

**Reference No. QCI/PPID/0723/198**

**Request for Proposal for  
Interior Works at QCI office, ICCW Building**



Quality Council of India (QCI),  
Institution of Engineers Building,  
2<sup>nd</sup> Floor, 2, Bahadur Shah Zafar Marg,  
New Delhi-110002

## Table of Contents

Tender Notice .....	3
Tender Summary .....	4
I. INTRODUCTION .....	5
II. SCOPE OF WORK AND DELIVERABLES FOR THE CONTRACTOR .....	5
III. PRE-QUALIFICATION CRITERIA .....	6
IV. METHOD OF EVALUATION .....	7
V. GENERAL TERMS AND CONDITIONS .....	7
ANNEXURE-A .....	16
ANNEXURE-B .....	104
Form 1: Covering letter with the Proposal in response to RFP Notice .....	104
Form 2: Relevant Project Experience .....	105
Form 3: Details of Responding Organisation .....	105
Form 4: Non-Blacklisting Undertaking .....	105
ANNEXURE-C .....	109

### Tender Notice

1. Quality Council of India invites proposals for **“Interior Works at QCI office, ICCW Building”**
2. The content of this RFP enlists the requirements of Quality Council of India. It includes the Bidding Terms which details out all that may be needed by the potential bidders to understand the financial terms and bidding process and explain the contractual terms that the Quality Council of India wishes to specify at this stage.
3. After the submission of the proposal according to the instructions provided in the sections below, the bids will be evaluated through a two-bid system.

4. The Documents to be submitted:

Form 1	Covering letter with the Proposal in response to RFP Notice
Form 2	Relevant Work Experience
Form 3	Resource Profiles
Form 4	Details of Responding Organization
Annexure - A	Bill of Quantities (BOQ)

5. The Proposal may be submitted at the following address on or before July 24, 2023 by 3 PM via post to address below:  
Deputy Director (Finance & Accounts), Quality Council of India, Institution of Engineers Building, 2nd Floor, 2, Bahadur Shah Zafar Marg New Delhi - 110002, India

### Tender Summary

S. No.	Item	Details
1	Project Scope	Interior Works
2	Time for Completion	60 days
3	Defects Liability Period	12 Calendar Months
3	Bid Selection	Two – Bid System
4	Earnest Money Deposit	INR 2,50,000
5	Last Date of Submission Of Bid	July 24, 2023 by 3 PM
6	PBG	7.5% of the Project Value
7	Presentation Round	To be notified via e-mail

## I. INTRODUCTION

### Quality Council of India (QCI)

The Quality Council of India (QCI) is a pioneering experiment of the Government of India in setting up organizations in partnership with the Indian industry. The mandate of QCI is to lead nationwide quality movement in India by involving all stakeholders for emphasis on adherence to quality standards in all spheres of activities primarily for promoting and protecting interests of the nation and its citizens. To achieve this, QCI is playing a pivotal role in propagating, adoption and adherence to quality standards in all important spheres of activities including education, healthcare, environment protection, governance, social sectors, infrastructure sector and such other areas of organized activities that have significant bearing in improving the quality of life and well-being of the citizens of India.

## II. SCOPE OF WORK AND DELIVERABLES FOR THE CONTRACTOR

### 1. Scope of Work

The scope of work covered in this tender shall be as per the BOQ, specifications, drawings, instructions, orders issued to the Contractor from time to time during the execution of work. The total area where the work needs to be undertaken is 5589 sq. ft. approx.

- Ground floor: 1831 sq. ft.
- Basement floor: 1672 sq. ft.
- Second floor/CMD Room: 694 sq. ft.
- Canteen: 1392 sq. ft.

### 2. Deliverables and Timelines

- 2.1. The Contract Period:** The Contract period shall be reckoned from the seventh (7<sup>th</sup>) day of issue of Work Order. The completion of the contract shall be date of issue of completion certificate. The commencement date for Defect Liability Period is the completion of Contract period.
- 2.2. The Construction Period:** The Construction Period shall be **60 days** from the commencement date. The completion date shall be the date of completion of the works at the end of the construction period including any extensions granted and taking care of snag list.
- 2.3. Defects Liability Period:** The Defect Liability Period (Maintenance Period) shall be **12 calendar months** starting from the date of issuance of the Completion Certificate. The Contractor shall promptly repair or rectify all Defects and deficiencies observed by the QCI Authorised Person during the Defects Liability Period within a period of 15 (fifteen) days from the date of notice issued by QCI Authorised Person, in this behalf, or within such reasonable period as may be determined by the QCI Authorised Person at the request of the Contractor. The scope of work during the Defects Liability Period includes regular maintenance of the constructed facility including painting/polish finishes and electrical fittings in good condition. The costs of making good all these defects shall be borne solely by the Contractor and deemed to be included in the rates quoted by Contractor. If the contractor does not rectify the defect or make good the deficiency, the work should be redone or rectified through another agency, or departmentally by employing skilled labourers, at the contractor's cost. The amount shall be deducted from any monies due to the contractor or realization of any Bank guarantee.

### III. PRE-QUALIFICATION CRITERIA

S. No.	Basic Requirements	Specific Requirements	Documents Required
1	Legal Entity	<p>The Bidder(s) interested in participating in the Selection Process must be a duly registered legal entity in India, under any one of the following categories: -</p> <ul style="list-style-type: none"> <li>• A Limited Liability Partnership (“LLP”) registered under the LLP Act, 2008;</li> <li>• an Indian Company (“Company”) registered under the Companies Act, 1956/ 2013;</li> <li>• a “Partnership Firm” registered under the Indian Partnership Act, 1932;</li> <li>• a Sole Proprietorship firm, registered as such under the Applicable Laws of India.</li> </ul> <p>With minimum 5 years of existence at the time of submission of the bid.</p>	<p>Registration documents of the Bidder as a company/firm or any legal entity along with:</p> <ol style="list-style-type: none"> <li>i. Incorporation Certificate of the company</li> <li>ii. PAN Card of the registered legal entity</li> <li>iii. GST certificate of the registered legal entity</li> <li>iv. Certified copy of registered Partnership Deed; copy of Statement filed in the Register of Firms disclosing names, addresses and relevant details of ALL partners of the Partnership Firm</li> <li>v. MSME Certificate (if applicable)</li> <li>vi. Any other supporting document, as may be required</li> </ol>
2	Annual Turnover	<p>The bidding entity must have minimum average annual turnover of INR 10 Crores or more in the last three financial years (i.e., 2020-21, 2021-22 and 2022-23).</p>	<ol style="list-style-type: none"> <li>i. Audited Financial Statements; or</li> <li>ii. Turnover certificate by CA (original) with FRN Number and UDIN Number</li> </ol>
3	Technical Capability & Experience	<p>The Bidder must have successfully executed / completed at least one single order of Rs 2.5 Crores; or 2 orders each of Rs 1.5 Crores each; or 3 orders each of 1 Crores for similar project(s) in last three years to any Central / State Govt Organization / PSU / Statutory / Autonomous Organisation / Public Listed Company. In the last three financial years (2020-21, 2021-22, and 2022-23)</p>	<p>Work Order / Work Completion Certificates</p>
4	Blacklisting	<p>The bidder shall not have been blacklisted by any central or state government agency, PSU etc.</p>	<p>Undertaking in this regard to be submitted.</p>

#### IV. METHOD OF EVALUATION

Evaluation of the bids will be done in two stages namely Technical Evaluation (comprising Pre-qualification Check and Technical Presentation) and financial evaluation based on Least Cost Selection (LCS) basis.

#### V. GENERAL TERMS AND CONDITIONS

The Contractor for this engagement would be selected through a competitive bid process, the details of which are provided below:

1. The QCI reserves to itself the authority to reject any or all the tenders received without assigning any reason. The acceptance of a tender shall be effective w.e.f. the date on which the letter of intent of acceptance of the tender is put in the communication by the QCI.
2. **Mobilization of Men, Materials and Machinery:** All expenses towards mobilization at site and de-mobilization including bringing in equipment, work force, materials, dismantling the equipment, clearing the site etc. shall be deemed to be included in price quoted and no separate payment on account of such expenses shall be entertained. It shall be responsibility of the contractor to obtain the approval for any revision and / or modification desired by him from QCI before implementation. Also, such revision and/or modifications if accepted /approved by the QCI shall be carried at no extra cost to QCI. All materials, once bought by the contractor within the project area, will not be allowed to be removed from the premises without the written permission of the QCI.
3. The rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to rates or any escalation shall be allowed on account of any increase in price of materials, labour, POL and overheads etc or any other statutory increase during the entire contract period.
4. No claim on account of any price variation/Escalation on whatsoever ground shall be entertained at any stage of works. All rate as per BOQ quoted by contractor shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation price variation clause shall be applicable on this contract.
5. **Employment of Personnel:** The contractor shall employ only Indian Nationals as his representatives, servants and workmen after verifying their antecedents and loyalty. He shall ensure that no personal of doubtful antecedents and any other nationality in any way is associated with the works. Contractor will need to submit an undertaking to this effect before start of works. QCI shall have full power and without giving any reason to the contractor, to immediately remove any representative, agent, servant and workmen or employee on account of misconduct negligence or incompetence or whose continued employment may in their opinion be undesirable. The contractor shall not be allowed any compensation on this account.
6. **Technical Staff for Work:** The contractor shall employ at his own cost the adequate number of technical and other staff during the execution of this work depending upon the requirement of work. The contractor shall not be entitled for any extra payment in this regard. The technical staff should be available at site, whenever required by QCI for discussion and to take instructions.
7. **Work on Sundays, Holidays and during Night:** For carrying out work on Sunday and holidays or during night, the contractor will approach the QCI Authorised Person or his representative at least two days in advance and obtain his permission. The contractor shall have no claim on

his account whatsoever. If work demand, the contractor shall make arrangement to carry out the work on Sundays, Holidays and in two, Three shifts with the approval of QCI Authorised Person at no extra cost to QCI.

8. **Rates to be Firm:** The rates quoted by the tenderer shall be firm and fixed for the entire period of completion and till handing over of the work. No revision to rates or any escalation shall be allowed on account of any increase in price of materials, labour, POL and overheads etc. or any other statutory increase during the entire contract period.
9. **No Idle Charges towards Labour or P&M etc.:** No idle charges or compensation shall be paid for idling of the contractor's labour, staff or P&M etc. on any ground or due to any reason whatsoever. QCI will not entertain any claim in the respect.
10. **Work to be executed in accordance with Specifications, Drawings, Orders etc.:** The contractor shall execute the whole and every part of the work in the most substantial and workman like manner both as regard materials and otherwise in every respect in strict accordance with the specification. The contractor shall also conform exactly, fully and faithfully to the design, drawings and instructions issued in respect to the work assigned by the QCI Authorised Person. The contractor shall comply with the provisions of the contract and execute the works with care and diligence and maintain the works and provide all labour and materials, tool and plants including for measurement and supervision of all works, structural plans and other things of temporary or permanent nature required for such execution and maintenance in so far as the necessity for providing these is specified or is reasonable inferred from the contract. The contractors shall take full responsibility for adequacy, suitability and safety of all the works.
11. **Site-Visit:** The bidder may visit the site with prior approval of QCI. The request to be submitted at [procurement@qcin.org](mailto:procurement@qcin.org) . Address: QCI office, Indian Council for Child Welfare building, 4, Deen Dayal Upadhyay Marg, New Delhi-110002.
12. **Presentation:** As a part of Evaluation of proposals submitted by the applicants, QCI reserves the right to seek further information or a presentation from the Organizations for evaluation purposes. QCI may call for such information/presentation at a short notice.
13. **Schedule of Rates:** The quantities shown against the various items of work are only approximate quantities which may vary as per the actual requirement / measurement at site.
14. **Materials and Samples:** The materials / products used on the work shall be of approved make/ brands out of list of approved makes given in the tender document. The contractor shall submit samples/ specimens of approved makes of materials / products to the QCI Authorised Person for prior approval. In exceptional circumstances QCI Authorised Person may allow alternate equivalent makes / brands of products / materials at his sole discretion. The final choice of brand/ make shall remain with the QCI Authorised Person, whose decision in the matter shall be final and binding and nothing extra on this account shall be payable to the contractor.
15. **Warranty:** The manufacturer warranty of all the items should be transferred to QCI as a part of the handover of the site.



16. **Care of Works:** From the commencement to the completion of the works handing over to the QCI and contractor shall take full responsibility for the care thereof and all temporary works and in case any damage loss or injury shall happen to the works or to any part thereof or to any temporary works due to lack of precaution / negligence on part of contractor, the same shall be made good at his own cost.
17. **Prohibition on Subletting :**The contractor shall not sublet or assign the whole or part of the works except where otherwise provided, by the contract and even then only with the prior written consent of QCI and such consent if given shall not relieve the contractor from any liability or obligation under the contract and he shall be responsible for the acts, defaults or neglects of any subcontractor, his agent, servants or workman as if they were the acts, the defaults or neglects of the contractor, his agent servants or workman provided always that the provision of labour on piece work basis shall not be deemed to be a subletting under this clause.
18. **Compensation for Delay and Remedies:** If the contractor fails to maintain the required progress in terms of relevant clause of contract, to complete the work and clear the site on or before the Completion date or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the Govt. on account of such breach, pay as agreed compensation the amount calculated at the rate stipulated below or such amount as the QCI Authorised Person (whose decision in writing shall be final and binding) may decide on the amount of tendered value of the work for every complete day /week (as applicable) that the progress work remains incomplete.
19. **Defects Liability Period:** The contractor shall be responsible for the rectification of defects in the works for a period of **12 calendar months** from the date of taking over of the works by the Owner / Client. Any defects discovered and brought to the notice of the contractor shall be attended to and rectified, by the contractor at his own cost and expense. In case the contractor fails to carry out these rectifications, the same may without prejudice to any other right or remedy available, be got rectified by QCI at the cost and expense of the contractor.
20. Precautions to avoid any nuisance to the neighbourhood / surrounding. All the necessary precautions will need to be taken during the implementation of the project (either during day or night), to avoid any nuisance or any harm causing to the neighbourhood/surrounding areas of proposed construction site. No complaint should arise by the neighbourhood /occupiers of other office in the building, during the development work by contractor or any of the persons directly or indirectly related to the site work. In case of any such conditions the contractor shall be fully responsible for the consequences & settlement.
21. **Authenticity of Equipment:** The selected bidder shall certify that the supplied goods are brand new, genuine/ authentic, not refurbished, conform to the description and quality as specified in this bidding document and are free from defects in material, workmanship and service. If during the contract period, the said goods be discovered counterfeit/ unauthentic or not to conform to the description and quality aforesaid or have determined (and the decision of the Purchase Officer in that behalf will be final and conclusive), notwithstanding the fact that the purchaser may have inspected and/ or approved the said goods, the purchaser will be entitled to reject the said goods or such portion thereof as may be discovered not to conform to the said description and quality. The selected bidder shall, if so called upon to do, replace the goods etc., or such portion thereof as is rejected by Purchase Officer, otherwise the selected

bidder shall pay such damage as may arise by the reason of the breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the Purchase Officer in that behalf under this contract or otherwise. Goods accepted by the purchaser in terms of the contract shall in no way dilute purchaser's right to reject the same later, if found deficient in terms of the this clause of the contract.

22. **Contractor Liable For Damage Done and For Imperfections:** If the Contractor or his work people or servants shall break, deface, injure or destroy any part of a building in which they may be working or any building, road, fence, enclosure, or cultivated ground, contiguous to the premises on which the work or any part of it is being executed, or if any damage shall happen to the work. If any imperfection becomes apparent while the work is in progress, , or the contractor shall within a period specified by QCI after a Certificate, final or otherwise of its completion (given by the QCI Authorised Person or Tendering Authority), shall cause the same to be made good by other workmen and deduct the expense (of which the certificate of the QCI Authorised Person or Tendering Authority shall be final) from any sums may be then, or at any time, thereafter that may become due to the Contractor, or form his performance security, or the proceeds of sale thereof, or of a sufficient portion thereof.
23. **Withdrawal of Work from the Contractor:** If the Tendering Authority shall at any time and for any reasons, whatever, including inability to maintain pro rata progress, think any portion of the work should not be executed or should be withdrawn from the contractor, he may by notice in writing to that effect, require the Contractor not to execute the portion of the work specified in the notice, or may withdraw from the Contractor the portion of work, so specified, and the Contractor shall not be entitled to any compensation, by reason of such portion of work having been withdrawn from him. The QCI Authorised Person or Tendering Authority may supplement the work by engaging another agency to execute such portion of the work at the cost of the original contractor without prejudice to his rights. He shall also be competent to levy penalty for delay in progress. The recovery of excess cost shall be made good from next available 3 running bill or any other claim and shall not be deferred.
24. **Protect Works:** The contractor shall arrange to protect, at his own cost, in an adequate manner all stone work and other works, requiring protection and to maintain such protection, as long as work is in progress. He shall remove and replace this protection as required by the QCI Authorised Person or Tendering Authority, from time to time, any damage to the work, so protected no matter how it may be caused. Shall be made good by the Contractor free of cost. All template , forms, moulds, centring, false ceiling works and models, which in the opinion of the QCI Authorised Person or Tendering Authority, are necessary for the proper and workman like execution of the work, shall be provided by the Contractor free of cost.
25. **Fair Wage Clause:** The contractor shall not pay less than fair wages/minimum wages to labourers engaged by him on the work as revised from time to time by the Government.
26. **Safety of Workers:** Ensuring safety of workers at time of construction shall be the responsibility of the bidder. QCI has no obligation or responsibility towards any individual in any such case or situations. The bidder must have and maintain valid and keep in force insurance policies accidents, public liability, professional indemnity, worker's compensation required by law. The bidder shall provide personal protective equipment like helmet, face shield, gloves, safety shoes, etc., of standard make acceptable, to all the employees at their cost.

27. **Force Majeure:** Any delay in or failure of the performance of either party hereto shall not constitute default hereunder to give rise to any claims for damages, if any to the Extent such delay or failure of performance is caused by occurrences such as acts of God or the public enemy, expropriation, compliance with any order or request of Government authorities, acts of war, rebellions, sabotage fire, floods, illegal strikes, or riots (otherwise than among the contractors employees). Only extension of time shall be considered for Force Majeure conditions as accepted by QCI. No adjustment in contract price shall be allowed for reasons of force majeure.
- Force Majeure shall not include:
- any event which is caused by the negligence or intentional action of a Party or by or of such Party's agents or employees, nor
  - any event which a diligent Party could reasonably have been expected both to take into account at the time of the signing of the Contract and avoid or overcome with utmost persistent effort in the carrying out of its obligations hereunder.
  - Insufficiency of funds or manpower or inability to make any payment required for execution of services under this Contract.
28. The contract will be awarded to the Contractor whose proposal conforms to the terms of the RFP and is, in the opinion of QCI, the most advantageous and represents the best value of the assignment, price and other factors considered. QCI reserves the right to negotiate with the most competitive Contractor if required.
29. **COVID-19 Guidelines:** The bidder needs to ensure that all the personnel adhere to World Health Organisation (WHO) and Ministry of Home Affairs (MHA) COVID- 19 safety protocols at all the time during the construction period.
30. **Earnest Money Deposit (EMD)/ Bid Security:** Bidders shall submit, along with their Bids, Bid Security (EMD) of INR 2,50,000 as per the details mentioned below:
- 3.1 By demand draft in favor of Quality Council of India, payable at New Delhi, or
- 3.2 Deposit through RTGS/ NEFT as detail under\*\*: -
- For payment of EMD through Bank transfer:-

<b>Name of the Bank</b>	Axis Bank LTD, 6/83, Padam Singh Road, Karol Bagh, New Delhi
<b>Name of the Account</b>	Quality Council of India
<b>Saving Bank Account</b>	223010100053020
<b>IFSC Code</b>	UTIB0000223

Note:

- NO CHEQUES WILL BE ACCEPTED. The applicant whose EMD has been deposited by NEFT/RTGS, must enclose the transaction details/ evidence along with their technical bid, otherwise the bid will be rejected.
- Bid security in any other form will not be entertained.
- No interest will be payable to the Bidder on the amount of the EMD. Unsuccessful Bidder's EMD will be discharged/ returned as promptly as possible, but not later than 30 days of completion of the process
- In case bid is submitted without the bid security then QCI reserves the right to reject the bid without providing opportunity for any further correspondence to the bidder concerned. The EMD may be forfeited:
  - If a bidder withdraws its bid during the period of bid validity.
  - Bidder does not respond to requests for clarification of its Proposal.

- Bidder fails to provide required information during the evaluation process or is found to be nonresponsive.
- In case of a successful bidder, if the bidder fails to sign the contract in accordance with this RFP.

\*MSEs (Micro and Small) are exempted from paying Earnest Money Deposit. In this case participants are required to submit valid MSE registration certificates (Udyog Aadhaar) to avail exemption.

31. **Performance Bank Guarantee:** The Purchaser will require the selected Bidder to provide a Performance Bank Guarantee, within 15 days from the Notification of award, for a value equivalent to **7.5 % of the bid value**. The Performance Bank Guarantee shall contain a claim period of three months from the last date of validity. The selected Bidder shall be responsible for extending the validity date and claim period of the Performance Bank Guarantee as and when it is due on account of non-completion of the delivery and Warranty period. In case the selected Bidder fails to submit performance Bank guarantee within the time stipulated, the Purchaser at its discretion may cancel the order placed on the selected Bidder without giving any notice. Purchaser shall invoke the performance guarantee in case the selected Bidder fails to discharge their contractual obligations during the period or Purchaser incurs any loss due to Bidder's negligence in carrying out the project implementation as per the agreed terms & conditions.
32. **Ethics:** QCI expects all operators, shortlisted bidder(s) to show highest ethical standards during the course of the assignment especially during on-groundwork. If any complaints/information regarding any incident of malpractices (bribery, seeking monetary or non-monetary favor/gifts) is brought to the notice, the shortlisted bidder(s) shall take the necessary action (to the extent of expulsion/removal) as per its organization rules and laws applicable at that time. QCI is absolved of any liability/claim arising out of any such above situations.
33. **Insurance:** The Goods supplied under the Contract shall be fully insured against loss by theft, destruction or damage incidental to manufacture or acquisition, transportation, storage, fire, flood, under exposure to weather and delivery at the designated project locations, in accordance with the applicable terms. The insurance charges will be borne by the supplier and Purchaser will not be required to pay such charges if incurred. The goods will be delivered at the destination in perfect condition.
34. **Plant, Machinery & Job facility Area:** The contractor will have to make his own arrangement for storage of materials, plants, equipment's, machineries to be used in the execution of this work well in time after award of the contract, at his own cost. The land for facilitating the works shall be arranged by the contractor and maintained and re-instated after the implementation as per Environment mitigation norms. The contractor shall allow the QCI Authorized persons or any person authorized by the local authorities to access the site or any place where work in connection with the contract is being carried out or intended to be carried out or to any place where materials or plant are being manufactured / fabricated/ assembled for the works.
35. **Liquidated Damages:** The work must be completed as stipulated in the acceptance of the tender should be deemed to be the essence of the contract and delivery must be completed no later than the dates specified therein. Extension will not be given except in exceptional circumstances. However, if the work is completed after expiry of the contracted completion period without prior concurrence of QCI, such delivery will not deprive the purchaser of his right to recover liquidated damages.

