directed by Engineer in charge. The rates specified against the items includes all the expenses by way of Municipal charges it required to be paid, all type of testing by Municipal Corporation, restoration of roads, redoing damages good and all incidental expenses.
53. The contractor shall be able to demonstrate the conformity of C.I./ D.I. pipes & fittings as per the technical requirement of I.S. Standard at the manufacturing place/ in the factory during manufacturing process of pipes/ fittings and carrying out of various tests. 66 Construction Agency/S Ex. Engr. In case certain testing facilities are not found adequate/ available at manufacturer's work place, then the samples shall be got tested through any Govt. approved Laboratory or M.C.G.M.'s Laboratory.

54. The contractor shall have to submit all the relevant latest I.S. Codes / documents/ certificates to the MMC authorities as and when required. The tenderer will have to supply full technical literature from the suppliers from whom they intends to purchase the equipment's/ machinery/ materials etc.
55. The contractor shall ensure that structural steel of approved standard manufacturers like TISCO, IISCO, SAIL, etc. or any other ISI approved and embossed steel be only brought to site for use in structural steel work. Any other structural steel shall be considered in exceptional case only with its prior testing in the recognized approved laboratories like VJTI, IIT, MMC, PWD, Govt. Engineering colleges, etc. and results are found satisfactory. Tests shall be as per requirement of IS-226-1962 and 800-1962 or any other guidelines already prescribed by MMC Testing charges and charges towards transportation loading/ unloading etc. shall be borne by the contractor.
56. Contractor shall provide various notice boards and proper barricade to the work, wherever necessary on site in order to avoid occurrence of untoward incidents.
57. Precautionary measure shall be taken to avoid any accidents/ mishap during the execution of work. All the safety measures shall be taken. Necessary signboards shall be provided as per the instruction of Engineer/Architect.

PERFORMANCE GUARANTEE BOND
(TO BE EXECUTED ON STAMP PAPER OF ` 500/-)

In consideration of MAHARASHTRA MEDICAL COUNCIL having its registered office at _____, MUMBAI-400011 (Hereinafter referred to as 'MMC') which expression shall unless it be repugnant to the context or meaning awarded to M/S. _____ firm carrying in a such name and style the business of _____ (here in after referred to as the 'Contractor' which expression shall, unless it be repugnant to the context or meaning thereof, include its partners or partner/ proprietor for the time being or its surviving partner or his heirs and executors) for carrying out the work

_____ and estimated cost of Rs. _____ and compliance with one of the terms and conditions of the said contract. I/We M/s. _____ being the Contractor, do hereby agree and undertake and indemnify and save harmless the 'MMC' in consequence of the manufacturing defect, latent manufacturing defect and construction defect found in water proofing work at any time in a period of 3 (three) years commencing with the completion certificate by the 'MMC' to the Contractor in accordance with the subject of provision of said Contract. It is hereby agreed and declared that the Registrar of 'MMC' or any officer acting as such Registrar of 'MMC' shall be the Competent Authority to be decided upon the question as to the defect in water proofing work and the remedy to be applied by the Contractor for their rectification at his cost and his decision shall be final, conclusive and binding upon both the MMC and the Contractor, provided that the Engineer/Architect MMC shall so decide after giving an opportunity to the Contractor to represent his case.

I/We hereby agree and undertake irrevocably and unconditionally to carry out duly each and every decision, order, direction or instruction as may be issued by the said Registrar or as the case may be, the officer of the 'MMC' in this behalf and to rectify properly and promptly and defect found by him.

FOR & ON BEHALF OF M/S.

SECTION 5
ADDITIONAL SPECIFICATIONS FOR CONSTRUCTION WORK

Name of Work : Redeveloping (Interior And Construction) Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011

1. MATERIALS FOR THE CONCRETE WORK: These specifications shall apply where practicable to all sections of the contract.

- (a) Cement :** Cement shall be obtained only from approved manufacturers and shall conform in every respect with the relevant Indian Standard specifications for \ 'Portland Cement' Quick setting cement shall not be used without the permission in writing from the Engineer. The contractor shall supply free of charge a signed certificate for the manufacturer of the cement with each consignment slating the results of the tests and recording the date of grinding, and they shall also produce invoices of cement received at the works. If the cement arrives at the works without such a certificate the Engineer shall be entitled to refuse to accept it. If certificate shows the cement to be inferior to that specified or if the Engineer shall have any doubt as to the cement complying with the specifications the cement may be delivered but shall be stored at a separate place. If shall be used only with the written permission of the Engineer pending investigations & decision as to whether the cement complied with the specifications. The cement shall be delivered in properly sealed bags bearing the name, brand and stamp of the manufacturers if shall be delivered ready for immediate use and may be used directly from the bags. The whole of the cement shall be stored in a godown or a warehouse which shall fully protect the cement from the weather effects. The said warehouse shall be provided by the contractors with a solid impervious floor so that cement shall not come in direct contact with the ground. The Engineer's shall from time to time, at his option, get tested the samples of cement at contractor's cost, in the Govt. recognized Laboratory, and the consignment of cement which will not stand the required test, shall be rejected.
- (b) Sand :** The sand to be used in the mixing -concrete of for mortar shall be clean and gritty and composed of hard coarse, siliceous grains or other materials approved by the engineer which shall be free from clay or any vegetable, animal, bituminous or other bituminous or their deleterious matter. All sand shall be cleaned thoroughly by washing it in flowing water so as not to leave any dirt or foreign matter within it, Sand having a silt content in excess of 5% shall be rejected and shall not be used without rewashing on site to the satisfaction of the Engineer.
- (c) Coarse Aggregates:** The coarse aggregate shall pass through a mesh 2.50cm. (1") square, measured in the clear and shall be retained on 6 mm. (1/4") mesh. No hand broken metal shall be used for RCC work.
- (d) Water:** The water for mixing mortar, concrete work shall be clean & potable & should be free from earth vegetation or any other organic matter.

Inspection of Works

Temporary openings shall be provided at the base of columns and wall forms and other places necessary to facilitate cleaning and inspection. Immediately before concrete is placed all forms shall be carefully inspected to ensure that they are properly placed, sufficiently rigid and tight, thoroughly cleaned, properly treated and free from foreign material.

When forms appear to be unsatisfactory in any way either before or during the placing of concrete, the Architect shall order all work stopped until the defects have been corrected.

k) Joints

Joints in forms shall be horizontal or vertical unless otherwise specified and shall be sufficiently tight to prevent any leakage. Suitable devices shall be used to hold adjacent edges together in accurate alignment. All forms shall be so, that they can be removed without hammering or playing against the concrete.

l) Tolerances

In accordance with IS : 456.

m) Age of Concrete at Removal of Formwork

In accordance with IS : 456.

The Architect may vary the periods specified in IS : 456 if he considers it necessary. Immediately after the forms are removed, they shall be cleaned with a jet of water and a soft brush.

2. Specification for Structural Steel Work

Providing structural steel work in single stanchions composed of RSJ, channel, etc. with caps, bases, mild steel plates, angle brackets, cleats, gusset plates, anchor bolts etc. as per detailed designs and drawings or as directed including cutting, fabricating, hoisting, erecting, fixing in position, making riveted / bolt / welded connections and painting complete.

Structural steel shall conform to I.S. 226 or 1962, I.S. 2062 - Grade A, ST 42.S or I.S. 1977 of 1962 ST 420 and ST 420 and SR 320. Wherever steel is supplied by contractor, he shall on demand produce the test certificate from manufacturers. Steel for windows, ventilators shall be conforming to IS 226 of 1962.

Bolts and nuts shall confirm to IS 1363 and 1367, unless noted otherwise shop welds shall be 6 mm. continuous fillet welds and site welds shall be 8 mm. continuous fillet welds, welding shall confirm to IS : 816 / 9595 and unless otherwise specified Gusset plate shall be minimum 8 mm. thick, length of inclined members and sizes of gusset plate shall be obtained by full scale layout. Tolerances for fabrication of steel structure shall confirm to IS 7215. Surface preparation and finishing shall be as specified in drawings / items / description / technical specification / I.S.I. Codes. Bolts holes shall be as follows :

BOLT DIA:	12	16	20	22	25
HOLE DIA:	13.50	17.50	21.50	24	27

Splicing, if required, shall be as per approved details.

Shop drawings : The contractor shall prepare shop drawings for the structural steel work to be executed as per I.S. 800-1962 at his cost. The contractor shall submit the drawings in triplicate to the Architect for this approval. No fabrication shall be taken in hand until the relevant shop drawing have been approved by the Architect. However, the contractor shall remain wholly responsible for their correct conformation to design and for accurate fabrication to meet the requirements of design and the Indian Standard. One copy of the drawing duly approved shall be carried out according to the approved design.

