

NATIONAL INSURANCE COMPANY



**TENDER DOCUMENT
OF
INTERIOR FURNISHING OF REGIONAL OFFICE PREMISES
AT
BENCHMARK BUSINESS PARK, SATYA SAI SQUARE, INDORE (M.P.)**

**ARUN SPAN ARCHITECTS AND CONSTRUCTIONS PVT. LTD.
AR.ARUN SINGH RAJPUT**

Office: 207, SHAM TOWER, 164/2 RNT MARG
NEAR PRESIDENT HOTEL, INDORE-452001
TEL: 0731 4035495; MOB: 9425320759

SECTION-1

TECHNICAL BID

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

PREQUALIFICATION CRITERIA

The interested contractors should furnish the following documents for Prequalification along with the tender document.

1. Completed minimum ONE work of Fifty Lacs & Three works of Twenty Five Lacs of any LIC or Insurance companies / Non Government Organizations
2. Completed minimum of ten works of Fifteen Lacs or more in last three years of Government Department/government financial institutions.
3. Should have registration of GST, Income tax. (Enclose related photocopies of registration, PAN).
4. Enclosed copy of work order/completion certificates & credentials to prove for prequalification.
5. The tender document can be directly downloaded from the site & for hard copy National Insurance Company Regional office at APOLLO TOWER Indore.
6. Rs 1,00,000.00 (Rupees One Lac Only) as earnest money in favor of National Insurance Company Regional office APOLLO TOWER Indore, Tender document without application & earnest money is liable to be rejected.
7. Start date of purchase of tender document : 18 -11-2019
8. Last date of purchase of tender document : 27-11-2019 till 16:00 IST
9. Last date of Submission of tender document : 28-11-2019 till 14:00 IST
10. Works other than BOQ will not be entertained for payments without written permission from Regional office head & Ar. Arun Singh Rajput & Regional office APOLLO TOWER Indore.
11. Any of the item found sub standard of below specification will not be liable for payments, no deducted rates will be provided for that item.
12. For electrical works contractor should provide 'A' class contractor certificate.
13. In 'A' class electrical contractor certificate joint venture not allowed.
14. Contractors have to provide balance sheet of past three years of his account.
15. Time is the essences of the project no excuses will be entertained in regards of working, contractor have to perform the work within time schedule otherwise the penalties will be imposed.
16. Average turnover in last three year not less than 1.5 Cr. (Balance Sheet & CA Certificate Copy Attached)
17. Contractor have local office establishment in Indore from past 5 years at least.

NATIONAL INSURANCE COMPANY REGIONAL OFFICE, INDORE

Sealed tenders on item rate basis are invited in enclosed form from Contractor Empanelled with the National Insurance Company (Regional office, Indore) for the work of **INTERIOR DECORATION/ FURNISHING, ELECTRIFICATION & AIRCONDITIONING**, Work Of Regional Office Premises For NATIONAL INSURANCE COMPANY at BENCHMARK BUSINESS PARK Satya Sai Square, Indore (M.P.)

01. Start Date purchase of tender documents : 18/11/2019
02. Last date of receipt of tender document : 27/11/2019 up to 16:00 IST
03. Last Date of Submission of tender document : 28/11/2019 after 14:00 IST
04. Place of submission of bids : Regional Office APOLLO TOWER Indore
05. Date of commencement : 3 days from issue of work order.
06. Date of completion of work : 60 days from issue of work order.
07. Period for settlement of final bill : 30 days from date of issue of completion certificate by the Architect.
08. Retention percentage/ Security Deposit : 08% (Eight percent) from each running bill.
09. Earnest money deposit : Rs.1,00,000.00/- (Rs. One Lac only)
10. Release of retention money/ earnest money : Earnest money after completion of work and certification of final bill.
Retention money after defect liability period.
11. Value of work for interim certificate : Rs.500000/- (Rupees FIVE Lacs minimum)
12. Liquidated damages for non completion of work within the date of completion : Rs.25000/- (Rupees TWENTY FIVE THOUSAND only) for every week if the work remains unfinished after the date of completion or the date extended subject to maximum of 10% of the value of the work.
13. Defect liability period : 06 months from the date of completion certificate issued by the National Insurance Company / Architect.
14. Interested bidder may obtain further information from the office of consultant / National Insurance Company Architect.
15. National Insurance Company reserves the right to reject wholly or part of any or all tenders received without Assigning any reason whatsoever, Also National Insurance Company reserves the right to split the work and place the order to more than one party.
16. ANY FREAK RATE OF INDIVIDUAL ITEM ON HIGHER SIDE ARE LIABLE FOR NEGOTIATION.

Contractor's Signature

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK
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SUBMISSION OF TENDER

The tenders are to be submitted in separate envelopes each sealed and clearly identified as to envelope number and contents as indicated below. All the envelopes shall be contained in a large envelope “**Tender for Interior Furnishing work of regional office Premises for TENDER DOCUMENT OF NATIONAL INSURANCE REGIONAL OFFICE AT BENCHMARK BUSINESS PARK SATYA SAI SQUARE, INDORE (M.P.)**” and are to be submitted at Regional Office APOLLO TOWER Indore, Madhya Pradesh 452001. Each tenderer will be issued one set of tender documents with schedule of quantities (one set) and drawing. Tenderer will have to return all the documents and drawing issued to them while submission of their tender duly stamped and signed as per instruction.

ENVELOPE NO. 1

The envelope no. 1 earnest money deposit in the form of crossed demand draft of **Rs.100000.00/- (Rs. One Lac only)** drawn in favor of **NATIONAL INSURANCE COMPANY** Regional Office Apollo Tower Indore. This envelope shall be superscripted “**Envelope No. 1, Earnest money deposit & prequalification criteria(Technical bid part-1) for Interior Furnishing work of REGIONAL OFFICE Premises for NATIONAL INSURANCE COMPANY, BENCHMARK BUSINESS PARK ,SATYA SAI SQUARE INDORE (M.P.)**”

ENVELOPE NO. 2

Envelope no. 2 shall contain tender documents and rates for Schedule of quantities, each page and correction duly signed by tenderer including form duly filled in rates in figures and words both. This envelope will be super scribed “ **Envelope No. 2 Financial bid (Price bid part-2) for Interior Furnishing work of REGIONAL OFFICE Premises for NATIONAL INSURANCE COMPANY AT BENCHMARK BUSINESS PARK SATYASAI SQUARE INDORE (M.P.)**”

ENVELOPE NO. 3

(Envelope no. 1+2)

PROJECT INFORMATION

- 1.1 (i) Owner : **NATIONAL INSURANCE COMPANY REGIONAL OFFICE, INDORE**
(ii) Architect : **ARUN SPAN ARCHITECTS AND CONSTRUCTIONS PVT. LTD.
Ar. Arun Singh Rajput, 207 SHAM TOWER INDORE
(PH – 0731-4035495, 9425320759)**
(iii) Site : **Regional office Premises of NATIONAL INSURANCE, at
BENCHMARK BUSINESS PARK SATYA SAI SQUARE INDORE (M.P.)**
(iv) Work : **INTERIOR FURNISHING ELECTRIFICATION & AIR CONDITIONING**
Work of REGIONAL OFFICE premises for BENCHMARK BUSINESS
PARK SATYA SAI SQUARE, Indore (M.P.)

1.2 **SITE CONDITION:**

Tenderer shall visit the site to check the actual site condition prevailing at site. The tenderer shall visit the site and acquaint himself fully of the conditions and no claims what so ever will be entertained on the plea of ignorance or difficulties involved in the execution of work or for carriage of materials, storage, stacking etc., of material. The contractor shall also acquaint himself with existing electrical layout and position of electrical point.

1.3 **SCOPE:**

The work consists of Interior decoration which includes construction of counters, cash counters, partitions, cabinets, false ceiling, electrical wiring, supply & fixing of electrical fixtures like lights, fans, bell, computer wiring, A.C. wiring , earthing, distribution boards, switch boards, etc., in Regional office premises, some premises may include civil work also.

All work during its progress and upon completion shall confirm to the lines, elevation and grades, as shown on the drawings furnished by Architect, should any detail essential for completion of work be omitted from the drawings and specifications, it shall be the responsibility of contractor to inform the Owner/ Architect and to furnish and install such details with and ready for use.

Owner/ Architect may in their absolute discretion issue further drawings & or written instructions, directions in regard to:

- (a) The variation, alteration, modifications of the design, quality or quantity of work or substitution of any work.
- (b) The removal from site of any defective material brought thereon by the contractor.
- (c) The demolition, removal and/or re execution of any work executed by the contractor.
- (d) The rectification & making good of any defects under clauses hereinafter mentioned and defects arising during the maintenance period.
- (e) The rates of items not mentioned in the schedule of quantities shall be fixed by the Owner in consultation with the Architect as provided in the clause of variation.

1.4 **AGREEMENT:**

The successful contractor may be required to sign agreement as may be drawn up to Suit local conditions and shall pay for all stamps and legal expenses etc.

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1.5 GOVERNMENT AND LOCAL RULES:

The contractor shall confirm to the provisions of all the local bye- laws and act relating to the work and to the regulations etc., of the Government and local authorities and of any National Insurance Company with whose system the structure is proposed to be connected. The contractor shall give all notices required by the said Act, Rules, Regulations and Bye-laws and pay all fees payable to such Authority/ Authorities for execution of the work involved. The cost, if any shall be deemed to have been included in his quoted rates, taking in account all liabilities for Licenses, fees for footpath encroachment and restoration etc., and shall indemnify the Employer against such liabilities and shall defend all actions arising from such claims or liabilities.

1.6 TIME OF COMPLETION.

The total work shall be completed as per the stipulated period, in all respect. The work shall not be considered as complete until the Owner / Architect has certified in writing and the defect liability period shall commence from the date of such certificate.

1.7 EXTENSION OF TIME:

If in the opinion of the Employer/ Architect the works be delayed (a) by reason of any exceptionally inclement weather, or (b) by reasons of instruction from the Employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighboring owners or (c) by the works, or delay, of other contractors or tradesmen engaged or nominated by the Employer and not referred to in the specification or (d) by reason or authorized extra additions or (e) by reasons of any combination of workmen or strikes or lock out affecting any of the building trades or (f) from other causes which the Employer may consider are beyond the control of contractor, the Employer at the completion of the time allowed for the contract shall make fair & reasonable extension of time for completion in respect thereof. In the event of the Employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably and no claim or extra rate shall be given.

1.8 REMOVAL OF IMPROPER WORK:

The employer shall during the progress of work have power to order in writing from time to time the removal of work within such reasonable time or times as may be specified, in the order of any materials which in the opinion of the Employer/ Architect are not in accordance with specification or instructions, the substitution or proper re-execution of any work with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the contractor refuses to comply with the order the Employer shall have the power to comply and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Employer/ Architect shall be borne by the contractor. No certificate which may be given by the Architect shall relieve the contractor from his liability in respect of unsound work or bad materials.

1.9 DAMAGE TO PERSON AND PROPERTY:

The contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/ or decorative parts of the property which may arise from the operations or neglect of himself or of any sub contractor or of any of his or a sub contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in anyway connected with the carrying out of this contract. The clause shall be held to include inter-alia, any damage to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, footpaths, or ways as well

as damages caused to the buildings and the works forming the subject of this contract by rains, wind or other inclemency of the weather. The contractor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any acts of compensation or damage consequent upon such claim. The contractor shall reinstate all damages of every sort mentioned in the clause, so as to deliver the whole of contract works complete and perfect in every respect and so as to make or otherwise satisfy all claims for damages to the property of third parties.