36. **Confidentiality:**

The bidder(s) must not divulge any confidential information and ensure that reasonable steps are taken to provide for the safe custody of any and confidential information in its possession and to prevent unauthorized access thereto or use thereof. The shortlisted bidder(s) must not, without the prior written consent of QCI, disclose any confidential information of QCI or any government department or relating to any ministry or any other party. In giving written consent to the disclosure of confidential information, QCI may impose such conditions as it thinks fit, and the bidder must comply with these conditions. Confidentiality clause shall survive for a period of one year after the termination of contract or contract expiry period.

37. **Time Schedule:**

Stage	Work Done	Time
1	Award of work	T
2	Completion of partition frame work, block work, electrical raceway, fire sprinkler line Delivery of HVAC ducting material Initiation of MEP works	T+14
3	50% completion of above-ceiling HVAC works Second skinning of partitions and POP on walls	T+28
4	100% completion of above-ceiling HVAC works 100% completion of Ceiling works (including electrical) Initiation of Paint and floor works	T+42
5	100% completion of works and Final handover	T+60

38. **Payment Milestones:**

S. No.	Work done	Payment
1	On award of Work – Stage 1	20%
2	After completion of Stage 2	20%
3	After completion of Stage 3	20%
4	After completion of Stage 4	25%
5	After completion of Stage 5	10%
6	After completion of Defects Liability Period (DLP)	5%

39. **Penalty:** Penalty may be imposed on non-performance/ violation of any of the terms and conditions mentioned in this work order. The quantum of such penalty shall be as decided by the committee of officials (constituted by QCI). The following shall be the treatment in case of damages and delays:

- i. Any damage to the building or to any equipment which might result during the repair shall be repaired by the Contractor.
- ii. If the job is not completed within the stipulated time penalty amount @ 0.5% (of the contract value) per week will be applicable on the contractor, provided such delay is not attributable to QCI.

40. QCI reserves the right to accept or reject any bid, to annul the entire bid process or reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected Contractor(s) or any obligation to inform the affected Contractor(s) the grounds for such decision. QCI also reserves the right to negotiate with the successful Contractor if necessary.

41. The contract will be awarded to the Contractor whose proposal conforms to this RFP and is, in the opinion of QCI, the most advantageous and represents the best value to the assignment, price and other factors considered.
42. No part of this document including the Annexure can be reproduced in any form or by any means, disclosed or distributed to any person without prior written consent of QCI, except to the extent required for submitting the bid and no more. The information contained in this document is only disclosed for the purposes of enabling potential Contractors to submit a proposal to QCI. This document should not therefore be used for any other purpose. This document contains proprietary information furnished for evaluation purposes only; except with the written permission of the QCI, such information may not be published, disclosed, or used for any other purpose. The bidding firms acknowledge and agree that this document and all portions thereof, including, but not limited to, any copyright, trade secret and other intellectual property rights relating thereto, are and at all times shall remain the sole property of QCI. The title and full ownership rights in the information contained herein and all portions thereof are reserved to and at all times shall remain with QCI. Contractors must agree to take utmost care in protecting the proprietary and confidential nature of the information contained herein.
43. QCI, by issuance of this RFP does not necessarily indicate or imply that the project will be commenced. The Contractor will absolve QCI of all responsibilities if the project does not start within a stipulated timeframe. QCI reserves the right to withdraw this assignment any time without prior consultation or intimation to the Contractors.
44. The interested Contractors shall furnish an affirmative statement as to the existence of, absence of, or potential for conflict of interest on the part of the Contractor or any prospective subcontractor due to prior, current, or proposed contracts, engagements, or affiliations with QCI. Additionally, such disclosure shall address any and all potential elements (time frame for service delivery, resource, financial or other) that would adversely impact the ability of the Contractor to complete the requirements as given in the RFP.
45. The Contractor shall not make any alteration / changes in the bid after the closing time and date. Unsolicited correspondence from the Contractor will not be entertained.
46. If at any stage of the tendering process or during the currency of the agreement any suppression / misrepresentation of such information is brought to the knowledge of QCI, QCI shall have right to reject the bid or terminate the agreement, as the case may be, without any compensation to the Contractor.
47. The Contractor shall be deemed to have complied with all clauses in this RFP. Evaluation shall be carried out on the available information in the bid.
48. The firms / agencies submitting their proposals would be responsible for all of its expenses, costs and risks incurred towards preparation and submission of their proposals, attending any pre-proposal meeting and visiting the site or any other location in connection therewith. QCI shall, in no case, be responsible or liable for any such costs whatsoever, regardless of the outcome of the process.
49. The proposals submitted by the firms/agencies shall remain valid for a period of two months after the closing date (deadline) for submission of proposals prescribed in this document.

50. During evaluation, QCI may, at its discretion, ask the respondents for clarifications on their proposals. The firms/agencies are required to respond within the time frame prescribed by QCI.
51. At any time prior to deadline for submission of proposals, QCI may for any reason, modify the RFP document. The prospective respondents having received the RFP document shall be notified of the amendments through email and such amendments shall be binding on them.
52. QCI may at its sole discretion and at any time during the evaluation of proposal, disqualify any respondent, if the firm:
- i. Submitted the proposal after the response deadline
  - ii. Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements
  - iii. Exhibited a record of poor performance such as abandoning works, not properly completing the contractual obligations, inordinately delaying completion or financial failures, etc. in any project in the preceding three years
  - iv. Submitted a proposal that is not accompanied by required documentation or is non-responsive, failed to provide clarifications related thereto, when sought
  - v. Submitted more than one proposal
  - vi. Was declared ineligible by the Government of India/State/UT Government for corrupt and fraudulent practices.
53. **Disclaimer:** QCI shall not be responsible for any late receipt of applications for any reasons whatsoever. The applications received late will not be considered.  
QCI reserves the right
- i. To reject any/all applications without assigning any reasons thereof.
  - ii. To relax or waive any of the conditions stipulated in this document as deemed necessary in the best interest of the QCI without assigning any reasons thereof.
  - iii. To include any other item in the Scope of work at any time after consultation with applicants or otherwise
  - iv. To adopt method deemed fit to evaluate the proposals
  - v. To select multiple Contractors for the project for allocation of work in different areas if it meets the essential criteria for qualification.
54. **Submission of Proposals:** Overall evaluation of the bids will be done in two stages namely Technical and Financial evaluation.
- 54.1. **Technical Proposal**
- The Technical Proposal (one hard copy) shall be submitted with the following:
- 54.1.1. Pre-Qualification Documents (as per the Pre-Qualification Criteria clause)
- 54.1.2. Technical Documents:
- i. Form 1: Covering letter with the Proposal in response to RFP Notice
  - ii. Form 2: Relevant Project Experience
  - iii. Form 3: Details of responding organization
  - iv. Form 4: Non-Blacklisting Undertaking
  - v. Annexure A: Bill of Quantities – General, HVAC Systems, Electrical Systems and Plumbing

**54.2. Financial Proposal**

The Proposal should be signed by the authorized signatory and submitted in a sealed envelope, only as a hardcopy, separate from the Technical proposal. Softcopies are not permissible. The Proposal must adhere to the following guidelines:

54.2.1. The Contractors should submit the proposal as per the format given in Annexure –

A.

Taxes would be additional and as per applicable statutory norms.

**55. Submission Details:**

55.1. The Financial and Technical Proposals should be submitted separately in the given format and signed by the Authorized Signatory. Financial bid, if submitted along with the technical bid is liable to be rejected.

55.2. All the pages of the proposal must be sequentially numbered and must contain the list of contents with page numbers. Any deficiency in the documentation may result in the rejection of the Bid.

55.3. All pages of the application shall be signed and stamped by the authorised signatory.

55.4. Please Note that Prices must not be indicated in the Technical Bid.

55.5. The Technical Proposal which includes the supporting documents pertaining to pre-qualification criteria shall be placed in a sealed envelope clearly marked 'Technical Proposal' for "Interior Works at QCI office, ICCW Building". Further, the Financial Proposal shall be placed in a sealed envelope clearly marked 'Financial Proposal' for "Interior Works at QCI office, ICCW Building"

Interested parties may submit the technical and financial Proposal in two separately sealed envelopes inside a larger sealed envelope super-scribing "Interior Works at QCI office, ICCW Building" to Deputy Director (Finance & Accounts), Quality Council of India, Institution of Engineers Building, 2<sup>nd</sup> Floor, 2, Bahadur Shah Zafar Marg New Delhi - 110002, India (By post or by hand) on or before July 24, 2023 by 3 PM.

For any queries, you may contact the below:

Procurement Team, QCI

Email id: [procurement@qcin.org](mailto:procurement@qcin.org)



**ANNEXURE – A: Bill of Quantities (BOQ)**

**A) General**

S. NO.	LOCATION	ITEM DISCRIPTION	MAKE	UNIT	QTY.	RATE (₹)	AMO UNT (₹)	TAX (₹)	TOTAL (₹)
1.	<b>CIVIL WORK</b>								
1.1	Ground floor & Basement office floors, 2nd floor CMD office & Canteen.	<b>DEMOLITION WORKS:</b> 115 mm & 230mm thick Brick wall demolition, Removals of wall & flooring Tiles, stone flooring, carpet flooring, PCC, RCC slab & lintels, Doors, glazing , railings, Partition (Gypsum/laminated). Including removal of Debris.		L/S	1				
1.2		Removal & handing over to QCI the Light & Electrical fittings (Lights, Fans, AC units, MCB, DB panels etc.) Door Hardware, Sanitary fixtures & fittings.		L/S	1				
1.3	WASHROOM SAND CANTEEN	<b>115 MM BRICK WORK:</b> 115 mm thick Brick work with bricks of the class designation 75 in Super structure in Cement Mortar 1:4 (1 Cement: 4 Coarse Sand) all complete.		sq. mt.	79.74				
1.4		<b>230 MM BRICK WORK:</b> 230 mm thick Brick work with bricks of the class designation 75 in Super structure in Cement Mortar 1:4 (1 Cement: 4 Coarse Sand) all complete.		cu. mt.	1.74				
1.5		<b>R.C.C. Slab Casting :</b> Providing & Fixing of RCC slab with Steel as per design rebar with the existing structure & M25 concrete including scaffolding & shuttering as required.		cu. mt.	0.2				
1.6		<b>LINTEL BEAMS:</b> Making & Fixing Lintel Beam up to 230 x 300 mm size including Reinforcement cutting, binding, shuttering & de-shuttering all complete as per drawing.		cu. mt.	0.4				

1.7		<b>PLASTERING:</b> 12 to 18 mm thick Plastering in 1:3:2 Cement Mortar (1 cement: 3 Fine sand : 2 Coarse sand) at all heights / levels.		sq. mt.	239.22				
1.8		<b>PCC:</b> Providing and filling cynder including smooth layer top PCC (M20) finish in Sunken/Toilet/Kitchen/pantry areas.		L/S	1				
		<b>GRANITE JAMB :</b> Providing & fixing of polished Granite Jamb, including edge polishing.		rmt.	68.47				
		<b>FIXED GLASS WINDOW:</b> Providing & fixing of Fixed glass window with sleek AL. frame in anodized finish as per selection with 10mm thick Toughened glass including silicon sealant around all edges to seal from weather.		sq. mt.	15.21				
2	<b>FALSE CEILING WORK</b>								
2.1	Ground Floor & Basement Floor	<b>Gypsum Board Ceiling:</b> Providing & Fixing of 12.5 mm thick Gypsum board false ceiling (Make Gyproc) to G.I. framing in perfect level. Necessary offsets and grooves to be provided at the junction of ceiling & walls/columns/partitions etc., Cut out for light fittings A/C grills etc. Rate to include providing & fixing of necessary G.I./wooden/MS frame supports for the above fixtures & additional suspenders & the ceiling in AC duct area as per approvals G.I. frame to consist of proprietary supplied frames & as per manufacturers recommendations suspended from dash fasteners anchored to structural slab by means of G.I. angles. The joint between the sheets of plasterboard are to be covered with jointing paper tape and flushed with all purposes jointing compound, to provide a smooth durable and professional finish. Suspension points and clips shall be able to take a	LAFARGE/ India Gypsum	sq. mt.	91.77				

		<p>minimum safe load of 50 kilograms.</p> <p>Measurement to be along the horizontal surface of the ceiling.</p> <p>Rate quoted to include vertical drops (till 200mm height) and all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Verticals above 200mm height will be measured separately.</p>							
2.2	2nd Floor CMD office	<p><b>POP False Ceiling:</b></p> <p>Providing &amp; Fixing of POP false ceiling (Make Gyproc) to G.I. framing in perfect level. Necessary offsets and grooves to be provided at the junction of ceiling &amp; walls/columns/partitions etc., Cut out for light fittings A/C grills etc. Rate to include providing &amp; fixing of necessary G.I./wooden/MS frame supports for the above fixtures &amp; additional suspenders &amp; the ceiling in AC duct area as per approvals G.I. frame to consist of proprietary supplied frames &amp; as per manufacturers recommendations suspended from dash fasteners anchored to structural slab by means of G.I. angles. The joint between the sheets of plasterboard are to be covered with jointing paper tape and flushed with all purposes jointing compound, to provide a smooth durable and professional finish. Suspension points and clips shall be able to take a minimum safe load of 50 kilograms.</p> <p>Measurement to be along the horizontal surface of the ceiling.</p>	Sakarni	Sq. mt.	70				

		Rate quoted to include vertical drops (till 200mm height) and all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Verticals above 200mm height will be measured separately.							
2.2 a	Laminated Band in Basement & Ground floor	<b>150mm high &amp; 40mm th. LAMINATED BAND:</b> Suspended laminated band with 40x40mm AL. frame hung from slab bottom with adjustable hangers. With 2x19mm th. Comm. Ply clad with 1mm th. Laminate of approved shade & matching PVC leaping.	GREENPLY, MERINO OR EQUIVALENT	rmt.	177.28				
2.2 b	Laminated Band in CMD room	<b>LAMINATED FALSE CEILING</b> Providing & Fixing of 12.5 mm thick Gypsum board false ceiling (Make Gyproc) to G.I. framing in perfect level. Necessary offsets and grooves to be provided at the junction of ceiling & walls/columns/partitions etc., Cut out for light fittings A/C grills etc. Rate to include providing & fixing of necessary G.I./wooden/MS frame supports for the above fixtures & additional suspenders & the ceiling in AC duct area as per approvals G.I. frame to consist of proprietary supplied frames & as per manufacturers recommendations suspended from dash fasteners anchored to structural slab by means of G.I. angles. Suspension points and clips shall be able to take a minimum safe load of 50 kgs. Clad with 12mm	GREENPLY, MERINO OR EQUIVALENT	sq. mt.	8.8				

		<p>thick Comm. Ply &amp; finishing layer of 1mm thick Laminate of approved shade. Including making grooves &amp; joints as per design.</p> <p>Measurement to be along the horizontal surface of the ceiling.</p> <p>Rate quoted to include vertical drops (till 200mm ht.) and all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Verticals below 200mm ht. will be measured separately in rmt.</p>							
2.3	Laminated Band in Basement & Ground floor	<p><b>20mm thick LAMINATED BAND:</b></p> <p>Laminated band with 40x40mm AL. frame hung from slab bottom with adjustable hangers. With 19mm thick Comm. Ply clad with 1mm thick Laminate of approved shade &amp; matching PVC leaping.</p>	GREENPLY, MERINO OR EQUIVALENT	rmt.	32.594				
2.4	Laminated Band in Basement & Ground floor	<p><b>20mm thick LAMINATED BAND:</b></p> <p>Laminated band with 40x40mm AL. frame hung from slab bottom with adjustable hangers. With 19mm thick Comm. Ply clad with 1mm thick Laminate of approved shade &amp; matching PVC leaping.</p>	GREENPLY, MERINO OR EQUIVALENT	sq. mt.	19.134				
2.5	Basement & Ground floor	<p><b>0.9NRC MINERAL FIBRE 15mm SLIM LINE GRID CEILING:</b></p> <p>Providing &amp; installation of 600x600 Slim line grid ceiling with 0.9NRC mineral fibre tiles with rectangular edges.</p>	ARMSTRONG / GYPROC	sq. mt.	103.76				
2.6	Canteen Kitchen	<p><b>METAL GRID CEILING:</b></p> <p>Providing &amp; installation of 600x600 Slim line grid ceiling with perforated metal tiles.</p>	ARMSTRONG / GYPROC	sq. mt.	25.4				

2.7	2nd Floor CMD office	<b>LAMINATED FALSE CEILING :</b> Providing & fixing of laminated false with GI frame same item no. 2.1 with 12mm Comm. Ply clad with 1mm thick Laminate of approved shade complete including making grooves, cutting for light fittings etc.	GREENPLY, MERINO OR EQUIVALENT	<b>sq. mt.</b>	15				
2.8	Ground floor office & Canteen block	<b>BAFFLE FALSE CEILING:</b> Providing & fixing of 200 high & 200C/C or as per design pattern with 19mm thick Ply clad with 12mm thick Acoustical panels on both side.	ANUTONE	<b>sq. mt.</b>	52				
<b>3</b>	<b>PARTITIONS</b>								
3.1	FRAMING	<b>Full Ht. Partition framing:</b> Providing and fixing G.I. stud partition framing up to 3250mm high including/ comprising of a frame work which includes ( Gyp Serra ) 150GSM Zinc coated G.I. 2mm thick ( 14 SWG thick) 48mm x 32mm as per manufacturer's specification framed at 600 mm c/c both ways with GI. angle cleats screwed with SS screws 35 x 8mm, extra member at skirting level and band level, i/c fixing to floor, walls and ceiling as required with 100mm long SS screws with PVC sleeves, screwed at 600mm centre with the help of nylon sleeves , cutting holes in tubes for electrical conduits & Sanitary pipes.	Gyproc	<b>sqmt .</b>	95				

		<p>Please note- The partitions shall be measured from the finished floor slab to the False ceiling Level for the payment. This also includes necessary cut out required for A/C ducts, cable trays &amp; other services which pass through the partitions and seal the gap with Pypboard and seal the Joint with Acoustic / Fire seal as directed by the Consultant.</p> <p>If the partition line is found aligned with pretensioned tendons than add support on floor slab &amp; roof slab on either sides. DO NOT DRILL ANY HOLES UNDER OR ABOVE PT TENDON LINES. Also including 50mm thick</p> <p>If the height of the partition is more than 3600mm then framing of M.S. sq. tube 50x50x2 have to added @ 1.2m C/C</p> <p>Synth acoustical infill 40Kg/m3 complete as per details.</p>							
3.2	<b>SKIN</b>								
3.2.a		12.5mm Sound block Gypsum	Gyproc	<b>sq. mt.</b>	291.11				
3.2.b		8mm th. Bison board	Bison India	<b>sq. mt.</b>	23.38				
3.2.c		12mm HDHMR	Duro	<b>sq. mt.</b>	23.38				
3.2.d		12mm thick Comm. Ply	Duro/Green	<b>sq. mt.</b>	36.35				
3.3		<b>LOW HEIGHT PARTITION:</b> Providing & fixing low height solid partition up to 1200mm height. The partition framework to be of 50x50 Al. square covered with 12mm	GreenLam/ Merino	<b>sq. mt.</b>	6.72				

		thick Comm. Ply on all sides clad in approved shade of laminate (Greenlam, Merino or equivalent) from both sides, as per detail drawing.							
3.4	Ground Floor Office entrance, Meeting room	<b>SINGLE GLAZED PARTITIONS:</b> Providing and fixing Micra 1-Single glazed Straight partition of Height 2700 mm Section 25x45mm 10mm thickness Toughened Glass (Glass to glass joining is through 2mm thick transparent double sided tape) Design: Anodized Black Aluminium profiles. Al doorframe, Glass Hinges-Geze, Glasskar Lock-Geze, Lever Handle-Geze Door Stopper-Geze & Door Closure with saddle plate-Geze, complete in all respect	LIKOS (MICRA 1) / Alloy	sq. mt.	8.5				
3.5	Ground Floor Railing Jacketing	<b>RAILING JACKETING:</b> Existing railing to be clad with 12mm thick Comm. Ply on both sides with wooden frame work treated with anti-termite chemical to align the surface & maintain plumb level. Clad with 1mm thick laminate of approved finish on all sides. Including making provision of electrical points & circuits.	GREENLAM STURDO, MERINO OR EQUIVALENT	sq. mt.	16.3				



3.6	WASHROOM S	<b>WC PARTITION SYSTEM:</b> Providing & Fixing WC Cubical of MERINO BACCHUS or equivalent. The doors and pilaster shall be of 12 mm thick, solid compact laminate of approved shade. All pilasters shall rest on polyamide adjustable for & anchored to the divisional walls by anodized U channels. The pilaster shall be finished with anodized heavy duty channel at the top rail. all edges of doors and pilaster are chamfered and finished without any metal trimming, fixing of pilaster to the wall shall be done with anodized heavy duty channels each cubical shall be equipped with door knob, coat hook, steel hinges with polyamide cover, privacy thumb-turn & indicator, necessary cut out for fixtures & fitting etc. complete as per design drawing & as directed by Architect.	GREENLAM STURDO, MERINO OR EQUIVALENT	nos.	5				
4	SKIRTING								
4.1		<b>ALUMINUM SKIRTING :</b> Providing and fixing 65mm high Aluminium extrude skirting profile make BOTTOMLINE of approved colour/shade anodised finish. Skirting screwed onto partitions/wall. Bottom of skirting to have 10mm groove, Price inclusive of all accessories & installations on site.	BOTTOM LINE	rmt.	115				

4.2		<b>TILE SKIRTING:</b> Providing & fixing Skirting/ horizontal 100 MM HIGH band including 12-15mm thick base coat in cement sand mortar 1:3 and fixing of tile/stone in approved pattern in cement slurry, filing joints in white cement pigmented to approved shade		rmt.	42				
-----	--	---	--	------	----	--	--	--	--