Fabrication : Fabrication shall be done as per IS 800-1962.

Recommended Sequence of Erection Procedure for Roof Trusses

Columns shall be bolted firm on to the foundations if they are in structural steel.

Start Truss erection from one of the gable ends.

After erection of gable truss, secure the truss in position by holding down bolts and tie it up with steel guy ropes two on either side of the building columns, but to separate anchors, driven firm into the ground.

Erect the next truss adjacent to the gable truss and secure it well to the gable truss by connecting all purlins and wind bracings at tie level and rafter level before releasing the truss from erection tackles.

Erect the next truss only after completing the activity in four above and connect to the previous truss through alternative purlins, if not all.

Continue the procedure in five above for the successive trusses.

After all trusses are erected, install remaining purlins, bracings and align them.

After, all alignment is complete, grout the columns / trusses with specified grout.

The single stanchion shall be fixed in the required positions accurately vertical or with the inclination as shown in the drawing or as directed. Any connections like angle brackets, cleats, gusset plates, anchor bolts, mild steel bearing plates with beams, foundations or other members shall be as shown in the drawings or as directed by the Architect. The steel work shall be painted with one coat of red lead oil paint and two coats of oil paint of shade approved by the Architect and conforming to the relevant Indian standard.

The item shall include supply, fabrication and erection in position at site of all structural steel sections of the required dimensions and labour, material, and use of equipment required for all operations of fabrication, hoisting, erection and satisfactory completion of the item.

Item shall also include labour, materials and use of equipment required for painting the structural steel work.

The item shall include besides the rolled sections of stanchion, all structural steel in connections like brackets, anchor bolts, angle, cleats, mild steel plates gusset plates, rivets, bolts etc. fully erected and painted.

Mode of measurement and Payment : In the case of rolled sections lengths shall be measured correct to a cm. and weight calculated on the standard weight per metre tabulated in the I.S.I. Hand book for structural steel sections, limited to the length shown on the plans correct up to 0.10 of a kg. weight of steel plates of each thickness shall be calculated separately on the basis of actual shape provided without taking into account wastage or cut off. In case of bolted work, weight of bolts, nuts and washers shall be added in full and no deduction shall be made for bolt holes. In riveted work only the weight shall be allowed in welding work due to welding.

Even though any steel satisfies the tensile strength test requirement, bend- rebend and any other test requirement, including weight etc., it will not be allowed to use it, if it reveals that any bar in the lot, is out of geometrical parameters in all respects as piping, slag inclusion, overlapping cracks, etc. The contractor has to immediately remove such rejected steel from the site, at his own risk and cost.

3. a) Grout

Cement used for grouting shall conform to relevant IS specification.

Aggregates used for grouts shall conform to the requirements as per IS specification.

Water for mixing grouts shall conform to the requirements as per IS specification.

Expanding grout Admixtures shall be used in the grout, subject to the approval of the Architect. Accelerators shall not be used. Admixtures may only be added to the grout used for filling sealed encapsulations and anchorage covers.

4. Specification for Water Proofing

General

The work of waterproofing described in the following items should be carried out by the contractor through reputed specialist waterproofing agencies using cement water proofing compounds, as approved by the Architect and as specified in the Schedule of items.

The Contractor should give with his tender detailed specifications for each item of waterproofing item works to be executed according to the specifications of the specialist agency he proposes to employ, for approval.

The contractor should give a guarantee for minimum period of 3 years and / or stated in for all the items of waterproofing done. During the guarantee period the contractor will be responsible to rectify any defect at his own cost to maintain the work in waterproof condition. The Waterproofing contractor will also have to make good all the surroundings disturbed by him during the rectification work at his own cost. The form of written guarantee shall be on legal stamped agreement acceptable to the Owner.

The contractor should provide and install at his own cost the following for his own use and remove the same after completion of work.

Sufficient pumps (electrical / diesel operated) for watering and curing of work at any level in the building. Curing for all items shall be carried out for minimum 14 days.

Temporary M.S. Water storage tanks.

Temporary G.I. piping and fittings for waterlines.

Flexible hose lengths.

Cement Godown, Site office.

Injections wherever required, have to be undertaken by the contractor free of cost.

Before starting waterproofing, the surface receiving treatment is to be cleaned properly.

Item of water proofing as given in schedule applied to all positions and in all floors and at all Height-Lift of material will not form any criteria for extra payment.

For reference of contractor, guide-line Specification for water proofing are attached according to which the water proofing work shall be carried in addition to the detailed specifications for each item of water proofing the specialist agency proposed as mentioned above.

5. Toilet

Cleaning the surface to the satisfaction of the site engineer and Architect or his Representative

Giving a coat of wash mixed with cement with minimum of 2% water proofing compound.

Providing 30 mm. thick waterproof treatment in 1:3 cement mortar mixed with minimum 2% water proofing compound to the bottom of toilet floors.

Providing 25 mm. thick cement mortar mixed with 2% water proofing compound as water proof treatment to the walls of toilets upto the height of one meter above the finished floor level.

Grouting the mouths of inlets and outlets.

Filling sunk portion with brickbats including water proof mortar and the top surface left rough to form a key for tiles.

6. Epoxy Painting

Material

Ready mixed paint of approved brand and manufacture conforming to relevant IS Codes shall be used. The primer shall be preferably of the same brand and manufacturer. Ready mixed paint as received from the manufacturer without any admixture shall be used and if for any reason thinning is necessary, the brand of thinner shall be as per manufacturer's instructions.

Preparation of Surface

Concrete/Plastered Surface

The concrete/plastered surface shall be made free from laitance and salt deposits and other contaminates. All loosely bonded mortars, dust/other particles are fully removed before the painting is applied.

Steel Surface

Grease, oil and other contaminates shall be removed from steel surfaces. The steel surface shall be cleaned from loose rust by manual wire brushing or blasting and to be thoroughly dusted down. The surface shall be cleaned and dried before application of the paint.

Precautions

Use of the paint within the stipulated pot life period.

Do not apply during rain, fog or mist.

Brushes and spray equipment should be cleaned with thinner.

The application of paint shall be as per the manufacturer's printed instructions.

7. Aluminium Doors, Windows, Ventilators, Wall Spans, Louvers, Partitions And Curtain Walling

a) General

All the work of aluminium doors, different types of windows such as casement windows, two track, three track, four track sliding windows, ventilators, projected windows, wall spans, louvers, partitions and curtain walling and all aluminium works including all accessories such as automatic door closers, handles, handrails, hasp and staple, latches, tower bolts, all types of hinges, peg-stay, weather stripping, rollers, etc. shall be done absolutely as per specifications and requirements as described in all the items from 14.1 to 14.4 mentioned below in this section without any extra cost and the contractor will not be paid extra whatsoever.

These shall be obtained from approved and established manufacturers and of the aluminum alloy used in the manufacture of extruded section for doors, windows, walls spans, louvers, partitions and curtain walling, etc. confirming to IS : 733 and sections shall confirm to IS : 1948. The frame work, styles, mullions, beadings, transoms, hinges, handles, etc. shall be of aluminum anodized section as per detailed drawings. The peg stays shall be approved quality heavy duty aluminum. All fixed, sliding, opening frames, etc. shall be constructed of sections which have been cut to length, mitred and welded / riveted at the corners sub-dividing bars of units shall be tenoned and riveted into the frames. Where hollow sections are used with welded joints, argon welding or flush butt welding shall be employed. All welding shall not be on exposed sides so that pitting, discoloration and other surface imperfections after finishing are prevented. The handle shall be mounted on a handle plate welded or riveted to the opening frames. All aluminum fabrication work shall be anodised to the British Standard 1616: 1961 to give an anodized film of 25 microns. The stay arm shall be 300 mm. long or as required complete and shall have holes for keeping the shutter open in at least three different positions.

All types of shutters shall be fabricated, supplied and fixed as specified in the IS : 1948.

The doors shall be fabricated by using standard aluminum alloy extruded sections as specified in IS : 1948. The rate shall include supplying and fixing fittings and fixtures including approved locking arrangement as directed.

Specification of Aluminum Sections to Be Used for Aluminum Doors, Windows and Partitions, Curtain Walls

The contractor shall prepare detailed fabrication drawings of all aluminum doors and windows without any additional cost & well get it approved from the Architect before procuring the sections.