1.10 VALIDITY:

The contractor should note that the offer shall be valid for a period of 3 months from the date of opening of the quotation by the Company.

1.11 SECURITY:

The Interior decorator contractor will make his own arrangements for the security of his materials of furnishing & decoration, electrical, etc., or any other material at site and the National Insurance Company will have no liability of any nature against the security.

1.12 POWER SUPPLY:

The power supply required will be made available by the owner for the work of Interior decoration.

1.13 ELECTRICAL WORK:

For electrical fixtures and light points required as per drawings the contractor has to draw the wires from existing position of light points, power points where ever and if available. The contractor shall submit the certificate from electrical contractor holding required license from M.P.E.B. and shall also get the old/ new meter, additional connection if required. Any charges towards the deposit/ replacement of meter or for any additional load shall however be borne by the National Insurance Company but rest all or any other charges shall be borne by the Contractor himself.

1.14 TESTING & COMMISSIONING:

Before the lighting/ power installation is made alive the Contractor shall carry out tests enumerated below in presence of Employer/ Architect or his authorized representative. All testing equipments necessary to carry out the tests shall be arranged by the Contractor and the test results recorded on approved Performa. Nothing extra shall be payable for testing.

01. Measure insulation resistance of each circuit without lamps being in place and it should be less than 5 mega ohms to earth.
02. Before energizing, measure insulation resistance of the cable from phase to phase and that from phase to ground. Insulation resistance of the bus bars at the lighting panel from phase to phase and from phase to ground shall be measured before energizing the panel and should comply latest IS codes.
03. Current and voltage of all phase shall be measured at the lighting panel bus bars with all circuits on the fixtures and also in all switch boards.
04. Check the earth continuity for all socket outlets. A fixed relative position of the phase & neutral connection inside the socket shall be established for the sockets.

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05. The earth electrodes shall be tested for earth resistance by means of standard earth tester. The resistance between the earthing system and the general mass of earth shall not be greater than 1 ohm.
06. While crossing the expansion joints of building, conduits shall be provided with flexible pipe and shall not be more than 250mm, at both the ends of conduit, proper flexible couplings shall be provided and earth wire shall be properly connected to earthing terminal of coupling.
07. Contractor should quote after site visit only. In case for cable trench, street light pole, pit, earthing pit, etc., or any place where Contractor has to dig the earth in hard strata or rock he has to do so at quoted rates only for item. No blasting shall be allowed for such digging.
08. For earthing of street light tubular pole earth spirit shall be used & 8 SWG G.I. wire as per standard specifications.

1.15 VARIATION / DEVIATION:

The contractor may when authorized and shall when directed in writing by the Employer add and or omit, or vary the works given in the drawings or described in the specifications of included in the priced schedule or quantities. The contractor on his own accord shall make no addition, omission or variation without such authorization of direction. A verbal authorization or direction by the Employer shall when confirmed correctly by the contractor in writing within 3 days shall be deemed to have been given in writing.

The price of all such additional items will be worked out on basis of rates quoted for similar items in the contract wherever existing or on engineering rate analysis based on prevalent fair price of labor, material and other components as required.

2.0 COMMERCIAL TERMS:

2.1 PAYMENTS:

All bills shall be prepared by the Contractor in the form prescribed by Owner/ Architect, accompanied by detailed measurement in support of the quantities of work done. The Architect shall issue a certificate after due scrutiny of contractor's bill. The owner shall make the payment within 7 days of the date of certified bill by the Architect, after making deduction as per clauses. All running bill shall be treated as advance payment only. However each running bill shall not be of value less than Rs. 2,00,000/-

2.2 RETENTION AMOUNT:

Retention money shall be deducted from progressive running bills @ 08% of the gross value of each running bill.

2.3 INCOME TAX: (Item 2.3 (a) not applicable for empanelled contractors.)

(a) The contractor shall furnish income tax clearance certificate along with tender.

(b) As per prevailing rate of income tax notification shall be deducted from the payment of each running bill for which required certificate shall be issued by the owner.

**3.0 INSTRUCTION TO CONTRACTOR'S & GENERAL TERMS AND CONDITIONS:
(Item 3.1 to 3.7 not applicable for empanelled contractors.)**

- 3.1 Each contractor has to furnish the following details regarding their financial capacity & experience along with the tender.

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- 3.2** Class of registration of firm and the registration year (enclose photo copy of the registration certificate).
- 3.3** Agency with who registered.
- 3.4** Value of work for which registration has been made (if registered with various agencies giving details or registration to above in case of all agencies).
- 3.5** The name of partners and detailed bio- data of each partner (enclosed copy of partnership deed) in case of firm. In case of Company, its memorandum of Article of Association is to be enclosed. In case of Proprietary, bio- data of proprietor is to be enclosed.
- 3.6** Date of registration of firm.
- 3.7** Details of number of technically qualified employees engaged by your firm and their bio-data.
- 3.8** Architect will undertake periodic supervision of Interior decoration work and will ensure the quality of work and will check measurement s of the running bills.
- 3.9** The Architect will check all running bills submitted by the contractor within a period of 15 (fifteen) days from the receipt of the same & will recommend for payment.
- 3.10** All the finishing materials like laminates, tapestry, Rexene, colors for color scheme, lighting fixtures will have to be got approved by the Architect before implementation.
- 3.11** **EXPERIENCE:** (Item 3.11 not applicable for empanelled contractors)
The contractor should have minimum 5 years Interior decoration experience and should have decorated similar type of work in the name of National Insurance Company on whose behalf the contractor is holding this tender. The contractor should submit the details of works executed and works in hand.
- 3.12** Each and every page of the specification and schedule of quantities etc., should be signed by the contractor before submission, as a token of acceptance, correction if any should be attested.
- 3.13** Rates quoted should be in figures as well as in words and there should not be any over writing as far as possible.
- 3.14** National Insurance Company shall not be responsible in any way for an interruption, failure of power supply and the same shall not be considered as a reason for the delay in the completion of the work awarded.
- 3.15** The quantities specified are indicated for the purpose of estimate only. During the actual execution of Interior decoration work specified National Insurance Company shall be at liberty to vary (delete/ reduce/ increase) the quantum of any item of work or execute through any other agencies, as per their discretion, and the contractor shall have to carry the work as per rates quoted by them, and the contractor shall be not entitled for any extra compensation.
- 3.16** No escalation on any account of labor, material or any enhancement of statutory forces by the Government to employees of the contractor etc., shall be allowed. No enhancement in case of

any type of levy imposed by the Government on any of the raw material used for Interior decoration work shall be allowed.

- 3.17** The rates should be inclusive of all taxes like sales tax, entry tax, or of any nature and no claim on this account what so ever shall be entertained by the Company.

3.18 POWER OF ATTORNEY:

The quotation should be signed by any authorized person/partner who has the power of attorney to sign the contract as also for entering into an agreement with the respect, to the above, should be submitted along with the quotation.

Submission of quotation shall be treated as the acceptance of these terms and conditions and any counter terms shall not be accepted.

4.0 DRAWINGS INSTRUCTION AND MEASUREMENT:

All work shall be done according to the detailed drawings of the Architect. Measurements shall be taken of actual work done, as per schedule of items.

DRAWINGS:

The drawings as listed under the schedule of drawings are the part of the tender and the contractor shall strictly adhere to the same. The contractor shall read the working drawings carefully while quoting the rates. If necessary additional details, drawings shall be issued at the time of execution. The contractor shall provide the furnishing items as per the drawings; deviations shall be paid on the basis of the analysis approved by the Architect.

4.1 SAMPLES:

Samples of materials used in each item of work shall be submitted by the contractor at his own cost for the approval of the architect, and the contractor will be required to perform all work under this contract in compliance with the samples at his own cost.

4.2 STORAGE:

Safe, dry and proper storage and security shall be the responsibility of the contractor.

5.0 RIGHT TO REJECT BIDS:

National Insurance Company reserves the right to accept or reject any or all the tenders in full or part or to waive any informally, minor deviations and omissions without assigning any reasons, right to reject conditional tenders and also relax any contract condition at its discretion.

5.1 RIGHT TO ACCEPT:

National Insurance Company is not in any way bound to accept the lowest or any quotation and reserves to itself, the right to accept any or in whole or any part of the quotation or portion of the quantity offered and reserves the right to negotiate with any /all the contractors.

5.2 RIGHT OF OWNER TO DETERMINATE/ TERMINATE CONTRACT:

National Insurance Company shall at any time be entitled to determinate the contract if in the opinion of the Owner, session of the work becomes necessary owing to paucity of funds or from any other cause whatsoever.

The cost of approved materials at the site at the current market rates or original purchase rates whichever is lower as verified and decided by National Insurance Company and the value of such work done to date by the contractor shall be paid in such occurrence.

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5.3 FORCE MAJOR:

Any delay or failure of the performance of either party here to shall not constitute default hereunder or give rise to claims for damages if any to the extent such delay or failure of performance is caused by occurrence such as Acts of God or the public enemy, expropriation or confiscation of facilities by Government authorities, Act of war, rebellion or sabotage or fire, flood, explosion or illegal strikes.

6.0 SITE ORDER BOOK:

The contractor shall maintain site order book at site and will have to submit the same at the time of applying for completion certificate.

All instruction changes, deviations, additions or alterations be recorded and duly signed by contractor, In charge officer of the Company, and Architect in the site order book of contractor which will form a part of document.

6.1 COMPLETION CERTIFICATE:

On completion of entire interior decoration work the contractor shall be eligible to apply for completion certificate. The In charge officer of the Company, shall issue the completion certificate within 15 days after receiving the letter from the contractor along with the following documents on recommendation of the Architect.

(a) The total working drawings issued to the contractor according to which the work is executed.

(b) Site order book if any duly signed by the Architect and In charge officer of the National Insurance Company and the contractor or his representative.

(c) Any other drawings issued by Architect during execution.

(d) All measurement books/ bills duly signed by In charge officer of the National Insurance Company.

6.2 DEFECT LIABILITY PERIOD:

On completion of the work at site as certified by the Architect and the Engineer In charge the contractor shall be responsible against the manufactured and installation for the furnishing and decoration as executed by him for a period of 12 months. He shall rectify any defects pointed by In charge Officer of the National Insurance Company & ensure proper performance of the job done by him till such time.

7.0 EXTRA ITEMS:

If necessary the contractor shall execute any other item of work not covered up by the schedule of quantities of item and the working drawings which shall be paid to the contractor as extra item. Rates of such extra items shall be settled on the basis of (a) on the basis of market rate and decision of Regional Manager of National Insurance Company and will be final and binding on the recommendation of the Architect. Before execution of such extra item prior approval of item and rate must be taken by the contractor from the In charge / Architect.

8.0 COMPENSATION FOR DELAY:

The times allowed for carrying out work as entered in the contract shall be strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is

given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to the essence of the contract of the part of the contractor) and the contractor shall pay as compensation an amount of **Rs.25000/-** or such smaller amount as the Regional Manager may decide, on the amount of the estimated cost of the whole work as shown in the contract, every week, that the work remains un commenced or un furnished after the proper dates , provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed 10% of the estimated cost of work.