5	DOORS	Description	Make	Unit	Qty.	Rate	Amount	Tax	Total
5.1	GROUND FLOOR OFFICE ENTRANCE / MEETING ROOM	<b>SINGLE LEAF MODULAR GLASS DOOR:</b> Door frame with glass shutter-SL-Micra-I Door frame Section size 25x45mm extruded AL. profile Shutter: 10mm thick toughened glass shutter.  (Includes Glass Lock-Geze, Glass hinges-Geze, Lever Handle Geze, Door Closure-Geze, Door Stopper-Geze) door hardware are Geze in black SS Finish Glass shutter & drop seal not included	LIKOS (MICRA 1) FITTINGS: GEZE/ DORSET						
		SIZE: 1050MM X 2700MM		nos.	1				
		SIZE: 900MM X 2400MM		nos.	1				
5.2	CMD ROOM ENTRANCE DOOR	<b>VENEER FLUSH DOOR:</b> Providing and fixing 32mm thick solid core flush shutter with 4mm thick veneer of approved design on both sides finished in melamine polish of approved shade including 100mm x 62mm Oak wood door frame with alround architrave 40mm x 18mm Oak wood architrave. Rate to include necessary hardware viz., door stopper, door buffer, pair of lever handle, Mortise Lock and Euro Profile Cylinder - Key and Knob 70mm SS, 4 Nos.	SPACEWOOD/ TURII	nos.	3				

		SS 2 ball-bearing hinges - (127mm x 76mm x 2.5mm), door closer (all of approved make and quality), ZERO VOC or NO VOC Duco painted door frame of approved shade, etc., complete as directed. SIZE: 800 X 2400 MM							
	WASHROOM / STORE	<b>LAMINATED FLUSH DOOR:</b> Providing and fixing 35mm thick solid core flush shutter with 1mm thick laminate on both sides as per approved shade including 100mm x 62mm Oak wood door frame with alround architrave 40mm x 18mm Oak wood architrave. Rate to include necessary hardware viz., door stopper, door buffer, pair of lever handle, Mortise Lock and Euro Profile Cylinder - Key and Knob 70mm SS, 4 Nos. SS 2 ball-bearing hinges - (127mm x 76mm x 2.5mm), door closer (all of approved make and quality), ZERO VOC or NO VOC Duco painted door frame of approved shade, etc., complete as directed. SIZE: 800 X 2400 MM	SPACEWOOD / TURII	nos.	3				
5.3	CMD WASHROOM	<b>CONCEALED FLUSH DOOR:</b> Providing and Fixing concealed 35mm thick solid core flush door shutter with concealed door frame in panelling with concealed hinges Rate to include necessary hardware all of approved make and quality), ZERO VOC or NO VOC Duco paint finish for all exposed surfaces of MDF Exterior Grade	SPACEWOOD / TURII	nos.	1				

		members, etc., complete as directed. SIZE: 800X 2400 MM							
5.4	CANTEEN ENTRANCE DOOR	<b>DOUBLE LEAF MS. GLAZED DOOR:</b> Providing and fixing 40X75mm M.S. door style in powder coating finish as per approved shade including 100mm x 62mm M.S. door frame in powder coating finish. Rate to include necessary hardware viz., door stopper, door buffer, pair of 1000 long H shaped pull handle , Mortise dead Lock and Euro Profile Cylinder - One side Key 70mm SS, 4 Nos. M.S. 2 ball-bearing hinges - (127mm x 76mm x 2.5mm), door closer (all of approved make and quality), ZERO VOC or NO VOC Duco painted door frame of approved shade, etc., complete as directed. SIZE:1500 X 2400 MM		nos.	1				
5.5	CANTEEN KITCHEN ENTRANCE & EXIT DOORS	<b>METAL DOOR WITH VISION PANEL:</b> Providing and fixing Metal door shutter in powder coating finish as per approved shade including 100mm x 62mm M.S. door frame in powder coating finish with vision panel of 200x450mm. Rate to include necessary hardware viz., door stopper, door buffer, pair of 1000 long H shaped pull handle , Mortise dead Lock and Euro Profile Cylinder - One side Key 70mm SS, 4 Nos. M.S. 2 ball-bearing hinges - (127mm x 76mm x 2.5mm), door closer (all of approved make and		nos.	2				

		quality), ZERO VOC or NO VOC Duco painted door frame of approved shade, etc., complete as directed. SIZE: 1000 X 2400 MM							
5.6	CANTEEN KITCHEN ENTRANCE DOOR / POT WASH DOOR	<b>DOUBLE ACTION FLUSH DOOR:</b> Providing and fixing 35mm thick solid core flush shutter with 1mm thick laminate on both sides as per approved shade including 100mm x 40mm Sal wood door frame with alround architrave 40mm x 18mm Sal wood architrave. Rate to include necessary hardware viz., door stopper, door buffer, pair of S.S. Push & Kick plates, Mortise dead Lock and Euro Profile Cylinder - One side Key 70mm SS, 4 Nos. SS 2 ball-bearing hinges - (127mm x 76mm x 2.5mm), door closer (all of approved make and quality), ZERO VOC or NO VOC Duco painted door frame of approved shade, etc., complete as directed. SIZE:1000 X 2400 MM	SPACEWOOD / TURII	<b>nos.</b>	2				
<b>6</b>	<b>FLOORING</b>								
6.1	MEETING ROOM, CMD ROOM & LOUNGE	<b>CARPET TILE FLOORING:</b> Providing and laying approved carpet in tiles with the following specifications at all levels and locations including wastage, necessary hardware, fixing glues after installation, cleaning and shampoo wash, etc. complete to architects requirement, design, pattern, cut-outs at junction boxes etc. complete. Tiles to have Rectangular patterns	INTERFACE CARPET	<b>sq. mt.</b>	33.66				

		design 300mmx1200mm. Rate should include the covering of carpet with protective sheets.							
6.2	GROUND & BASEMENT OFFICE FLOORS	<b>CARPET PLANK FLOORING:</b> Providing and laying approved carpet in plank with the following specifications at all levels and locations including wastage, necessary hardware, fixing glues after installation, cleaning and shampoo wash, etc. complete to architects requirement, design, pattern, cut-outs at junction boxes etc. complete. Tiles to have Rectangular patterns design 300mmx1200mm. Rate should include the covering of carpet with protective sheets.	INTERFACE CARPET	sq. mt.	219.61				
6.3	STAIRS, WASHROOMS, OFFICE & CANTEEN	<b>GRANITE STEPS, BANDS, LEDGE TOPS, THRESHOLD &amp; JAMBS:</b> Providing and laying Granite slab of approved sample, size & pattern on steps, bands, Ledge tops, thresholds & jambs as mentioned in the drawing / instruction of designer, on an average bed of 50mm thick cement mortar 1:3, with neat cement float, grouting joints with cement paste with pigmented additives matching the shade of the stone, inclusive of surface preparation, sealer coat and pre - polish with necessary compounds to the satisfaction of Designer, protecting the		sq. mt.	75				

		<p>floor with POP sheets till handover to QCI etc. complete.</p> <p>The rate shall be inclusive of Stain proof coat from top, making of grooves for steps, nosing &amp; edge polishing.</p>							
6.4	BASEMENT & GROUND OFFICE FLOORS & 2ND FLOOR CMD OFFICE	<p><b>SELF LEVELING FLOOR:</b> Providing &amp; Laying of 2mm thick self-levelling flooring to get a uniform surface under all carpet areas. Then applying Neo-filler Base Coat (two coats). Once the second coat has dried, sanding the surface with a 60 grid and removing the dust. Apply first Neo-cement Coat; (Mix all 3 components until obtaining a relatively pasty mortar with good sag resistance). Once the coat has dried, apply second Neo-cement coat. Once the second coat has dried, sand the surface with a 150 or 220 grid and remove the dust. Apply the desired protective top coat depending on intended use of the surface and location. All to be complete as per the engineer in charge.</p>	ARDEX	sq. mt.	253. 27				
6.5	WASHROOM S/ PANTRY / 2ND FLOOR CMD HOLDING AREA / BASEMENT & GROUND FLOOR OFFICE / CANTEEN	<p><b>VITRIFIED TILE FLOORING:</b> Providing and Laying Satin finish Fully Vitrified Tile Flooring of size 600 X 600 mm of first quality , over average 65 mm thick cement sand mortar 1:4, including surface preparation , laying of floor with 3 to 4 mm joint using plus shape spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade</p>	SOMANY / JHONSON	sq. mt.	54.1 2				

		for all type of pattern / shapes including cleaning curing, oxalic acid washing etc. complete as per the drawing & detail & directed by architect, inclusive of protection sheet to be laid on the flooring to protect the tiles from scratches and finish ( Note: Vitrified tiles to be of straight/ sharp edges)							
6.6	BASEMENT STORE	<b>CERAMIC TILE FLOORING:</b> Providing and Laying Satin finish Ceramic Tile Flooring of size 300 X 300 mm of first quality , over average 65 mm thick cement sand mortar 1:4, including surface preparation , laying of floor with 2 mm joint using plus shape spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade for all type of pattern / shapes including cleaning curing, oxalic acid washing etc. complete as per the drawing & detail & directed by architect, inclusive of protection sheet to be laid on the flooring to protect the tiles from scratches and finish ( Note: Vitrified tiles to be of straight/ sharp edges)	SOMANY / JHONSON	sq. mt.	5				



6.7	CANTEEN / BASEMENT & GROUND FLOOR OFFICE	<b>VITRIFIED TILE FLOORING:</b> Providing and Laying Satin finish Fully Vitrified Tile Flooring of size 800 X 1600 mm of first quality , over average 65 mm thick cement sand mortar 1:4, including surface preparation , laying of floor with 3 to 4 mm joint using plus shape spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade for all type of pattern / shapes including cleaning curing, oxalic acid washing etc complete as per the drawing & detail & directed by architect, inclusive of protection sheet to be layered on the flooring to protect the tiles from scratches and finish ( Note: Vitrified tiles to be of straight/ sharp edges)	SOMANY / JHONSON	<b>sq. mt.</b>	124. 36					
-----	---	---	---------------------	--------------------	------------	--	--	--	--	--

6.8	CANTEEN KITCHEN / POT WASH AREA & PREP AREA	<b>KOTA STONE FLOORING:</b> Providing and Laying Satin finish Kota stone Flooring of size 500 X 500 mm of good quality , over average 50 mm thick cement sand mortar 1:4, including surface preparation , laying of floor without gaps & spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade for all type of pattern / shapes including cleaning curing, washing etc. complete as per the drawing & detail & directed by architect, inclusive of protection sheet to be laid on the flooring to protect the tiles from scratches and finish ( Note: Vitrified tiles to be of straight/ sharp edges)		sq. mt.	53				
6.9	WASHROOM & CANTEEN	<b>GRANITE COUNTER &amp; LEDGE TOP:</b> Providing And Fixing 18 mm Granite Over counter, ledge top & counter facia Including The Cost Of Cutting, Fixing As Decided By The Architect/Engineer. Rates Are Inclusive Of edge polishing, Edge Cut-outs For Basin.		sq. mt.	5				

6.10	CMD WASHROOM	<b>BLACK MARQUINA COUNTER &amp; LEDGE TOP:</b> Providing And Fixing 18 mm Black Marquina Over counter, ledge top & counter facia Including The Cost Of Cutting, Fixing As Decided By The Architect/Engineer. Rates Are Inclusive Of edge polishing, Edge Cut-outs For Basin.		sq. mt.	2				
7	<b>WALL FINISHES/ PAINTING WORK</b>								
7.1		<b>PUTTY-WALL:</b> Application of JK / Birla or equivalent Putty to wall surfaces. Putty not to be applied on those surfaces which are getting panelled. All wall surfaces to be marked for putty work and approval taken.	JK/ BIRLA	sq. mt.	1650				
7.2		<b>PUTTY-CEILING:</b> Same as above but for ceilings.	JK/ BIRLA	sq. mt.	250				
7.3		<b>PLASTIC EMULSION PAINT-WALL:</b> Supply and application of washable interior grade 3-in-1 plastic emulsion paint on walls with 1 coat of wall-primer and 2 or more coats of plastic emulsion paint as per manufacturer's specifications etc. all complete. All painting final coats to be done after removal of face plates of switch boards in coordination with the electrical contractor and face plates to be fixed only after satisfactory completion of painting.	ASIAN PAINT/ DULUX OR EQUIVALEN T	sq. mt.	1650				
7.4		<b>PLASTIC EMULSION PAINT - CEILING:</b> Same as above but for ceilings.	ASIAN PAINT/ DULUX OR EQUIVALEN T	sq. mt.	370				

7.5	BASEMENT & GROUND OFFICE FLOORS	<b>PU-PAINT:</b> Providing and applying to surfaces pu paint on partition, including base preparation, filling, jointing sanding, staining etc., in perfect intensity and level.	ICA/ Sirca/ Asian	<b>sq. mt.</b>	55				
7.6	BASEMENT STORE / CANTEEN	<b>OBD-PAINT:</b> Providing and applying to surfaces Oil Bound Distemper paint on partition, wall & ceiling, including base preparation, filling, jointing sanding, staining etc., in perfect intensity and level.	ASIAN PAINT/ DULUX OR EQUIVALENT	<b>sq. mt.</b>	100				
7.7	CERAMIC TILE DADO	<b>CERAMIC TILE DADO:</b> Providing and Laying Satin finish Ceramic Tile Flooring of size 600 X 600 mm of first quality, cladding on wall up to bottom of false ceiling in proper plumb with 2 mm. joint using plus shape spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade for all type of pattern / shapes including cleaning curing, oxalic acid washing etc. complete as per the drawing & detail & directed by architect, inclusive cutting of tiles for electrical & plumbing fixtures. The corner edges to have PVC corner profile ( Note: Vitrified tiles to be of straight/ sharp edges)	SOMANY / JHONSON	<b>sq. mt.</b>	68.4				
7.8	CERAMIC TILE DADO LADIES & GENT'S WASHROOMS	<b>CERAMIC TILE DADO:</b> Providing and Laying Satin finish Ceramic Tile Flooring of size 600 X 1200 mm of first quality, cladding on wall up to bottom of false ceiling in proper plumb with 2 mm joint using plus	SOMANY / JHONSON	<b>sq. mt.</b>	60.67				

		shape spacer, as per specifications joints finished with epoxy based joint filler pigmented to approved shade for all type of pattern / shapes including cleaning curing, oxalic acid washing etc. complete as per the drawing & detail & directed by architect, inclusive cutting of tiles for electrical & plumbing fixtures. The corner edges to have PVC corner profile ( Note: Vitrified tiles to be of straight/ sharp edges)							
<b>8</b>	<b>WALL PANELLING</b>								
8.1	MEETING ROOM / CMD OFFICE	<b>MAGNETIC LACQUERED GLASS WRITING BOARD:</b> Providing and fixing 4mm+4MM thick. LACQUERED glasses with metal sheet of Saint Gobain make and colour. Writing board to be stuck with 3 metre TAPE. On existing ply surface with colour protective PVC film, glass with edge polishing. (glass of Saint Gobain make )	SAINT GOBAIN	<b>sq. mt.</b>	12				
8.2		<b>BOXING:</b> Providing and fixing Plywood boxing in locations as per drawing with 12mm plywood over necessary Al. framework of 16 gauge of size 25x40/ 50x50 at 450 to 600 c/c in size finished with 1mm thick Laminate in suede finish. Rate to include providing grooves, shapes all as per drawing, hardware all complete. Surface area of panelling around the boxing will be	GREENPLY, MERINO OR EQUIVALENT	<b>sq. mt.</b>	75				

		measured for payment.							
8.3		<b>WOODEN PANELLING:</b> Providing and fixing 12mm thick MDF and finished with PU machine polish including all the necessary surface preparations, final finish etc. complete of approved shade, colour & texture including teakwood moulding of 3mm size all around the periphery wherever required as directed by engineering in-charge.	GREENPLY, CENTURY OR EQUIVALEN T	sq. mt.	20				
8.4		<b>VENEER PANELLING:</b> Providing and fixing veneer Panelling of 4 mm veneer on 12 mm thick mdf/PLY and finished with PU machine polish including all the necessary surface preparations, final finish etc. complete of approved shade, colour & texture including teakwood moulding of 3mm size all around the periphery as directed by Architect.	GREENPLY, MERINO OR EQUIVALEN T	sq. mt.	6				
8.5		<b>WALLPAPER:</b> Providing & installation of vinyl base wall paper on the finished surfaces. The surfaces shall be thoroughly cleaned, line and level on all sides, dried and made free of all loose dirt, chalk, grease, fungus and algae, wax or flanking paint. Unwanted elements, hardware, clamps etc. shall be removed to make	MIRAKI	sq. mt.	25				

		surface clean. The item also includes doing necessary touching work wherever required, by pop/putty for application. To shape actual areas on site will be considered for the measurement purpose. Wall paper of 180 GSM non-woven on wall and partitions as per drawing.							
8.6		<b>WALL-GRAPHICS:</b> Providing & installation of vinyl base digital printed wall graphic on the finished surfaces. The surfaces shall be thoroughly cleaned, line and level on all sides, dried and made free of all loose dirt, chalk, grease, fungus and algae, wax or flanking paint. Unwanted elements, hardware, clamps etc. shall be removed to make surface clean. The item also includes doing necessary touching work wherever required, by pop/putty for application. To shape actual areas on site will be considered for the measurement purpose. Wall paper of 180 GSM non-woven on wall and partitions as per drawing.	MIRAKI	sq. mt.	35				

8.7		<b>GLAZED TILE DADO WORK (TOILET):</b>  Providing and fixing of wall tiles of 1200x600 mm size or approved size of approved colour, design and make over a base plaster of 15mm thick on the brick work and 12 mm thick cement plaster 1:4 levelling course and filling / grouting the joints with white cement slurry mixed with approved matching colour with tiles at all levels with all required tools, materials and labour required to complete the work in all respects as directed by the Architect. The scope work is also inclusive of disposal of debris. The Basic cost of the tile is Rs.100.00 per sq. ft. No extra claim towards wastage.	SOMANY / JHONSON	<b>sq. mt.</b>	150				
8.8		<b>GLAZED TILE DADO WORK (TOILET):</b>  Providing and fixing of wall tiles of 300x600 mm size or approved size of approved colour, design and make over a base plaster of 15mm thick on the brick work and 12 mm thick cement plaster 1:4 levelling course and filling / grouting the joints with white cement slurry mixed with approved matching colour with tiles at all levels with all required tools, materials and labour required to complete the work in all respects as directed by the Architect. The scope work is also inclusive of disposal of debris.	SOMANY / JHONSON	<b>sq. mt.</b>	230				



9.1	CMD ROOM	<b>FULL HEIGHT STORAGE UNIT:</b> Providing and fixing in position 450 mm deep storage cabinet as directed made out of approved quality 19 mm thick MR grade borer & termite resistant Comm. ply. Shutter shall be of 8 mm thick toughened glass in Al. frame with all hardware like concealed hinges, magnetic catchers, stainless steel handles, locks etc. complete as per sample approved. All exposed surfaces of the cabinet including shelves to be finished with 4 mm thick veneer in Melamine polish finish of approved make and shade as per design. Rate to include providing 8mm thick BWP ply, providing and TW lipping to exposed edges of Comm. ply, polishing/painting etc. complete.	GREENPLY, MERINO OR EQUIVALENT	sq. mt.	2.16					
-----	----------	---	--------------------------------	---------	------	--	--	--	--	--

9.2	PANTRY & Gr. Floor	<p><b>PANTRY &amp; BEVERAGE COUNTER UNDER COUNTER STORAGE:</b></p> <p>Supplying pre-fabricated/factory made modular kitchen units below main kitchen platform having approx. 800 mm height and 610 mm depth as per the following specifications and enclosed drawings. The frame work or carcass of the cabinets including drawer fascia/sides /bottom, shelves etc. shall be made out of 19 mm thick marine plywood (of make like Green ply/Century Ply/ Kit ply or equivalent of grade of boiling water proof and moisture resistant) with laminate of inside of 0.6 mm and 1.0 mm laminate of approved finish. Panel Shutters shall be made out of 19mm thick HDF of approved make like Spacewood/INOPAN/PARAC ASA or equivalent of grade of boiling water proof and moisture resistant. Each shutter shall be fixed to the framework using two numbers of soft close auto hinges of make Hettich, KAFF or approved equivalent make and Handle G profile for all drawers' doors of reputed approved make. Each drawer, the fascia shall be made out of 19mm thick HDF with laminate on both sides and baskets of stainless steel 304 grade with all accessories (sample of baskets to be approved by engineering. in charge )</p>	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	6.04				
-----	-----------------------	--	--	---------	------	--	--	--	--

		<p>It shall be mounted on approved quality, high precision soft closed telescopic channels of make Kaff, Hettich, Hafele or approved equivalent of 45 kg capacity to be designed as per drawer size and to meet the weight requirement with minimum length of 20 inch to ensure smooth movements of drawer with/without content weights.</p> <p>The telescopic channel rails may be provided as per specifications.</p>							
9.3	PANTRY	<p><b>PANTRY OVERHEAD STORAGE:</b></p> <p>Supplying pre-fabricated/factory made overhead kitchen wall units above main kitchen platform having box type overhead units of 1240 mm height and 350 mm depth as per the following specifications and enclosed drawings. The frame work or carcass of the cabinets including fascia/sides /bottom, shelves etc. shall be made out of 19 mm thick marine plywood (of make like Green ply/Century Ply/ Kit ply or equivalent of grade of boiling water proof and moisture resistant) with laminate of inside of 0.6 mm and 1.0 mm laminate of glossy finish Panel Doors shall be made out of 19mm thick HDF with glossy finish (with 10 years' warranty) of make like Spacewood/INOPAN/PARACAS A or equivalent of grade of boiling water proof and moisture resistant. Each shutter shall be fixed to the framework using two numbers of soft close auto hinges of make Hettich, KAFF or approved equivalent make and Handle G</p>	<p>GREENPLY, MERINO, ORNARE OR EQUIVALENT</p>	sq. mt.	5.18				

		profile of reputed/approved make.							
9.4	CMD WASHROOM	<p><b>VANITY (CMD TOILET):</b>  Supplying pre-fabricated/factory made modular vanity units of size 1785x 600x650 mm and 1000x600x650 as per the following specifications and enclosed drawings. The frame work or carcass of the cabinets shall be made out of 19 mm thick marine plywood (of make like Green ply/Century Ply/ Kit ply or equivalent of grade of boiling water proof and moisture resistant) with laminate of inside of 0.6 mm and 1.0 mm laminate of approved finish. Panel Shutters shall be made out of 19mm thick HDF of grade of boiling water proof and moisture resistant.</p> <p>Each shutter shall be fixed to the framework using two numbers of soft close auto hinges of make Hettich, KAFF or approved equivalent make and Handle G profile for all drawers' doors of reputed approved make.</p>	GREENPLY, MERINO, ORNARE OR EQUIVALENT	NOS.	2				