The fabrication drawings should show the proper alignment and assembly of all sections, with weight of each section and total weight calculation. Only the aluminum section of prescribed make as Jindal and Jindal should be used. When the sections of particular weight as given in Schedule 'B' are not available or discontinued in manufacture, then those new series will be allowed, while deducting or considering the amount of decrease or increase of weight of section @ rate of Rs. 140/- per Kg. However, the contractor needs to submit all the details of fabrication with old & new section with total calculation of weight above work need to be done. Contractor shall provide the sample free of cost for approval.

The minimum acceptable weight factor of the aluminum sections to be used for fabrication of all Aluminum Doors, different types of windows, partitions shall be as follow. The section shall be of Jindal or of Indal and as approved by the Architect. A sample of typical window, Door partitions shall be submitted for approval of the Architect along with literature and weight factor of each aluminum section to be used in fabrication. The weight factor shall be certified by the manufacturer. The Architect shall allow the contractor to use the Aluminum sections brought on site only on checking whether the actual weight is as per the prescribed weight.

The accessories to be used for all aluminum doors, windows and partitions shall be as follow. All the accessories as mentioned below shall be of good quality and bronze anodised or powder coated of samples as approved by the Architect.

a) AUTOMATIC DOOR CLOSER	Make as given in the approved list of materials or other make approved by architect.
b) HANDLE	Make & pattern as approved by the Architect.
c) HANDRAILS	Minimum weight factor 1.307 Kg. / R. Meter and of Jindal make or as approved by the Architect.
d) HASP AND STAPLE	Minimum weight factor 2.310 Kg. / R.Meter and of Jindal make or as approved by the Architect.
e) LATCHES	Minimum weight factor 1.304 Kg. / R. Meter and of Jindal make or as approved by the Architect.
f) TOWER BOLTS	0.640 Kg. / RM.

b) Hinges

Hinges shall be of minimum weight factor 0.80 Kg. and Lift-off / Butt / Sliding hinges working on Nylon bushes.

4 bar S.S. Hinges shall as prescribed and approved by the / Architect to be used for TOP / Side projected windows.

Hinge taper leg shall be of minimum weight of 0.847 Kg.

Flat leg hinges shall be of weight 1.593 Kg.

c) Peg Stay

The peg bar shall be of minimum of 25 mm. X 3 mm. thick aluminium sheet with required joints, hinge arrangement, etc.

d) Tower Bolt

The tower bolt shall be minimum weight factor of 0.640 Kg. /M. The first closing shutter shall be provided with 2 tower bolt concealed type.

e) Weather Stripping

Each shutter shall be provided with 2 rows of PVC / neoprene performed profile inserted into extruded pockets in the sections to ensure each unit being absolutely waterproof even during heavy monsoon / rain.

f) Locking

Self Locking catch shall be as prescribed and approved be fitted in vertical section of the shutter of window.

g) Rollers

The shutters shall be provided with roller bearing encased in Nylon casing which roll on the tracks of bottom section of the outer frame and shall be as prescribed and approved by Architect.

SECTION 6
LIST OF APPROVED MATERIALS

Name of Work : Renovation Works of the Maharashtra Medical Council Office Premises at
189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W),
Mumbai 400 011

SR. NO.	MATERIAL	APPROVED MANUFACTURERS / SUB-CONTRACTORS / SUPPLIERS
1.	Cement (Grey)	Ultratech, Birla Super, Orient Gold, Birla Gold or equivalent
a)	Approved grade of OPC conforming to IS standard	L & T's Ultratech, A.C.C., Ambuja or equivalent
b)	Blast Furnace slag cement conforming to IS Standard	Indorama, A.C.C., Grasim or equivalent
2.	White Cement	Birla, JK or equivalent
3.	Sand	River sand to be used from the location approved by the Architects.
4.	Reinforcement steel	
a)	T.M.T./High strength corrosion resistant bars conforming to IS: standard as approved.	Tiscon – TMT 42 – CRS or equivalent Sail TMT – 415-HCR or equivalent RINL-TMPG-415-HCR or equivalent
b)	Cold Twisted bars conforming to IS: standard as approved.	Sail, TATA, RINL or equivalent
c)	MS Bars conforming to IS : standard as approved. Structural Steel conforming to IS : standard as approved.	SAIL, TATA, RINL or equivalent SAIL, TATA or equivalent
5.	Water-proofing	CICO, ACCO, FOSROC, STP, Dr. Fix-it, Pidilite, Roff or equivalent or equivalent
6.	Tile adhesive cement and joint filling compound	Bal Adhesives, Roff or equivalent
7.	Glazed Tiles	H & R Johnson, RAK, NITCO or equivalent
8.	Vitrified Tiles	H & R Johnson, RAK, NITCO or equivalent
9.	Ceramic Tiles	H & R Johnson, RAK, Somani or equivalent
10.	Calcium Silicate Board	HILUX or equivalent
11.	Composite Marble	Classique, NITCO or equivalent

	HARDWARE/PAINT/PLYWOOD	
12.	Paint-Acrylic emulsion	ICI, Nerolac, Asian Paints. or equivalent
13.	Paint Distemper	Asian, British Paint, ICI or equivalent
14.	Textured Paint (Acrylic)	Asian, Pidilite indust, Spectrum or equivalent
15.	WP Cement Paint	Snowcem, Durocem, Pidilite Rain coat. or equivalent
16.	Fire Retardant Paint	Noble, Shalimar, MRF or equivalent
17.	Locks	Godrej, Vijayan, Door-set or equivalent
18.	Handles (for storage doors and flush doors)	Neki, Hafeles, Door-set or equivalent
19.	Medium density Fiber board (Exterior Grade)	Century, Anchor or equivalent
20.	Laminate	Green Lam, Merino, Formica, Royal Touch, Centaury or equivalents.
21.	Plywood / Block board – Marine ply	Indian Plywood manufacturing Company Ltd., Anchor brand, Century, Green ply, Archid ply, Vasai Timber, Mayur etc., or equivalents.
22.	Veneers	Jalaram, Timber, Anchor, Vasai Timber, Mayur or equivalent
23.	Wood preservative	Term seal by Pest Control India, Bison by British paints. or equivalent
24.	Floor spring / door closer / Patch fittings	Dorma, Kich / Neki, equivalent Everite, Hardwyn, Hammco, Efficient
25.	Mirror / Glass	Float glass India, Modiguard, Saint Gobain. or equivalent
26.	Ordinary/ float glass	Float glass India, Modiguard, Saint Gobain, TATA, Asahi or equivalent
27.	Screws	G.K.W., Nettlefold or approved equivalent
28.	Hinges / K.D. fittings / drawer channels	Hafeles, Ebco, Jamnagar or equivalent
29.	Polishes	Asian, Goodlas Nerolac, Pidilite or equivalent
30.	Silicon sealant	Dow Corning or equivalent
31.	Aluminum sections	Jindal or equivalent

32.	Aluminium Doors/Windows	Made in Jindal, Godrej, Geeta Aluminium or equivalent.
33.	Flush door	Anchor, Century, Kenwood or equivalent
34.	Waterproofing Agency	India waterproofing Co. Ltd., Likproof India Pvt. Ltd., Nina Industries, Pidilite (Dr. Fixit) waterproofing Co. or equivalent
35.	Frosting film	3M or approved equivalent.
36.	Vertical blinds	Vista, Hunter Douglas, Mac, Arolux or equivalent
37.	Roller Blinds	Vista, Hunter Douglas, Arolux or equivalent
38.	Acoustical false ceiling	Armstrong, India Gypsum or equivalent
39.	Chemical Resistant Epoxy Floor Coating	Krishna Conchem, Vantico (CIBA), Shalipoxy FC, Choksey, Chemitex. or equivalent
40.	Antitermite Treatment	Pest Control (I) Ltd., Express Pesticide Corpn. Elite Corporation. or equivalent
41.	Steel Fire Proof Door	Navair, Godrej, Guadian or equivalent
42.	PVC Conduits	Precisian, Asea, Finolex or equivalent
43.	Gypsum Board	India Gypsum Co. Ltd., & equivalents

SECTION 7 ARCHITECTURAL DRAWINGS

Name of Work : Renovation Works of the Maharashtra Medical Council Office Premises at 189-A, Anand Complex, 2nd floor, Sane Guruji Marg, Arthur Road Naka, Chinchpokli (W), Mumbai 400 011

Approx area of work : ~2981 sq.ft.



- GENERAL NOTES :**
1. Written dimensions are to be followed. The drawing is not to be scaled.
 2. Any discrepancy in the drawing should be brought to the notice of the architect immediately, and prior to commencing any work from this drawing.
 3. Any addition or alteration to this drawing should not be made without the written consent of the architect.
 4. All work shall be executed in accordance with the best practices to relevant Indian standard codes of practice.
 5. Construction from these drawings is subject to all statutory approvals.
 6. This drawing must be read in conjunction with other architectural drawings, interior landscape & utility drawings. Indicated all levels are finished.
 7. Contractor & engineer shall check & verify all dimensions & level before execution of the work & bring to the notice of the architect any discrepancy.

