



Regional Office Jalgaon
क्षेत्रीय कार्यालय जलगांव

Business Support department
व्यवसाय सहाय्यता विभाग

निविदा प्रपत्र

सेंट्रल बैंक ऑफ इंडिया अपने

शाखा : कृष्णाजी आर्केड छत्रपतीसंभाजी महाराज चौक, भडगांव रोड पाचोरा तहसील पाचोरा जिल्हा जलगांव-424201

**कार्पेटरी, फर्निचर, फाल्स सीलिंग, इलैक्ट्रिकल कार्य करने हेतु
प्रतिष्ठित सेवा प्रदाताओं से निविदा आमंत्रित करता है**

निविदाकार का नाम : - _____

निविदा प्रस्तुत करने की अंतिम तिथि: 14.08.2026 -दोपहर 03:00 बजे तक

निविदा खोलने की तिथि : 14.08.2026 दोपहर 03:30 बजे

निविदा शुल्क: डिमांड ड्राफ्ट के रूप में ₹ 2,000.00 (दो हजार मात्र (अप्रतिदेय)

बयाना जमा राशि: डिमांड ड्राफ्ट के रूप में ₹ 27,500.00 (रू मात्र)

(MSME exemption shall apply)

सेंट्रल बैंक ऑफ इंडिया,

व्यवसाय सहाय्यता विभाग

गट नं २१ प्लॉट नं १८ निवृत्ती नगर राजमुद्रा होटल के पास, जलगाँव-425001, महाराष्ट्र.



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RO/JALG/JAL/07/2026-27/

Date: 20/07/2026

NOTICE INVITING TENDER

1. Submission of Tender

Interested bidders shall submit their sealed tenders on or before August 14, 2026 up to 3:00 PM the sealed envelope should be clearly superscripted as: Tender for Civil, Furnishing, Electrical and Data Cabling Works at Pachora Branch, Jalgaon."

2. Receipt and Opening of Tender

The sealed tenders shall be submitted at the following address:

Survey No 21, Plot No 18 first floor Nivrutti Nagar besides Rajmudra Hotel near Gujral Petrol Pump Jalgaon

Business Support Department

Central Bank of India, Regional Office, Jalgaon

3. Late Submission

Tenders received after the prescribed date and time for any reason whatsoever shall not be considered. Telegraphic, fax, or email tenders will not be accepted.

4. Validity of Rates

The quoted rates shall remain valid for a minimum period of 30 (Thirty) days from the date of opening of the tender.

5. Clarifications

For any clarification regarding the tender, bidders may contact:

Business Support Department

Central Bank of India, Regional Office, Jalgaon

Phone: 8208126614

6. Right of the Bank

The Bank reserves the right to accept or reject any or all tenders, either wholly or partly, without assigning any reason whatsoever.

(Harshal Bhagat)

Chief Manager



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Eligibility criteria:

SN	Minimum eligibility criteria	Documents required
	1. The applicant should be a well-established and reputed Civil/ Painting/ furniture contractor firm/ proprietorship firm having minimum experience of 5 years in the same field.	Firm registration certificate/ Firm/ partnership deed/ Contractor registration certificate with concerned govt. agency
	2. The applicant should have executed renovation work of Bank's Branches	at least 5 previous works
	3. The applicant should have satisfactorily completed 'similar' works of magnitude as specified below during the last 5 years ending 31/03/2026 (i) One similar completed work, costing not less than 10.08 Lakh (ii) Two similar completed works, each costing not less than 6.78 Lakh (iii) Three similar completed works, each costing not less than 5.43 lakh	Work order and completion certificate from the owner/ authorized person of the organization for whom the works has been done. In case of private project, project architect/ engineer will have to certify the execution of work. Annex the copy of the work order. Additionally, committee may, at its own discretion visit the site/s.
	4. The applicant should have average annual financial turnover of 15 Lakhs in painting works during the last three FY ending 31/03/2024	Duly audited financial statements (balance sheet, trading, P&L accounts) and certified by a Chartered Accountant

GENERAL CONDITIONS

- Contractor is requested to inspect the site prior to submission of tender/quotation to acquaint him with the site conditions.
- Item to be carried out are listed in the attached schedule of quantities. The Bank reserves the right to add/omit any items /partly or fully without giving any reasons. The rate for any new item introduced shall be settled by the Bank after getting necessary rate analysis from the successful bidder.
- The extra and deviated item rates shall be settled by a rate analysis wherein a gross profit (inclusive of overheads) of 15% of total cost of material + Labour shall be paid, Cost of material being supported by vouchers and labour estimated as per approved norms or as per actual, if norms are not available.