9.0 ARBITRATION:

All disputes or differences of any kind whatsoever which shall at any time arise between the parties here to touching or concerning the works or the execution or maintenance there of this contract or the construction remaining. Operation or effect thereof or to the rights or liabilities of the parties or arising out of or in relation there to whether during or after determination for closure or breach of contract (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall after written notice by either party to the contract to the other of them and to Employer herein after mentioned be referred for adjudication to a sole Arbitrator to be appointed as hereinafter provided.

For the purpose of appointing sole Arbitrator referred to above, the Employer will send within thirty days of receipt of the notice, to the contractor a panel of three names who shall be presently unconnected with the organization for which the work is executed.

The contractor shall on receipt of the names as aforesaid select any one of the person's name to be appointed as sole Arbitrator and communicate the name to the Employer within thirty days of receipt of the names. The Employer shall there upon without any delay appoint the said person as sole Arbitrator. If the Contractor fails to communicate such selection as provided above within the period specified, the competent authority shall make the selection and appoint the selected person as sole Arbitrator. If the Employer fails to send to the contractor the panel of three names as aforesaid within 30 days of receipt of the panel and inform the Contractor accordingly, the contractor shall be entitled to appoint one of the persons from the panel as the sole Arbitrator and communicate his name to the Employer.

If the Arbitrator so appointed is unable or un willing to act or resigns his appointment or vacates his office due to any reason what so ever another sole Arbitrator shall be appointed as aforesaid.

The work under the contract shall, however, continue during the arbitration proceedings and no payment due or payable to the contractor shall be withheld on account of such proceedings.

The Arbitrator may from time to time, with the consent of parties, enlarge the time for making and publishing the award.

The Arbitrator shall give a separate award in respect of each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion.

The fees if any of the Arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each parties. The cost of the reference and of the award including the fees, if any, of the Arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle an amount of costs to be paid.

The award of the Arbitrator shall be final and binding on both the parties.

Subject to aforesaid the provisions of the Arbitration Act 1940 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the Arbitration proceedings under this clause.

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The Employer and the Contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to Arbitration.

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TECHNICAL SPECIFICATION OF MATERIAL TO BE USED AT BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE (M.P.)

S.No.	ITEM	SPECIFICATION	TRADE NAME
01.	Boiled Water Proof Board (BWP)	19 mm thick	Green Ply, Century Ply
02.	Plywood IS : 303	6mm, 8mm, 12mm ,18mm & 25mm thick (MR grade)	Uniply, Green ply Amul Ply
03.	Pre laminated board	12mm	Novapan, Archidlam, Green ply
04.	Laminate	1.5mm & 1mm thick	Formica, Sun mica.
05.	Glass	6mm, 8mm, 10mm & 12mm clear float glass	Modi, Saint Gobin
06.	Aluminum	16 gauge	Jindal
07.	Adhesive	SH, SR & SPEEDX	Fevicol, Jivanjor, Vamicol.
08.	Hardware fittings	Locks, handles, screws, hinges, drawer channels, magnetic ball catcher , etc.	Superior quality like Godrej, Ebco, Ozone.
09.	Entrance door	Patch fitting	Ebco, Ozone.
10.	Paint	Oil bound distemper, Premium plastic emulsion paint, synthetic enamel paint	Asian, Berger, ICI Dulux
11.	Foam	6mm, 25mm, 50mm, 75mm, 100mm thick free from defects	U-foam, MM foam minimum 40 density.
12.	Rubber foam	50mm, 75mm & 100mm thick free from defects	Dunlop, prestige
13.	Tiles	Double Charged Vitrified 600mmX600mmX9.5mm (cost per sq. ft. not less than Rs 75/-) Glazed	Kajaria, Nitco, RAK , Granolite, Asian Nitco, Granolite, Brindavan
14.	Vertical blinds	10mm wide	Vista, Trac
15.	Loose Furniture	Tables, Workstations, Storages, Partitions etc.	Methodex, Godrej

NOTE: All the materials before on site execution, should be approved by architect.

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TECHNICAL SPECIFICATION OF MATERIAL TO BE USED AT BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE (M.P.)

S.No.	ITEM	SPECIFICATION
01.	MCB, MCCB	MDS (Legrand), L&T, Havells.
02.	DB's (double door)	Legrand, Havells, Indokopp, Siemens
03.	Copper conductor ,PVC insulated wires (Fire resistant)	Legrand, Polycab, Finolex, Anchor, RR cables.
04.	M.S. conduit	L&T, BEC, Steel Kraft, AKG.
05.	Telephone wires	Polycab, Delton.
06.	Modular switch & socket	MDS Legrand, Anchor Roma, Crabtree.
07.	Telephone socket	MDS Legrand, Anchor Roma, Crabtree.
08.	Ceiling fans	Crompton ,Havells , Wipro, Philips
09.	Wall fans	Crompton ,Havells , Wipro, Philips
10.	Exhaust fans	Crompton ,Havells , Wipro Philips
11.	Fittings (CFL, Tube light, Down lighters, etc)	Legrand, Crompton , Havells , Wipro, Philips
13.	Air conditioner (5 star)	A.C. with remote.(Voltas, Blue star, Carrier)

NOTE: All the materials before on site execution, should be approved by architect.

LETTER SUBMITTING TENDER

To
The Regional Manager
National Insurance Company
Regional Office Apollo Tower Indore.

**Sub: Tender for furnishing of Regional office Premises for National Insurance Company
At BENCHMARK BUSINESS PARK, Satya Sai Square Indore (M.P.)**

Dear Sir,

Having examined the drawing, specifications, schedule of quantities relating to works specified in the memorandum here in after set and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating thereto as affecting the tender. I/We hereby offer to execute the works specified in the said memorandum within the time specified in the said memorandum at the rates mentioned in the attached schedule of quantities and in accordance with the specifications in all respect, designs, drawing and instructions in writing referred to in condition of tender the Articles of Agreement, special conditions, schedule of quantities and condition of contract and with such materials as are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

- | | | |
|-----|-----------------------------------|---|
| (a) | Description of work: | FURNISHING ELECTRIFICATION & AIR CONDITIONING
Work for Regional office premises for BENCHMARK BUSINESS PARK, Satya Sai Square Indore (M.P.) |
| (b) | Earnest Money: | Rs.100000.00/- (Rs. ONE LAKH. only) |
| (c) | Percentage if any to be deducted: | at 08% from interim bills till it reaches to total of security deposit as stipulated. |
| (d) | Completion time: | 60 (SIXTY days) |
-
1. Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed here to so far as they are applicable or in case of default will pay to National Insurance Company the amount mentioned in the said conditions.
 2. I / We deposited a sum of _____ as earnest money in the Form of Demand draft bearing No. _____ dated _____ drawn in favor of National Insurance , Indore , which is not to bear any interest. Should I / We fail to execute the contract when called upon to do so I / We do Hereby agree that this sum shall be forfeited by the Company.
 3. Our Companies are:
 4. The name of partners of our firm are:

(Sig. of the contractor & seal)

SECTION-2
PRICE BID

NATIONAL INSURANCE COMPANY

ABSTRACT SHEET OF BOQ OF REGIONAL OFFICE INDORE

S.NO.	PARTICULAR	AMOUNT	
1	TOTAL FOR INTERIOR FURNISHING	Rs.	
	TOTAL FOR CIVIL WORKS	Rs.	
	TOTAL (A)		
2	TOTAL FOR ELECTRICAL WORKS	Rs.	
	TOTAL FOR TELEPHONE WIRING WORKS	Rs.	
	TOTAL FOR ELECTRICAL FITTINGS & FIXTURES	Rs.	
	TOTAL FOR COMPUTERS NETWORKING	Rs.	
	TOTAL (B)		
3	TOTAL FOR AIR CONDITIONING	Rs.	
	TOTAL (C)		
	TOTAL(A+B+C)	Rs.	
	<u>GRAND TOTAL</u>	Rs.	

BOQ FOR PROPOSED INTERIOR FURNISHING WORKS AT BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE

ESTIMATES OF INTERIOR FURNISHING WORKS FOR REGIONAL OFFICE INDORE					
S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
1	ENTRANCE DOOR (TOUGHENED GLASS WITH PATCH FITTING)				
	Providing and fixing at site Main entrance Full TOUGHENED glass 12.0mm. thick Glass single leaf 7' Height & 3' width . Including patch fitting of top And Bottom, Door Handle , Door Spring , Locks the cost shall include all necessary fittings, all labor, materials, etc. complete.				
	Main Ent. Door - 6'0"x7'	42	Sq.ft.		
	Main Ent. Door - 5'9"x7'	40	Sq.ft.		
2	<u>GYPSUM CEILING BANDS AT EDGES</u>	3440	Sq.ft.		
	Providing and fixing gypsum false ceiling 2' to 3' width at edges as per the given design in 12.5mm. Thick Gypsum board (POP) plain false ceiling with GI suspended from RCC slab/Beam as approved by National Insurance/Architect including G.I. Parameter Channels of size 0.55mm. thick having one flange of 20mm. and another flange of 30mm and web of 27mm along with parameter of ceiling, screw fixed, to the brick wall / partition with the help of nylon sleeves and screws at 600mm. C/C. The suspended G.I. Intermediate channels of size 45x0.9mm. thick with two flanges of 15mm. each from the soffit at 1200mm. C/C with GI cleats and steel expansion fasteners. Ceiling sections of 0.55mm. thick having web of 51.5mm. and two flanges of 26mm. each with lips of 10.5mm. are then fixed to intermediate channel with help of connecting clips and in direction perpendicular to intermediate channel at 457mm. C/C. 12.5mm Tapered edge Gyp board channel at 457mm. C/C in both the directions screwed fixed to the ceiling section with 25mm dry wall screws at 230mm. C/C screw, fixing is done mechanically with drilling machine and suitable attachment. Finally the boards are to be jointed and finished with jointing compound, paper tape and two coats of top Coat, suitable for Gyp board (As recommended practice of India Gyp.) For light fittings in cutouts etc. are to be made with a frame of parameter channels of size 20x27x30x0.5mm thick supported suitably. Angle beads, edge bends, control joints as required to be provided. The quoted rates to include all the above items, ceiling to be painted with minimum two coats of plastic emulsion paint including base preparation etc. complete. (Finished vertical band will be considered for measurement)				
3	<u>ARM STRONG CEILING</u>	3710	Sq.ft.		
	Providing and fixing of false ceiling at all heights of 600mmx 600mmx12mm arm strong mineral fiber ceiling tiles of type IBIZA RH-90 laid on arm strong prelude XL exposed grid systems with 9mm wide T Section flanges colour white. The frame work comprise of main runner spaced at 1200mm centers securely fixed to the structural soffit approved hangers at 1200mm maximum centers. Hangers (GI wire) to be fixed by approved roof plug and screws etc. The last hanger at the end of each main runner should not be greater than 450mm. from the adjacent wall flush fitting 1200mm. along cross tees (with double stitching) to be interlocked between main runners at 600mm. c/c to form 1200x600mm modules. Cut cross tees longer than 600mm to be supported independently. 600mmx600mm modules to be formed by fittings 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be arm strong wall angle secured to walls at 450mm. maximum centers				