CLIENT :
MAHARASHTRA MEDICAL COUNCIL

FIRE
CONSULTANT:

ELECTRICAL
CONSULTANT:

MEAC
CONSULTANT:

CHECKED

APPROVED

PROJECT :
INTERIOR WORKS FOR MAHARASHTRA
MEDICAL COUNCIL

TITLE :
INTERIOR LAYOUT

SCALE: A1, T.S.
DATE: 04/09/2023

REV: OPT-08
REV: DOWN: VIKARY
REV: CHECKED: BY:

KAUSHIK MISTRY &
ASSOCIATES, MUMBAI
ARCHITECT & INTERIOR DESIGNERS
C/26, BELL HEAVEN, FLAT 07, FIRST FLOOR, LIC
COLONY, BORIVALI WEST, MUMBAI 400 153.
Phone: +91 9820244944 / 9820278864.
E-mail: kmistry1379@gmail.com

Technical Bid Form

Sr. No.	Particulars	To be filled by the Bidder
1.	Name of the Contractor/Company/Firm	:
2.	Address of Registered Office/Head Office: (With telephone no.)	:
3.	Contact Person/Mobile No.	:
4.	Email address	:
5.	Year of Establishment	:
6.	Constitution of the Firm: (Public Ltd./Private Ltd./Partnership/ Proprietorship, etc.)	:
7.	Name of the Proprietor/Partners/ Directors: (Strike out whichever is not applicable)	:
8.	PAN card No.	:
9.	GST Registration No.	:
10.	Annual Turnover of the firm during the last financial year.	:
11.	Details of EMD (amount, bank, demand draft/ date, etc.)	:
12.	Details of Cost of Bid Document (amount, bank, demand draft/ date, etc.)	:

Signature of the Tenderer

Name :

Designation:

Seal/Rubber Stamp:

Financial Bid Form

PROPOSED OF CIVIL, FURNITURE, ELECTRICAL, AIR CONDITIONING, PAINTING & ALLIED WORK OF MMC ANNEX AREA OFFICE PREMISES					
NO.	ITEM OF WORK	QTY.	UNIT	RATE	AMOUNT
A	FURNITURE WORK				
1	FULLY GLAZED ENTRANCE DOORS	120	SQ.FT.		
	Providing and fixing frameless fully glazed 12 mm thk toughened glass door fixed with necessary patch fittings (Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to accommodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items as per instructions of Architect. Guest House ent.-1 & Office Area-2-Total 03 No. Doors				
2	FLUSH DOORS	3	NOS.		
	Providing and fixing solid doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make and finished with 1mm thick approved laminate on both sides. The edges finished with lipping with polish / enamel paint. Rate shall include approved door closure, door stopper, a pair of handles 9" SS Brushed finished, 5" hinges 4 Nos., buffers, tower bolts, etc. with necessary hardware items.-Guest House Rooms				
3	SLIDING FLUSH DOOR	1	NOS.		
	Same as per item no.02 but Sliding Flush Door for Guest Room area entry from office with approved make fittings & Fixtures				

4	PARTLY GLAZED PARTITION WITH DOOR IN LAMINATE FINISH	450	SQ.FT.		
	Providing and fixing partly glazed full height partitions as per drawing made out of frame 50 x 50mm size Aluminium sections sections @ 600mm c/c both ways Horizontally & Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. The framing shall be finished with 8 mm thk. glass panel including 08 mm thk. Commercial plywood panelling on both sides with approved laminate 1mm thick including 25 x 12.5 mm teak wood beading. The skirting should be as per approved laminate as per drawing and direction, The rate is including all necessary fitting and fixtures gluing material and other hardware including cleaning, etc. complete.-Meeting Room				
5	LOW HEIGHT PARTLY GLAZED PARTITION IN LAMINATE FINISH	300	SQ.FT.		
	Same as per item No 04 but of height 4 feet to 5 feet between work stations				
6	DEAD PARTITION IN LAMINATE FINISH-BETWEEN OFFICE & GUEST ROOM	650	SQ.FT.		
	Providing and fixing dead partition low height & full height as per drawing made out of frame 50 x 50mm size Aluminium sections sections @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. The framing shall be finished 08 mm thk. Commercial plywood panelling on both sides with approved laminate 1mm thick including 25 x 12.5mm teak wood beading. The skirting should be as per approved laminate as per drawing and direction, The rate is including all necessary fitting and fixtures gluing material and other hardware including cleaning, etc. complete.				
7	ROCK WOOL FOR PARTITION FOR SOUND PROTECTION	650	SQ.FT.		
	Providing and fixing affix 50mm thick rock wool of density 48kg/m3 blanket wrapped in RP tissue suitably affixed to partition framework using where necessary GI binding wire, duct tape. all complete as per architectural drawing. Rate shall include necessary approved hardware items including all materials and labour etc. complete as per detail instruction of Architect				

8	COLUMN / WALL PANELLING WITH LAMINATE FINISH	1500.00	SQ.FT.		
	Providing & fixing panelling to the column as per drawing made out of frame 50 x 50mm size Aluminum sections @ 600mm c/c both ways Horizontally and Vertically with 6 mm thk. Commercial Plywood with 1 mm thk laminate of approved shade. The skirting should be as per approved laminate as per drawing and direction, The rate is including all necessary fitting and fixtures gluing material and other hardware including cleaning, etc. complete.-All columns, manager cabin & customer area walls as per plan/instructions.				
9	COLUMN / WALL PANELLING MDF/PVC SHEET FINISH	450.00	SQ.FT.		
	Same as above but PVC/MDF Sheet panelling with framing of approved make-size-design				
10	OFFICE WORK STATIONS/ TABLES - 4'0" X 2'6"	24.00	NO.		-
	Providing Executive Table with keyboard Facility of size 4'0" x 2'6" as per design on site, in 19 mm thk. Commercial plywood frame work finish with 1 mm thk laminate 1 no. Shelf for CPU to be provided below the desk as shown in the drg. All the inner surfaces shall be finished with 1mm thick white laminate. 1no. Computer key board tray as per architects design using 19mm thk Commercial ply base and 25 x 50mm round edged moulding on the front fixed with telescopic/double approved sliders.A drawer unit as shown in the drg shall be provided. 3 nos of drawers with 1.0 mm. Thk. Laminate shall be provided. Height of drawers shall be 100mm, 100mm and 280mm. Drawer shall consist of 12mm thk.Commercial Ply sides, back and 6mm thk. Commercial Ply base. Facia of drawers shall be of 19mm thk. Commercial Ply finished in 1.0 mm. Thk. Laminate and with a wooden moulding on top/bottom edge for handle. Each drawer shall slide on a pair of telescopic drawer sliders. The inside portion of draws to be finished with 0.8 mm thk white laminate. Rate shall be inclusive of all necessary approved fittings like locks for drawers and any miscellaneous hardware items. -				-
11	OFFICER/IN CHARGE TABLE WITH SIDE CREDENZA	1.00	NOS.		
	Same as above but Table of Size 5'-0" x 2'-6" for Incharge cabin with Side Credenza of Size 5'-0" x 1'-6"				

12	STORAGE LOW HT & FULL HT	400.00	SQ.FT.		-
	<p>Providing and fixing storage units of full/ low height as per drwng. They shall consist of 18mm thk. Commercial ply top, sides, bottom, shelves and shutters & 6mm thk Commercial ply for back. The bottom of the storages shall be at 75mm from FFL. The shutter with box type hinges of approved make & teak lipping finished with melamine with approved laminate on all the shutter edges. Division of the shutters shall be made equally according to the length of the storages. All the external surfaces shall be finished with 1.0mm thk. Laminate of approved make. 18mm thk. Commercial Ply shelves at 16" interval (approximately / divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters. Rate shall be inclusive of all necessary approved fittings like hinges, locks, 150mm long SS brushed finish handles, tower bolts, and any necessary hardware items. Division of the shutters shall be made equally according to the length of the storage. The edges of the shutters shall be provided with steam beach lipping. One Ply shelf of 19mm thick comm.ply removable type supported on side steam beach wood battens on both sides (divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters. Rate shall be inclusive of all necessary approved fittings like box type hinges, locks, tower bolts, 100mm SS Brush finished handle etc. Note: as per detailed drawing/ instructions given by Architect on site etc. complete.</p>				
13	SIDE CREDENZA:	30.00	SQ.FT.		-
	<p>Providing and laying side credenzas as per storage cabinet specification with drawers on top & shutters below sizes as per instructions. It shall consist of ¾" thk. ply top, ¾" comm. ply sides, bases and 1/2" thk. ply backs. The edge of top will be provided with a suitable pvc mouldings- Manager cabin</p>				-