9.5	OPEN OFFICE	<b>TROUGH FOR PLANTERS</b> <b>ABOVE LOW HT. STORAGES:</b> Providing & fixing of 150mm High troughs, made of 18mm thick BWP plywood of approved make over existing Storage top, all outer sides & surfaces (all visible area) shall be finished with qmm thick Laminate of approved make & colour. All other finishes shall be done as per detail drawings and as per instructions of architect / designer in charge. Sides & bottom shall be made of 18 mm thick BWP plywood & back side shall be made of 6mm thick BWP plywood. The work shall be measured base on area of top plan of each storage unit. The rate to include all materials, labour, transport, taxes, delivered and placed in position at site of work. As per approved hardware list.		NOS.	12				
		1350X400		NOS.	1				
		900X400		NOS.	8				
		750X400		NOS.	1				
		600X400		NOS.	1				
9.6	LADIES WASH ROOM	<b>JANITOR CLOSET STORAGE:</b> Supplying pre-fabricated/factory made Janitor closet wall units of 2400 mm height and 350 mm depth as per the following specifications and enclosed drawings. The frame work or carcass of the cabinets including fascia/sides /bottom, shelves etc. shall be made out of 19 mm thick marine plywood (of make like Green ply/Century Ply/ Kit ply or equivalent of grade of boiling water proof and moisture resistant) with laminate of inside of 0.6 mm and 1.0 mm laminate of glossy finish Panel Doors		sq. mt.	1.8				

		shall be made out of 19mm thick HDF with glossy finish (with 10 years' warranty) of make like Spacewood/INOPAN/PARAC ASA or equivalent of grade of boiling water proof and moisture resistant. Shutter shall be fixed to the framework using two numbers of soft close auto hinges of make Hettich, KAFF or approved equivalent make and Handle G profile of reputed/approved make.							
	BASEMENT OFFICE	<b>FIXED BOX FOR BASEMENT COLUMN</b>		sq. mt.	3.78				
	BASEMENT OFFICE	<b>SEATING POD IN BASEMENT</b> 2015 W X 2100 Ht. X 650 D							
	OPEN OFFICE	<b>OVERHEAD STORAGE:</b> Supplying pre-fabricated/factory made overhead wall units above workstations having box type overhead units of 900 mm height and 350 mm depth as per the following specifications and enclosed drawings. The frame work or carcass of the cabinets including fascia/sides /bottom, shelves etc. shall be made out of 19 mm thick Comm. plywood (of make like Green ply/Century Ply/ Kit ply or equivalent of grade termite resistant) with laminate of inside of 0.8 mm and 1.0 mm laminate of satin finish Panel Doors shall be made out of 19mm thick Comm. ply with satin finish (with 10 years' warranty) of make like Spacewood/INOPAN/PARACASA or equivalent. Each shutter shall be fixed to the framework using two numbers of soft close auto hinges of make	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	7.12				

		Hettich, KAFF or approved equivalent make and drop finger grip Handle profile.							
	OPEN OFFICE	<b>OPEN SHELF OVERHEAD STORAGE:</b> Supplying pre-fabricated/factory made overhead wall units above workstations having 900x400 mm M.S. tube frame (25X40mm) in powder coating finish of approved shade with two 350 mm deep 25mm thick laminated shelves (of make like Green ply/Century Ply/ Kit ply or equivalent of grade termite resistant) on Titan fittings as per the following specifications and enclosed drawings. (With 10 years' warranty) of make like Spacewood/INOPAN/PARACAS A or equivalent.	GREENPLY, MERINO, ORNARE OR EQUIVALENT	rmt.	46.2				
	GROUND FLOOR	<b>STORAGE/SCREEN:</b> Supplying pre-fabricated/factory made storage / screen with 25x25mm M.S. frame as per design finished in enamel paint of approved finish with laminated storage units made of 19mm th. Comm. Ply clad with 1mm th. Laminate of approved shade on external surfaces & 0.8mm th. laminate of approved shade on all internal surfaces. Including open shelves & laminated trough for planters all including soft closing hinges, magnetic catchers, locks etc. complete to the satisfaction of the designer in-charge.	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	9.96				

	CANTEEN	<b>HIGH BREAKFAST COUNTER:</b> Built at site 40mm thick 400mm deep Laminated breakfast counter in loop design supported by low ht. partition from side & below the counter & from slab top as per design including 50mm Dia. S.S. Foot rail complete to the satisfaction of the designer in-charge	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	26.4				
	CANTEEN	<b>BUFFET COUNTER :</b> Supplying pre-fabricated/factory made 750mm deep Buffet counter with laminated unit made of 19mm thick Comm. Ply clad with 1mm thick Laminate of approved shade on external surfaces & 0.8mm thick laminate of approved shade on all internal surfaces. All including soft closing hinges, magnetic catchers, locks etc. complete to the satisfaction of the designer in-charge.	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	3.15				
	CANTEEN	<b>LUNCH STORE UNIT:</b> Supplying pre-fabricated/factory made 400mm deep canteen storage laminated unit made of 19mm thick Comm. Ply clad with 1mm thick Laminate of approved shade on external surfaces & 0.8mm thick laminate of approved shade on all internal surfaces. All including soft closing hinges, magnetic catchers, locks etc. complete to the satisfaction of the designer in-charge.	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	4.90				
	CMD ROOM	<b>WARDROBE:</b> Supplying pre-fabricated/factory made 600mm deep laminated wardrobe storage unit made of 19mm thick Comm. Ply clad with 1mm thick Laminate of approved shade on external surfaces & 0.8mm thick laminate of approved shade on all internal surfaces. All	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	2.40				



		including Handles, self-lit hanging rod, soft closing hinges, soft closing telescopic channels, magnetic catchers, locks etc. complete to the satisfaction of the designer in-charge.							
	BASEMENT	<b>STORAGE BELOW STAIRS:</b> Providing & fixing of storage unit under stairs made of 19mm thick BWP ply clad with 1mm thick Laminate of approved shade on all external surfaces & 0.8mm thick Laminate in all internal surfaces. With Pull out units to hang jackets, umbrella etc. including all hardware & fittings required. Surfaces are to be measured.	GREENPLY, MERINO, ORNARE OR EQUIVALENT	sq. mt.	3.50				
	MDF JAMB	<b>MDF-JAMB:</b> Providing & fixing of 112 wide 19mm thick Exterior grade MDF jamb finished in PU paint of approved shade.		rmt.	24.00				

10	FURNITURE	Description	Make	Unit	Qty	Rate	Amt	Tax	Total
10.1		<b>LINEAR WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1050 W X 600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	3				
10.2		<b>LINEAR WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1200 W X 600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm dia. Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	63				

10.3		<b>LINEAR WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1350 W X600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	9						
10.4		<b>LINEAR WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1500 W X600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	8						

10.5		<b>L-SHAPED WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1500X1400 W X600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	4					
10.6		<b>L-SHAPED WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 2100X1450 W X600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management : Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	4					

10.7		<b>EXECUTIVE LINEAR WORKSTATIONS WITH PRIVACY SCREENS:</b> MODEL:- COLLABORATE, SIZE:- 1800 W X 600 D X 750 HT WITH 450HT SCREEN in fabric, Specifications Table Top - 25mm thick Pre laminate particle board with 2mm PVC edge lipping. Support - MS powder coated leg of with die cast connectors and supporting MS cross beams. Main Screen:- 8mm Colored fabric Screen On Studs Wire Management: Vertical Raceway with built in separator for power and data of size 250H X 70mm thick with provision to mount switches and sockets on laminate facia with Vertical Wire Entry cover for wire uptake from floor to raceway with 65mm Dia Wire Manager Grommet.	FEATHERLITE/ VIAK	NOS.	2				
10.8		<b>CHAIR FOR WORKSTATION:</b> MODEL: ASTRO HB <ul style="list-style-type: none"> <li>• Astro Medium Back Mesh Chair</li> <li>• Headrest</li> <li>• AC 60 Mesh</li> <li>• Fabric Upholstered Cushion Seat</li> <li>• Single Lock Synchro Mechanism</li> <li>• Adjustable Lumbar Support</li> <li>• One Way Adjustable Arms (Height)</li> <li>• Nylon Base Colour : Black</li> </ul>	FEATHERLITE/ VIAK	NOS.	91				
10.9		<b>CHAIR FOR MEETING ROOM:</b> MODEL: ASTRO HB <ul style="list-style-type: none"> <li>• Astro Medium Back Leatheritte Chair</li> <li>• Headrest</li> <li>• AC 60 Mesh</li> <li>• Fabric Upholstered Cushion Seat</li> <li>• Single Lock Synchro Mechanism</li> <li>• Adjustable Lumbar Support</li> <li>• One Way Adjustable Arms (Height)</li> <li>• Nylon Base Colour : Black</li> </ul>	FEATHERLITE/ VIAK	NOS.	6				

10.10		<b>CAFE CHAIR FOR CANTEEN :</b> MODEL: ASTRO HB <ul style="list-style-type: none"> <li>• Astro Medium Back Plastic Chair, Plastic Seat &amp; back with S.S. chrome finish leg.</li> </ul>	FEATHERLITE/ VIAK	<b>NOS.</b>	30				
10.11		<ul style="list-style-type: none"> <li>• <b>LEAF BARSTOOL FOR CANTEEN:</b> Polypropylene Seat &amp; Back</li> <li>• Powder-coated Legs Colour: Black , White , Red, Orange &amp; Green</li> </ul>	FEATHERLITE/ VIAK	<b>NOS.</b>	12				
10.12		<b>THREE SEATER SOFA ON 2ND FLOOR WAITING LOUNGE:</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.13		<b>THREE SEATER SOFA ON 2ND FLOOR CHAIRMAN'S WAITING LOUNGE:</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.14		<b>TWO SEATER SOFA ON GROUND FLOOR :</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.15		<b>ACCENT CHAIR FOR CMD WAITING LOUNGE ON 2ND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	2				
10.16		<b>ACCENT CHAIR FOR WAITING LOUNGE ON 2ND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.17		<b>ACCENT CHAIR FOR COLLABORATION AREA ON GROUND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.18		<b>ACCENT CHAIR FOR BASEMENT FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.19		<b>COFFEE TABLE FOR CMD WAITING LOUNGE ON 2ND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	2				
10.20		<b>COFFEE TABLE FOR WAITING LOUNGE ON 2ND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.21		<b>COFFEE TABLE FOR COLLABORATION AREA ON GROUND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.22		<b>COFFEE TABLE FOR BASEMENT FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.23		<b>CENTER TABLE FOR CMD WAITING LOUNGE ON 2ND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				

10.24		<b>CLUSTER OF CENTER TABLES FOR COLLABORATION AREA ON GROUND FLOOR</b>	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.25		<b>HIGH MEETING TABLE FOR MEETING ROOM:</b> SIZE:2400W X 1000D X 1050HT TABLE TOP Material Specifications same as of linear work station	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.26		<b>EXECUTIVE MEETING TABLE ON GROUND FLOOR:</b> MODEL:- COLLABORATE SIZE:- 2100 W X 750 D X 750 HT TABLE TOP Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge lipping on all exposed edges Support: End Legs: MS powder coated colours legs Intermediate Legs: MS powder coated 60X40mm legs and supporting MS cross beams (40X20mm) Wire Management: 1 no's of 450mm Flip up with provision to mount switches and sockets is considered along with cable tray is provided below work surface.	FEATHERLITE/ VIAK	<b>NOS.</b>	1				
10.27		<b>CIRCULAR DISCUSSION TABLE ON 2ND FLOOR:</b> MODEL:- COLLABORATE SIZE:- 900 Dia X 750 HT TABLE TOP Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge lipping on all exposed edges Support: End Legs: MS powder coated colours legs Intermediate Legs: MS powder coated 60X40mm legs and supporting MS cross beams (40X20mm) Wire Management: 1 no's of 450mm Flip up with provision to mount switches	FEATHERLITE/ VIAK	<b>NOS.</b>	1				

		and sockets is considered along with cable tray is provided below work surface.							
10.28		<b>CHAIR FOR CMD ROOM VISITOR &amp; DISCUSSION TABLE ON 2ND FLOOR:</b> MODEL: INVENTION MB FP Invention Medium Back Chair with Multi-lock Mechanism , Gas-lift & Two Way Adjustable Arms (Height & Swivel) with Chrome Base - Leatherette Seat & Back Colour : Black , Brown	FEATHERLITE/ VIAK	<b>NOS.</b>	6				
10.29		<b>EXECUTIVE CHAIR:</b> MODEL:- HELIX HB WITH NECK SUPPORT EXECUTIVE CHAIR * High Back with Head Rest * Mesh Back * Cushioned Seat Grey in Colour * Multi-lock Mechanism * Height Adjustable Arms * Seat Adjustable * Nylon Base Colour : Grey	FEATHERLITE/ VIAK	<b>NOS.</b>	2				
10.30		<b>CMD TABLE ON 2ND FLOOR:</b> MODEL:-ENRICH MAIN TABLE :- 2400 W X 1000 D X 750 HT TABLE TOP SIDE STORAGE :- 1200W X 450D X 750HT Specifications Table Top: 25mm thick Pre laminate particle board with 2mm PVC edge lipping on all exposed edges(Straight/Reverse waterfall edge) Support: End Legs: Enrich legs Modesty Panel: 18mm thick pre lam board with 2mm PVC edge lipping of 450mm Ht. Wire Management: 450mm Aluminium Flip Up and provision to mount switches and sockets on PVC cable dump and Vertical wire entry cover or vertebra for wire	FEATHERLITE/ VIAK	<b>NOS.</b>	1				



		uptake from floor to cable dump							
10.31		<b>CHAIR FOR DIRECTOR'S ROOM:</b> MODEL: INVENTION HB FP Invention High Back Chair with Multi-lock Mechanism , Gas-lift & Two Way Adjustable Arms (Height & Swivel) with Chrome Base - Leatherette Seat & Back Colour : Black , Brown	FEATHERLITE/VIK	NOS.	1				
10.32		<b>FULLY UPHOLSTERED SOFA:</b> Providing and making Sofa chairs (AS PER SHARED FF&E DOCUMENT) 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 upholstered to shape with fabric (basic price Rs.1000/m) for the rear of the back also and the under surface of the seat finished with Gada cloth 19mm ply below seat. Note: (For sofas materials like foam, latex rubber, gada cloth, spring, fabric etc., to be approved by the Designer. Shop drawing to be approved by the designer before execution and dimensions to be checked at site.)							

10.32. a		2.5 SEATER SOFA (GROUND FLOOR)		NOS.	1				
10.32. b		3 SEATER SOFA (2ND FLOOR WAITING LOUNGE)		NOS.	1				
10.32. c		3 SEATER (CMD RM WAITING LOUNGE)		NOS.	1				
10.32. d		ACCENT CHAIR (BASEMENT FLOOR)		NOS.	1				
10.32. e		ACCENT CHAIR (GROUND FLOOR)		NOS.	1				
10.32. f		ACCENT CHAIR (2ND FLOOR WAITING LOUNGE)		NOS.	1				
10.33		ACCENT CHAIR (CMD RM WAITING LOUNGE)		NOS.	2				
10.34		<b>1200mm HIGH LOW HT. STORAGE:</b> Carcase made of 19mm thick. Laminated Particle board with shutters made of 19mm thick Laminated MDF as per approved shade including all hardware & shelves.	FEATHERLITE/ VIAK						
10.34. a		1500x400		NOS.	1				
10.34. b		1350x400		NOS.	1				
10.34. c		1050x400		NOS.	2				
10.34. d		900x400		NOS.	9				
10.34. e		750x400		NOS.	1				
10.34. f		600x400		NOS.	1				
10.35		<b>750mm HIGH LOW HT. STORAGE:</b> Carcase made of 19mm thick Laminated Particle board with shutters made of 19mm thick Laminated MDF as per approved shade including all hardware & shelves.	FEATHERLITE/ VIAK						
10.35. a		1650x450		NOS.	4				
10.35. b		1550x450		NOS.	1				
10.35.		1050x450		NOS.	1				

c									
10.36		<b>650mm HIGH LOW HT. STORAGE:</b> Carcase made of 19mm thick Laminated Particle board with shutters made of 19mm thick Laminated MDF as per approved shade including all hardware & shelves.	FEATHERLITE/ VIAK						
		1000x450		NOS.	2				
10.37		<b>FULLY UPHOLSTERED BENCH IN CANTEEN:</b> Providing and making Sofa chairs (As per Fixed Furniture Equipment drawing) 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 upholstered to shape with fabric (basic price Rs.1000/m) for the rear of the back also and the under surface of the seat finished with Gada cloth 19mm ply below seat. Note: (For sofas materials like foam, latex rubber, gadacloth, spring, fabric etc., to be approved by the Designer Shop drawing to be approved by the designer before execution and dimensions to be checked at site.)							
		1650x650		NOS.	3				
11	MISCELLANEOUS								

11.1		<b>GLASS-FILM:</b> Providing and fixing of 3M dusted crystal film on glass as per design and pattern. Rate to include shape cutting as per design.	3M	sq. mt.	5				
11.2		<b>PIN UP BOARD:</b> Providing and fixing of Pin up board (12mm chip board+ fabric with Base rate 750 rmt.) with Aluminium edge profile all around as per approved sample and size mentioned in the drawing.		sq. mt.	18				
11.3	WASHROOM S / KITCHEN / POT WASH & PREP AREA	<b>WATERPROOFING:</b> Providing and applying Chemical waterproofing treatment using Sika Plastocrete or equivalent system in areas where toilets and other wet areas are being created. Rate to include dismantling existing screed/ flooring, surface preparation of mother slab, laying fresh screed to create slope with a spout to drain off any leakage avoiding water settlement, the wall & floor junction to have rounded edges, applying waterproofing system as per manufacturer's specifications over the sloped floor & wall. The surface when dried, conduct a ponding test for min. two days. If the test is successful then prepare the surface to received protective plaster on all vertical & horizontal surfaces before filling the sunken area & floor finish. Rate to include pond testing and making good any damages if leaks are found. - As per Designer's approved make and method statement for the works shall be submitted/ obtain approval prior to commencement of works.	SIKA / DR. FIXIT	sq. mt.	80				

11.4		<b>ROLLER-BLINDS:</b> Providing and Erecting in position Automated Roller blinds of approved make of LIVVIN / Mac / Vista or equivalent with supporting framework etc. of approved make, shade & colour complete in working order with triple spring arrangement as per manufacturers specifications & drawings & directions of the Competent Authority	MAC/ DDECOR/VIST A/ LIVVIN OR EQUIVALENT	<b>sq. mt.</b>	40				
11.5	Ground Floor Office	<b>FINS:</b> Providing & Fixing of 40X150mm Laminated fins @ 125mm c/c with 25x25mm M.S. square tube frame work wrapped with 12mm thick Comm. Ply clad with 1mm thick Laminate of approved shade.	GREENLAM, MERINO, ORNARE OR EQUIVALENT	<b>sq. mt.</b>	5.4 9				
11.6		<b>SCREEN :</b>							
11.6.a	Basement office	Providing and fixing of glass screen with 40x40mm M.S. square tube frame up to slab bt. with 6mm Lacquered glass + 6mm clear glass panels up to 2100 ht.	SAINT GOBAIN	<b>sq. mt.</b>	11. 115				
11.6.b	CMD Room	Providing and fixing of screen with 40x10mm M.S. flat finished in Black enamel paint with 30x200 Oak wood sections screwed with the Metal flat finished in Melamine polish of approved shade.		<b>sq. mt.</b>	5				
11.6.c	CANTEEN	Providing & Fixing of 40X150mm Laminated fins @ 125mm c/c with 25x25mm M.S. square tube frame work wrapped with 12mm thick Comm. Ply clad with 1mm thick Laminate of approved shade.		<b>sq. mt.</b>	4.5				

11.7		<b>ARTIFICIAL PLANTS:</b> Providing and supplying indoor plants as approved by Architect such as Zizi, snake plant, palm etc. and including necessary stand for holding the plants as per the approved sample. Including Planter Box		<b>Nos.</b>	8				
11.8		<b>SIGNAGE &amp; GRAPHICS:</b> Providing and fixing Wall graphics, Logo, Fire evacuation layout, fire exit signage, Washroom graphics as per design shared.		<b>L/S</b>					
11.9		<b>PELMET:</b> Providing & Fixing pelmet with a size of 200 mm x 200 mm 'L' shaped using 12mm thick ply finish with 1.0 mm thick white laminate with required aluminium framework of 38 x 50mm size supported on slab ply cladded with including all necessary hardware etc. complete as per drawing and detail. Pelmet to be finished in approved colour paint or polish.		<b>sq. mt.</b>	15				
11.10		<b>REFURBISHMENT OF EXISTING METAL WINDOWS:</b> Cleaning of the existing windows & painting the metal sections with approved shade of enamel paint. Including changing of glass if broken.		<b>L/S</b>					

11.11		<b>REPAINTING OF EXISTING WINDOW JAMBS:</b> Preparing the base by scraping off the existing paint, making the surface uniform & applying of primer to receive the enamel paint of approved shade with compressor machine.		rmt.	188.4				
12	<b>SANITARY WORK</b>								
12.1		<b>SOIL/ WASTE/ RAIN PIPES (PVC):</b> Supplying and laying of 160mm diameter Soil Waste pipe of approved make and quality such as Kisan, Premium, Supreme, Prince or Kasta to the required slopes, alignments, as per drawings, making joints with proper sealant including necessary excavation, refilling, consolidating earth and disposing of excess earth and cradling with PCC 1:4:8 and also including providing and fixing of necessary specials like tees and bends wherever necessary etc., complete as directed.	Kisan/ Supreme or equivalent						
		<b>110MM DIA SWR PIPES:</b>		rft.					
12.2		<b>75MM DIA SWR PIPES:</b>		rft.					
		<b>CPVC-PIPES:</b> Supplying and fixing in position of following diameter CPVC pipes of approved make and quality confirming to BIS specifications including all necessary specials like couplings, unions, flanges, tees, elbows, bends, plugs etc., and excavation in all types of soils up to required depth, refilling, concealing pipeline by chasing walls or constructing brick masonry pedestals wherever required, MS clamps, wooden blocks,	Prakash Surva/ Tata or equivalent						

		Bombay nails anti-corrosive painting etc., complete as per drawings and directions.							
		<b>25MM DIA CPVC PIPES:</b>		<b>rft.</b>					
12.3		<b>15MM DIA CPVC PIPES:</b>		<b>rft.</b>					
12.4		<b>NAHANI TRAP/ FLOOR TRAP:</b> Supplying & fixing CI Nahany traps 1st quality ISI marked with C.P. Grating fixing with white cement as per site requirements with standard practice for 100 mm dia Inlet- 75 mm (3") outlet pipe.	JAQUAR	<b>nos.</b>	5				
12.5.a	CMD WASHROOM	<b>EWC - EUROPEAN WATER CLOSET:</b> Providing and fixing of Wall mounted WC (K-18133IN-SR-7) with concealed flushing Cistern of approved make & design along with required fixtures like Seat cover, Hinges, Accessories set inclusive of all materials, labours, tools, tackles, consumables etc. all complete as directed by the Architect in charge. The scope of work is inclusive of provision of CP Two way bib cock and CP health faucet, PVC Pipe connector's etc. Make: Jaquar, Hindware, Perryware, Kohler or Equivalent complete.	JAQUAR	<b>nos.</b>	1				
12.5.b		Providing and fixing in position Flush Valve Dual Flush Concealed Body Type of Jaquar make or equivalent upon approval with all WCs complete including all required connections and settings for proper functioning to the Engineer's satisfaction.	JAQUAR	<b>nos.</b>	1				