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

4	<u>FULLY HEIGHT PARTLY GLAZED PARTITION INCULDING DOOR (MANAGER'S CABIN)</u> Providing and fixing at site fully glazed partition strictly as per the given design & drawing to be made up of 3"x3" box frame of 19mm ply or 21/4"x21/4" Sal / hard wood section, finished with 6mm. Ply on all the sides, finished with 1.0mm. thick laminate finish on all the sides as per the given drawing. The glass is to be fixed to main frame with 11/4"x1" wood beading. All exposed wooden members or beading to have 3 coats of melamine polish. The cost shall include all labor, material, accessories etc complete.	1316	Sq.ft.		
5	<u>LOW HEIGHT PARTITION</u> Providing & fixing at site low height partition (4'6" height) top made with 19mm. ply box frame or 21/4"x21/4" Sal wood / hardwood sections, to be finished with 6mm. ply & 1.0mm. Approved shade of laminated finish. The partition shall have 10mm. thick float glass with cash hole and top corners chamfered and fixed with 11/2" x 1" wenge wood beading finished with 3 coats of melamine polish. The partition shall have 1.0mm. thick laminate SS laminate. The cost of partition should be inclusive of all materials, labor etc. complete.(As per drawing)	690	Sq.ft.		
6	<u>FULL HEIGHT SOLID PARTITION INCLUDING DOORS</u> Providing and fixing at site fully solid partition strictly as per the given design & drawing to be made up of 21/4"x21/4" Sal / hard wood section, finished with 6mm. Ply on all the sides, finished with 1.0mm. thick laminate finish on all the sides as per the given drawing. . All exposed wooden members or beading to have 3 coats of melamine polish. The cost shall include all labor, material, accessories (LATCH) etc complete. (Measurement floor to false ceiling bottom)	6179	Sq.ft.		
7	<u>WALL PANELLING (3'0" HIGH)</u> Providing & fixing at site wall paneling with 2"x1" Sal wood / hardwood frame work to be placed at 2' 0" c/c. The framing shall have 6.0mm. thick ply finished with 1.0mm. thick laminate finish of approved shade Top of paneling on wall to be finished with 2-1/2"x1/2" teak wood beading and shall be melamine polished. The cost shall include all materials, labor etc. complete.	660	Sq.ft.		
8	<u>COLUMN PANELLING(UPTO FALSE CEILING HEIGHT)</u> Providing & fixing at site wall paneling with 2"x1" Sal wood / hardwood frame work to be placed at 2' 0" c/c. The framing shall have 6.0mm. thick ply finished with 1.0mm. thick laminate approved shade Top of paneling on wall to be finished with 2-1/2"x2-1/2" teak wood decorative molding beading and shall be melamine polished. The cost shall include all materials, labor etc. complete.	1443	Sq.ft.		
9	<u>STORAGE TYPE 1</u> Providing & fixing at site storage cabinet 1'6" deep to be made up of 19.0 mm. ply with top & front finished with 1.0mm. laminated finish & 3" skirting of SS finish with teak wood beading on all edges & SS handles with horizontal & vertical shelves as per the given design & site requirement strictly as per the given design & drawing with magnetic catchers. Inside portion to be finished with clear polish finish The cost shall include all materials, locks, catchers, all labor etc. complete.2'6" HEIGHT	423	Sq.ft.		
10	<u>STORAGE TYPE 2</u> Providing & fixing at site storage cabinet 1'6" deep to be made up of 19.0 mm. ply with top & front finished with 1.0mm. laminated finish & 3" skirting of SS finish with teak wood beading on all edges & SS handles with horizontal & vertical shelves as per the given design & site requirement strictly as per the given design & drawing with magnetic catchers. Inside portion to be finished with clear polish finish The cost shall include all materials, locks, catchers, all labor etc. complete.4' HEIGHT	315	Sq.ft.		

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

10	RECEPTION TABLE	1	Nos..		
	Providing & fixing at site Reception Table of size 10'0"x2' 6"x2' 6" to be made up of 19.0mm. ply finished with 1.0mm. thick laminate. The front of table shall have 3" strips of laminate & SS metallic shades laminated bands as per the given design & drawing. The table top shall have 10mm. glass top. The lower storage pedestal shall have 2 Nos.. sliding drawers & one openable shelves. The computer keyboard & drawers shall have heavy duty telescopic slide rails. Provisions are to be made for CPU tray & foot rest. Inner surface of the table to have polish finish. The cost shall include all accessories etc. complete.(10'X2'6")				
11	ROUND DINING TABLE	1	Nos..		
	Providing & fixing at site Round Dining Table of diameter 5'6" to be made up of 19.0mm. ply finished with 1.0mm. thick laminate. The table top shall have wooden top. Inner surface of the table to have polish finish.				
	TOTAL FOR INTERIOR WORKS Rs.				

BOQ FOR PROPOSED INTERIOR LOOSE FURNISHING WORKS & INTERIOR CIVIL WORKS AT BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE

ESTIMATES OF INTERIOR LOOSE FURNITURE FOR REGIONAL OFFICE INDORE					
S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
1	P.A CABIN				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1500 X 750 X 750)	1	Nos..		
b	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1050 X 450 X 750)	1	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	1	Nos..		
2	DGM CABIN 1				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 2400 X 900 X 750)	1	Nos..		
b	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1250 X 750 X 750)	1	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	1	Nos..		
3	RM CABIN 4				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1800 X 900 X 750)	4	Nos..		
b	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 900 X 450 X 750)	4	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	4	Nos..		
4	STAFF AREA 4				
a	54MM PANEL WITH DOUBLE RACEWAY(SIZE-1200W X 1200H) MM	4	Nos..		
b	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	3	Nos..		
c	54MM PANEL WITH DOUBLE RACEWAY(SIZE-1050W X 1200H) MM	3	Nos..		
d	25MM PLPB TOP (SIZE-1200X750MM)	6	Nos..		
e	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	6	Nos..		

(SIGN OF THE CONTRACTOR & SEAL)

ARCHITECT'S SIGN

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

5	AUDIT DEPARTMENT				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1350 X 750 X 750)	3	Nos..		
b	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	1	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	3	Nos..		
6	TP DEPARTMENT				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1350 X 750 X 750)	8	Nos..		
b	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1500 X 750 X 750)	1	Nos..		
c	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	4	Nos..		
d	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	9	Nos..		
e	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1500 X 750 X 750)	1	Nos..		
f	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1050 X 450 X 750)	1	Nos..		
7	OD DEPARTMENT				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1350 X 750 X 750)	9	Nos..		
b	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	4	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	9	Nos..		
d	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1500 X 750 X 750)	1	Nos..		
e	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1050 X 450 X 750)	1	Nos..		
8	VIDEO CONFERENCE ROOM				
a	CONFERENCE TABLE RECTANGULAR, TOP 25MM PLPB U/S LEGS IN 18MM PLPB (SIZE : 3200 X 1050 X 750) STRATEGY 03	1	Nos..		
9	VISILLANCE DEPATMENT				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1350 X 750 X 750)	2	Nos..		
b	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	2	Nos..		
10	TRAINING ROOM				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1200 X 750 X 750)	1	Nos..		
b	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	1	Nos..		
11	STAFF AREA 3				
a	54MM PANEL WITH DOUBLE RACEWAY(SIZE-1200W X 1200H) MM	8	Nos..		
b	54MM PANEL WITH DOUBLE RACEWAY(SIZE-1500W X 1200H) MM	3	Nos..		
c	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	14	Nos..		
d	54MM PANEL WITH DOUBLE RACEWAY(SIZE-1200W X 450H) MM	2	Nos..		
e	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1350X 750 X 750)	3	Nos..		
f	LEG 18 MM	11	Nos..		
g	25MM PLPB TOP (SIZE-1200X750MM)	14	Nos..		
h	25MM PLPB TOP (SIZE-1500X750MM)	4	Nos..		
i	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	21	Nos..		

(SIGN OF THE CONTRACTOR & SEAL)

ARCHITECT'S SIGN

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

12	STAFF AREA 1				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1200 X 750 X 750)	4	Nos..		
b	54MM PANEL WITH DOUBLE RACEWAY(SIZE-750W X 1200H) MM	2	Nos..		
c	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	4	Nos..		
13	MEETING ROOM				
a	CONFERENCE TABLE RECTANGULAR, TOP 25MM PLPB U/S LEGS IN 18MM PLPB (SIZE : 8100 X 1650 X 750)	1	Nos..		
14	STAFF AREA 2				
a	FREE STANDING TABLE 25 MM THICK TOP IN PLPB AND U/S IN 18MM PLPB (SIZE : 1200 X 750 X 750)	5	Nos..		
b	3 Drawer Mobile Pedestal in PLPB (Size-400X450X680MM)	5	Nos..		
15	<u>SOFA WITH BACK</u> Two or three seater sofa with 100 mm thick seat and 75 mm thick back sing 25 mm thick U foam for seat and 12 mm thick U foam for back using helical springs and hard wood frame. Sofa should be withoud arms.	13	per seat		
	TOTAL FOR LOOSE FURNITURE Rs.				

ESTIMATES OF INTERIOR CIVIL WORKS FOR REGIONAL OFFICE INDORE

S.N o	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
1	<u>POP PUNNING</u> Scraping of old paint/distemper wherever necessary from the existing walls, and applying of 4.0 to 8.0mm. thick lime punning over it to give a smooth leveled finish, the final coat of punning to have one coat of oil based Cement primer the cost shall include all labor, materials, etc. complete.	2840	Sq.ft.		
2	<u>ACRYLIC EMULSION PAINT(IN WALLS & GYPSUM CEILING)</u> Applying one coat of cement premier and applying two or more coats of Acrylic emulsion Royale, Velvet touché to be applied over the punning area including one coat of Putty property sand papered to give a neat smooth & silky finish, the cost shall include all materials, labor etc. complete.	1960	Sq.ft.		
	TOTAL FOR CIVIL WORKS Rs.				

(SIGN OF THE CONTRACTOR & SEAL)

ARCHITECT'S SIGN

BOQ FOR PROPOSED INTERIOR ELECTRIFICATION WORKS AT BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORK					
	SUBHEAD I (POINT WIRING) The rates for the point wiring shall include providing and fixing of following: <ol style="list-style-type: none"> Wiring of the point of any length from distribution board to point outlet excluding circuit wiring. Earthing of all switch box and all outlet boxes fittings, fans, 3rd pin of plug with 1.5mm copper wire. Modular Switch/Sockets of Standard make with necessary modular series cover plate and MS boxes. Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar. Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm. thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc. Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in 16 SWG M.S. conduit stove enameled concealed / exposed including switches & sockets as above. 				
INTERNAL WIRING					
1	POINT WIRING:				
	Providing wiring (supply, fixing, testing and comm. etc.) for light point/exhaust fan point/call bell point etc. with 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose, bulb holder etc. including 1.5 sqmm PVC insulated copper earth wire etc. complete as required. Wire colors : Red, Black, Green.				
a.	P & fixing one light point controlled by one switch.	140	Nos..		
b.	Providing and fixing two light point controlled by one switch.	70	Nos..		
c.	Providing and fixing CEILING FAN POINT controlled by one switch with stepped electronic regulator (two Module) as required.	10	Nos..		
d.	Plug point (for wall fans) Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	10	Nos..		
f.	P&F bell point i/c of buzzer	7	Nos..		
2	CIRCUIT WIRING FOR LIGHT BOARDS : Supplying, providing wiring (supply, fixing, testing and comm. etc.) for Lighting circuit with 2 x 2.5 + 1 x 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (Wiring from D.B. / Source to Board / destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed (average length of circuit taken as. (12-15) M.	120	Nos..		