4. The quantities contained in the scheduled are only approximate/ notional and may vary, for which no extra compensation will be paid to the contractors. They are meant only for tendering purpose, so that a common base is available for comparison. The work actually done will be measured as per IS 1200 and paid for, as mentioned above.
5. The contractor shall at his own expenses rectify the unsatisfactory works within 7 days from the date of intimation. In case of failure to do so, Bank reserves the right to carry out the work through any other agency/agencies and such expenditure will be recovered from the Contractor in due course of time.
6. All soil filth; rubbish and other objectionable materials shall be at once carted away out of the premises as per local authority's rules in force, if any, at his own cost and expenditure. In absence of above, the Bank may do at the Contractor's risk and cost.
7. The Bank does not bind itself to accept the lowest or any tender and reserves itself the right to accept/reject any or all the tenders without assigning any reasons for doing so.
8. The rates quoted in the tender should include all charges for material, labour, transportation and taxes/ GST, if any etc. and bank shall not be responsible for any other expenses in this connection.
9. This is an Item-Rate contract, an acceptance of the contract shall mean essentially acceptance of rates for each individual items of work. The actual payment however shall be made on actual authorized quantities of the work done, based on joint measurements at accepted tender rates, and / or approved extra and deviated item-rates, for extra and deviated items.
10. The tenderers are requested to sign the tender form and the schedule of quantities on all pages otherwise the same shall be rejected.
11. No extra shall be paid for any minor alterations modification/addition made in design/specification while work is in progress and as per site requirements.
12. Rates quoted in the tender/quotation should be valid for at least 30 days from the date of receipt of the order.
13. Contractor shall have to complete the work within 30 days from the date of receipt of the order.
14. In case, contractor fail to complete the work in the said period, liquidated damages @ 1.0% per week maximum up to 5% will be levied till the work is completed in all respects, as per bank's specifications.
15. 5% of the total billed amount shall be retained with the bank till the completion of the defects liability period of 12 month is over.
16. The successful tenderer shall extend full cooperation and coordination with other agencies that are executing other related jobs at site and ensure to complete the overall work expeditiously.
17. Best specified materials are used by the firm and to complete the job with utmost workmanship and as per bank's requirements.
18. No compromise on material and workmanship shall be allowed at any stage.
19. No Compromise about the quality of the goods and execution of the work shall be permitted.



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20. Time bound program to be fixed and adhered to.
21. In case of any delay in completion of the work penalty should be levied as per tender conditions.
22. Certificate to be kept on record about the specification/material used from the contractors and the copy of the same to be forwarded to us for our records.
23. All care to be taken for satisfactory completion of the work in neat and tidy conditions.
24. It shall be responsibility to the Contractor to liaison with concerned/competent authorities i.e. Police, Local Development authority or other directly/indirectly involved in the work and ensure to obtain necessary permission / approval for smooth completion of the overall job in neat and tidy conditions and without any hindrances.
25. **TERMS OF PAYMENTS:-**
 - a) 10% Mobilization advance of work order value shall be paid to contractor against material purchased for the said work, against provision by the Contractor of an Unconditional Bank Guarantee in a form acceptable to us in amounts and currencies equal to the advance payment.
 - b) One Interim bill shall be paid during the work period subject to minimum value for interim bill as stated in APPENDIX –I, for interim certificates. The bills in proper forms must be duly accompanied by detailed measurements recorded in the approved measurement books and should be submitted. Adhoc payment for work actually executed together with other accepted claims will be made for the interest of Bank's work at absolute discretion of the Employer on specific request of the Contractor. However adhoc payment will be made, shall not exceed more than 75% of billed value. The Contractor will be required to submit the bill along with the records of joint measurement for claiming adhoc payment together with vouchers / bills etc.
 - c) **Final bill Payment:** - The final bill shall be accompanied by a certificate of completion from the Bank Official. Payments of final bill shall be made after deduction of Retention Money as specified in APPENDIX –I (Sr.no8) of these conditions, which sum shall be refunded in the manner stated in APPENDIX –I (Sr.no9). The acceptance of payment of the final bill by the Contractor would indicate that he will have no further claim in respect of the work executed.
 - d) 5% retention amount after one year on completion of Defect liability period.

I/ We hereby declare that, I/ We have read and understood the above condition and I/We agree to comply with the same.

We accept the above conditions in Toto.

SIGNATURE OF CONTRACTOR
WITH DATE & SEAL

APPENDIX -I

1. Name of Work Civil, furnishing, false ceiling, electrical and data work to be Carried out at B/o Pachora Jalgaon.
2. Defect liability period 12 (Twelve) months
3. Date of commencement 7th day from issue of order or handing over site, Whichever is earlier?
4. Date / Time of completion **30 Days**
5. Liquidated damages 1% of the accepted contract sum per week subject to maximum of 5% of the accepted contract value.
6. Initial security deposit 2% of the accepted contract sum to be deposited Within 7 days of Date of acceptance of tender.
8. Retention Percentage 10% of the value of work done (including 2 % ISD +8% of every bill provided)
9. Installment after completion 50% of the total retention amount (Initial SD + Retention). 50% shall be retained till completion of defect liability period
- Certificate by Bank Officer
10. Minimum value of work for Interim Certificate 250000/- (`Two Lakh Fifty Thousand Rupees Only)
11. Period of Honoring Interim Certificate 3 weeks from date of receipt of Certificate
12. Period of Honoring Final Certificate 1 Months on the receipt of bill from the Contractor.



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TECHNICAL SPECIFICATIONS FOR CIVIL / FURNITURE WORKS

Note: - Product with ISI stamp shall have to be provided where available in case non availability of such stamping for a particular product. Architects / Employer's decision as per list of material or otherwise shall be final & binding

01.00 WOOD WORK

01.01 Teak Wood: -

Teak wood shall be of the best quality available in India. It should be well seasoned and free from sap, knots, warps, cracks and other defects. All woodwork shall be planed neatly and truly finished to the exact dimension. All joints shall be neat and strong, truly and accurately and glued before being fitted together.