14	RECEPTION TABLE:	2.00	NO.		-
	Providing Officer Table as per detail drawings with keyboard Facility of size 5'0" x 2'0" width as per design on site, in 19 mm thk. Commercial plywood frame work finish with Korean Sheet of approved shade.. 1 no. Shelf for CPU to be provided below the desk as shown in the drg. All the inner surfaces shall be finshed with 1mm thick white laminate. 1no. Computer key board tray as per architects design using 19mm thk Commercial ply base and 25 x 50mm round edged moulding on the front fixed with telescopic/double approved sliders. drawer unit as shown in the drg shall be provided. 3 nos of drawers with 1.0 mm. Thk.Laminate shall be provided. Height of drawers shall be 100mm, 100mm and 280mm. Drawer shall consist of 12mm thk. Commercial Ply sides, back and 6mm thk. Commercial Ply base. Facia of drawers shall be of 19mm thk. Commercial Ply finished in 1.0 mm. Thk. Laminate and with a wooden moulding on top/bottom edge for handle. Each drawer shall slide on a pair of telescopic drawer sliders. The inside portion of drawers to be finished with 0.8 mm thk white laminate. Rate shall be inclusive of all necessary approved fittings like locks for drawers and any miscellaneous hardware items.				
15	CENTER/CORNER TABLES (2'-0"/2'-6" dia X 1'-6"HT)	3.00	NOS.		
	Providing and making corner / side tables of above mentioned size as per drwng. Table top shall consist of 12 mm. Thk.float glass with champhered edge(bevelled edge) fitted to the frames with necessary arrangement. The base shall be made up of Steam beach wood frame as directed by the Bank / Architect. It should be with 4 Nos of 35mmx35mm for vertical members tied to each other with horizontal members of 20mm x 35mm frames at bottom and All wooden frames to be finished with melamine.				
16	LOUVERED GLASS WINDOWS- TOILETS:	60	SQ.FT.		
	Providing and fixing Aluminium Louvered glass windows with opening for Exhaust Fan as directed.				

17	FRP DOORS-TOILETS:	3.00	NOS		
	Providing and fixing FRP FRAME size 100 x 50mm and 28mm thick FRP depress pannel shutter having extra reinforcement on sides and edges and in gel coat finish. The core of the shutter is to be filled up with injected fire retardent grade polyurethane foam done in situ along with embedded wooden places for stiffening and also for tacking hinges and fixture. The hole FRP frame and shutter is to be water proof, water proof, termite proof and resistance to mild acid/Alkali. Rates are to be inclusive of S.S hinges with necessary screws and Aluminum fixture and fastening. Product should have 3 years performance guarantee and company have ISO 9001-2000 certificate.				
18	Single Bed with Mattresses	4.00	NOS.		
	Providing and supplying Single Bed of Size 3'-6" x 6'-6" made out of 19 mm thick commercial plywood top & Sides and 12 mm thick plywood of bottom. The Entire bed should be duly polished wooden frame work including moulding etc. and finished with 01 mm thick laminates of approved shade externally & internally & with necessary fittings & fixtures. Complete as per design and Architect's instructions.				
19	Double Bed with Mattresses	1.00	NOS.		
	Providing and supplying Single Bed of Size 5'-6" x 6'-6" made out of 19 mm thick commercial plywood top & Sides and 12 mm thick plywood of bottom. The Entire bed should be duly polished wooden frame work including moulding etc and finished with 01 mm thick laminates of approved shade externally & internally with necessary fittings & fixtures. Complete as per design and Architect's instructions.				
20	Bed Side Table	4.00	NOS.		
	Providing and supplying Bed Side Table of Size- 2'-0"x1'-6" 1'-6" height made out of 19 mm thick commercial plywood top & Sides and 08 mm thick plywood of bottom. The Entire Table with drawer & Storage below should be finished with 01 mm thick laminates externally & internally of approved shade with necessary fittings & fixtures. Complete as per design and Architect's instructions.				

21	Ward Robe	100.00	SQ.FT.		
	Providing and supplying Ward Robe in Guest Rooms of Size-3'-0"x1'-6" 6'-6" height made out of 19 mm thick commercial plywood top, bottom, Sides and shelves with 08 mm thick plywood on back side. The Entire Ward Robe with drawers & Shelves as per design & should be finished with 01 mm thick laminates externally & internally of approved shade with necessary fittings & fixtures. Complete as per design and Architect's instructions.				
22	Mirror	3.00	NOS.		
	Providing and Fixing Mirror of size 1'-6" 4'-6" above bed side/dressing Table. Mirror should be with duly polished wooden frame work Complete as per design and Architect's instructions.				
23	Storage for Baggage	3.00	NOS.		
	Providing and supplying Storage for Baggage of appx size 3'0" x 4'-0"x 1'-6" deep made out of 19 mm thick commercial plywood top, bottom, Sides and shelves with 12 mm thick plywood on back side with 08 mm back side. The Baggage Storage should be finished with 01 mm thick laminates externally & internally of approved shade with necessary fittings & fixtures. Complete as per design and Architect's instructions.				
24	SHUTTER BELOW PANTRY PLATFORM	20	SQ.FT.		
	Providing and fixing 19mm thick. BWP ply shutter with both side 1.00mm thick laminate shutters with 50mm x 38mm teak wood frame work finished with melamine polish / paint. Division of shutters shall be made equally according to the length of the pantry platform, including drawers, kitchen hardware, channels All exposed wooden surfaces melamine polished. Cost to include Borer/Anti termite treatment for wood/plywood completed as per drawing and details instruction of Architect.				
25	MEETING ROOM MODULAR TABLE	1.00	NOS.		
	Providing and supplying Modular Type Meeting Room Table of Size aapx 16 Feet x 6 Feet with seating arrangement of min 15 persons. The Table should be of Godrej/Equivalent approved make after getting the design approved				
		1.00	NOS.		
A	TOTAL AMOUNT-A-FURNITURE WORK				

B	FALSE CEILING WORK				
1	GYPSON FALSE CEILING	2000.00	SQ.FT.		
	Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum plaster board suspended on GI framework. GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. The boards are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edge of the boards with jointing compound & joint paper tape. Rate shall be inclusive of Cut outs for A/c machiness, spot lights, light fixtures, A/C. Grills, fire and security systems cut outs, All Sections should adhere to the manufacturers guidelines. Vertical sides visible will be measured.				
2	GYPSON VERTICLE DROPS	1000.00	R.FT.		
	Providing and fixing Gypsum false ceiling Verticle drops of 04" to 06" as per plan & instructions				
3	ARMSTRONG GRID CEILING	1000.00	SQ.FT.		
	Providing and fixing false ceiling of 12 mm thk Acoustic tagular boards of Armstrong / approved make, shape and sizes as per drawings including powder coated G.I. wall angle of 20mm x 20mm size GI grid runners of size 20mm x 38 mm at 600mm center to center both ways and suspended using G.I. wire 3mm wire, including fixing using butterfly and fasteners, peripheral channels, including cut outs for A.C. grills and concealed light holes, light boxes, including transporting, scaffolding all necessary labor and machinery, finishing, etc.complete.				
4	MDF/PVC SHEET FALSE CELING	450.00	SQ.FT.		
	Providing and fixing PVC/MDF with framing as per details/plan/requirements.				
B	TOTAL AMOUNT-B-FALSE CEILING WORK				

C	PAINTING WORK				
1	LUSTER PAINT	6000.00	SQ.FT.		
	Providing & applying two finish coats of Luster Paint on walls. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum)2 coats to get evenly spread quality finish (roller finish) of approved make, quality & shade shall be provided. Including scaffolding, applying the acrylic wall putti etc. complete.				
2	ENAMEL PAINT	150.00	SQ.FT.		
	Providing & applying 1st quality enamel paint of approved make, quality & shade. The rate shall include scrapping, levelling & preparing the surface with primer quote.				
3	POP PUNNING	7500.00	SQ.FT.		
	Providing and applying POP Punning on walls and columns (<u>average 12mm thk</u>). The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the window and door frames.				
4	TEXTURE PAINT	200.00	SQ.FT.		
	Providing and fixing Texture Paint of approved shade/design & make with necssory basic treatments to wall/column as per plan/instructions.				
5	WALL PAPER	200.00	SQ.FT.		
	Providing and fixing Wall paper of Marshal/ make of approved shade/design swith necessary adhesive/fixing materials				
C	TOTAL AMOUNT-C-PAINTING WORK				
D	CIVIL WORK				
1	DISMANTLING WORK	1	Job		
	Dismantling work of damaged items-flooring-Wall & Ceiling plaster-flooring-unwanted items as per site condition/instructiontions. The job also includes carting away debries as & when required/instructes				