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

3	6 AMP. POINTS ON SAME BOARD: Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	30	Nos..		
4	16 AMP. POWER POINTS: Supply, fixing, testing and commissioning of 1 No. 16A switch & 1 No. six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate, sheet steel box etc. on surface / concealed manner l/c electrical wiring with 2 x 2.5 sqmm + 1 x 1.5 sqmm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (Wiring from D.B. / Source to Board / destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	235	Nos..		
5	A.C POINT Supply, Installation, Testing and commissioning of the surface/ recess mounting distribution board with plug and socket, with SP MCB Incl. wiring with 2 x 4.0 sqmm. + 1 x 2.5 sqmm. PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (wiring from D.B. / Source to Board / Destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.				
	32A	16	Nos..		
	40A	3	Nos..		
	63A	1	Nos..		
PANELS AND D.B.'S					
1	MAIN BOARD & DISTRIBUTION BOARD MAIN PANEL : Supply, installation, testing and commissioning of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14 swg and 16 swg of CRCA M.S. sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and outside of the pannel, bus-bar chamber, outgoing switchgear etc (all feeder unit Would be compact metalized), color coded PVC sleeved vertical/horizontal bus bar of required size of length, (bust-bar distances shall be minimum 32 mm) insulators, hardware, neoprene gasket, hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A/ sqmm of suitable capacity & sie with lugs from bus bar to switchgears/ mccb/mcb or where ever required, two earthing terminal bus bar of size 25 x 5 mm with nut & bolts at out side of the panel, rating and name plates for all incoming & outgoing, two eye two Nos. eye bolts, write mesh jali for ventilation etc comprising with the followings. NOTE : Sheet 16 swg : panel sides, upper, lower and Ft. doors Sheet 16 swg : bck side and compartments Glande plates : 3 mm thick Cable entry : Provision at bottom and upper sides.	1	Nos..		
	INCOMER : Nos.. 160 Amp MCB, 25 k-4 Pole 1 Nos.. - 100 A TPN insulated Aluminum Bus Bar 1 Nos.. - 100 3 mm thick. Set of Indicator Lamps Set of Voltmeter + Ammeter + Selector Switch				

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

SATYASAI SQUARE INDORE (M.P.)

	OUTGOINGS 4 Nos..-100, Amp. TPMCB SET AS ABOVE				
2	LIGHT DISTRIBUTION BOARD Supply, Installation, testing and commissioning of the surface/ recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protectin, direct on wall incl. the followings accessories INCOMER No. TPMCB 40 Amp OUTGOINGS 6-8 Nos. SPMCB 6-10 Amp. SET AS ABOVE Incl. Electical connection, earthing, making good all the damages, painting, cleaning the site, etc. complete as per site requirement and as directed	1	Nos..		
3	AC. DISTRIBUTION BOARD : Supply, Installation, Testing and commissioning of the surface/ recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection, direct on wall incl. the followings accessories INCOMER 5 No. TPMCB 63 Amp 10 No. TPMCB 20 Amp OUTGOINGS 160 AMP MCB 1 no. SET AS ABOVE Incl. Electical connection, earthing, making good all the damages, painting, cleaning the site, etc. complete as per site requirement and as directed site requirement and as directed.	2	Nos..		
4	SUBHEAD IV : UPS WIRING U.P.S. DISTRIBUTION BOARD (INCOMER) Supply, Installation, Testing and commissioning of the surface/ recess mounting following way Double door MCB D.B.-Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories - incl. Electrical connection earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed a INCOMER 1 NOS. 40 A TPNMCB OUTGINGS 2 Nos..-40 Amp SPN SET AS ABOVE b UPS DIST. BOARD OUTGOINGS. 1 Nos. 12 WAY SPN DIST BOARD 1. Nos.. - 40 Amp SPN 6-8 NOS. 6 AMP SPMCB SET AS ABOVE	4	Nos..		
5	SPECIAL POINTS : (UPS) any length Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate, sheet steel box etc on surface/ concealed manner l/c electrical wiring with 2x5 sa mm + 1 x 1.5 sq. mm PVC insulated copper conductor single core multi stranded	235	Nos..		

TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK

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	wire in rigid 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc on surface/ recessed manner etc (Wiring from D.B/ Source to Board/destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed 5Nos.. 6 A Switch + 5 Nos.. 6 A, 5 pin Socket.				
6	EARTHING Preparation of the Earth station : (as per I.S. 3043) a) Excavation of rocky earth, soft murrum, hard murrum etc and back filling with black cotton soil for the earth station, the earth pit size is 1000 mm x 1000 x x 2500 mm deep. b) S/F of Copper plate of size 600 x 600 x 3.00 mm c) Supply & fixing 25 mm x 5 mm, 3 mtrs copper strip from copper plate to earth terminal including brazing/welding at plate etc. d) Supplying and laying in position 15 mm, 2 mtrs. G.I.B. class perforated pipe for watering. e) S/F of one set of reducer/funnel with mesh. f) S/F of the following in the earth station i) 75 kg. Charcoal. ii) 50 kg. Original Salt. g) Construction of earth pit chamber incl necessary brick work, concrete, plastering, S/F of C.I. cover of size 12" x 12" complete as per site requirement with watering arrangement etc complete.	2	Nos..		
7	Supplying and laying 25 x 3 mm copper strip direct on wall/ in ground with screws and washer including soldering / welding etc if required.	20	mtrs		
8	Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board 16 G MS conduit including all materials, accessories etc. complete	30	mtrs		
TOTAL FOR ELECTRICAL WORKS Rs.					

**ESTIMATES FOR TELEPHONE WIRING 'CABLING SYSTEM
& COMPUTERIZATION IN BRANCH AT REGIONAL OFFICE INDORE**

S.N o	ITEM AND SPECIFICATION	QT Y	UNI T	RATE	AMOUNT
1	<u>SUB HEAD : 03 : TELEPHONE WIRING 'CABLING SYSTEM & COMPUTERIZATION</u> <u>Rates to include the following:</u> a. Supplying laying / fixing of the following rigid PVC non metallic conduit 1.0mm. wall thickness ISI Marked of approved make on surface (wall / column / beam / ceiling etc.) / in concealed manner i/c with all m.s. accessories like bends, tees, junction boxes etc. including necessary breaking and cementing the floor if required, complete as required. b. Supplying, drawing, testing and commissioning of 0.61 mm dia, telephone cable tinned copper conductor, PVC insulated and sheathed, fire retarding, anti termite, colour coded twisted pairs and rip cord in existing pipe / trench / tray / beam / column / floor etc. with all necessary materials i/c connect connections, identification by numbering etc. complete as required as per I.T.D. specification. c. Supply and fixing of modular type Telephone Outlets (RJ-11) with suitable size M.S. / PVC modular boxes complete as required i) Single Outlet with shutter.	24	Nos.		

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1a	Supply, Installation, Testing and Commissioning of EPAPX with at least 8 input lines X 48 output lines including their software and programming in complete (Siemens/Panasonic).	1	Nos.		
2	Supplying and fixing of krone type telephone tag block, suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice un skinned cables up to 0.61 mm dia and shall be terminate both inc incoming and out going lines, the tag blocks shall be mounted inside, fabricated 14 swg G.I. box of suitable size with removable hinged covers and locking arrangement and shall be fully accessible. The item is inclusive of providing and fixing of G.I. box boxes in surface / recessed system etc. as required complete. a) 12 pair tag block.	3	Nos.		
3	I.T. CABLES : Supply, laying testing and commissioning of the following 1100 volt grade PVC insulated Al/Cu. Conductor armored cable inner and outer sheathed, along with the two run of G.I. earth wire i/c termination with brass gland and Ai. lugs. etc. complete as required. a. On surface : S/Fixing the cable on wall/ column/ beam/ ceiling / above false ceiling/ existing trench etc. incl. S/F of saddles / Spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making good all the damages				
b	4 C x 10.00 sq.mm armored copper cable with 10 SWG 2 Nos.. G.I. wire for ups room.	40	Mtrs		
c	150 sq.mm. Al. Armored (with 10 SWG 2 Nos.. G.I. wire) from meter to electric panel	30	Mtrs		
D	50 sq.mm 3.5 Core Cable main panel to ACDB	30	Mtrs		
c	25 sq.mm 3.5 Core Cable main Cable For Light D.B	30	Mtrs		
TOTAL FOR TELEPHONE WIRING WORKS Rs.					

**ESTIMATES FOR ELECTRICAL FITTINGS IN BRANCH AT
REGIONAL OFFICE INDORE**

S.N o	ITEM AND SPECIFICATION	QT Y	UNI T	RATE	AMOUNT
<u>ELECTRICAL FITTINGS</u>					
1	Supply, fixing, testing and commissioning of Recess mounted LED luminaries with complete PMMA difuser in metallic frame, held securely to the main body, epoxy, white powder coated CRCA sheet steel housing, pre wired with vacuum presser impregnated copper ballast. RATED LIFE SHOULD BE MORE THAN 50000 BURNING HOURS (WITH REPLACEMENT GUARANTEE OF THE SUPPLIER) MAKE: WIPRO / Philips / Bajaj / Crompton / GE / Havells / OSRAM				
1A	38W (IMMACULATE CRCO 10) CRCO10R038HP57 Approx. Dimensions: 600 X 600 mm	95	Nos.		
1B	14w IRIS LED (High efficiency circular LED Downlighter) LD71-121-XXX-50-XX (iris) 142mm dia.	150	Nos.		
1C	20W Coral LED WIO 80channel housing WI080-1208 & ProLED LL 06/12 High efficiency LED linear lamp LL12-161/65	18	Nos.		
2	<u>FAN :</u>				
a	<u>WALL FAN</u> Supply, installation, testing and commissioning of oscillating type 400 mm sweep wall fan with regulator l/c connections etc complete as reqd. (Make : Crompton Greaves/Usha/Almonard/Khaitan.)	10	Nos.		
b	<u>CEILING FAN</u>	10	Nos.		

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	Supply, installation, testing and commissioning of 1200 mm ceiling fan with regulator l/c connections etc. complete as reqd. (Make : Crompton Greaves/Usha/Almonard/Khaitan.)		.		
c	EXHAUST FAN: Supply and fixing of the following single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, pre lubricated double ball bearing, copper wounded, A & E class insulation, dynamically balanced, below 40 db sound level etc. Supplying & fixing of 300 dia Exhaust fans (Crompton, Bajaj or equivalent make)	7	Nos.	.	

TOTAL FOR ELECTRICAL FITTINGS RS.