01.02 Veneers and Plywood: -

The veneers and the ply wood shall conform to the IS:303 respectively. It shall be resin bonded suitable for intended use. The Contractor shall submit approved samples at the Architect / Owner site office.

01.03 Phenol Bonded Ply Wood: -

Commercial ply wood, decorative ply wood conforming to IS:303/1975 bonded with phenol formaldehyde synthetic resin of B.W.P. type as specified in IS:848/1974 of approved make should be used.

01.04. Phenol Bonded Block Board: -

Commercial block board conforming of IS:1659/1979 bonded with phenol formaldehyde synthetic resin of IS:840/1974 of approved make should used.

01.05 Phenol Bonded Teak Particle Board: -

Commercial Particle Board conforming to IS:3097-1980 exterior grade bonded with BWP type phenol formaldehyde synthetic resin. All edges of the Particle Board to be painted with one coat of chlorinated paint of approved shade, make and quality. The Particle Board should be of approved make.

01.06 Phenol Bonded Pre-laminated Particle Board: -

Pre-laminated Particle Board should be 3 layered melamine faced conforming to IS:12823 of latest edition. This should also conforms to DIN:68765 NEMA LD-3 and BIS License IS-3087 for plain Particle Board. All edges of the board to be painted with one coat of chlorinated paint of approved shade, make and quality. The pre-laminated Particle Board should be approved make with ISI mark.

1.07. Decorative Laminates: -

Laminate sheets shall be 1.00mm thick or 1.5mm thick (as per design requirements) or as specified in the respective items) with ± 0.127 mm tolerance and obtained from any of the following approved Contractors i.e. Formica, Decolam, Merino and Greenlam & samples should have approval of the Architects / Employer.

01.08 Wooden Flush Shutters: -

(Solid Core Type): - Solid core flush shutters shall be commercial or teak veneered type as specified in the item of approved Contractor registered with ISI and shutter shall bear ISI mark. An approved sample shall be deposited in the office of the Owner / Architects at site for reference. The shutter will be provided with lipping. Finished thickness of the shutter shall be as mentioned in the item. Shutter should be not pressed and phenol formaldehyde should be used as glue.

01.09 Hardware Fittings: -

All hardware fittings for doors shall be oxidized iron, brass, and anodized aluminum as specified in the schedule of quantities. These hardware fittings shall be obtained from approved Contractors and shall bear ISI mark, wherever available. The samples for the fittings shall be submitted to the Owner / Architects for their approval. Hardware fittings for door shutters shall be paid in door shutter item or separately as given in schedule of quantities. No separate payment shall be made for hardware fittings shall include for supplying, fitting and fixing the fittings with necessary cadmium plated screws, washers, bolts, nuts etc. as required. All locks shall be provided with keys in duplicate and rate shall include for the same.

Approved samples of hardware fittings shall be deposited with Owner / Architects for reference.

1.10 WORKMANSHIP: -

1.10a The workmanship shall be first class and to the approval of the Owner / Architects. Scantlings and board shall be accurately sawn and shall be of required width and thickness. All carpenter's work shall be wrought except where otherwise described. The workmanship and joinery shall be accurately set out in strict conformity according to the drawings and shall be framed together and securely fixed in approved manner and with property made joints. All work is to be properly tenoned shouldered, wedged, pinned, braced etc. and property glued with approved quality glue to the satisfaction of the Owner / Architect.

1.10b Screws: - Unless otherwise specified all screws to be used in woodwork and joinery shall be of cadmium plated and of approved quality. The size (diameter and length) should confirm to those specified in hardware schedule.

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1.10c Tolerance: -15mm (1/16") will be allowed for each wrought face of sizes specified except where described as finished in which case they shall hold to the full dimensions.

1.10d Protection: - All edges of timber frames etc. shall be protected from being damaged during construction by providing rough timber casing securely fixed and other adequate protective measures.

1.10e If it is decided by the Owner to provide anti-termite treatment, the building Contractor shall co-ordinate his work suitably as directed by the Owner / Architects.

1.10f Door / Window frames shall have cut rebate. Planted rebates shall not be permitted.

1.10g where door frames are fixed flush with plaster to wall, teak wood cover mould 40 X 12mm as per drawings shall be provided all round and shall be painted or polish finished to match with finished shutters. This will be paid as a separate item as described in Schedule Of Quantities.

1.11 Rates to Include: -

Apart from other factors mentioned elsewhere in this contract the rate for item of wood work and joinery shall include for the following: -

1.11A Items of Scantling: -

a. All labor, materials and equipment's for fixing framework as per drawing excluding the cost of holdfasts. Raw plugs or other fasteners etc.

1.11B Items of Shutters: -

a. All labor, materials, hardware fittings and equipment's for carrying out the work as per drawing.

b. Labour for fixing the shutters in position (excluding cost of fittings) as per drawing.

1.12. Mode of Measurement: -

All measurements shall be as per relevant section of I.S. 1200 of latest edition.

a. Scantling shall be measured in cum. The sectional area shall be the area of the least square, or rectangles from which the scantling may be cut. The length shall be actual length of timber required for the purpose including the extra portion required for jointing.

b. Shuttering shall be measured in square meter for closed door shutters area i.e. rebate to rebate without extra measurement for rebates and/or splayed meeting styles of door.