12.5.c	STAFF WASHROOM S	<b>EWC - EUROPEAN WATER CLOSET:</b> Providing and fixing of Wall mounted Jaquar WC (ARS-WHT-39953B/UFSM) along with required fixtures like Seat cover, Hinges, Accessories set inclusive of all materials, labours, tools, tackles, consumables etc. all complete as directed by the Architect in charge. The scope of work is inclusive of provision of CP Two way bib cock and CP health faucet, PVC Pipe connector's etc. Make: Jaquar, Hindware or Equivalent complete.	JAQUAR	nos.	5				
12.6.a	CMD WASHROOM	<b>WASH-BASIN:</b> Supply and fixing of Counter top wash basin (K-76601IN-7) of approved make & design along with all required fixtures. The scope of work is inclusive of provision of waste pipe, pillar cock & angular stopcock hose pipe etc. complete in all respects as directed by the Architect in charge. Make: Kohler, Jaquar, Hindware, Parryware or Equivalent.	JAQUAR	nos.	1				
12.6.b	STAFF WASHROOM S	<b>WASH-BASIN:</b> Supply and fixing of Counter top wash basin (OPS-WHT-15901N ) of Jaquar make & design along with all required fixtures. The scope of work is inclusive of provision of waste pipe, pillar cock & angular stopcock hose pipe etc. complete in all respects as directed by the Architect in charge. Make: Jaquar, Hindware or Equivalent.	JAQUAR	nos.	4				

12.7	STAFF WASHROOM	<b>URINALS:</b> Supplying & Fixing urinal (URS-WHT-13253N) with auto closing urinal flush valve with Bottle Trap (With internal partition), 32mm waste coupling Including cost and conveyance of all materials to site, for finished item of work for all floors etc. PATIO URINAL SENSOR WITH AC ADAPTOR "CODE: K-24199IN-C03-CP"	JAQUAR	nos.	3				
12.8	STAFF WASHROOM	<b>URINAL-PARTITION:</b> Supply & installation of 12mm thick frost finish toughened glass curved corners with smooth edge finish urinal partition of size 1200mm height and 450mm depth with bottom SS frame support and fixed on wall using U clamp including all consumable, tools, tackles, labour etc. all complete as directed by the Architect.	JB GLASS	nos.	2				
12.9.a	CMD WASHROOM	<b>HEALTH-FAUCET:</b> Hand Shower (Health Faucet) with One meter length extension of Kohler or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	nos.	1				
12.9.b	STAFF WASHROOM S	<b>HEALTH-FAUCET:</b> Hand Shower (Health Faucet) with One meter length extension of Jaguar or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	nos.	5				




12.10. a	CMD WASHROOM	<b>CONCEALED-CISTERN:</b> Concealed flushing Cistern (JCS-WHT-2400) of Kohler or approved equivalent make including Actuator plate (JCP-CHR-2415) with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	1				
12.10. b	STAFF WASHROOM S	<b>CONCEALED CISTERN:</b> Concealed flushing Cistern (JCS-WHT-2400) of Jaquar or approved equivalent make including Actuator plate (JCP-CHR-2415) with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	5				
12.11		<b>ANGULAR STOP COCK WITH WALL FLANGE:</b> Angular Stop Cock with Wall Flange of Kohler or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	12				
12.11. a	CMD WASHROOM	<b>Counter top Wash Basin Mixer:</b> Counter top Wash Basin Mixer of Kohler or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	1				
12.11. b	STAFF WASHROOM S	<b>Counter top washbasin sensor faucet:</b> Tall body Sensor faucet (SNR-51449) of Jaguar or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	4				

12.12	ALL WASHROOM S	<b>BOTTLE-TRAP:</b> Bottle Trap of Jaguar or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	6				
12.13. a	CMD WASHROOM	<b>POP UP WASTE COUPLING:</b> Waste Coupling, 32mm Half Thread of Kohler or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	1				
12.13. b	STAFF WASHROOM S	<b>WASTE-COUPLING:</b> Waste Coupling, 32mm Half Thread of Jaguar or approved equivalent make with all necessary materials viz., arrangement for fixing and placing in position etc., complete as directed.	JAQUAR	<b>nos.</b>	4				
12.14		<b>SOAP-DISPENSER:</b> Soap Dispenser of EURONICS "KSDT7W-B Auto Tap + Auto Soap Dispenser (Wall Mount) FINISH: MATT BLACK"	EURONICS	<b>nos.</b>	2				
12.15		<b>HAND-DRYER:</b> Providing and Fixing of Hand Dryer "EH24S-B ULTRA THIN STEEL High Speed Hand Dryer WALL MOUNTED Stainless Steel # 304 Non Magnetic, Matt Finish"	EURONICS	<b>nos.</b>	2				

12.16		<b>MIRROR:</b> Providing, making and placing in position Toilet Mirrors with overall size 600mm x 900mm made in 19mm plywood backing and 8mm thick mirror with 19mm plywood 75mm alround with 1mm laminate as specified and 20mm x 20mm beech wood beading all around the mirror. All exposed faces to have 1mm laminate and all unexposed faces to have two coats of synthetic enamel paint, all edges of plywood / block-board to have 20mm x 6mm beech wood edge lipping. All beech wooden members to have melamine spray polish finish. The rate should include all necessary hardware, back-hole frame fixing etc., as per drawings and directions.	SAINT GOBAIN	sq. ft.	3				
12.17		<b>BATHROOM ACCESSORIES:</b> Providing and fixing sets of Bathroom Accessories of reputed brand and matching designs with concealed/hidden screws strictly upon approval by engineer-in-charge. The cost shall include proper and careful fixing of all sets with Galvanised countersunk screws and nylon gattis as required without damaging existing pipelines, conduits, cables, wires, switchboards or any such item concealed inside wall below the tiles. The fixing must be in proper level and at places as directed by the engineer-in-charge.	JAQUAR						
12.17. a		Jaquar Double Robe Hook		nos.	6				
12.17. b		Accent Toilet Tissue Holder		nos.	6				
12.17. c		Health Faucet With Hose And Bracket FINISH: Polished Chrome		nos.	6				


13	LIGHT FIXTURES								
13.1	GROUND FLOOR OFFICE	<b>SUSPENDED LINEAR LIGHT:</b> Supplying & installation of Suspended customized light in soft corner rectangular shape ,L=3900mm, Height- 75 mm,WIDTH-50mm 30 Watt PRM, Direct Emission, Fixture in metal body, Powder Coated, white opal diffuser in synthetic material, fixation with of support halogen-free internal wiring, PCB connected with Phillips led driver, integral HF electronic control gear Protection Class I, IP40	JAQUAR/ PHILLIPS/ LEGARO	NOS.	9				
13.2		<b>SUSPENDED LINEAR LIGHT:</b> Supplying & installation of Suspended customized light in soft corner rectangular shape ,L=1500mm, Height- 75 mm,WIDTH-50mm 30 Watt PRM, Direct Emission, Fixture in metal body, Powder Coated, white opal diffuser in synthetic material, fixation with of support halogen-free internal wiring, PCB connected with Phillips led driver, integral HF electronic control gear Protection Class I, IP40	JAQUAR/ PHILLIPS/ LEGARO	NOS.	16				
13.3		<b>RECESSED CEILING RENE GRAZER LIGHT:</b> Supplying & installation of Grazer lights 5x2W ( 10W ), 4000K,direct light emission, housing in Aluminium Die casting ,electronic control gear, On/Off Protection class I, IP20	JAQUAR/ PHILLIPS/ LEGARO	NOS.	32				
13.4		<b>RECESSED CEILING NARROW BEAM DOWN LIGHT:</b> Supplying & installation of ERIS FIXED 10W 4000K Low	JAQUAR/ PHILLIPS/ LEGARO	NOS.	16				

		Border Deep recessed COB Down lights							
13.5		4 pcs L connectors cap, 4 pcs Straight Jinter 90 degree 4 pcs Input Module 90 degree	JAQUAR/ PHILLIPS/ LEGARO	<b>SET</b>	1				
13.6		<b>LED-DRIVER</b> SVT-MAG-48VDR200 48V 200W CONCEALED DRIVER FOR LED Cove & profile light	JAQUAR / PHILLIPS/ LEGARO	<b>NOS.</b>	4				
13.7		<b>LED-DRIVER</b> SVT-MAG-48VDR100 48V 100W CONCEALED DRIVER FOR MAGNETIC TRACK	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	12				
13.8		<b>LINEAR DIFFUSED BAFFLE LIGHT:</b> Linear DIFFUSED light 24 watt Size - L2100 x W22 x H50MM Aluminum Body type black color Sand-witched between acoustical baffle.	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	16				
13.9		<b>10W RECESSED DOWNLIGHTS:</b> Supply & installation of Recessed down lights in 4000K Aluminum Body type white colour	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	10				
13.10		<b>LED PROFILE LIGHT:</b> Supply & installation of 15W LED Profile light for recessed pelmet with Aluminium Body & diffuser.	JAQUAR/ PHILLIPS/ LEGARO	<b>rmt.</b>	56. 34				
13.11	Meeting Room	<b>SUSPENDED DECORATIVE LIGHT:</b> Supply & installation of Decorative pendent light. 1500mm (L) X 250mm (H) 4000K	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	1				

									
13.12	CMD ROOM Above Desk	<b>SUSPENDEDECORATIVE LIGHT:</b> Supply & installation of Decorative pendent light. 1500mm (L) X 200mm (H) 4000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	1				
13.13	CMD ROOM Above Discussion table	<b>SUSPENDEDECORATIVE LIGHT:</b> Supply & installation of Decorative pendent circular ring light. 600mm (D) 4000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	1				
13.14	CMD LOUNGE	<b>SUSPENDEDECORATIVE LIGHT:</b> Supply & installation of Decorative pendent circular ring light. 900mm/700/500 (D) 4000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	1				



13.15	CANTEEN ABOVE BUFFET COUNTER	<b>SUSPENDED DECORATIVE LIGHT:</b> Supply & installation of Decorative pendent light. 300mm (D) 3000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	3					
13.16 a	CANTEEN ABOVE BREAKFAST COUNTER	<b>SUSPENDED DECORATIVE LIGHT:</b> Supply & installation of Decorative pendent light. 200mm (D) 3000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	9					
13.16. b	CANTEEN ABOVE BREAKFAST COUNTER	<b>SUSPENDED DECORATIVE LIGHT:</b> Supply & installation of Decorative pendent light. 900mm (D) 3000K 	JAQUAR/ PHILLIPS/ LEGARO	NOS.	3					

13.17	BASEMENT OFFICE & KITCHEN	<b>RECESSED CEILING 600X600 LIGHT</b> Supply & installation of Recessed ceiling 600x600 Antiglare panel light 4000K 	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	24					
13.18	STORE, PREP AREA & POT WASH	<b>SURFACE MOUNTED LIGHT</b> Surface mounted Unilite light 20 watt, Size is 1200mm Length, Led batten with Reflector inside 	JAQUAR/ PHILLIPS/ LEGARO	<b>NOS.</b>	8					
<b>TOTAL OF (A) GENERAL</b>										

**B) Heating, Ventilation, and Air Conditioning (HVAC) system**

S. No.	Item - Description	Qty	Unit	Rate	Amount	Taxes	Total
<b>PART 1</b>	<b>HIGH SIDE / MAIN EQUIPMENT VRV / VRF SYSTEM</b>						
<b>A</b>	<b>Scope of Supply of Air Cooled Type OUTDOOR UNITS</b>						
(i)	The Outdoor / Condensing unit comprising of Variable Speed type Twin <b>Rotrary / Scroll, Single / Multi compressor's having 100% inverter compressor</b> , Multi Row condenser coil, Variable multi stage / speed Condenser fan (Propeller / Axial), Inbuilt electronically controlled High / Low pressure switches, Inter connected Refrigerant Pipings etc. with Pre charged refrigerant also having factory tested individual units with test certificates.						
(ii)	Inbuilt Microprocessor based Electrical Control Panel suitable for Indoor and Outdoor Units with Controls and protection device for Voltage, Current, Phase Indicators, Continuous Voltage Scanner, Internal control cabling, Weather protection, PCB cooling etc. also suitable for BMS Compatibility -						
(iii)	<b>C O P</b> as per standard ARI test conditions should be more than <b>&gt; 4.00</b>						
(iv)	Actual capacity at Condenser entering temp. - 42°C						
1	Actual Capacity - <b>8 HP</b>	1	Nos				
2	Actual Capacity - <b>10 HP</b>	1	Nos				
3	Actual Capacity - <b>16 HP</b>	1	Nos				
4	Actual Capacity - <b>20 HP</b>	1	Nos				
<b>B</b>	<b>Scope of Supply of INDOOR UNITS suitable for VRV / VRF OUTDOOR Units having electronically controlled expansion valve, control PCB etc.</b>						
(i)	<b>DECORATIVE FOUR WAY CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						
1	Actual Capacity -2.30 TR	7	Nos				
2	Actual Capacity -2.0 TR	6	Nos				
3	Actual Capacity -1.60 TR	6	Nos				

(ii)	<b>DECORATIVE TWO WAY / DOUBLE FLOW CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						
1	Actual Capacity -2.60 TR	1	Nos				
2	Actual Capacity -2.0 TR	1	Nos				
(iii)	<b>DECORATIVE ONE WAY / CORNER CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						
1	Actual Capacity - 1.30 TR	2	Nos				
<b>C</b>	<b>ACCESSORIES</b>						
1	Cordless Remote Controller	23	Nos				
2	Corded Remote Controller		Nos				
3	All Refrigerant Joints with insulation	19	Nos				
4	Intelligent <b>i-Touch</b> Central Remote Controller Unit with necessary control cabling for VRF control with BMS compatibility for all indoor & outdoor controls <b>With Time Schedule &amp; fault diagnosis of entire system</b>	4	Nos				
	<b>T O T A L FOR SUPPLY OF UNITs (A + B + C)</b>						
<b>PART 2</b>	<b>LOW SIDE / INSTALLATION OF MAIN EQUIPMENT OF VRV / VRF SYSTEMs</b>						
<b>D</b>	<b>Scope of Installation consist of Unloading at site, Lifting &amp; Shifting with all necessary supports / hangers / Anchor bolts, Hanger Rods, Nuts &amp; Bolts etc.</b>						
2.1	<b>Installation of OUTDOOR UNITS</b>						
1	Actual Capacity - <b>8 HP</b>	1	Nos				
2	Actual Capacity - <b>10 HP</b>	1	Nos				
3	Actual Capacity - <b>16 HP</b>	1	Nos				
4	Actual Capacity - <b>20 HP</b>	1	Nos				
2.2	<b>Installation of INDOOR UNITS</b>						
(i)	<b>DECORATIVE FOUR WAY CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						

1	Actual Capacity -2.30 TR	7	Nos				
2	Actual Capacity -2.0 TR	6	Nos				
3	Actual Capacity -1.60 TR	6	Nos				
(ii)	<b>DECORATIVE TWO WAY / DOUBLE FLOW CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						
1	Actual Capacity -2.60 TR	1	Nos				
2	Actual Capacity -2.0 TR	1	Nos				
(iii)	<b>DECORATIVE ONE WAY / CORNER CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES &amp; ACCESSORIES :</b>						
1	Actual Capacity -1.30 TR	2	Nos				
E	<b>REFRIGERANT PIPING &amp; CABLING WORK :</b>						
2.3	Inter-connected hard drawn copper refrigerant piping ( <b>18 SWG for pipes up to 19.1 mm and 16 SWG for larger dia.</b> ) between Indoor & Outdoor with Pre formed ELASTROMERIC NITRIL RUBBER INSULATION ( <b>Thickness 19mm, Class O, Density &gt;48Kg/M<sup>3</sup></b> ) as per drawing & Specifications	100	RMT				
2.4	<b>Exposed</b> Inter-connected copper refrigerant piping ( <b>18 SWG for pipes up to 19.1 mm and 16 SWG for larger dia.</b> ) between Indoor & Outdoor with Pre formed ELASTROMERIC NITRIL RUBBER INSULATION (Thickness 19mm, Class 1, Density >48Kg/M <sup>3</sup> ) with <b>Glass Cloths also two coat of star bond paint for UV Resistance</b> as per drawing & Specifications	20	RMT				
2.5	Laying of 16G G.I. Perforated Tray for Refrigerant Piping, Cabling & Drain piping of 300/150mm Width with supports & clamps etc.	120	RMT				
2.6	Topping up / Recharging of Refrigerant Gas and Oil	1	Lot				
2.7	Electrical Control / Communication cabling of shielded copper from indoor to outdoor units in heavy\ PVC Conduits and necessary clamps / saddling etc. as per specifications.	160	RMT				

2.8	CPVC Drain Piping pressure ratings of 6 Kg./CM <sup>2</sup> rating with 9mm preformed expanded polyethylene (XLPE) sections Insulation -						
a	40 mm Dia.	15	RMT				
b	32 mm Dia.	25	RMT				
c	25 mm Dia.	70	RMT				
2.9	MS Factory made Stand in "C" Channel of <b>75mmx40mmx450mm ht.</b> for all outdoor units duly epoxy paint of 250 Micron / Powder coated with rubber pads also duly anchor etc.	4	Nos.				
	<b>SUB TOTAL FOR INSTALLATION (D+E)</b>						
	<b>SUB TOTAL PART 1 &amp;2 (SUPPLY + INSTALLATION) WITH GST</b>						
<b>PART-3</b>	<b>ANNUAL MAINTENANCE CHARGES</b>						
	Annual Maintenance Charges all inclusive like gas, compressors, motors , PCBs & electrical parts etc. for 1 Year after the warranty	<b>54</b>	<b>HP</b>				
	<b>T O T A L FOR AMC with TAXES &amp; DUTIES</b>						
	<b>GRAND TOTAL COST (SUPPLY + INSTALLATION + AMC)</b>						

### C) Electrical System

S. NO.	Description of Items	Unit	TOTAL QTY	RATE (₹)	AMOUNT (₹)	TAX (₹)	TOTAL (₹)
1	<b>MAIN ELECTRICAL POWER PANEL</b>						
	Supplying & Installation of Electrical panels including making termination, Lugs & gland with testing on load. (AS PER SLD DRAWING)	Each	1				
2	<b>WIRING FOR POINT (LIGHT &amp; FAN POINT)</b>						
	Point wiring up to 30 mtr (including metallic switch box, switches, sockets, lamp, holders, ceiling roses etc.) with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed/surface rigid P.V.C. conduit (HMS) ISI Marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit etc. as required as per specification for :-	Each	275				
3	<b>CIRCUIT WIRING</b>						
	Wiring for circuit wiring with PVC insulated cable FR with copper multi strand conductor ISI marked in concealed/surface rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification (including switches, sockets, wires etc.).						
	a) 3x2.5 Sq.mm.	meter	670				
	b) 3x4.0 Sq.mm.	meter	820				
4	<b>POWER SOCKETS</b>						
	Point wiring (including metallic switch box, switches, sockets etc.) for 3 pin 6 Amp. Socket outlet point with 1.5 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in concealed/surface rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification.	Each	232				

	Point wiring (including metallic switch box, switches, sockets etc.) for 3 Pin 16 Amp. Socket Outlet Point With 4 Sq. mm. PVC insulated cable FR with copper multi strand conductor ISI marked in Concealed/Surface rigid P.V.C Conduit (HMS) ISI Marked of suitable size etc. with 16 Amp. Switch & Socket / S.S. Combined 6/16 Amp. of ISI Marked and 4 Sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit as per specification.	Each	45				
5.0	<b>RIGID PVC CONDUIT</b>						
	Supplying and fixing PVC conduit ISI marked FRLS along with accessories on surface/concealed etc. as required						
5.1	PVC conduit 20 mm. (MMS)	MTR	290				
5.2	PVC conduit 25 mm. (MMS)	MTR	290				
6.0	<b>FLEXIBLE PVC CONDUIT</b>						
	Supplying and fixing PVC conduit ISI marked FRLS along with accessories on surface etc. as required						
6.1	PVC conduit 20 mm. (MMS)	MTR	260				
6.2	PVC conduit 25 mm. (MMS)	MTR	260				
7.0	<b>DISTRIBUTION BOARD</b>						
7.1	Supplying & fixing of approved make powder coated sheet steel encloser SPN MCB DB inclusive of Busbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS:13032( exclusive of MCB & isolator)-						
	12 way double door	Each	4				
7.2	Supplying & fixing of approved make TPN MCB DB Metal Double Door with provision for FP MCB/Isolator/RCCB/RCBO as incomer and SP MCBs as outgoing inclusive of Busbar, Neutral bar, Earth bar & two earth terminals etc. complete as per IS:13032 (exclusive of MCB & isolator):						



	4 way (8+12)	Each	11				
	6 way (8+18)	Each	2				
7.3	Supply & fixing of approved make, powder coated metal double door vertical TPN MCB DB IP 43 protection with provision for MCCB up to 250A TP/FP 50kA as incomer and space for SP/TP MCBs as outgoing inclusive of busbar, neutral bar, earth bar & two earth terminals etc. complete as per IEC:61439-1 & 3(without MCCB/MCBs)						
	4 Way without MCCB	Each	1				
	8 Way without MCCB	Each	1				
<b>8.0</b>	<b>SUPPLY &amp; FIXING OF MCCB/MCB FOR DISTRIBUTION BOAD</b>						
8.1	<b>MCCB with Breaking Capacity 25 KA at 415 V</b>						
	Current Rating -100 Amps & Adjustable: 70% -100% thermal & 5-10 times magnetic setting	Each	2				
8.2	SINGLE POLE (SP)						
	6 Amp to 32 Amp Rating	Each	179				
8.3	DOUBLE POLE (DP)						
	6 Amp to 32 Amp Rating	Each	4				
8.4	FOR TRIPLE POLE (TP)						
	6 Amp to 32 Amp Rating	Each	4				
	50 Amp to 63 Amp Rating	Each	4				
8.5	FOUR POLE(FP)						
	40 Amps. Rating only.	Each	10				
	50 Amp to 63 Amp Rating	Each	4				
<b>9.0</b>	<b>RCCB FOR DISTRIBUTION BOARD</b>						
	Supplying and installing of RCBOs (Residual current circuit breaker) ISI marked complete as per I.S. standard confirming to IEC:61009-2-1 & IS:12640-2:2001,240/415V 50 Hz with 10 kA short circuit withstand capacity for earth leakage, overload & short circuit protection including connection in existing enclosure in approved manner as per specification..						
	DP(2 module)						
9.1	4 pole 25-32 Amps, 30 mA sensitivity	Each	3				
9.2	4 pole 63 Amps, 30 mA sensitivity	Each	4				