**ESTIMATES FOR COMPUTERS NETWORKING IN BRANCH AT
REGIONAL OFFICE INDORE**

S.N o	ITEM AND SPECIFICATION	QT Y	UNI T	RATE	AMOUNT
	COMPUTERS NETWORKING				
1	Supply, Installation, Testing and Commissioning of 24 Port (100 base TX) 9 u rack , Cat-6 Patch / jack panel with connectors, outlets and necessary connectivity complete as required.	2	Nos.		
2	Supply and Installation of following factory fabricated patch cords (UTP-CAT 6) complete with connectors and boots on both sides.				
a	One Meter length (FOR PACH PANEL TO SWICH)	20	Nos.		
b	Two Meter length (FOR OUTLET TO CPU MACHINE)	235	Nos.		
3	Supply and laying of Four Pair UTP CAT 6 LAN cables in suitable size 1.6mm thick PVC Conduit / Floor trunking including all necessary bends, tees etc complete..	500	M		
4	Supply and fixing of modular type Information Outlets (RJ-45) with suitable size M.S./ PVC modular boxes complete with insulation displacement connectors etc suitable for CAT 6 UTP Cabling. a). One Port.	235	Nos.		
5	Testing of UTP cabling with scanner for all the Nodes.]	1	Job		
6	PL Fixing 9U Data Rack	2	Job		
TOTAL FOR COMPUTER WIRING WORKS Rs.					

(SIGN OF THE CONTRACTOR & SEAL)

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**TENDER DOCUMENT OF NATIONAL INSURANCE COMPANY REGIONAL OFFICE AT BENCHMARK BUSINESS PARK
SATYASAI SQUARE INDORE (M.P.)**

**BOQ FOR PROPOSED INTERIOR AIR CONDITIONING WORKS AT
BENCHMARK BUSINESS PARK, SATYA SAI SQUARE REGIONAL OFFICE INDORE**

ESTIMATE OF AIR CONDITIONING WORKS OF DIVISIONAL OFFICE INDORE					
S. No	ITEM PART A - Supply of Equipment	Qty	Unit	Rate	Total
1	AIR COOLED TYPE DUCTABLE SPLIT AIR CONDITIONER :				
1	Supply of Ceiling Suspended air cooled ductable AC Comprises Evaporator & Condenser with scroll compressor, pendant type wired controller & inbuilt Required Accessories:				
	Make : Blue Star/ Mitsubishi				
i	Capacity - 5.5 TR/ 2200 CFM	3	Nos.		
ii	Capacity - 8.5 TR/ 3400 CFM	2	Nos.		
2	SUPPLY OF DECORATIVE FOUR WAY CASSETTE TYPE SPLIT AIR CONDITIONER WITH GRILLES & ACCESSORIES :				
	Make : Blue Star/ Mitsubishi				
i	Capacity - 3.0 TR	2	Nos.		
ii	Capacity - 4.0 TR	2	Nos.		
3	DECORATIVE HIGH WALL MOUNTED SPLIT AIR CONDITIONER WITH ACCESSORIES :				
	Make : Blue Star/ Mitsubishi				
i	Capacity - 1.0 TR, 3 Star Rated	1	Nos.		
ii	Capacity - 1.5 TR, 3 Star Rated	3	Nos.		
iii	Capacity - 2.0 TR, 3 Star Rated	3	Nos.		
	Total A				
S. No	PART B - Installation & ancillary work	Qty	Unit	Rate	Total
1	Installation , testing & Commissioning of aircooled units -				
1.1	Installation of Indoor Unit, out door Unit comprising of scroll compressor ,condenser , fan , pressure switches blower ,Filter connections of refrigerant piping , cabling , drain piping , pressure testing & commissioing of Ductable A.C.S				
a	Capacity -5.5 TR / 2200 CFM	3	Nos.		
b	Capacity - 8.5 TR / 3400 CFM	2	Nos.		
1.2	Installation of Indoor Unit, out door Unit comprising connections of refrigerant piping , cabling , drain piping , pressure testing & commissioing of Split A.C.S				
a	Decorative four way Cassette Type unit				
i	Capacity -3.0 TR	2	Nos.		
ii	Capacity -4.0 TR	2	Nos.		

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b	High Wall Mounted split Unit				
i	Capacity - 1.0 / 1.5 / 2.0 TR	7	Nos.		
ii	Capacity - 1.0 / 1.5 / 2.0 TR (Existing old machine reinstallation work)	4	Nos.		
2	Inter-connected copper refrigerating piping between Indoor& Outdoor with Pre formed NITRIL RUBBER INSULATION classO.				
a	Capacity -5.5 TR (Maximum up 80 rmt)	1	Lot		
b	Capacity - 8.5 TR (Maximum up to 60 rmt)	1	Lot		
c	Capacity -3.0 TR Cassette Type (Maximum up to 55 rmt)	1	Lot		
d	Capacity -4.0 TR Cassette Type (Maximum up to 55 rmt)	1	Lot		
e	Capacity - 1.0 / 1.5 TR High Wall (Including 20 rmt for existing units) (Maximum up to 55 rmt)	1	Lot		
f	Capacity - 2.0 TR High Wall (Maximum up to 55 rmt)	1	Lot		
3	Topping up / Recharging of Refrigerant Gas and Oil charge.	1	Lot		
4	Electrical Control wiring of copper from indoor and outdoor units with Earthing wire. (Maximum up to 450 rmt)	1	Lot		
5	MS Fabricated / Factory made Hanging / Floor Stand for all outdoor units duly epoxy paint / Powder coated.	Already provide on site			
6	PVC Rigid Drain Piping of 6 Kg./CM2 rating with Insulation of expanded polyethylene sections / strips.				
i	25 MM Dia (Maximum up to 125 rmt)	1	Lot		
ii	32 MM Dia (Maximum up to 70 rmt)	1	Lot		
7	AIR DISTRIBUTION WORK : (Work shop / Factory fabricated & Assemble on site)				
7.1	G.I. Sheet Metal Duct Work As Per IS-655 with Supports, also Air balancing / Air Adjustment as per design requirements etc. -				
	G.P. Sheet Metal Duct				
a	0.63 MM (24G)	500	Sq.ft.		
b	0.80 MM (22G)	2000	Sq.ft.		
7.2	Extruded Aluminum Section Linear Grilles Of Required Airflow Angles without Volume Control Damper and Power Coating white -	70	Sq.ft.		
7.3	Extruded Aluminum Section Removable Core type Diffusers without Volume Control Damper for Supply Air & Return Air white-	15	Sq.ft.		

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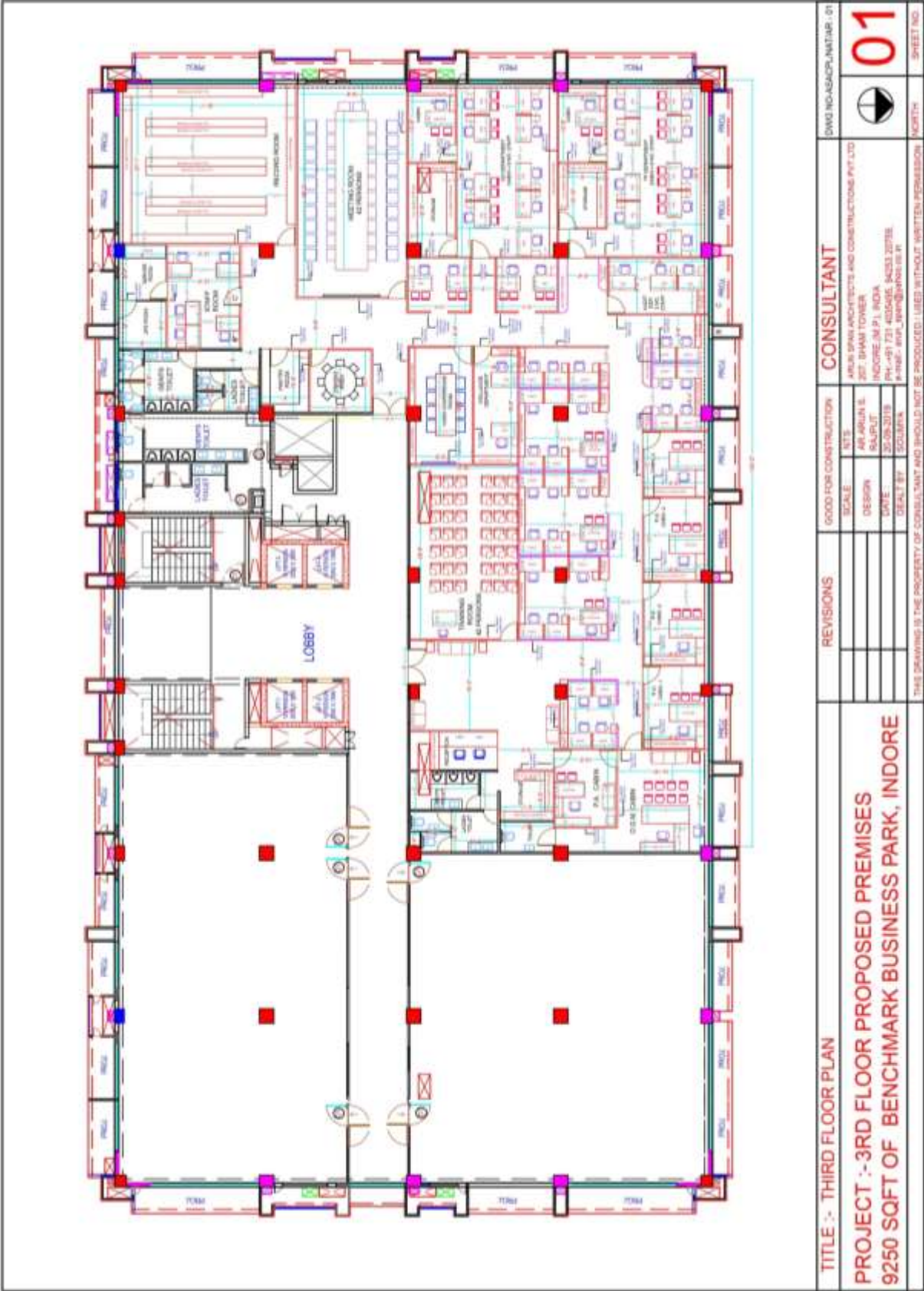
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7.4	Al. Adjustable Opposed Blade Dampers.	35	Sq.ft.		
7.5	G.I. Opposed Blade Dampers for Duct branch, Fresh Air Intake with Aluminum Painted etc.	0	Sq.ft.		
7.6	Fungal free Canvas Connection	5	Nos..		
7.7	Fresh Air Fan With Cowel	3	Set		
8	Thermal & Acoustic Insulation Work :				
8.1	Duct Acoustic Insulation with 12.5mm thk. Fiberglass Rigid board, Density of 48 Kg/M3, Tissue Papers, Aluminum Perforated Sheet. (As per design standard)	1000	Sq.ft.		
8.2	Thermal Insulation Of Ducts with XLP FR grade pre laminated pre laminated Aluminum Foil	1500	Sq.ft.		
a	12 MM THK				
	Total B				
	Total - Part A + Part B				

(SIGN OF THE CONTRACTOR & SEAL)