02.00 Acrylic emulsion Paint: -



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02.01 Material: -

The emulsion paint and primers in general shall be of approved quality color and shade of approved Contractors.

02.02 Scaffolding: -

This shall be double or single as required and directed. If ladders are used, places of gunny bags or cloth bags shall be tied on their tops to avoid damage or scratches to the plastered surfaces etc. proper stage scaffolding shall be erected when painting the ceiling.

02.03 Preparation of The Surface: -

The surface to be painted shall be cleaned and all cracks, holes and surface defects shall be repaired with plaster of paris for spot filling and with filler prepared with whiting, water and a little quantity paint for filling and leveling the wider areas.

02.04 Priming Coat: -

The priming coat of the cement primer of approved quality; make shall be applied over the completely dry surface in the manner as recommended by the paint Contractors.

02.05 Application of Emulsion Paint: -

The recommendation of approved paint Contractor, whose products used, shall be followed regarding the preparation of the surface and the application of the priming and finishing coats.

The Contractor shall arrange for technical assistance and supervision from the paint Contractor, during the execution of the painting work. After the priming coat has been applied and perfectly dried, all holes, scratches, if any, shall be repaired as mentioned in 'Preparation Of Surface' and then the second coat of approved shade and Contractor shall be evenly applied and allowed to dry.

The third coat shall be carefully applied to achieve smooth and even surface after the previous coat has dried up. Minimum 3 coats of paint shall be applied inclusive of primer coat. If a proper and even surface is not obtained to the satisfaction of the Owner / Architects in 3 coats, Contractor shall carry out additional coats of painting to approval at Contractor's expenses. Care shall be taken that dust or other foreign materials do not settle or disfigure the various coats.

02.06 Rates To Include: -

Apart from other factors mentioned elsewhere in this contract, the rates for the item of plastic emulsion paint shall include for the following: -

02.06a All labour, materials & equipment necessary to carry out the work.

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02.06b Supplying the approved emulsion paint for priming & finishing coats.

02.06c Preparing the surface for receiving the primer & finishing coats.

02.06d Scaffolding including its erections & dismantling.

02.06e Application of the primer coat and minimum two coats of finishing. If a proper and even surface is not obtained to the satisfaction of Owner / Architects in 3 coats mentioned above, the Contractor shall carry out additional coats of painting to approval at Contractor's expense.

02.06f Protection to painted surface till dried and handed over.

02.06g Expense, if any, for supervision and technical assistance supplied by the approved paint Contractors.

02.07 Mode of Measurement: -

The measurement shall be in square meter. The mode of measurement shall be as per relevant section of I.S.:1200 of latest edition.

03.00 Painting & French Polishing: -

03.01 Painting: -

03.01a Material: - Ready mixed oil paints and primer, in general, shall be of approved quality, color and of approved Contractor. These materials shall be in sealed tin and shall be opened in the presence of the Owner / Architects.

03.01b Preparation Of Surface: -

- a. Iron & Steel Works: - Surface to be painted shall be thoroughly cleaned; sand papered and/or rubbed with emery cloth, if necessary to remove grease, mortar or any other foreign materials. In case of rusted surface, it shall be first cleaned with wire brushes till the corroded rust is removed. The prepared surface shall be shiny and free from brush marks, patches, blisters and other irregularities. The surface thus finished shall be got approved for painting.
- b. Wood Work: - All surface to be painted shall be thoroughly cleaned, sand papered & removed of all foreign materials. In case of surfaces having knot and nail holes, this shall be filled with knotting and stopping materials. The knotting materials shall consist of pure shellac dissolved in mentholated spirit. Stopping materials shall consist of putty. The surface thus treated shall be allowed to dry and then sand papered smooth.

- c. Application: - After preparing the surface, a primer coat shall be applied. The primer coat shall be ready mix of approved make and Contractor. After the primer coat is applied and perfectly dried, all holes, cracks etc., which shall remain, shall be filled in with putty and the surface sand papered smooth. Then a second coat of paint of approved shade and Contractors shall be evenly applied & allowed to dry.

The third coat shall be carefully applied to achieve smooth and even surface after the previous coat has dried up. Minimum 3 coats of paint shall be applied inclusive of a primer coat. If a proper and even surface is not obtained to the satisfaction of the Owner / Architects in 3 coats, Contractor shall carry out additional coats of painting to approval, at Contractor's expenses. Care shall be taken that dust or other foreign materials do not settle or otherwise disfigure the various coats.

- d. Rates To Include: - Apart from other factors mentioned elsewhere in this contract, the rate for the item of painting shall include for the following: -

- d-1 All labour, materials equipment necessary to carry out the work.
- d-2 Supplying the approved paint for priming & finishing coats.
- d-3 Preparing the surface including knotting & stopping for receiving the priming and finishing coats.
- d-4 Scaffolding including its erection and dismantling.
- d-5 Application of at least one primer coat and two coats of finishing for wood work and at least two finishing coats for steel work unless otherwise specified. If a proper and even surface is not obtained to the satisfaction of Owner / Architects, Contractor shall carry out additional coat of painting to approval at Contractor's expense.
- d-6 Protection to painted surface till dried and handed over.

Mode of Measurement: - Painting to woodwork and steel shall be measured separately as per I.S. 1200 (Part XV) of latest edition.