10.0	<b>CALL BELL</b>						
	Supplying and fixing as per specification Call bell / buzzer of approved make with necessary materials complete.						
	Ding Dong bell	Each	5				
11.0	<b>CEILING FAN</b>						
	Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle, Aluminium blades, with regulator & fan box A.C. 230-250 volts including connections with all necessary material complete as required confirming to IS :374/1979 with up to date amendments.						
	Ceiling Fan (Energy Saver 50 W)-1200 mm Sweep	each	1				
12.0	<b>EXHAUST FAN</b>						
12.1	Supplying, erection and testing of approved make 'Fresh air fan' AC 230-250 volts with connection and including frame bolt/anchor hole fasteners etc. complete finished and as required.						
a	150 mm sweep bush type	Each	4				
b	300 mm sweep bush type	Each	4				
13.0	<b>EARTHING SYSTEM</b>						
a	3 Metre G.I. pipe, outer diameter 50 mm With 3 metre G.I. pipes having outer pipe diameter of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia. of 12mm in nominal soil with 50 kg (two bag) back filling bentonite compound UL listed and confirm to relevant International/Indian standards around electrode up to ground level.	Each	8				

b	3 Metre CU. pipe, outer diameter 50 mm With 3 metre CU . pipes having outer pipe diameter of 50mm having 80-200 micron galvanizing, Inner pipe dia. of 25mm having 200-250 Micron galvanizing, connection terminal dia. of 12mm in nominal soil with 50 kg (two bag) back filling bentonite compound UL listed and confirm to relevant International/Indian standards around electrode up to ground level.	Each	8				
c	Providing & fixing 25mm X 5mm copper strip on surface or recessed for connection etc. as required.	meter	160				
d	Providing and fixing 25mm X 4mm G.I. strip on surface or in recessed/concealed for connection etc. as required.	meter	240				
14.0	<b>WIRE SUB MAINS</b>						
14.1	Wiring for sub-mains with PVC insulated cable FRLS with copper multi strand conductor ISI marked in recessed/concealed rigid PVC conduit (HMS) FRLS ISI marked of suitable size (conduit included) including 2mm thick accessories, connection etc., as required as per specification.						
a	<b>3 Wire sub main</b>						
	4.0 sq. mm. cable	meter	120				
	6.0 sq. mm. cable	meter	120				
b	<b>4 Wire sub main</b>						
	6.0 sq. mm. cable	meter	240				
	10.0 sq. mm. cable	meter	240				
	16.0 sq. mm. cable	meter	40				
15.0	<b>POWER CABLES &amp; LAYING</b>						
15.1	Supply & Laying of XLPE Insulated power cable (conforming IS-7098) 1100 Volt grade/Heavy duty power cable conforming to IS 1554-1100 Volts grade, 2 core/3½ core/4 core ISI MARKED with Alu. Stranded /solid conductor						

15.1.1	<b>ARMoured 3½ CORE</b>						
a	50 Sq.mm(XLPE)	meter	10				
a	70 Sq.mm(XLPE)	meter	150				
a	120 Sq.mm(XLPE)	meter	200				
15.1.2	<b>ARMoured 4 CORE</b>						
a	6 Sq.mm.(XLPE)	meter	150				
b	10 Sq.mm.(XLPE)	meter	120				
c	16 Sq.mm.(XLPE)	meter	80				
15.2	Supply & Laying of XLPE Insulated power cable (conforming IS-7098 ) 1100 Volt grade/Heavy duty power cable conforming to IS 1554-1100 Volts grade , 2 core /3½ core/4 core ISI MARKED with Cu. Stranded /solid conductor						
15.2.1	<b>ARMoured 3 CORE</b>						
a	2.5 Sq.mm.(XLPE)	meter	20				
b	4 Sq.mm.(XLPE)	meter	20				
15.2.2	<b>ARMoured 4 CORE</b>						
a	6 Sq.mm.(XLPE)	meter	110				
b	10 Sq.mm.(XLPE)	meter	180				
c	16 Sq.mm.(XLPE)	meter	110				
d	25 Sq.mm.(XLPE)	meter	10				
15.3	<b>CONTROL CABLE</b>						
15.3.1	Supplying and fixing of multi core round HRFR / FR PVC insulated copper (flexible) conductor & PVC sheathed cables 1100 Volts as per IS:694-1990 of approved make						
a	Three core 1.5 sq. mm.	meter	20				
b	six core 1.5 sq.mm.	meter	20				
16.0	<b>BRASS COMPRESSION GLAND</b>						
16.1	Supplying and fixing heavy duty cable gland for P.V.C. insulated armoured cable with brass washer, Rubber ring complete erected with cable and lead connection etc. as per specification complete.						
a	Gland Size for cable 2,3,3½ & 4xupto 16Sq.mm	Each	30				
b	Gland Size for cable 25 & 35 Sq.mm	Each	2				
c	Gland Size for cable 50 Sq.mm	Each	2				
d	Gland Size for cable 70 Sq.mm	Each	2				
e	Gland Size for cable 120 Sq.mm	Each	4				

17.0	<b>LUGS:- (ALU.)</b>						
17.1	Supplying and fixing cramping type Alum. lugs as per I.S.S. Specification suitable for following size of cable with Alu. /Copper solid/stranded conductor evently cramped with high/pressure tool and connected to switch gear/Bus/M.C.C.B./ M.C.B. etc. as required complete. For Conductor Size-						
a	6mm to 16 Sq.mm	Each	88				
b	50 Sq.mm	Each	8				
c	70 Sq.mm	Each	8				
d	120 Sq.mm	Each	8				
18.0	<b>LUGS:- (CU.)</b>						
18.1	Supplying and fixing pin type cu. lugs as per I.S.S. Specification suitable for following size of cable with Alu. /Copper solid/stranded conductor evently cramped with high/pressure tool and connected to switch gear/Bus/M.C.C.B./ M.C.B. etc. as required complete. For Conductor Size-						
a	6mm to 16 Sq.mm	Each	179				
19.0	<b>TELEPHONE,EPBAX,LAN,WIFI DEVICE &amp; TV SYSTEM (ALL ITEMS)</b>						
19.1	suppling and drawing Co-axial T.V. Cable RG-6 Grade , 0.7mm Solid Copper conductor PF Insulated , Shielded with fine tined copper braid and protected with PVC Sheathed in the existing surface / concealed ,steel / PVC. Conduit as required.	p/mt	480				
19.2	Supplying and drawing following pair of 0.5 mm size solid annealed copper conductor PVC Insulated telephone cable as per DOTSpecifications in existing surface / concealed steel / PVC Conduit / Casing-N-Capping as required.						
a	(ii) 2 Pair	p/mt	40				
b	(iii) 4 Pair	Metre	40				
c	(iv) 10 Pair	Metre	40				

19.3	Supply, Installation testing and commissioning of telephone Tag block Krone connector with enclosure and lock complete as mentioned below :-						
a	10 Pair	Each	2				
b	20 Pair	Each	2				
19.4	Supply, fixing and testing of RJ 11 telephone jack modular (1 Module)	Each	99				
19.5	Supply, fixing and testing of T.V. Outlet Modular (1Module)	Each	7				
19.6	Supply, Installation testing and commissioning RJ - 45 Computer Jack cat 6 with shutter Modular (1Module)	Each	103				
19.7	Supply, Installation testing and commissioning of 19" Modular Patch - 1 U Patch Panel 24, RJ 45 Cat-6 connector	Each	6				
19.8	Supply, Installation testing and commissioning of 19" Modular telephone Patch Panel 24 - 1 U with RJ 11 connector	Each	6				
19.9	Supplying and drawing 4 pair shielded, 0.5 mm PVC. Insulated copper conductor un-armoured Cat-6 computer cable FR in existing surface / concealed ,steel / PVC. Conduit/Casing-N capping as required.(for lan & cctv)	Per Mtr	16350				
19.10	Supply, Installation testing and commissioning of wall/floor mounting rack, for computer switches complete as mentioned below :-						
19.11	6U cabinet 300X600X500, wall mounting with 6 point 5 Amp. socket power supply strip and fan, tray.	Each	4				
19.12	12U cabinet 600X600X500, wall mounting with 6 point 5 Amp. socket power supply strip and fan, tray.	Each	2				

19.12	42U cabinet 1900X600X1000, floor mounting with power supply and fan, tray, equipment support angle, vertical cable manager, 12 point 5Amp. vertical power strip, earthing continuity kit, castors (1 set of 4 nos.), captive H/W set of 10, fan tray with 4 fan, for computer	Each	2				
19.13	Supply, Installation testing and commissioning of telephone instrument of suitable make.	Each	97				
19.14	Supply installation, testing & Commissioning of EPABX System consist, No. OF Extension, No. of Expandable E port, Operator Console. Current on max. Load with ISDN compatible of approved make and labour as required as per Specifications.						
19.14.1	EPABX system consists of 128 nos. extensions, 24 nos. of junction & up to 512 nos. of expandable e-port, with one operating console, 11 Amp max. current	each	1				
19.15	Supplying and fixing of approved make modular type metal box with modular frame/ base plate and cover plate including fixing in concealed / surface excluding switch, socket etc. as required for:-						
a	1 Or 2 Module	Each	20				
b	3 Module	Each	45				
c	4 Module	Each	30				
d	6 Module	Each	30				
e	8 Module	Each	155				
f	12 Module	Each	30				
g	18 Module	Each	30				
19.16	Supplying and fixing HIGH SPEED WIFI DEVICE indoor & outdoor type, Manufacturer mandatory. i/c connection wire, testing etc. to complete the job. 2 Yrs Guarantee certificate from manufacturer. (as per architecture plan)	Each	4				
19.17	Supplying and erecting modular pop up Box for AV/ HDMI, RJ 45, electrical sockets and switch.	Each	101				

20.0	<b>UPS &amp; BATTERY SYSTEM (FOR EMERGENCY LOAD ONLY)</b>						
20.1	Supplying, installation, testing and commissioning following rating single phase in single phase out ON-LINE UPS having Min. 30 minutes backup including connection etc and with batteries as required. (Note :- using laptop only so that we use this capacity for minimum computer load, Emergency lighting, server ,Lv system as per discussion)						
a	10 KVA (Office building)	each	1				
b	1.5 KVA (Cantine block)	each	1				
21.0	<b>CABLE TRAY FLP TYPE</b>						
21.1	Supply and erection of hot dip G.I. cable tray perforation not more than 17.5% for specific dimensions along with tees, bends.. The cable tray shall be hang from ceiling/ fixed to wall with necessary angle/flat iron / hanging rod, for ceiling suspensions, clamps, anchor fastner, nuts, bolts, washers, not mor than 1.5 mtr. apart complete as per specification to complete the job. The tray shall be as follows :-						
a	300 x 50 mm x 1.6mm thick	Metre	180				
b	150 x 50 mm x 1.6mm thick	Metre	140				
c	100 x 50 mm x 1.6mm thick	Metre	140				
22.0	<b>CCTV SYSTEM</b>						
22.1	Supply, Installation testing and commissioning of the IP dome camera shall be equipped with a 1/2.8 2 MP progressive scan CMOS imager to capture full HD 1080p (25/30 fps) images, a 3.6 mm fixed lens, and a waterproof (IP66) enclosure. As a true day/night solution, the camera shall use smart IR technology and provide up to 98 ft (30 m) of IR illumination. The camera shall accept PoE (802.3af) or 12 V DC power input. min. illumination:-0.1 lux @F1.2, AGC ON, 0 lux with IR video compression :- H.264, noise reduction: 3DNR,backlight compensation :- BLC/HLC/DWDR, encode mode:- CBR/VBR (freely adjustable in CBR, 5 levels in VBR). UL listed	Each	8				



22.2	2 MP IP IR bullet camera with H.264 Video compression						
	Supply, Installation testing and commissioning of the IP bullet camera shall be equipped with a 1/2.8 2 MP progressive scan CMOS imager to capture full HD 1080p (25/30 fps) images, a 3.6 mm fixed lens, and a waterproof (IP66) enclosure. As a true day/night solution, the camera shall use smart IR technology and provide up to 98 ft (30 m) of IR illumination. The camera shall accept PoE (802.3af) or 12 V DC power input. min. illumination:-0.1 lux @F1.2, AGC ON, 0 lux with IR video compression :- H.264, noise reduction: 3DNR,backlight compensation :-BLC/HLC/DWDR, encode mode:-CBR/VBR (freely adjustable in CBR, 5 levels in VBR).	Each	31				
22.3	8 channel NVR with 2 SATA						
	Supply, installation testing and commissioning of 8 channel NVR. With 1080p real-time live view H.265/H.264MJPEG dual codec decoding up to 12 MP resolution preview & playback max 320 MBPS incoming bandwidth support 2 SATA HDDs up to 16TB, supports fisheye video de-warping in local and web user interface, supports visual or auditory notifications (a flashing light, bell, or siren) complete with UL certification	Each	1				
22.3	16 channel NVR with 4 SATA						
	Supply, installation testing and commissioning of 16 channel NVR with 1080p real-time live view H.265/H.264 MJPEG dual codec decoding Up to 12 MP resolution preview & playback max 320 MBPS incoming bandwidth support 4 SATA HDDs up to 32TB, supports fisheye video de-warping in local and web user interface, supports visual or auditory notifications(a flashing light, bell, or siren) complete with UL certification	Each	1				

22.4	CCTV colour monitor						
	Supply, installation, testing and commissioning of 40" flat LED colour monitors.	Each	2				
22.5	8 port PoE switch with 2 SFP ports						
	Supply, installation testing and commissioning of 8 port PoE switch with 2 SFP ports, having security features like port security supports 64 MACs per port, auto surveillance VLAN, loopback detection automatically disables a port when a loop is detected, cable diagnostics allows administrators to determine cable status, UTP cat. 5, cat. 5e (100 m max.), full/half-duplex for 10/100 MBPS, full-duplex for 1000 MBPS, auto MDI/MDIX adjustment for all twisted-pair ports, switching capacity, 40 GBPS, maximum 64 bytes packet forwarding rate, 14.88 MBPS, ports 1 to 8 compliant with 802.3at	Each	4				
22.6	Supplying and drawing 4 pair shielded twisted pair (STP), 0.5 mm PVC insulated copper conductor un-armoured Cat-6 computer cable FRLS in existing surface/concealed, steel/PVC. Conduit/ casing-n-capping as required.	Each	2250				
23	<b>FIRE ALARM SYETM</b>						
23.1	Fire panel : Providing, fixing, testing & commissioning microprocessor based main fire alarm panel and indicating panel solid state modular card type pulsar, timer for dual stage alarm facility with indicators, standby battery ,complies to IS 2189:1999.2 x 16 character backlit LCD display lamp test features. Complete with integral power supply and battery charger for SMF battery. NO/NC contacts for both fire and fault. Switches to enable on board operation. LCD and LED Indication for open, short circuit, Isolate, fire in each zone. reset, lamp test, silence, isolate, short, open, fire continuous buzzer for fault and intermittent buzzer for fire battery charger box, operating voltage 220 Volt mains A.C. input/24V D.C. output etc. complete in all respect.						
A	4 zone fire panel	Each	2				

23.2	Supply, installation, testing and commissioning of active and networkable repeater panel with LCD display complete system function keys for programming and control like system reset, alarm acknowledgement, alarm silence, trouble acknowledgement UL/EN54 certified.	Each	2				
23.3	Smoke detector (ionization type) : Providing &fixing of ionization type smoke detectors as per IS: 11360-1985 of dual chamber, 12/24 volt DC, ionization source-less than one micro curie maximum Americium 241, twin visual alarm indicator (LED's) "Blink" in stand by and "steady" in alarm complete in all respects.	Each	27				
23.4	Smoke detector (optical type) : Providing &fixing of optical type smoke detector as per IS:11360-1985 of photo-optic sensing chamber, 12/24 volt DC, ionization source-less than one micro curie maximum Americium 241, twin visual alarm indicator (LED's) "Blink" in stand by and "steady" in alarm complete in all respects.	Each	6				
23.5	Heat detector : providing & fixing of heat detector based on heat rate-of-rise/fixed temperature with working voltage 9-33V DC twin visual alarm indicator (LED's) "Blink" in stand by and "steady" in alarm complete in all respects.	Each	7				
23.6	R.I. : Providing & fixing of response indicator	Each	40				
23.7	Manual call point: Providing & fixing of manual calls point flush or surface mounting. Front protection glass cover. Unbreakable glass ABS plastic body.	Each	6				
23.8	Internal hooter: Providing &fixing of internal hooter with working AC Voltage 220V A.C. /24V D.C. current consumption, sound output 120 DB, material M.S. sheet.	Each	6				

23.9	Supply of XLPE insulated <b>1.5 sq. mm.</b> Armoured 2 core <b>FRLSZH fire alarm cable (RED)</b> Fire Survival Cable conforming IS-7098 (Part-1) 1988, 1100 Volt grade, 2/3/4/8/10/12 core ISI marked with copper stranded/solid conductor.	Metre	590				
24	<b>PUBLIC ADDRESS SYTEM</b>						
24.1	1000W power amplifier						
	Supply, installation, testing and commissioning of 1000W power amplifier with following features:- Rated output wattage - 1000W, amplifier output 100V, 70V and 4-16 ohms transformer isolated speaker outputs, Supply input 0.775 v (0dB) unbalanced, 10k ohms, XLR and phone jack frequency response 50 - 18,000 Hz, +/- 1.5 dB ,S/N ratio> 105 dB(with require mounting arrangement)	Each	2				
24.2	6W ceiling speaker						
	Supply, installation, testing and commissioning of 6W ceiling speaker with max SPL1M/1W 96dB. Frequency response of 80Hz-20KHz with a dispersion angle of 160 deg. The speaker should have tapings at 6W/3W/1.5W (with require mounting arrangement)	Each	26				
24.3	10W wall mounted speaker						
	Supply, installation, testing and commissioning of 10W wall mounted speaker with max SPL1M/1W 96dB. Frequency response of 80Hz-20KHz with a dispersion angle of 160 deg. The speaker should have tapings at 6W/3W/1.5W (with require mounting arrangement)	Each	4				
24.4	Supply and fixing of PVC insulated copper flexible speaker wire twin FRLS 1100 Volts as per IS:694-1990 of approved make						
A	(24/0.2 mm) Twin core 0.75 sq.mm.	Metre	320				
B	(32/0.2 mm) Twin core 1.00 sq.mm.	Metre	260				

24.5	Supplying, erecting, testing and commissioning microphone complete.	Each	1				
25	<b>DG SET</b>						
	Supply, installation, testing and commissioning of diesel generating set three phase, water cooled with AMF control panel, 82.5 KVA, 415V. (For HVAC load only, 125 kva dg set already installed) <b>*Note:</b> QCI reserves the right to exclude the cost of DG set while conducting financial evaluation.	Each	1				
	<b>TOTAL (AMOUNT)</b>						

### ELECTRICAL LOAD SHEET

#### RAW POWER

S. No.	Description	Connected Load (KW)	Diversified Load (KW)
1	Basement floor	27.1	18.8
2	Ground floor	22.9	14.9
3	Second floor	8.7	5.4
4	Canteen block	23.8	15.4
5	HVAC (ODU) (8 HP)	7.2	5.8
6	HVAC (ODU) (10 HP)	9.0	7.2
7	HVAC (ODU) (16 HP)	14.4	11.5
8	HVAC (ODU) (20 HP)	18.0	14.4
9	Pumps	1.5	1.2
<b>TOTAL (KW)</b>		<b>132.7</b>	<b>94.5</b>

#### ENERGY POWER (DG Set)

S. No.	Description	Connected Load (KW)	Diversified Load (KW)
1	Basement floor	16.6	14.6
2	Ground floor	12.4	10.7
3	Second floor	4.3	3.6
4	Canteen block	18.6	13.3
5	HVAC (ODU) (8 HP)	7.2	5.8
6	HVAC (ODU) (10 HP)	9.0	7.2
7	HVAC (ODU) (16 HP)	14.4	11.5
8	HVAC (ODU) (20 HP)	18.0	14.4
9	Pumps	1.5	1.2
<b>TOTAL (KW)</b>		<b>102.1</b>	<b>82.3</b>

#### ENERGY POWER (UPS)

S. No.	Description	Connected Load (KW)	Diversified Load (KW)
1	Basement floor	14.2	12.8
2	Ground floor	9.9	8.8
3	Second floor	3.0	2.6
4	Canteen block	0.9	0.8
<b>TOTAL (KW)</b>		<b>28.1</b>	<b>25.0</b>

**D) Plumbing/PHE/Sanitary System**

S.NO	Item Name	Description	QTY	Unit	Rate (₹)	Amount (₹)	Tax (₹)	Total (₹)	MAKE
	<b>A)</b>	<b>WATER SUPPLY PIPES &amp; FITINGS</b>							
<b>1</b>	UPVC POTABLE WATER SUPPLY PIPES	Installing, fixing, jointing, testing and commissioning of approved make Unplastisize Polyvinyl Chloride pipes (UPVC) schedule 40 ASTM IPS confirming to ASTM D 1785 & fittings and specials (schedule 80) such as tees, elbows, couplers, bends, enlargers etc., including transition specials i.e. Brass Adaptors (both Male & Female threaded) ( where connection with metal is to be made) all confirming to ASTM D 2467, Joints to be made with UPVC solvent cement as per ASTM D-1785, and solvent confirming to ASTM D 2564. fixed in shafts with suitable MS angle (50x50x6) iron brackets supports with suitable GI 10mm 'U' clamps with one coat of primer & two coats of enamel paint, bolts, anchor bolts, nuts and washers fixed on shaft walls/outer supports etc., complete. (for domestic water & raw water) . Fixing in ceiling with split bracket method INTERNAL CONCEALED & CEILING SUSPENDED							ASTRAL ASHIRWAD