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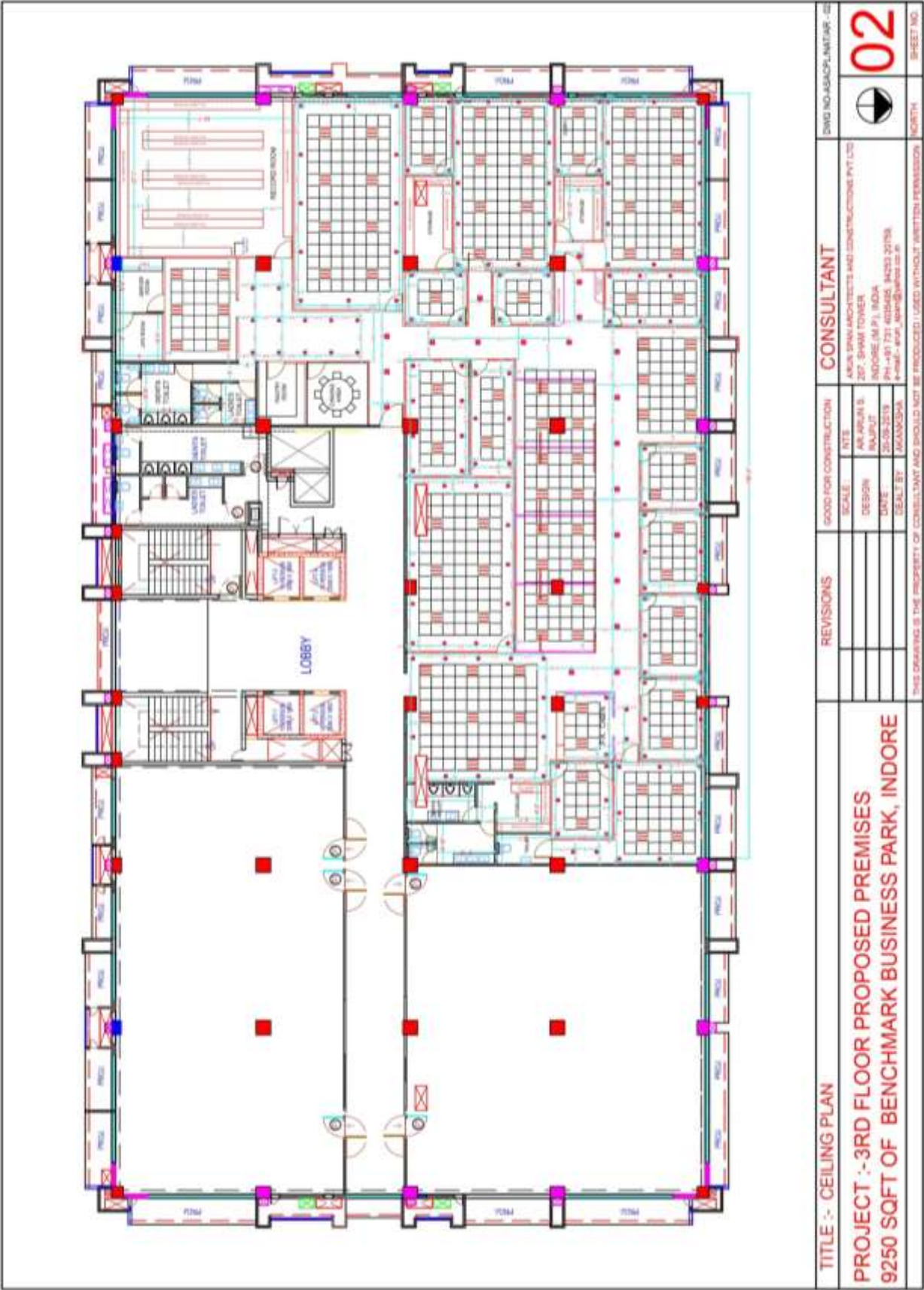
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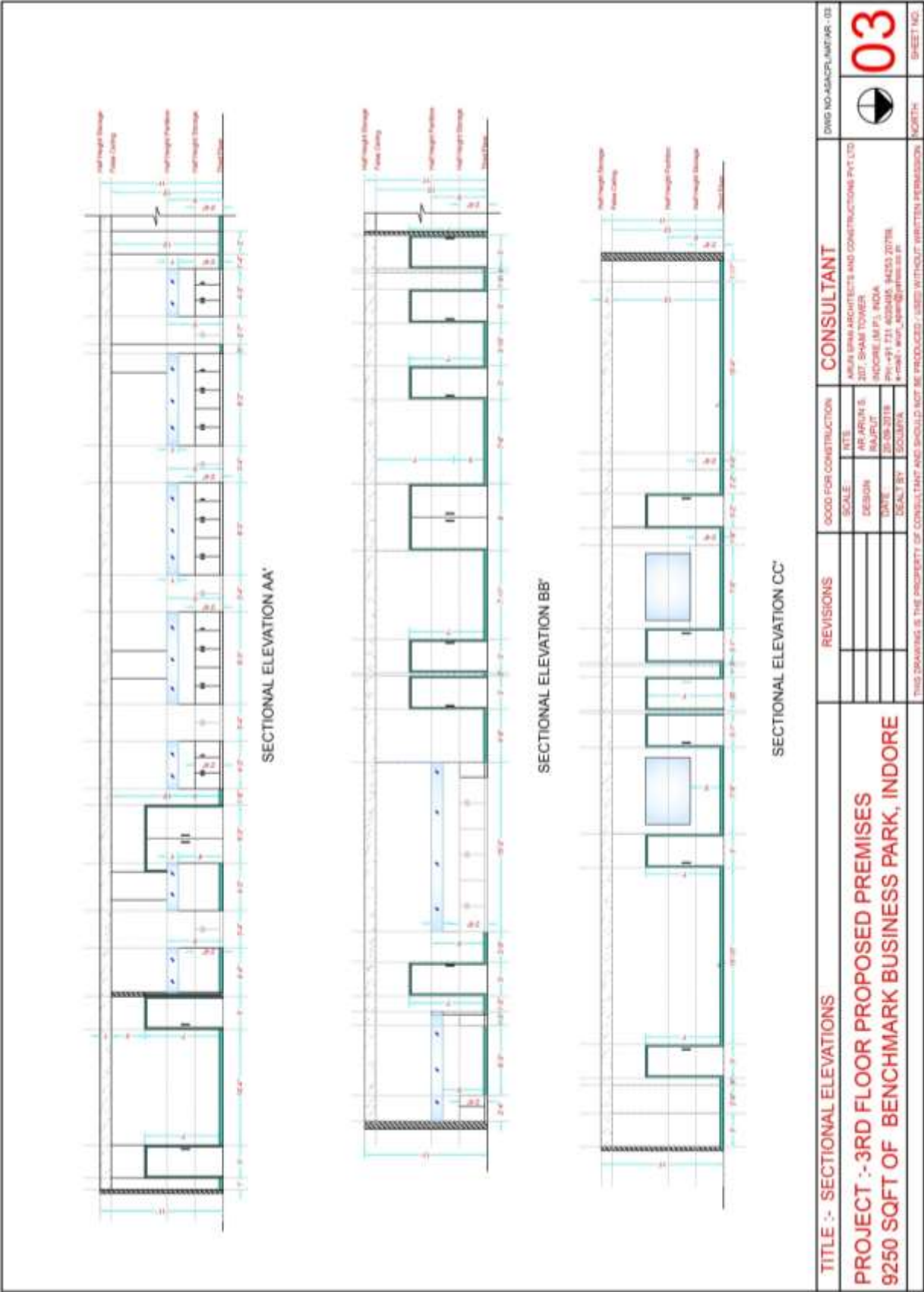
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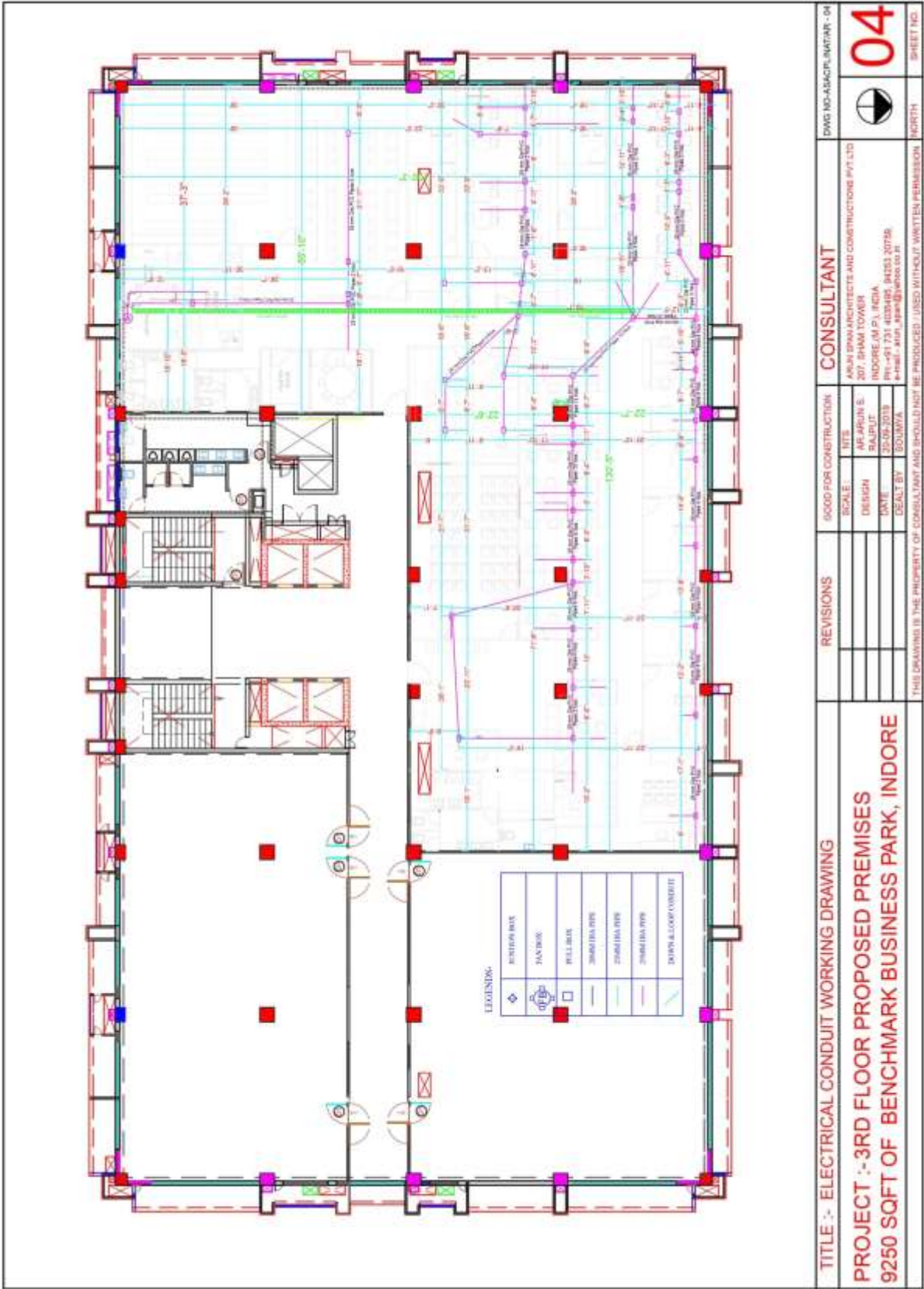