03.02 French Polishing: -

French polish to be used shall comply with I.S. 348 of latest edition in the requirements of quality.

Before French polish is applied, the surface of woodwork shall be prepared in the same manner as for painting. The wood to be polished should be first painted with a filler composed of 1 part of whiting mixed with 0.53 part of mentholated spirit. After drying, it should be finely sand papered.

On the woodwork thus treated, a thin coat of French polish shall be applied and allowed to dry. After drying, the surface shall be lightly rubbed with a fine sand paper prior to the second and third coat. The surface shall show an even polished surface and be approved by the Owner / Architects.

- i. Rates to include: - Similar to that of painting.
- ii. Mode of measurement: - Similar to that of painting

04.00 Melamine Coating: -

The materials shall be of approved brand for wood finish. The application has to be made using sprayer and as per Contractor's specification.

The surface to be used shall be sand papered using Emery Paper No. 180 or any suitable grade along the grains. After brushing the surface free of loose dust, wood filler shall be applied. Excess filler shall be removed immediately. Allow a gap of 1 hour, if second coat is required. On drying of the filler, after 3 hours, the surface is to be sand papered again with Emery Paper No. 180/220 and the surface is brushed free of loose dust sealer coat as per Contractors specification is then applied in two coats & then sand papered with Emery Paper No. 240 & finally with Emery Paper No. 400 & clean thoroughly. Final finish coat is then applied on the finished surface after mixing the base and hardener in a container and allowing the mix to stand for 30 minutes flittered and then applied.

Rates to Include

- i. Similar to that of painting including cost of applying by spray machine.

05.00 N.C. Lacquer: -

N.C. lacquer should be of approved brand & quality / approval of Architects is obligatory.

Before application of N.C. lacquer, the surface is to be polished using white lac only. The surface should be highly polished as per desired shade. Fillers used during polish should be N.C. putty only. N.C. lacquer shall be applied under spraying machines using 1:1 (N.C. lacquer to N.C. thinner) on dust free surface and shall be allowed to dry for minimum 12 hours in fair whether condition. The drying time may have to be increased in moist atmospheric condition. After drying, the lacquered surface should be rubbed with muslin cloth. No other treatment on the lacquered surface should be made once it is completed.

- i. Rates to include: - Similar to that of painting.
- ii. Mode of measurement: - Similar to that of painting

06.00 Glass: -

Glass used shall be clean and/or tinted float or toughened as mentioned in the Schedule of Quantities and of the best quality approved by Architect / Employer without any scratches, bubbles specks, waviness, undulations or any other defects, unless otherwise specified, all glass shall be as shown on the drawings. The glass used shall be toughened glass with beveled edges etchings etc. as per requirement and indicated in the drawings and BOQ and

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is to be got approved by Architect / Employer. Glass shall be well protected from any damage during transportation, storage and progress of work. Any glass which in the opinion of Architect / Employer is not suitable for work shall be rejected and the Contractor shall replace the glass with an approved one.

07.00 Loose Furniture: -

The Contractor shall make one sample of each furniture item as per drawing and specification provided by the Architect for the final approval of the Architects / Employer. The bulk production can be taken in hand as soon as the sample is approved and finalized. No extra charges shall be payable for any alteration / modification done in the sample furniture item and also for rejected samples. All upholstery work is to be done in the best workmanship manner to the entire satisfaction of the Employer / Architects. The decision taken by the Architects for the approval of the sample shall be final and binding on the Contractor.

08.00. Timber: -

- A. Only seasoned and chemically treated BTC/CPTW to be used, if specified.
- B. Use of Rose wood whenever specified only.
- C. All the woods shall be properly seasoned, natural growth and shall be free from worm holes, loose or dead knots or other defects, saw die square and shall not suffer warping, splitting or other defects
- D. The moisture content shall not exceed 12%
- E. All internal frame work shall be treated with approved wood preservative.
- F. All wood brought to site should be clean shall not have any preservative or other coating / covering.
- G. All rejected decayed, bad quality wood shall be immediately removed from site.
- H. All wood brought to site must be stacked-stored properly as per instructions.

09.00. Plywood: -

- A. Plywood of IS 303 as specified shall only be used.
- B. Only teak wood particle board shall be used. Particle board shall be phenol formaldehyde bonded and generally conform to I.S.3087-1965
- C. Only 3mm to 4mm thick straight grained group matching approved veneers shall be used. Only veneers laminated from species like teak, rose wood, walnut, laurel, white cedar and mahogany, shall be considered for approval and use.

10.00 False Ceiling: -

10.01 G.R.G. Ceiling: -

- 10.01.01 Composition: - The GRG ranges of ceiling tiles are manufactured from glass reinforced gypsum and comprise non-combustible gypsum casting plaster

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reinforced with a glass fiber membranes resulting in a light weight, strong and pestered panel.

10.01.02 Surface Finish: - The plaster should have silky smooth or textured molded finish.

10.01.03 Dimensions: - All designer tiles are to be designed for installation on a standard 600 X 600mm molded 24mm table exposed metal grid and are precision made to within plus or minus 0.25mm.

10.01.04 Fire Performance: -

Non-Combustibility: - GRG tiles are rated non-combustible as defined in BS 476: Part 4:1970.