		Pipes & fittings				-			
		15 mm nominal outer diameter Pipes & fittings	36	METERS					
		20 mm nominal outer diameter Pipes.& fittings	50	METERS		-			
		25 mm nominal outer diameter Pipes.& fittings	5	METERS		-			
		32 mm nominal outer diameter Pipes.& fittings	12	METERS		-			
2	UPVC POTABLE WATER SUPPLY PIPES	Installing, fixing, jointing, testing and commissioning of approved make Unplastisize Polyvinyl Chloride pipes (UPVC) schedule 40 ASTM IPS confirming to ASTM D 1785 & fittings and specials (schedule 80) such as tees, elbows, couplers, bends, enlargers etc., including transition specials i.e. Brass Adaptors (both Male & Female threaded) ( where connection with metal is to be made) all confirming to ASTM D 2467, Joints to be made with UPVC solvent cement as per ASTM D-1785, and solvent confirming to ASTM D 2564. fixed in shafts with suitable MS angle (50x50x6) iron brackets supports with suitable GI 10mm 'U' clamps with one coat of primer & two coats of enamel paint, bolts, anchor bolts, nuts and washers fixed on shaft walls/outer supports etc., complete. (for domestic water & raw water) . Fixing in ceiling with split bracket method.							ASTRAL ASHIRWAD

		<b>Pipes &amp; fittings</b>				-			
		25 mm nominal outer diameter Pipes.& fittings	20	METERS		-			
		32 mm nominal outer diameter Pipes.& fittings	30	METERS		-			
		33 mm nominal outer diameter Pipes.& fittings	30	METERS		-			
	<b>B)</b>	<b>SOIL, WASTE VENT PIPE &amp; FITTINGS (INTERNAL DRAINAGE SYSTEM) DRAINAGE &amp; SYSTEMS</b>							
<b>1</b>	DRAIN PIPES POLYPROPYLENE	Installation & testing commissioning in position drainage pipes and Fittings - confirming to EN 1451-1 with EPDM rings, cutting the pipes to required lengths, Installation in position to required grade and level, jointing, making holes, pockets, chases in walls, floors of all types and making good the same, testing and rectifying leakages for under slung drainage pipe within toilet blocks / kitchen etc. complete including all necessary fittings, like Bends, Tees, Elbows, Collars, junction, inspection doors, cowls, offsets, access pipes, rubber rings, supports, jointing complete as per Technical specifications and drawing inside the toilets / kitchen				-			ASTRAL ASHIRWAD
		50 mm diameter (minimum wall thickness 3.2mm) ( <b>wash basin, sink &amp; urinal</b> )	20	METERS		-			
		75 mm diameter	35	METERS		-			
		110 mm diameter	30	METERS		-			
		150mm diameter (chamber to chamber connection)	20	METERS		-			



2	GULLY TRAP	Providing and fixing of Gully Trap PVC type and connection of the same with the incoming waste line and connecting to the Sewer chamber. The Gully trap should be installed with the brick chamber plastered inside & out with proper finish, complete finish with cover as per the details and direction by the site engineer. This include excavation and back filling as well	1	Each		-			ASTRAL ASHIRWAD
3	SEWER CHAMBER 600X600M M	Providing and installation of brick type Brick type Sewer chamber. The brick chamber to be plastered inside & out with proper finish, complete finish with cover as per the details and direction by the site engineer. This includes excavation, back filling and connection of new sewer down-comers with the existing Manhole with complete finish.	1	Each		-			ASTRAL ASHIRWAD
4	Waste water collection tank	Providing and fixing HDPE or SS Type collection tank under sink for pantry area waste water at the basement area. Size 600x450x500(H). Or ready available sump as per market availability	1	Each		-			MARKET AVAILABILITY
	C)	CP FITTINGS							
	<b>NOTE: The CP fittings and Ceramics are to be finally selected by the Architectural team and QCI</b>								
3	Wall Hung WC	Providing and fixing white vitreous china European Wall hung Anti germ Fluoro-Polymer Coated water closet of approved shape with soft closing seat cover, To be fixed as per approved height and distance	6	NOS		-			JAQUAR GROHE

4	Concealed tank	Providing and fixing concealed flushing cistern, having dual flushing capacity to be fixed as per approved height and distance	6	NOS		-			JAQUAR GROHE
5	Flat Back Anti germ Fluoro-Polymer Coated Urinal with sensor	Providing and fixing white vitreous china Flat Back Anti germ Fluoro-Polymer Coated Urinal (Inbuilt spreaders, Waste coupling)with sensor complete including painting of fittings and brackets, cutting and making good the wall and floors wherever required.	3	NOS		-			JAQUAR GROHE
6	Counter top Wash basin	Providing and fixing white vitreous china type Anti germ Fluoro-Polymer Coated Counter top Wash Basin 32 mm C. P. brass made waste coupling length 130mm and 32 mm C. P. fittings and fixtures complete including Painting of fittings and cutting and making good the wall and floors wherever required :	7	NOS		-			JAQUAR GROHE
9	Bottle Trap CP	Providing and fixing CP Bottle Trap for Wash basin, sink. And Urinal as per the approved make and height specified	10	NOS		-			JAQUAR GROHE
10	C.P. brass angle valve for basin	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931	15	NOS		-			JAQUAR GROHE
11	Kitchen sink (stainless Steel)	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required :	2	NOS		-			JAQUAR GROHE
	With drain board								

<b>12</b>	Geyser	Providing and fixing heating water geyser for kitchen/pantry area/toilet having full safety & protection as per standards and approved height	1	NOS		-			JAQUAR GROHE
<b>13</b>	Basin top Mixture spout	Providing and fixing Basin mixer tap with flexible hose pipe as per standards and approved height, complete with finish and as per direction by the engineer in-charge	1	NOS		-			JAQUAR GROHE
<b>14</b>	Counter top Sesor spout Tall body	Providing and fixing Basin mixer tap with flexible hose pipe as per standards and approved height, complete with finish and as per direction by the engineer in-charge	6	NOS		-			JAQUAR GROHE
<b>15</b>	Health faucet	Providing and fixing health faucet with flexible hose pipe as per standards and approved height, complete with finish and as per direction by the engineer in-charge	6	NOS		-			JAQUAR GROHE
<b>16</b>	Angle valves	Providing and fixing angle valves CP quoted inside brass as per standards and approved height, complete with finish and as per direction by the engineer in-charge	20	NOS		-			JAQUARGR OHE
<b>17</b>	Mixer Divertor	Providing and fixing Mixer divertor external part as per standards and approved height, complete with finish and as per direction by the engineer in-charge Also to install the Bucket filler with approved height	1	NOS		-			JAQUAR GROHE
<b>18</b>	Concealed part of Mixer Divertor	Providing and fixing Mixer divertor brass as per standards and approved height, complete with finish and as per direction by the engineer in-charge	1	NOS		-			JAQUAR GROHE

19	Shower head/hand shower	Providing and fixing Shower head as per standards and approved height, complete with finish and as per direction by the engineer in-charge	1	NOS		-			JACUAR GROHE
	<b>D)</b>	<b>PUMPS</b>							
20	Booster Pump	Providing & fixing shifting the Pressure booster pump complete with Pressure switch, pressure tank & all other accessories complete with commissioning at site. Duty: HEAD- 15M, 1.5 HP <b>TO BE SUPPLIED IF THE REQUIRED PRESSURE IS NOT AS PER GIVEN NOTE OR DESIRED REQUIREMENT</b>	1	NOS		-			WILLO KIRLOSKAR
21	DRAIN PUMP	Providing & fixing shifting the Drain pump complete with level sensors & all other accessories complete with commissioning at site. Duty: HEAD- 10M, 1/2 HP <b>REQUIRED AT THE BASEMENT PANTRY FOR PUMPING THE DRAIN WATER UNDER THE SINK</b>	1	NOS		-			WILLO KIRLOSKAR
<b>TOTAL</b>						-			

**GRAND TOTAL**

S. No.	Heading	Amount (₹)	Taxes	Total Amount (₹)
A	General			
B	Heating, Ventilation, and Air Conditioning (HVAC) system			
C	Electrical System			
D	Plumbing/PHE/Sanitary Systems			
<b>TOTAL (₹)</b>				

### List of Approved Makes/Manufactures of Materials

S. No.	Item	Approved Make/ Manufacturers/ supplier
1	Board / Ply (Commercial Grade)	Green/Bhutantuff/Century
2	Plywood (Marine Grade)	ActionTesa or Equivalent
3	Laminate	Greenlam/Merino/Century
4	Veneer	GREEN / BHUTAN TUFF/ CENTURY/EURO
5	Flush Doors	Durian/AP/Century
6	Hardware for Doors	OZONE/ DORSET/IPSA
7	Door Handle & Lock	DORSET/Godrej
8	Gypsum Ceiling/Gypsum Partition	Boral(Lafarge) Gypsum / ISI or equivalent
9	GI Section	Boral(Lafarge) Gypsum / ISI or equivalent
10	Vitrified Tiles	Somany/Johnson
11	Glazed Ceramic Tiles	Somany/Johnson
12	Modular Grid Ceiling	Armstrong Equivalent
13	Floor and Bottle Traps	CHILLY / PARRYWARE CHUMUN
14	Soap dispenser	Euronics /or equivalent
15	Hand dryer	Kopal / Euronics/chilly / or equivalent make
16	Gyser	Jaquar / Bajaj / Recold
17	Ss sink	Nirali/ neelkant
18	Mirror/ glass	Modi float/ st. Gobain/asahi
19	Toilet accessories	Jaquar or equivalent
20	Door Closer	Dorset or equivalent
21	Stone	Granite (indian )
22	Paint	Asian / Berger
23	Carpet Flooring	Interface / Welspun / Shaw
24	Laminate Flooring	Action tesa/LG/Royal Furniture
25	Tile Flooring	Somany/Johnson / Kajaria
26	False Flooring	UNITILE/UNIFLOOR/ OR EQUIVALENT
27	Vinyl Flooring	LG OR EQUIVALENT
28	Blinds	MAC / Ddecor or Equivalent
29	Metal Tile Grid Ceiling	Armstrong /AAR KAY/UF Ceiling
30	Wall Paper	USV / Marshal or equivalent
31	Etching Film	GARWARE/AMFROSTED
32	Aluminium Skirting	Baux or Equivalent make
33	Loose Furniture	Multi Seats / Viak / Amardeep
34	Modular Furniture	Viak / B.P. Ergo /

MEP MAKES		
LIST OF APPROVED MAKES/MANUFACTURES OF MATERIALS FOR MEP		
<u>Sr.No</u>	<u>Item</u>	<u>Approved Make/ Manufacturers/ supplier</u>
<b>Electrical &amp; LV Works</b>		
1	PVC conduits and accessories	BEC / AKG / POLYPACK
2	PVC FRLS Conduit Pipe And Accessories	VIP / PRECISION
3	PVC FRLS Flexible Pipe	VIP / PRECISION
4	MS Conduit Pipe	BHARATH/BEC/Gupta
5	MS Flexible Pipe	Gupta/ Equvient
6	Conduits accessories	Sharma / Steel Craft / Rama
7	P.V.C. insulated copper conductor wires/Cables1100voltsgrade	Bonton / Skytone / Polycab
8	PVC FRLS Copper Cables/Wires	POLYCAB/ KEI/ HAVELLS / SKYTONE / Bonton
9	M V Switchgear	L & T / Schneider(Imported)/ABB
10	Miniature circuit breakers/ DB	Legrand (MDS) / ABB/L&T / Schneider
11	Switches, plugs, telephone	Schneider/Legrand/North West/Honeywell
12	DB's & MCB's	Schneider/Legrand/ABB
13	LT Cables	POLYCAB/ KEI/ HAVELLS / SKYTONE
14	MCCB's	ABB/L&T / Schneider
15	Meter's	ELECTREX/CONZERV
16	Gang Box	Schneider/Legrand/North West /MK
17	G.I. Pipe	Jindal
18	Light Fixtures	Jaquar / Sparkin or Equivalent
19	Fire Alarm Systems	Morley / Siemenc / Cooper
20	PA Systems	BOSCH / Ahuja Make
<b>HVAC Works</b>		
<b>HVAC-AIR DISTRIBUTION</b>		
2	Factory Fabricated Ducts	ROLOSTAR/CAMDUCT/DEV DUCT/veda/zeco/7 star/ ductofab/dustech/GP Spira
3	SUPPLY / RETURN AIR DIFFUSERS/GRILLES/LOUVERS	AIR TECH CONTROLS/ BETEC CAD / DYNAMIC / COSMIC/JAYDEE/AIRTECH CONTROL/cosmos/AIRMASTER/AIR ACTION/Caryiare
4	Air Transfer Grilles	Dynacraft/ Titus/ Servex/ Air Master/ Mapro/advance aircool
6	Inline fan	crystal/ green heck
<b>PLUMBING &amp; SPRINKLER SYSTEM</b>		
<b>Plumbing - Sanitary Fixtures &amp; Faucets</b>		
<u>S.No</u>	<u>Item</u>	<u>Approved Make/ Manufacturers/ supplier</u>
1	WC	Jaquar / Artize or equivalent
2	Urinal	Jaquar or equivalent
3	Washbasin	Jaquar / Artize or equivalent
4	Concealed Cistern	Geberit / Jaquar or equivalent
5	Mixture Tap	Jaquar / Artize or equivalent
6	C.P. brass Faucets, Wastes, Traps etc	Chilly / Chumun /Intellotech

7	C.P. Wastes, Spreaders, Urinal Flush Pipe	Chilly / Chumun /Intellotech
8	floor and Bottle Traps	Parryware/ Chilly / Chumun
9	Soap dispenser	Kopal / Euronics/Chilly/ or equivalent make
10	Hand dryer	Kopal / Euronics/Chilly/ or equivalent make
11	Mirror/ glass	Modi float/ st. Gobain/asahi
12	Infrared Sensor operated Faucets	Kopal / Euronics / Parryware or equivalent make
13	C.P. Angle Valves (Ball Valve Type)	Jaquar or equivalent
14	Geyser	Racold / AO Smith / Haier
15	Towel Paper Dispenser	Euronics /Chilly/ or equivalent make
16	Health Faucet	Jaquar or equivalent
	<b>Plumbing - Pipes &amp; Fittings</b>	
18	Centrifugally Cast (Spun) Iron Soil, Waste & Vent Pipes	Jayaswal / Neco and Fittings (Nagpur)
19	CPVC Pipes	Supreme / Astral / Ashirvad
20	UPVC Pipes and Fittings	Supreme / Prince / Astral / Ashirvad
21	UPVC Pipes and Fittings	Supreme / Prince
22	CPVC Pipes and Fittings	Astral / Ashirvad
23	G.I. Pipes	TATA / Jindal Hisar
24	G.I. Fittings	Unik

## ANNEXURE-B

### Form 1: Covering letter with the Proposal in response to RFP Notice

(To be submitted on the Letterhead of the responding firm)

{Place}

{Date}

To,

Deputy Director (Accounts),  
Quality Council of India,  
Institution of Engineers Building,  
2<sup>nd</sup> Floor, 2, Bahadur Shah Zafar Marg,  
New Delhi-110002

Subject: Submission of proposal in response to the RFP for “**Interior Works at QCI Head Office**”.

Dear Sir,

1. Having examined the RFP document, we, the undersigned, herewith submit our proposal in response to your RFP dated <dd/mm/yy> for “<RFP Name>”, in full conformity with the said RFP document.
2. We undertake, if our proposal is accepted, to adhere to assign a team dedicate to this project.
3. We have read the provisions of RFP and confirm that these are acceptable to us. We further declare that additional conditions, variations, deviations, if any, found in our proposal shall not be given effect to.
4. We undertake, if our proposal is accepted, to adhere to the scope of engagement or such modified plan as may subsequently be mutually agreed between us and QCI or its appointed representatives.
5. We agree to unconditionally accept all the terms and conditions set out in the RFP document and also agree to abide by this bid response for a maximum period of TWO MONTHS from the date fixed for bid opening and it shall remain binding upon us with full force and virtue, until within this period a formal contract is prepared and executed, this bid response, together with your written acceptance thereof in your notification of award, shall constitute a binding contract between us and QCI.
6. We affirm that the information contained in this proposal or any part thereof, including its exhibits, schedules, and other documents and instruments delivered or to be delivered to through this proposal is true, accurate, and complete.
7. This proposal includes all information necessary to ensure that the statements therein do not in whole or in part mislead the QCI as to any material fact. We agree that QCI is not bound to accept the lowest or any bid response you may receive. We also agree that you reserve the right in absolute sense to reject all or any of the products/ service specified in the bid response without assigning any reason whatsoever.
8. We confirm that we have not been blacklisted by any central or state government agency, PSU etc.

It is hereby confirmed that I/We are entitled to act on behalf of our corporation/company/ firm/organization and empowered to sign this document as well as such other documents, which may be required in this connection.

Dated this Day of 2023

(Signature) (In the capacity of)

Duly authorized to sign the Bid Response for and on behalf of:

(Name and Address of Company) Seal/Stamp of Contractor



**Form 2: Relevant Project Experience**

S. No.	Name of the Project/Engagement	Client name	Duration (Period)	Value

**Form 3: Details of Responding Organisation**

Section No.	Sr. No.	Particular	Detail
<b>I</b>	<b>COMPANY PROFILE :</b>		
	1.	Name of the Organization * (As appearing on PAN Card)	
	2.	Registered Office Address *	
	3.	Address for Billing Office & Address *	
		Name of Contact Person *	
		Contact No. *	
		Mobile No.	
		E mail ID *	
	4.	Name of Contact Person (Finance & Accounts) *	
		Contact no.	
		Mobile no.	
		E mail ID *	

<b>II</b>	<b>STATUTORY DETAILS:</b>		
	1.	<b>GST Details: -</b>	

		Whether Registered Assessee (Yes or No)	
		<b>If Yes: -</b>	
		GSTIN Number # *	
		Type of Assessee	
	2.	<b>MSME</b>	
		Whether Registered under MSME (Yes or No) *	
		<b>If Yes: -</b>	
		MSME Registration No. and validity date # *	
	3.	Permanent Income Tax No. (PAN) #	
	4.	<u>NATURE OF ENTITY: *</u> PROPRIETOR/PARTNERSHIP/ LPP/ PRIVATE LIMITED /PUBLIC LIMITED/GOVERNMENT	
	5.	WHETHER FUNCTIONING IN A SPECIAL ECONOMIC ZONE. (SEZ) (YES/ NO) *	

<b>III</b>	<b>BANK DETAILS: -</b>		
		Name of Bank	
		Address of Bank	
		Bank Account No.	
		IFSC Code	
		SWIFT CODE (If party's billing address is outside India)	

<b>IV</b>	<b>Details of responding Company</b>		
1.	Current Year Turnover ( Rs Crores) from application development and audit related operations in India;		

2.	Company Profile (Operations in India)		
2.1	Average turnover from Indian Operations	(Turnover in Rs Crores)	
2.2	Full-time professional staff engaged in related services	(Number of Staff)	
2.3	Extent of operations in India (national spread) i.e. number of offices in India (client specific / project specific offices should not be taken into account)	(Number of Offices in different cities/towns and their address)	
3.	Company Experience		
3.2	Experience of working on similar Specifications		(Number of Projects and their brief description)

**Declaration by Director/ Proprietor/ Partner:**

I/We declare that the information furnished above are correct to the best of my/our knowledge / belief. I/We undertake to inform you of any change in above particulars at the earliest.

#### Form 4: Format for Non-Blacklisting Undertaking

(To be submitted on the Letterhead of the responding firm)

To,  
Deputy Director (Finance & Accounts),  
Quality Council of India,  
Institution of Engineers Building,  
2nd Floor, 2, Bahadur Shah Zafar Marg,  
New Delhi-110002

**Subject:** Non-Blacklisting declaration in connection with RFP Ref. No. \_\_\_\_\_ dated\_\_\_\_ for \_\_\_\_\_

Dear Sir,

This is to notify you that our Firm/Company/Organisation \_\_\_\_\_ intends to submit proposal in response to invitation for Tender Ref. No. \_\_\_\_\_ for <>. In accordance with the above, we declare that:

- a. We are not involved in any major litigation that may have an impact of affecting or compromising the delivery of services as required under this agreement
- b. We are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities.