2	EXTERNAL PLASTERING OF WALLS, CEILING & COLUMNS-Entrance & Stair case Area	1800.00	SQ.FT.		
	Providing and laying 15 mm thick cement plaster 1 : 4 (1 cement : 4 coarse send) or in thickness matching with the thickness of the existing plaster on all walls and ceiling on all floors and terrace from where the existing plaster is removed.				
3	VITRIFIED TILES FLOORING:	2800.00	SQ.FT.		
	Providing and fixing VITRIFIED Tiles of size 4' x 4' of approved make, shade and pattern as shown in the drawing. / as approved by Bank/ Architect. In CM 1:4 in proper line and level with out spacers for maintaining the grid lines. Rate shall be inclusive of providing and laying necessary PCC and Cement Mortar for a thickness of 3" and joint filling compound of the same shade of the tiles and including pop covering on the new flooring for the protection of tiles with base covering plastic.				
4	VITRIFIED TILE SKIRTING-4" HEIGHT	1000.00	R.FT.		
	Providing and laying VITRIFIED TILE skirting of approved shade and make in CM 1:4 in proper line and level. The skirting should be flushed with the level of P. O. P. Punning on wall with 1/4" grove. Rate shall be inclusive of providing and laying necessary backing material and joint filling compound of the same shade of the tiles.The skirting to be fixed in line & level of the wall.				
5	WOODEN FLOORING FOR MEETING ROOM	700	SQ.FT.		
	Providing and fixing Wooden Flooring of approved design of approved make of Well Spun/Equivalent -design & 02 mm thickness. The job also includes levelling the flooring surface with pop punning & required additional material.				
6	GRANITE DOOR FRAMES TOILET AREA	70.00	R.FT.		
	Providing & fixing 3/4" thk Granite for door frames in vertical jambs & soffit, with outer part of 4" width and inner part of 2" width fixed on walls with a difference of 1/2" for door shutter, including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite.- 06 doors				

7	GRANITE WINDOW FRAMES TOILET-PANTRY AREA	150.00	R.FT.		
	Providing & fixing 3/4" thk Granite for door frames in vertical jambs & soffit, with outer part of 4" width and inner part of 2" width fixed on walls with a difference of 1/2" for door shutter, including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite. All windows from inside				
8	GRANITE FOR STAIR CASE MAIN AND GUEST HOUSE	450	SQ.FT.		
	Providing & fixing 3/4" thk Granite for Stair cases of MMC on Treads & Risers including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite.-				
9	6" THK. BRICK WALL-Toilet Blocks	1000.00	SQ.FT.		
	Providing & constructing half brick wall in CM 1:4 (1 Cement : 4 coarse Sand) at all levels, using best quality locally available bricks including providing RCC band using 8 mm dia tor steel reinforcement at every fifth layer, making key with adjoining stone/brick masonry wall, as per site requirement including racking out joints, curing etc., all complete as directed.				
10	SAME AS ABOVE BUT 9" THGK BRICK WALL-if required	0.00	SQ.FT.		Rate Only
11	POLYMER CONCRETE	750.00	SQ.FT.		
	Remove the existing loose concrete from R.C.C members i.e. column, beams, slab, lintels etc. & then provide polymer concrete as per the instructions/site conditions				
12	CEMENT CONCRETE BEDDING:	2000	SQ.FT.		
	Providing & Laying P.C.C bedding with 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources). <u>The height of the PCC will be 2"</u> -For Raising the floor level of Toilet & other areas				

13	WATER PROOFING	100.00	SQ.FT.		
	Providing & laying water proofing treatment , by applying cement slurry mixed with water proofing cement compound consisting of applying (a) first layer of slurry of cement @ 0.488 kg/ sq.m mixed with water proofing cement compound @ 0.253 kg/ Sq.m. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @0.242 kg/ Sq.m mixed with water proofing cement compound @ 0.126 kg/ Sq.m. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes, preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.etc. complete.				
14	CERAMIC ANTISKID TILE FLOORING: (Toilet Blocks)	250.00	SQ.FT.		
	Providing and fixing 12" x 12" Ceramic Tiles of approved make, quality & shade and pattern as shown in the drg. In CM 1:4 in proper line and level. Rate shall be inclusive of providing and laying necessary PCC and Cement Mortar for a thickness of 3" and joint filling compound of the same shade of the tiles.				
15	CERAMIC TILE DADO:- (Toilets)	2000	SQ.FT.		
	Providing and fixing 1st quality ceramic wall tiles 200x300 mm conforming to IS: 15622, of approved brand & shade/shade, in dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @3.3 kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.				
16	Floor protection sheet-	1.00	Job		
	Providing & Fixing 04 mm thk floor protection sheet during the execution of the work to protect the existing flooring. as per site condition The job includes disposing away from site after completion of work.-Appx Area 3000 Sq.Ft.				

17	PANTRY PLATFORMS -(2 NO 7 FEET + 5 FEET)	8	RFT		
	PANTRY PLATFORM:Providing and fixing sandwich type Granite Pantry platform 600mm wide, having Kota stone sandwich supports, both side polished Kota stone shelves, top bed, 75mm wide granite skirting at front level from bottom edge of Kota stone finished & top edge moulded 10 cm wide border patti & front edge moulded and vertical end supports are of approved granite including 535 mm x 460 mm size glossy stainless steel sink of nirali (grace plain) or equivalent make covered at bottom sides polished Kota stone, waist brass coupling, stainless steel extension nipple, SS Bottle trap, fancy heavy Swan neck pillar cock, including finishing etc. complete as per instruction by Architect approval. (Granite Basic Rate Rs 330/- per sqft)				
D	TOTAL AMOUNT-D-CIVIL WORK				
E	SANITARYWARE & PLUMBING WORK				
1	EWC:	4	No		
	Providing and fixing white vitreous china water closet (European type W.C.) with P or S TRAPE seat and lid complete, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, approved make health faucet with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required				
2	URINALS:	4	No		
	Providing & fixing flat back Urinal of approved make & design of size 900 x400 mm with with fittings & fixtures				
3	WASH BASIN:	4	No		
	Providing & fixing flat back Wash Basin of approved make of size 550 x400 mm with single hole for pillar cock with C.I. or M.S.brackets duly painted including C.P.Brass bottle trap, M.I.Fisher union 32mm dia.,15mm dia pillar cock, capstan head, screw down high pressor with screws, and back nuts, C.P.Brass stop cock,				

4	PVC PIPES: Providing, laying and jointing in true line and level P.V.C. Pipe (SCH-40) including fitting of PRINCE / SUPREME or equivalent ISI mark for drainage lines as directed.				
a	75mm dia	100	Rft		
b	100 mm dia.	100	Rft		
c	150 mm dia.	25	Rft		
5	CPVC PIPES: Providing, laying and jointing in true line and level C.P.V.C. Pipe (SCH-40) including fitting of PRINCE / SUPREME or equivalent and ISI mark shall be concealed as directed including necessary fittings etc.				
a	15mm dia	100	Rft		
b	18 mm dia. 100	50	Rft		
c	32mm dia.	50	Rft		
6	NAHANI TRAP: Providing & fixing precast Nahni trap of size 455×610mm of the following nominal diameter of self cleaning design with C.I. Screased down or hinged grating including cost of cutting and making good with walls and floor 100mm inlet and 100mm outlet.	5	No		
7	Providing and fixing C.P.brass grating/ jally Heavy quality of Jaguare/equivalent approved make	5	No		
8	Providing and fixing C.P. brass Soap Container Heavy quality of Jaguare/equivalent approved make	5	No		
9	Providing and fixing concealed type C.P. brass bib cock of 15mm nominal bore heavy quality Jaguare/equivalent approved make with flanges.	5	No		
10	Providing and fixing concealed type C.P. brass two way bib cock of 15mm nominal bore heavy quality Jaguare/equivalent approved make with flanges .	5	No		
11	Providing and fixing C.P. brass angle cock/stop cock (concealed) of standard design and of approved make confirming to IS:8931: 15mm nominal bore. Basic Rate:Rs. 1000/-	3	No		