Surface Spread Of Flame: - GRG tiles are rated Class / for surface spread of flame to BS 476: Part-7:1987.

Fire Propagation: - Test results to BS 476: part 6:1989 indicate a Class 0 surface.

Smoke & toxic fume emission: - The tiles are zero rated for smoke emission. No toxic fumes are given off.

10.01.05 Humidity Resistance: -

The tiles have excellent moisture resistance and can be used in areas of high humidity including covered external areas, kitchens and bathrooms. Tested in an atmosphere of 95% R.H. at 21 Degree C for 14 days, the tiles did not sag or distort and showed only a minimal increase in weight.

Unlike most other ceiling materials, this important attribute can often be used to speed up the building program by installing the ceiling before the building is fully weather tight.

10.01.06 Biological: -

GRG tiles will not support the growth of bacteria or other micro-organisms.

10.01.07 Lifespan: -

Under normal conditions GRG tiles will not deteriorate and can be expected to last the lifetime of the building.

10.01.08 Suspension system is standard 24mm table exposed metal grid. GRG exposed metal grid systems are designed for maximum strength. The grid features main manners and cross tees performed from galvanized steel to RS 7989 7-18 zinc coating min tensile strength 270 Mpa. Grid systems are designed to satisfy ASTM C635 loading

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and deflection criteria. The main and cross runners are provided with bayonet couplings top brick runners are provided with bayonet couplings for brick installation. The runners are pre-slotted to variety of layouts. Main and cross runners are provided with a coil coated steel capping on the exposed table in off-white color. Capping in other colors are available on request.

Grid system features main and cross tees 38mm high. The grid is suspended from the roof with GI wire roads of quick adjustment suspension hangers at maximum 1200mm along the main runners.

GRG tiles are designed for lay-in mounting from below into standard grid.

Tiles grid suspension systems are made in association with Chicago Metallic, Belgium.

10.01.09 Site Work: -

10.01.09a Transport, Handling & Storage: -

GRG tiles are supplied packed in cardboard carton; cartons should be transported and stacked in the vertical position only, never flat. The stack should be a maximum of three cartons high. Similarly, tiles should be stacked vertically when awaiting fixing.

10.01.09b Installation: -

Main tees should normally be fixed at 1200mm centers with hangers every 1200mm along the length of the tee. The tees would be in filled with 1200mm and 600mm cross tees. The grid Contractor's recommendations should be followed at all times. Hangers to be fixed to roof by expansion fasteners.

For light fittings, grills diffusers and cutouts etc. have to be provided additional members of frame works as per direction of Architect / Employer.

10.01.10 Mode of Measurements: -

The measurement shall be square meters for the finished exposed area.

Rate to include: - Apart from other factors mentioned elsewhere in this contract, the rates for items of false ceiling work shall include for the following: -

10.01.10a All labor, materials, equipment's, scaffolding, hardware fittings etc. for carrying out the works as per drawing.

11.00 Standard Specifications: -

Unless otherwise specified elsewhere in this contract, all work under this contract shall be carried out in accordance with the technical specification and the latest issue of the Indian Standard Specification applicable to the particular class of work. If Indian Standards are not formulated for any particular material of work, the relevant British Standard Specification shall apply. Relevant issue of I.S. specifications applicable to the particular work have been described along with the specification for the respective works. In case of any confusion or dispute regarding the meaning and interpretation of any specification for

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the respective works, the decision of the Owner / Architects shall be final and binding on the Contractor.

The brand /make mentioned in the following list should be used by the Contractor and rate quoted should be based on the same. In case of the brand / make is not available, materials of equivalent other makes should be used with prior approval of Architect and Bank. The rates will be revised, based on the difference in basic rates of the make brand / name mentioned below: -

Approved List of Materials (Brands / Make)

Sr. no.	Item	Recommended
1	False Ceiling- Gypsum Board	Gypsum India Ltd ,saint gobain, Laffarge
2	False Ceiling Tiles	Armstrong, AMF, Gypsum India Ltd
3	Aluminum Sections-Partition	Ajit India, Jindal, Indal, Hindalco
4	Aluminum Sections-Door	Ajit India, Jindal, Indal, Hindalco
5	Aluminum Grill	Jindal, Nalco, Hindalco
6	MDF, Particle Board	Greenlam, Archid, Century, Novapan,
7	Plywood, Block Board (BWP,BWR)	Anchor, Archid, Century, Green
8	Block Board	Anchor, Archid, Century, Green
9	Laminates	Formica, Greenlam, Eurolam
10	Wood	Well-seasoned teak-wood / steam beach as per approval
11	Molding & Lipping	Well-seasoned teak-wood / steam beach as per approval
12	Wood Preservative	Asian, Nerolac, Wood guard, British
13	Adhesive	Fevicol, Araldite, Mowicol, Mahacol
14	Glass	Modi, Saint gobain, Ashai, Hindustan Palington
15	Lock, Night Latches	Godrej,4-C ACME, Ultra, Dorset
16	Hydraulic Door closer	Yale, Garnish, Everite, Hyper
17	Floor Spring (Double action 100 kg. - 150 kg)	Hemco, Geze, Everite, Ozone
18	Drawer Channel, Slider (Telescopic)	Earl Bihari, Ebco, Hettich, Solo, Godrej
19	Key Board Drawer, Tray	Earl Bihari, Ebco, Hettich, Solo, Godrej
20	Hard ware	All the necessary hardware shall be of ISI marked with best quality/ and as per Bank's approval.
21	Teak wood	Beading and Moulding to be of first quality teak wood.
22	Paint	Asian,Berger,ICI,Nerolac
23	Flooring (Vitrified/Ceramic)	Nitco,Jhonson,Navin,Kajaria
24	Roller ,Venetian Blinds	Vista,MAC,Univesal
25	Cement	ACC,Ambuja,Birla,Binani