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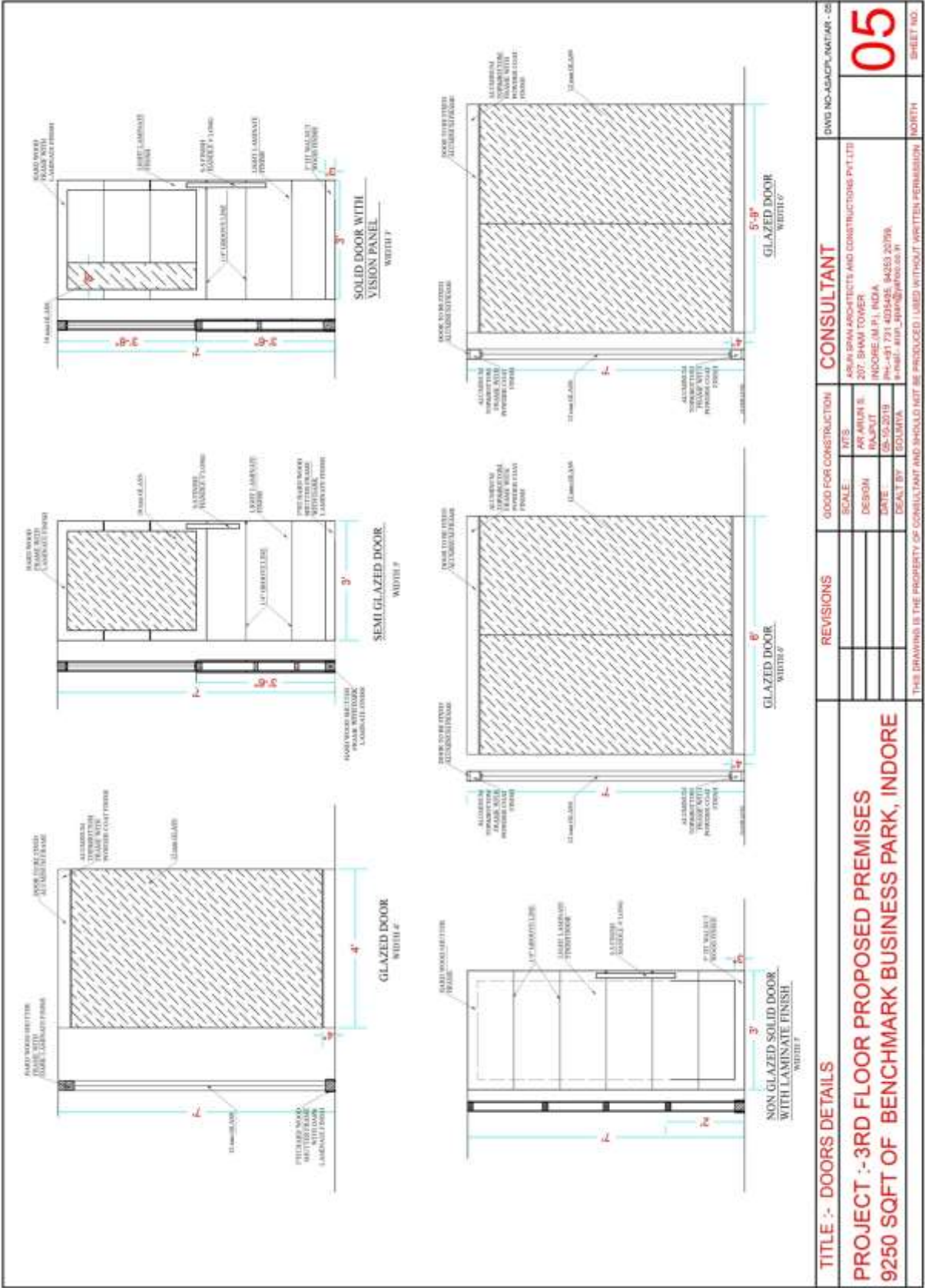
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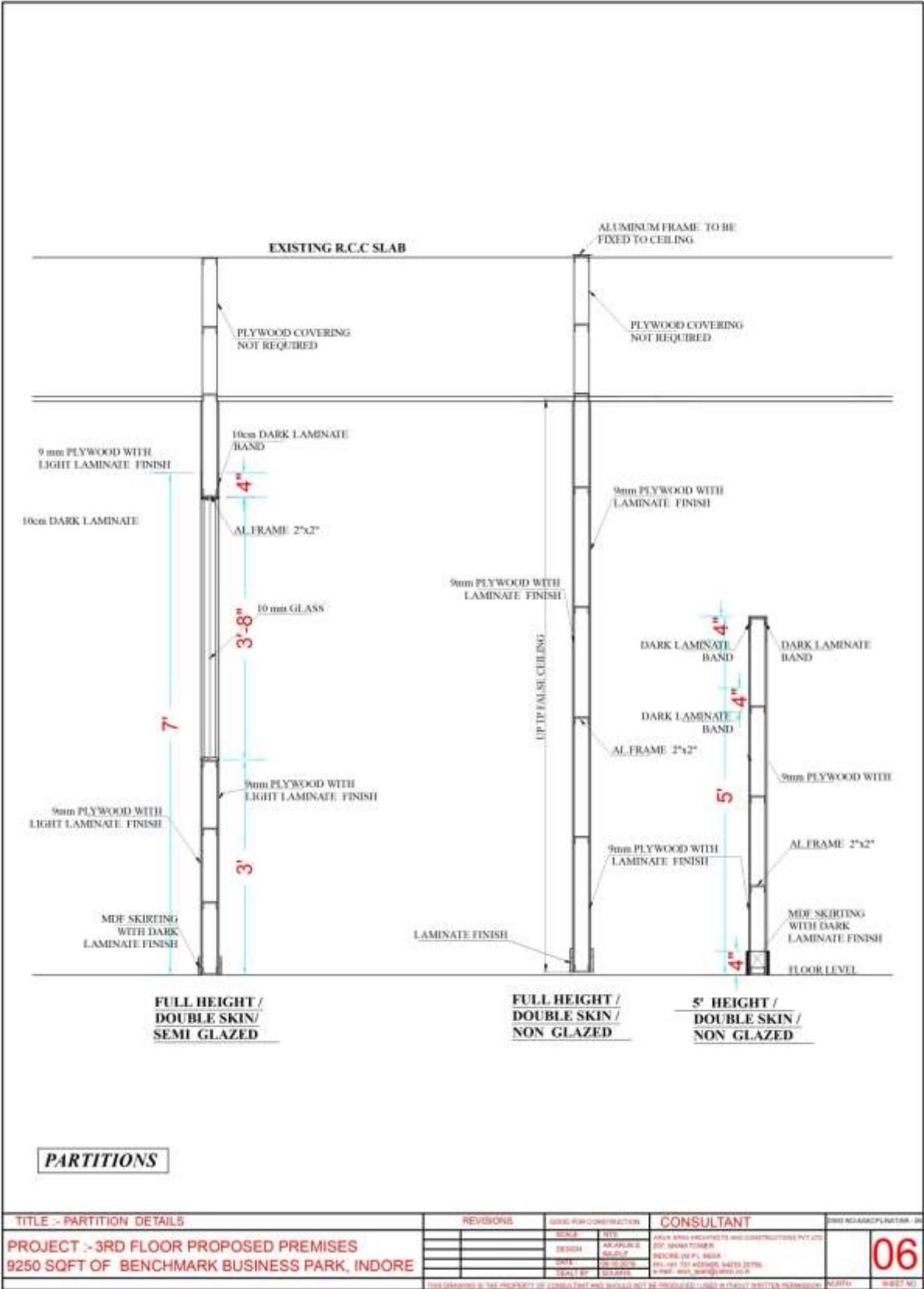
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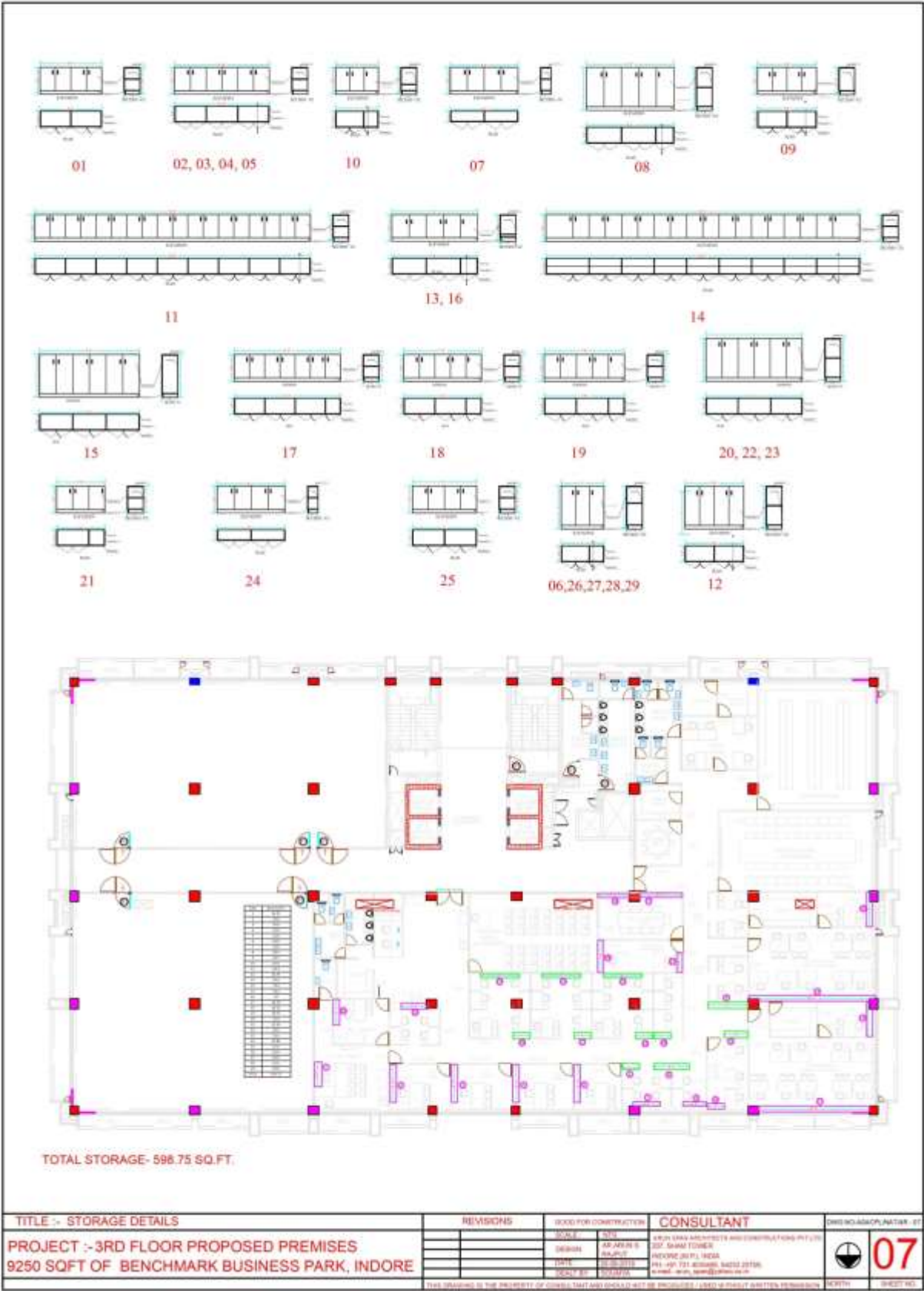
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