12	Providing and fixing concealed type C.P. brass Long Body Bib Cock of 15mm nominal bore heavy quality Jaguare/equivalent approved make with flanges.	3	No		
13	Providing and fixing PVC Connector upto 400 mm long including necessary accessories etc complete.	1	No		
14	Providing and fixing C.P. brass Towel Rod 600 mm long.	3	No		
15	Providing and fixing 700x600 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	5	No		
E	TOTAL AMOUNT-E-SANITARY-PLUMBING WORK				
F	ALLIED WORK				
1	PROVIDING & FIXING FABRICATED COLLAPSIBLE GATE		SQ.FT.		Rate Only
	Providing and Fixing MS Collapsible Gate Double shutter made out of vertical double channels 12mmx8mm x 3mm at maximum 125 mm apart when fully stretched as specified, braced with flat iron diagonals 12 mm x 5 mm as specified in the item. The top and bottom rails shall be of M.S. section 25mm x 25mm x 6mm with 25 mm dia rollers in every fourth double channels.				
2	PROVIDING & FIXING ROLLING SHUTTERS	90.00	SQ.FT.		
	Providing & fixing M. S. Rolling shutters (18 - 22 guage sheets) for the facade openings (middle 1/3rd grill). Rate shall include all necessary locking arrangements including godrej navtal locks (heavy duty) 8 levers, 2 nos. per shutter. 2 coats of anti rust paint to be provided for the shutters.				
3	BOXING FOR ROLLING SHUTTER	60	SQ.FT.		
	Providing & fixing ¾" BWR ply boxing for the rolling shutters. Necessary wooden framing shall be provided. The boxing shall be finished on all exposed sides by 1mm laminate and internally with enamel paint.				

4	HIGH BACK CHAIRS	2.00	No		
	Providing and supplying High back chairs as per following specification (1). The chairs has a back inner / outer shell made out up of polypropylene having snap type fittings. (2). Moulded foam (48 DENSITY) is used on the seat and back. (3). A hot presses plywood seat (12 MM THICK) is used as base (4). The arm rest used is made up of soft polyurethane (250 density) having mild steel insert (5).The tilting mechanism used is having only back movement lockable at the front position. (6). The seat to back connecting mild steel plate is 10 MM thick. The handle connecting mild steel plate is 5 MM thick. (7). A seat outer made up of POLYPROPYLENE is used for asthetic appeal. (8). An imported gas lift mechanism is used for seat height adjustment. (9). A mild steel powder coated base (630 MM WIDE) is used having a load capacity of 800 KGS. (10). Twin wheel nylon castore are used having a load bearing capacity of 50 Kgs. Per Caster.				
5	Same as above but Medium back Chairs	25.00	No		
6	Same as above but Medium back Meeting Room Chairs with writing flap	25.00	No		
7	Visitor Chairs: Specification same as above but the Chairs have Fixed back having no tilting mechanism. Only revolving facility would be available.	5.00	Nos		
8	SOFAS- 03-Seater	12.00	R.FT.		
	Providing and fixing sofa set to detail as shown in drawing about 60cm wide and about 68cm high comprising second class SAL WOOD framework using 50 x 40 with 8mm thick com plywood covering on all sides. Seats finished with spring hooked to MS plate 25mm width fixed to the seat frame. Both seat frame and back covered with layer of jute cloth and 75mm latex rubber (2 layer for seat alone) finished with 12mm foam lining and uphostered to shape with fabric (basic price Rs.300/m) for the rear of the back also and the under surface of the seat finished with Gada cloth 8mm ply below seat. Note: (For sofas materials like foam, latex rubber, gadacloth, spring ,fabric etc., to be approved by the Architect				
9	Same as above but 02 Seater Sofas	5.00	R.FT.		Rate Only

10	FROSTED FILMS/DIGITAL STICKERS	500	SQ.FT.		
	Providing and fixing Digital Glass Frosting Film (3M) for frosting as per design in all shapes/size including curve shapes etc. complete to the satisfaction of Architect.				
11	REPAIRS-SERVICING OF ALUMINIUM WINDOWS	500	SQ.FT.		
	Repairs & servicing to all the existing windows including replacement of damaged/broken parts-channels-locks etc.				
12	ROLLER BLINDS-MEETING ROOM	250	SQ.FT.		
	Providing & fixing in place 100 mm. Roller blinds of approved make, quality and colour shade & pattern. Rate shall include necessary scotch guard treatment on both sides. The overlaps should be uniform & adequate.				
13	VERTICAL BLINDS-OFFICE AND GUEST ROOM AREA	100	SQ.FT.		
	Providing & fixing 100 mm wide Vertical Blinds of approved make and finish. Cost shall include top chanel, fixing charges etc. All as per drawings and/or instructions of the architect. All materials to be approved by the architects.				
14	ARTIFICIAL PLANT:	15	Nos		
	Providing and fixing in wire-mesh substrate, Artificial Plants of size height not less than 1000 mm. as approved and of first quality. (Plants can be Dieffenbachia plant, Areca plant, Aglaonema plant, Monstera, four wall Bamboo, Croton plant etc.) Item inclusive of all accessories, planter pot of plastic or wooden, as approved by Architect, protecting installation by avg. 20-micron polythene sheet till handover of facility etc. complete. Rate also to include polished stone pebbles of different colour of appx. 2"size or as require to cover base of plant at pot top.				
15	PHOTO FRAMES/CUSTOMIZED PAINTINGS	5	Nos		
	PHOTO FRAMES/CUSTOMIZED PAINTINGS: Providing and fixing of painting on canvas, mounted on canvas frame and to be hung on wall/partition with suitable accessories. average size of 48"x 30" wooden polished frame appx. 2 "thick./as approved				

16	MAGNETIC WHITE BOARD	50	SQ.FT.		
	Providing & fixing white magnetic white board with duster & marker stand.				
F	TOTAL AMOUNT-F-ALLIED WORK				
G	ELECTRICAL WORK				
I	CONTROL & LOW SIDE SWITCHGEARS				
1	MAIN LT PANEL	1.00	SET		
a	Supply and installation of main LT panel, wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated after 7 Tank treatment, incorporating horizontal and vertical sleeved copper busbars, complete with all internal wiring, danger board, 2 earthing legs, cable chamber etc as required, housing below mentioned switch gears / meter.				
b	1No.,125A,FP, Changeover Switch + 1 no. ,				
c	4 nos. 63A, TPN, MCB outgoing-Lighting-Power-AC-UPS-Mains				
d	1 no., 0-200A, Ammeter with CTand selector switch				
e	1no., 0-500V, Voltmeter with selector switch and fuse				
f	1Set, TPN, Copper busbars of required size PVC insulated suitable for 20 Amp load				
g	1 Set, RYB, indicating lamps with resistors and fuses LED				
h	24 Nos 32/25/20 Amp SPMCB				
2	POWER PANEL-DB	1.00	SET		
	SITC of 63 Amp 04 pole MCB with 12 No SPMCB of 20/32 Amps with inter connection in 04 way TPNDDB (For Guest House)				
3	SITC of 04 Pole MCCB, 125 Amp for with MS Box fixing in meter cabin	1.00	SET		
4	UPS-OUTPUT-DB	1.00	SET		
a	SITC of 12 way SPN DB & (UPS-OUTPUT-DB)				
	1 no, 63A, FP, 04 pole MCB incomer				
	8 Nos. MCB 10 Amps outgoing				

II	CABELS				
1	4C x 25 Sq.mm Copper cable from meter room to first floor panel board	50.00	Mtr.		
2	4C x 6 Sq.mm copper armoured cable from UPS Room to DB & Cassette AC Units	250.00	Mtr.		
3	4 x 06 Sq.mm-Termination Cables	10.00	Nos.		
III	WIRING				
1	Supply & Installation of concealed point wiring using 600v grade 1.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type (ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration.	90.00	Pts.		
2	Primary light points including the cost of 5A switch x 02 for 02 way point	6.00	Pts.		
3	Secondary light points looped from the above point	20.00	Pts.		
4	5A plug point with 1.5 Sqmm x 03 wiring as primary point	40.00	Pts.		
5	Secondary 5A Plug point 2.5 x 02 - 1.5 x 01 wiring on switch board	10.00	Pts.		
6	15A Plug Point 04 Sq.mm directly taken from DB for Geyser / zerox/Split AC	15.00	Pts.		
7	Wall fan point consisting of 5A socket and switch	15.00	Pts.		