MODE OF MEASUREMENT FOR PAYMENT

1.	Partitions	Length X Height up to the soffit of false ceiling including door frames and doors.
2.	Paneling with Laminate	Length X Height up to the soffit of false ceiling.
3.	Paneling with T.W. Moulding	-do- (including cost of T.W. moulding).
4.	Door Main entrance – Glass – Shutter	Length X Height.
5.	Galvanized False Ceiling	Galvanized bottom surface Length X Breadth
6.	Plaster of Paris False Ceiling/ grid false ceiling	Exposed bottom surface – including moulding and vertical drop (No additional payment will be made for molding & vertical drop).
7.	Vertical Blinds	Actual size of vertical blinds
8.	Paintings	a) Wall surface – Actual length X Height. b) M.S. Grill / Mesh / Without frame c) M.S. Collapsible gate of one side. d) Cornice – Plain surface of P.O.P. False Ceiling. e) Fully paneled Door / Windows with frame: - 2.5 times area of one side. f) Partly Paneled / Partly glazed doors, windows, partitions with frame and shutters: - 2 times area of one side. g) Fully glazed Window / Partition with frame and shutters: - 1 time area of one side.
9.	Flooring	Finished Length X Breadth
10.	Working table	Running length

TECHNICAL SPECIFICATIONS FOR ELECTRICAL WORKS

CODES AND STANDARD

The following codes and standards shall be applicable for continuous performance of all electrical equipment to be supplied delivered at site, erected, tested and commissioned. The electrical Equipment offered shall comply with the relevant Indian Standard Specifications, Fire Insurance Regulations Tariff Advisory Committee's Regulations and to Indian Electricity Rules in all respects with all its latest amendments up-to-date.

For guidelines to the Bidder few of the Indian Standards are indicated below:-

IS 3043 - Code of practice for Earthing

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IS 10118	-	Code of practice for Installation of Switchgear.
IS 3106	-	Code of practice for selection installation and maintenance of fuse (up to 650 Volts)
IS 3427	-	Metal Enclosed Switchgear and control gear.
IS 4064	-	Switch fuse units for Industries etc.
IS 4237	-	General requirement for Switchgears not exceeding 1000 volts.
IS 4615	-	Switch Socket Outlets.
IS 5133	-	(Part I) Sheet Steel Boxes.
IS 5216	-	Guide for safety procedures and practice in electric work.
IS 5578	-	Guide for making of insulated conductors.
IS 5908	-	Method of measurements of electrical installation in building.
IS 162	-	Electric power switch gear for indoor and outdoor Installations.
IS 374	-	Ceiling Fans
IS 415	-	Tungsten Filament Lamps.
IS 694	-	PVC insulated cable and cords for Power/Lighting.
IS 732	-	Electrical wiring installation (up to 650 V)
IS 1087	-	Single Pole Tumbler Switch 5 Amps.
IS 1293	-	3 Pin Plugs and Socket outlets.
IS 1554	-	PVC insulated Cables - heavy duty.
IS 1567	-	Metal clad switches up to 100 Amps.
IS 1771	-	Industrial Light fittings with accessories.
IS 6381	-	Specification for constructions and testing of Electrical Apparatus.
IS 2268	-	Call Bells / Buzzers.
IS 2274	-	Code of practice for wiring installations (exceeding 650 Volts).
IS 3854	-	Switches for Domestic and similar Purpose.
IS 2312	-	Exhaust Fans.
IS 2509	-	PVC Electrical conduits.
IS 2675	-	Enclosed Distribution Fuse Boards and cutouts for voltage up to 1000 Volts.
IS 2834	-	L.T. Capacitors.
IS 3043	-	Code of Practice for Earthing.
IS 1646	-	Code of Practice for Fire Safety in Electrical Installation.

The entire electrical installation work shall be strictly complied with the codes and Standards. Rules and Regulations framed under the Indian Electricity Act 1910 and Indian Electricity Rules 1956. Further it shall be carried out as per the Regulations and Rules setout by "Tariff Advisory Committee and or / Fire Insurance Regulations.

(1) **CABLES:**

1. **GENERAL:**

MV Cables shall be supplied, inspected, laid, tested and commissioned in accordance with drawing specification, cable manufacturer instructions & as indicated at site by the Architect.

2. **MATERIAL:**

The MV Cables shall be PVC insulated aluminum / copper conductor armored cable conforming to IS 1554 of 1972 (part -1) laid in trenches, ducts or in cable trays as shown on drawings.

3. **INSPECTION:**

All cable shall be inspected upon receipt at site and checked for any damage during transit.

4. **JOINTS IN CABLES:**

The Contractor shall take care to see that all the cables received at site are apportioned to various locations in such a manner as to ensure maximum utilization and joints in the cable will not be acceptable.