Dated this Day of (Year)

(Signature) (In the capacity of)

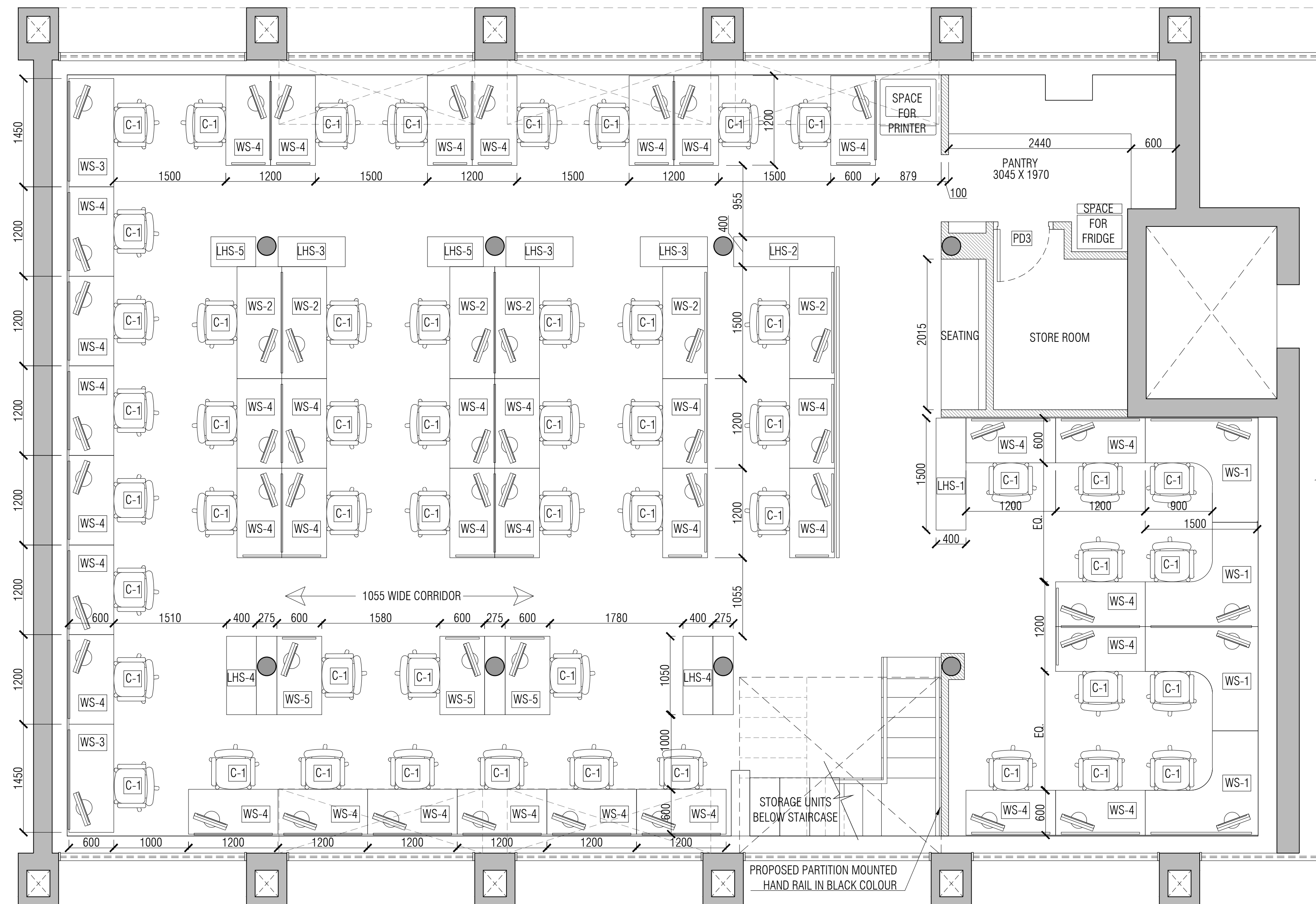
Duly authorized to sign the Proposal Response for and on behalf of:

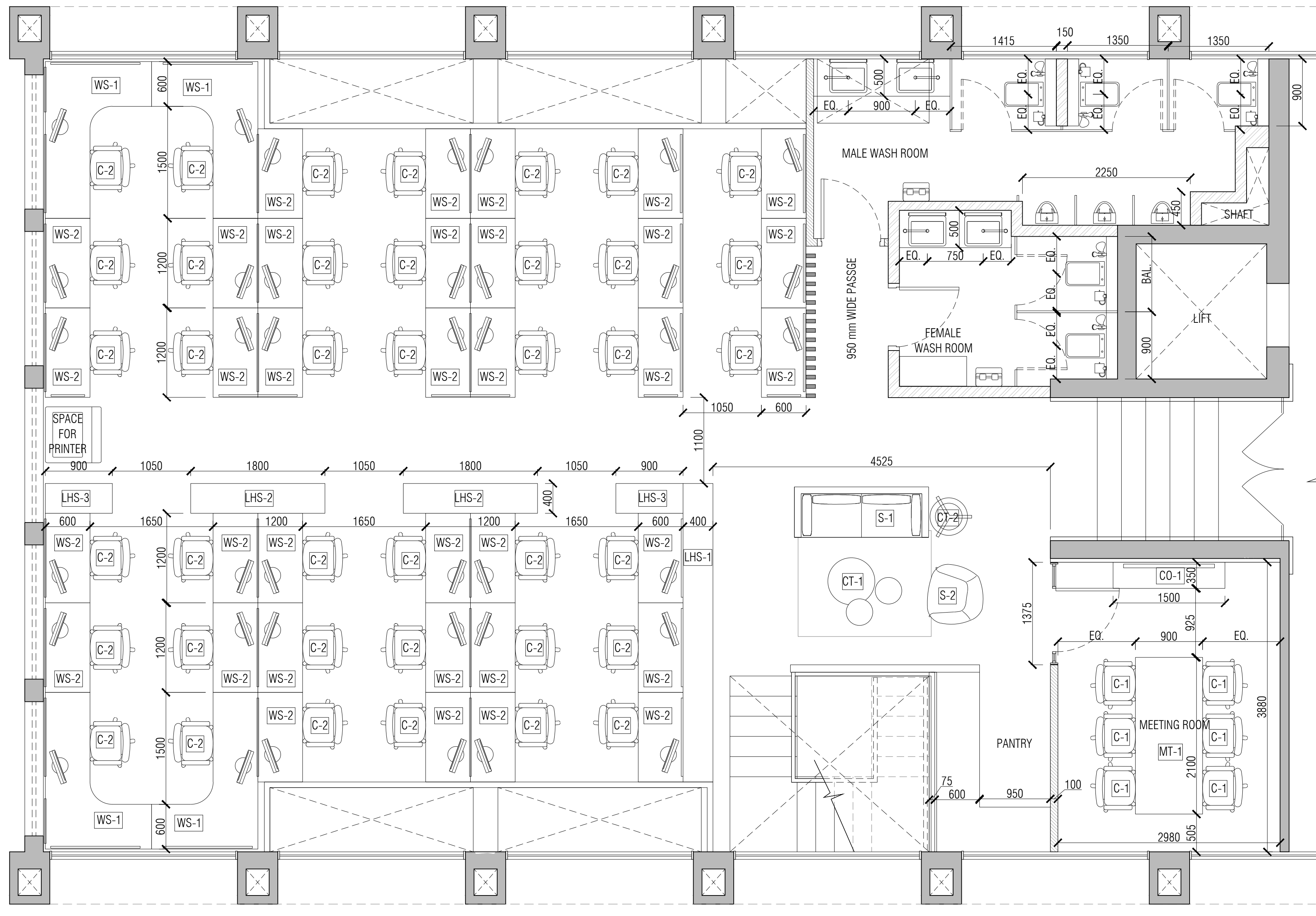
(Name and Address of Company) Seal/Stamp of Bidder

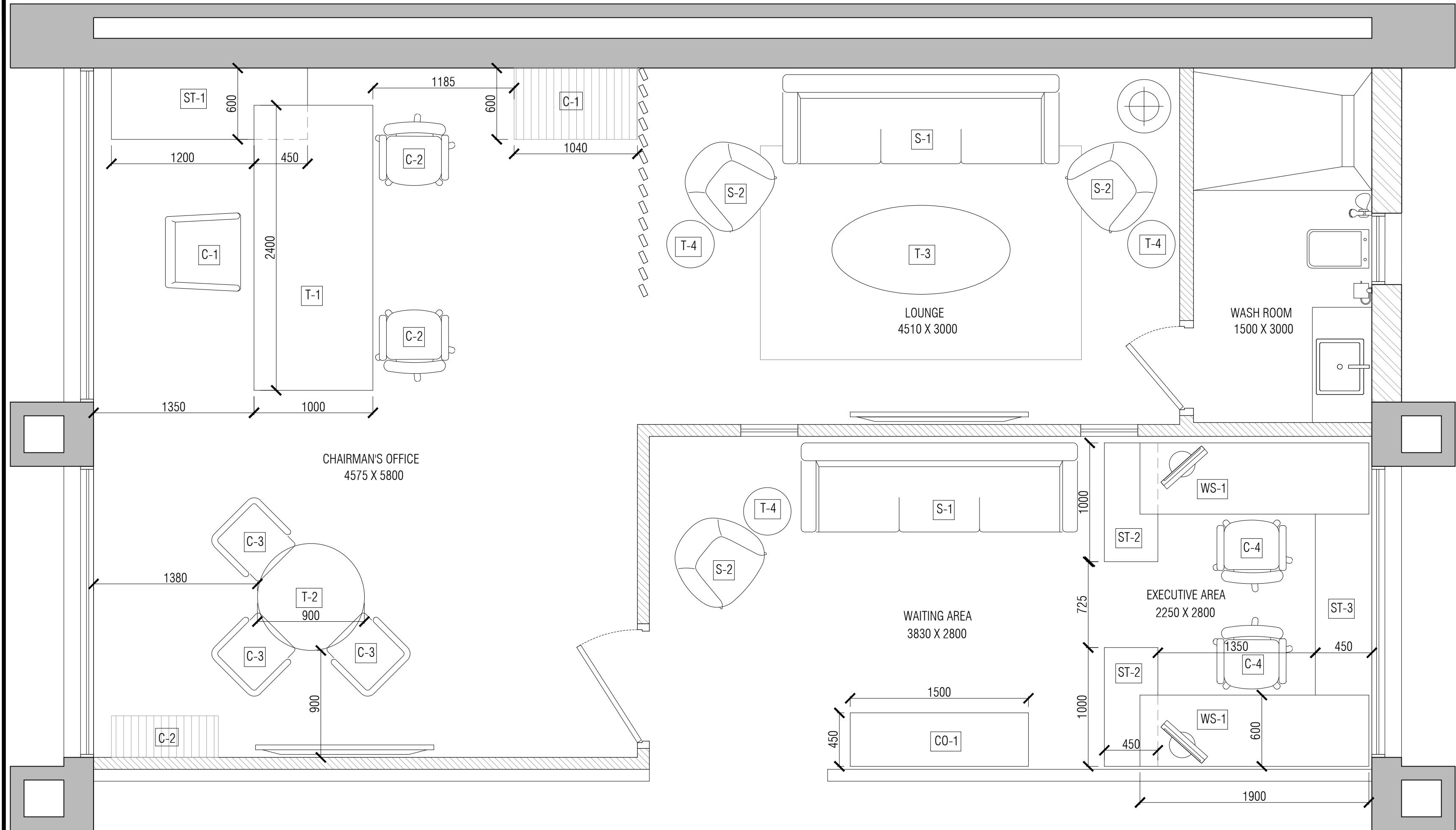
## **ANNEXURE-C**

### **List of Drawings:**

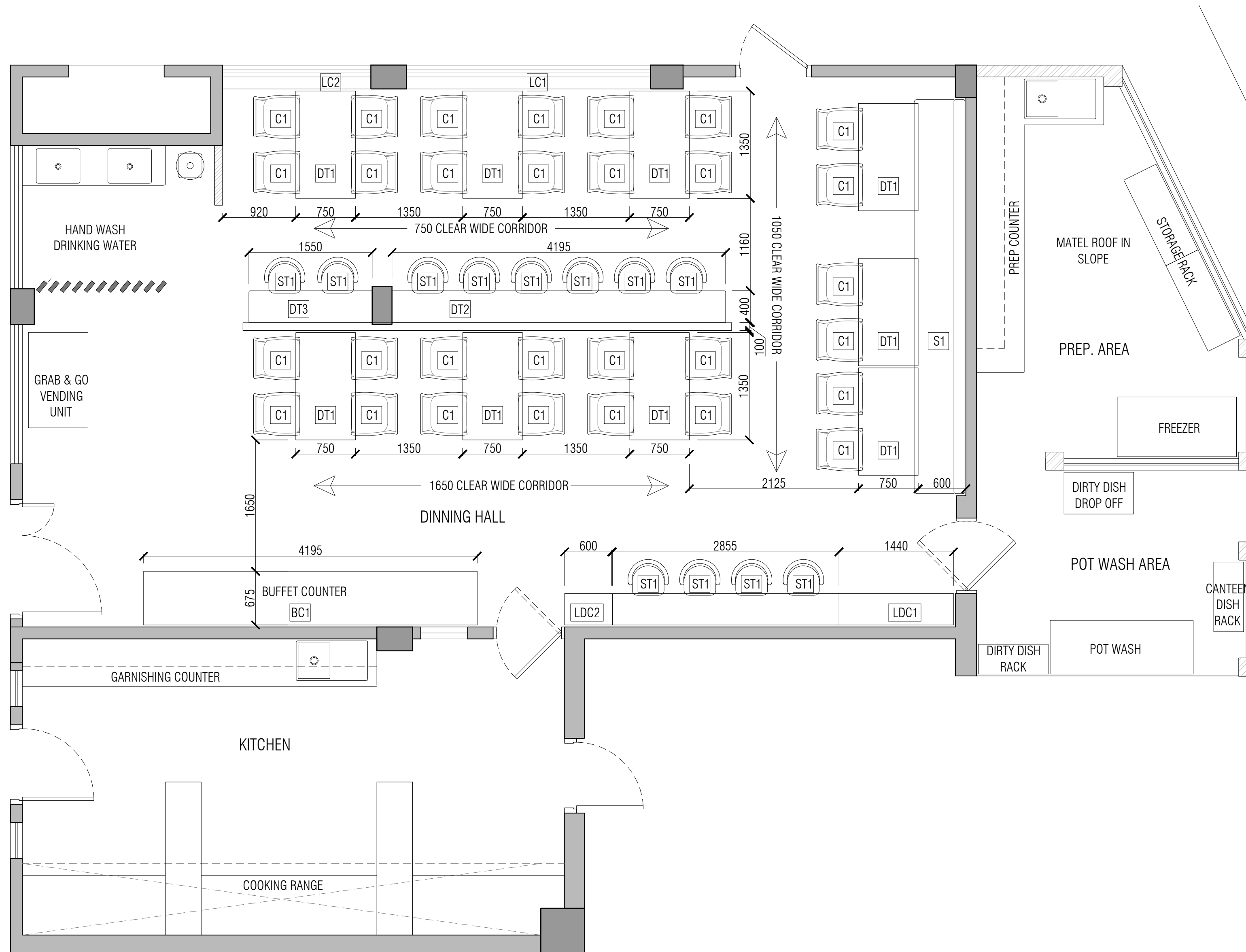
1. Basement Layout Plan
2. Ground floor Layout Plan
3. Second floor (CMD) Layout Plan
4. Canteen block Layout Plan
5. Electrical Single Line Drawings

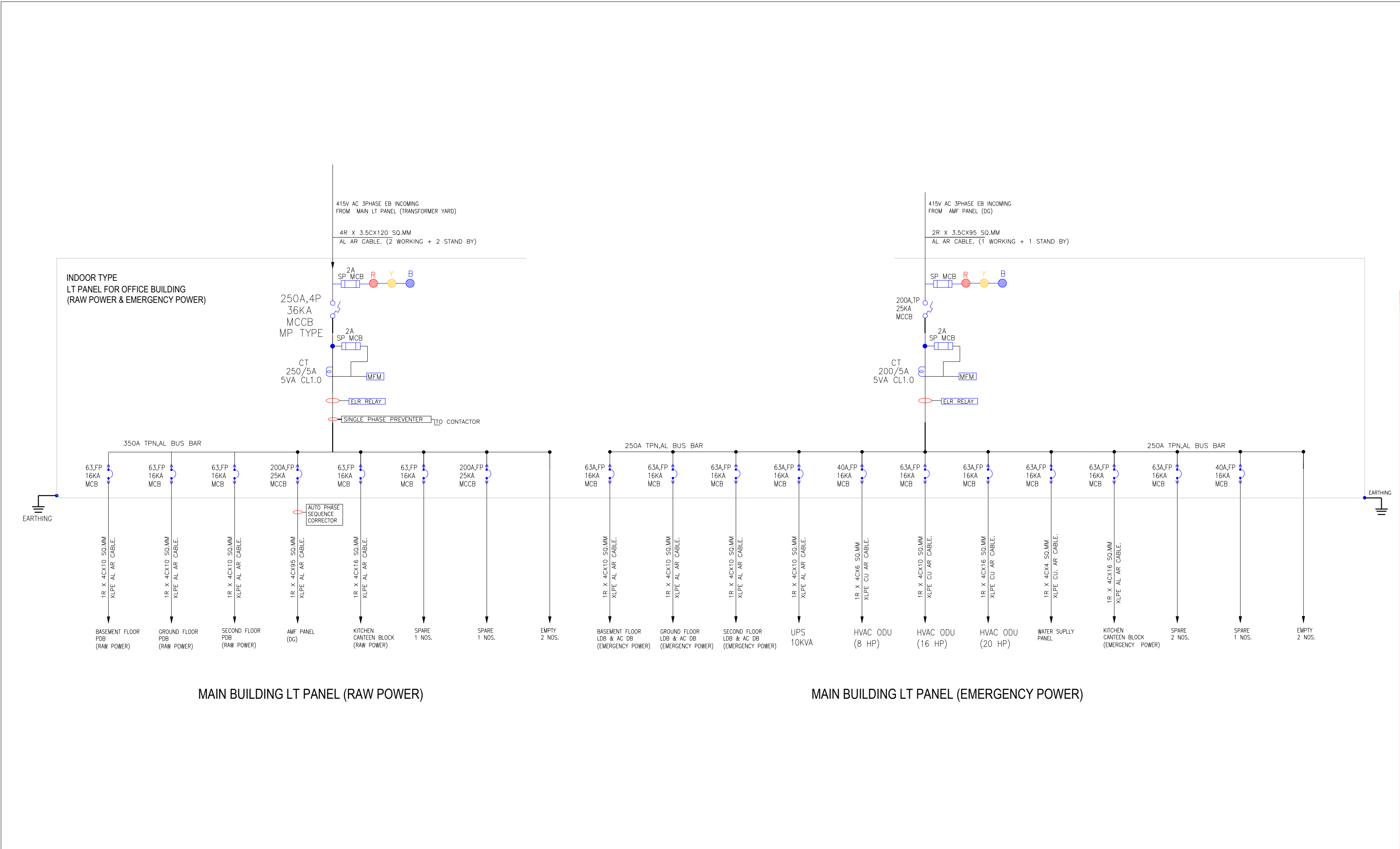








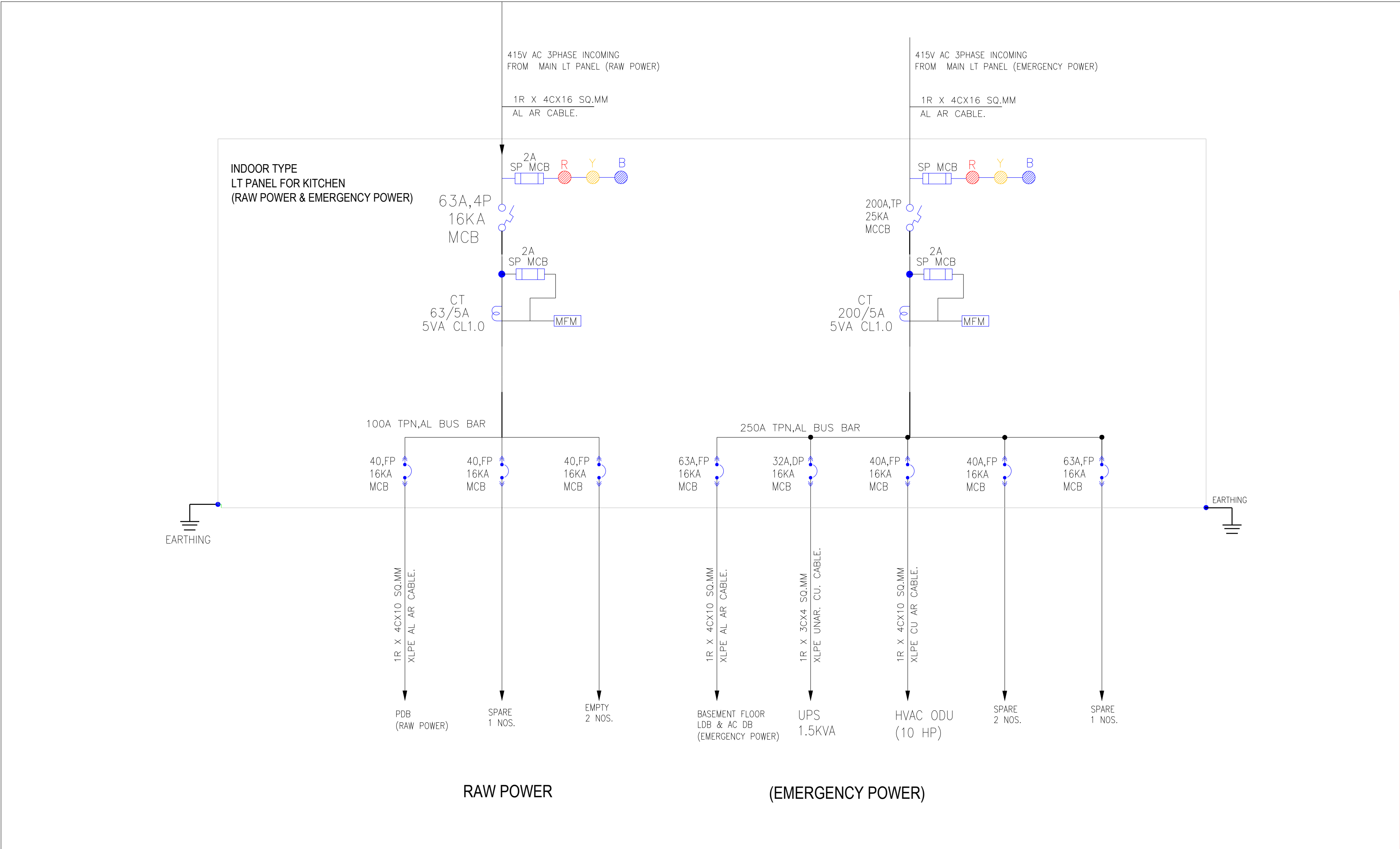




LEGENDS	
SYMBOLS	DESCRIPTION
	CIRCUIT BREAKER
	CURRENT TRANSFORMER
	MULTI FUNCTION METER
	AMP METER
	VOLT METER
	KILO WATT HOUR METER

NOTE :-  
(1) PANEL SHOULD NOT BE FABRICATED WITHOUT APPROVAL OF CA FROM CONSULTANT AND CLIENT. OTHER WISE CONSULTANT AND CLIENT WILL NOT RESPONSIBLE FOR ANY FUTURE INCONVENIENCE.  
(2) MP TYPE :- MICROPROCESSOR TYPE  
(3) TM TYPE :- THERMAL MAGNETIC TYPE.

PANEL SPECIFICATION :-  
wall/floor mounted LT panel primer coated with powder coated paint & provided with required gasket for dust/vermin proof with degree of protection IP42 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of CRCA sheet upto 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoing, cable alleys & CT, PT Ampere Metre, Volt Metre, selector switches, frequency Metre, phase indicating lamp, Energy Metre complete including cost of busbar supports, detachable cable gland plates, 2 earthing terminals, internal wiring & fixing of separately supplied MCBs, MCCBs, ACB, panel mounted changeover switch/SFUs, etc. as required but excluding cost of busbar strips, Ampere Metre, Volt Metre, selector switch as per approved design



LEGENDS	
SYMBOLS	DESCRIPTION
	CIRCUIT BREAKER
	CURRENT TRANSFORMER
	MULTI FUNCTION METER
	AMP METER
	VOLT METER
	KILO WATT HOUR METER

NOTE :-  
(1) PANEL SHOULD NOT BE FABRICATED WITHOUT APPROVAL OF CA FROM CONSULTANT AND CLIENT. OTHER WISE CONSULTANT AND CLIENT WILL NOT RESPONSIBLE FOR ANY FUTURE INCONVENIENCE.  
(2) MP TYPE :- MICROPROCESSOR TYPE  
(3) TM TYPE :- THERMAL MAGNETIC TYPE.

PANEL SPECIFICATION :-  
wall/floor mounted LT panel primer coated with powder coated paint & provided with required gasket for dust/vermin proof with degree of protection IP42 suitable for 415Volt 3 phase, 50 Hz, 4 wire system fabricated out of ORCA sheet upto 2 mm thick (1.6 mm for doors) duly compartmentalized for incomer, bus section, outgoing, cable alleys & CT, PT, Ampere Metre, Volt Metre, selector switches, frequency Metre, phase indicating lamp, Energy Metre complete including cost of busbar supports, detachable cable gland plates, 2 earthing terminals, internal wiring & fitting of separately supplied MCBs, MCCBs, ACB, panel mounted changeover switch/SFUs, etc. as required but excluding cost of busbar strips, Ampere Metre, Volt Metre, selector switch as per approved design