8	S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using PVC sheathed white color flexible cable pulled through above False ceiling and cutting the walls as raceways are not provided and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 2 / 3 Pin sockets and 1 No 15A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (Only 2 tables served by one circuit from UPS DB) Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires.-2.5 x 02 - 1.5 x 01	35	Pts.		
9	SITC of Bell point with indicator for Guest & Meeting Room	5	Nos		
IV	FIXTURES				
	LED Type Light fixture				
1	Supply & Installation of (15/18 W) LED Spotlight flush mounted Light fixture. (PHILIPS Cat No. :- DN193 LED 12S or equivalent category & mode as approved by architect.	30	Nos		
2	2x2 ft (24W) LED Light Fitting of Philips/Crompton including supplying and fixing Suitable for recess mounting on false ceiling.	40	Nos.		
3	Supply & Installation of LED COVE Lights to false ceiling as per plan & as approved by architect.	20	Rmt		
4	Supply & Installation of single color (warm white 2800k light / any other approved color) flexible LED strip light including required rated driver / power supply in multiples of 1 Rmtr as approved by the architect / client along with all necessary hardware & accessories, etc. complete as required (PHILIPS/ make as approved by architect.).	80	Rmt		
5	S & I of (20/22W) (4') LED Tube light. Philips LED or equivalent	5	Nos		
6	S & I of Wall mounted exhaust fan (9" dia.) of decorative plastic body and blade with louvers on the outside of approved make	5	Nos		

7	S & I of approved make 400 mm dia. Wall Fan along with required hardware & accessories, etc. as approved by Architect	18	Nos		
8	SITC of 03 kw instant Geysers Spearehot/Racold make	3	Nos		
9	SITC of Photos/Picture Lights	6	Nos		
V	EARTHING SYSTEM				
1	EARTHING	1.00	Nos.		
2	S & I of earth pit comprising of 600mm x 600mmx 3mm. thick copper plate buried at a minimum depth of 2.5 meter including necessary materials like charcoal,salt etc as required conforming to BIS standards having brick masonry chamber with hinged cover and watering arrangement.	50.00	Mtr.		
3	8 SWG copper bare wire	50.00	Mtr.		
4	12 SWG copper bare wire	50.00	Mtr.		
VI	DATA CABLING				
	Providing and laying Cat 6 cable (Make : Systimax) for data in existing conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule				
1	RJ-45 for data points (THROUGH False ceiling and wall)	33.00	Pts.		
	Providing and laying Cat 5 cable (Make: D-Link) for voice in existing conduits for voice and providing & terminating with RJ-11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminate the other end with RJ-11 connector or on a Crone module with numbering of each cable with Ferule				
2	RJ-11 for Voice (THROUGH FALSE CEILING AND WALL)	12.00	Pts.		
	Providing, laying and connecting PVC insulated copper telephone cable of following sizes including termination in approved manner with Cat 5 wiring				

3	20-pair-Telephone wire main line	50.00	Mtr.		
4	Providing and fixing of telephone tag block (Krone) of following sizes housed in GI box with cover of suitable size including termination	2	SET		
VII	MUSIC SYSTEM				
1	SITC of speaker point wiring 24/36 mm along with necessary material	220.00	Mtr.		
2	SITC of 08" speaker of Ahuja make	10.00	Nos.		
3	SITC of Volume Control Switch	10.00	Nos.		
4	SITC of Music System with Amplifier with Blue Tooth	1	SET		
VIII	PROJECTOR WITH HDMA & POWER CABLE				
	Master control VC System				
1	HD VIDEO CONFERENCE CAMERA	1.00	NO		
2	65 inch LED Screen	1.00	no.		
3	OMNI DIRECTIONAL SPEAKER Phone	2.00	no.		
IX	CCTV-SECURITY & FIRE ALARM SYSTEM				
	Fire Alarm System				
1	SITC of Addressable Smoke Detector	15	No.		-
2	Fire Alarm with Connected Wiring. 2 Core 1.5 sq mm FRLS Armoured Red Cables along with accessories	300	Meter		-
3	SITC of Addressable MCP	2	No.		-
4	SITC of Addressable Hooter	1	No.		
	FIRE EXTINGUISHERS				
5	4 kg ABC Type Fire Extinguisher	4.00	No.		
6	SITC of HD camera along with Accessories	24.00	no.		-

7	SITC of SMPS	2.00	No.		-
8	SITC of 8 TB Surveillance Harddisk	2.00	No.		-
9	SITC of 32 CH HD DVR with audio	1.00	No.		
10	SITC of CCTV Cable along with Accessories	450.00	Meter		
11	SITC of 21 inch LED Monitor along with Accessories	1.00	No.		
G	TOTAL AMOUNT-G-ELECTRICAL WORK				
H	AIR CONDITIONING WORK				
A	HVAC-AIR-CONDITIONING WORK				
	Cassette AC Units - HIGH SIDE WORK				
1	Supply of Cassette AC of 2TR (3 star non inverter model) with One year Comprehensive warranty.(Compressor Warranty-5 Years)	5.00	Nos.		-
2	Supply of Cassette AC of 3TR (3 star non inverter model) with One year Comprehensive warranty.(Compressor Warranty-5 Years)	2.00	Nos.		-
	HVAC WORK - LOW SIDE WORK				-
3	Indoor and outdoor unit Installation, testing, commissioning charges	7.00	Nos.		-
4	REFREGERENT PIPING,POWER/CONTROL CABLING:-Supply, Installation, Testing & Commissioning of copper piping complete with copper fittings & charge of refrigerant gas for the above units(including drilling through wall), Piping associated with Cassette AC/Split AC units shall be insulated with 13 mm thick closed cell elastomeric insulation .Quoted price shall be inclusive of UV protection paint for all exposed pipes. Note:- 1)The required copper pipe size shall be as recommended by OEM of the AC. 2)Price shall be comprise of suitable perforated tray for refrigerant pipe laying with adequate supports & copper power cabling from indoor to outdoor unit as required	300	R.ft		-

5	CONDENSATE DRAIN PIPING-Supply, Installation Testing and Commissioning of 25 mm dia. Chlorinated Polyvinyl Chloride (CPVC) pipes, including all CPVC plain fittings, including fixing the pipes with pipes clamps & hanging supports to be taken from ceiling/wall at 1.00 m spacings. This includes joints of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Supporting arrangement in accordance with the approved shop drawings and specification. Pipes shall be insulated with 9mm thick closed cell elastomeric insulation in tubing form.	300	R.ft		-
6	ELECTRIC CABLE: Supply and laying 4core 6 sq.mm copper flexible cable from Outdoor unit to indoor unit.	300	R.ft		-
7	MS FRAME FOR ODU OF CASSETTE AC'S:-Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. (MS base frame duly applied with red-oxide primer & followed by black enamel paint for mounting of outdoor units.) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	750	Kgs		-
B	SPLIT TYPE SPLIT AIR CONDITIONER (WALL MOUNTED) INVERTER TYPE				-
	Providing & fixing split AC units for the premises as per plan with necessary fittings fixtures on the site as per shown in the drawing				
8	1.5 ton split AC unit (3 Star)	5.00	NO.		-
9	Standard installation, commissioning for split Ac machine - Machine installation, pressuring, flushing, gas charging, testing and commissioning-1.5 TR	4.00	NO.		-
10	Refrigerant Piping	120.00	R.ft		
	Standard Soft Copper Piping for 1.5 TR m/c per feet per ckt complete with 9mm thk nitrile foam insulation, piping and proper piping supports Piping shall be considered as one run only between indoor, outdoor				-

11	Drain Piping	120.00	R.ft		
	Hard PVC Plumbing grade drain piping 15/20 mm dia with 9mm Nitrile Insulation & pipe Support				
12	M.S.Powder coated Stand	4	NO		
	M.S.Powder coated Stand for out door unit.				
13	Electrical Cabling.	120	R.ft		
	Supply and laying 4core 6 sq.mm copper flexible cable from Outdoor unit to indoor unit.				
H	TOTAL AMOUNT-H-HVAC-AIR-CONDITIONING WORK				-
	SUMMARY				
A	FURNITURE WORK				
B	FALSE CEILING & PAINTING WORK				
C	PAINTING WORK				
D	CIVIL WORK				
E	SANITARY WARE & PLUMBING WORK				
F	ALLIED WORK				
G	ELECTRICAL WORK				
H	AIR CONDITIONING WORK				
I	TOTAL- A TO H				
J	ADD GST AS APPLICABLE				
K	GRAND TOTAL including GST				

Note :-

1. All rates to be quoted in Indian Rupees only.
2. No column should be left blank.
3. The rates quoted by the tendering Service Provider should be inclusive of all statutory/taxation liabilities in force at the time of entering into the contract.

I/ We accept all the terms and conditions.

Date :- ____/____/____

Place :- _____

Signature of authorized signatory of the
Tenderer with his/her names and designation
and seal of the firm