5. **LAYING CABLES:**

Cable should be laid in necessary ladder cable trays provided. While erecting the cables on wall, M.S. spacers are to be erected on wall by means of phil plug / wood screw/cement screw, and then cable is dressed properly and GI saddles to be fixed on spacers by machine screw. GI saddles shall be having minimum 20 G. The fixing of cable shall be minimum 400 apart for horizontal runs and 800 mm apart for vertical runs. Any civil work like breaking, digging and making good is deemed to be included the rate. Identification tags shall be provided at every 20 m. Cable shall be bent to a radius not less than 12 times the overall diameter of the cable, or in accordance with the manufacturer's recommendations whichever is higher

6. **CABLE TERMINATIONS OF MV CABLES AND JOINTS:**

Cables terminations shall be done with suitable brass cable gland and tinned copper cables lugs only. The cable lugs shall generally fixed to the cable cores by crimping processes. Irrespective of the cable and method of termination the core shall be cleaned and immediately be covered with an oxide inhibiting / corrosion inhibiting compound before terminating. The tail end wires shall be finished in an appropriate color by using PVC insulating tapes.

(2) **LIGHTING FIXTURES:**

(A) **SCOPE:**

Manufacturer test supply and delivery at site the specified light fittings.

(B) STANDARDS:

Lighting fittings covered against these specifications shall comply with the relevant latest Indian Standards and Codes.

(C) CONSTRUCTION:

- (a) The fitting shall be suitable for 240 volts single phase AC supply +/- 5% and frequency 50 Hz. +/- 3%.
- (b) Industrial and decorative fittings shall comprise of mounting rails and other accessories. The decorative fitting shall be provided with louvers as specified. The decorative fittings should be suitable for recessed mounting in the false ceiling fully wired up to terminal block.

(3) LIGHTING FITTING COMPONENTS / ACCESSORIES:

(a) BALLASTS/CHOKES:

These shall be compact in design, copper wound, low power loss, good heat dissipation with no humming sound and filled with polyester.

(b) STARTERS:

The starters shall have hermetically sealed glow switch and radio suppression capacitors suitably designed to withstand striking voltage of tube and to ensure long lamp life. Starter holder shall molded type either made up of phenol-formaldehyde.

(c) CAPACITORS:

These shall be low loss types to improve power factor upto 0.91 to 0.95 lag. Capacitor housing made up of corrosion resistant material and shall be hermetically sealed type.

(d) LAMP HOLDERS:

These shall be rotary spring-loaded resilient type.

(e) LAMP FLUORESCENT:

These shall be cool day light as per the stated wattage of 36W.

(f) LIGHTING AND POWER PANEL:

Power and lighting panel shall be made out of 14-gauge sheet steel, vermin and dust proof, compartmentalized vermin and dust proof construction to provide general-purpose indoor/outdoor type of enclosures as per IP-42/IP52 respectively. These shall be suitable for surface or flush mounting as specified. Outdoor lighting panel shall be weather protected and shall also have necessary canopy. Panels shall be equipped with phase and neutral bus bars of adequate capacity and miniature circuit breakers of 10 kA capacities for the incoming and outgoing circuits as specified in panel schedule. Miniature circuit breakers shall be mounted in such a way that operating levers project outside the top Bakelite cover plates. A hinged lockable door to cover the operating knobs shall be provided. In addition panels shall be provided with grounding studs and an engraved name plates etc as per the panel schedule. An earth bus shall be provided. Each circuit phase neutral shall be given ferrule numbers. Complete wiring inside the panel shall be neatly bunched with PVC tape and button. For the outgoing circuits of these panels cable glands, plates, knock outs or conduit entry shall be provided as specified on panel schedule. All metal surfaces shall be cleaned free of rust and given two coats of approved paints by powder coat. Panels shall be wall mounting type having arrangement of mounting frame.

(g) SWITCHES:

Switches, manufactured in accordance with IS: 3854 shall be used. Switches in areas where concealed wiring has been adopted shall be flush mounting piano plate type unless otherwise specified.

(h) CEILING ROSE & LAMP HOLDERS:

All ceiling Rose and holders shall be ISI marked. Ceiling Rose shall be plate type and lamp holders shall be suitable for BC

(i) RECEPTACLES:

Only three-pin type receptacles manufactured in accordance with IS: 1293 shall be used with the third terminal connected to the earth. All receptacles shall be provided with a switch mounted on the same enclosure but shall be a separate unit to facilitate replacement by part. Flush mounting type receptacles adopted and surface type shall be used in other areas.

(j) OUTLET BOXES:

Outlet boxes for sockets, switches, fixtures and fan regulators etc. shall be for minimum 16 gauges. M.S. sheet 3" deep with necessary modular plate for mounting switch, sockets etc.

(k) **WIRES:**

Wires shall be PVC insulated 660/1100 Volts grade as per IS : 1554 Conductor shall be of stranded copper and size shall be (min. 1.5 mm²) for lighting and (min 2.5 mm²) for power socket circuits. Red/Yellow/Blue wires for Phases, Black wire for Neutral and Green wire for Earth shall be used. Wiring in conduits without color coding is not acceptable. The lighting layouts furnished by Architect shall indicate approx. locations of lighting fixtures. The Electrical Contractor shall determine, with approval of the Architect or his authorized representative, the exact locations of each fixture in order to avoid interference with mechanical equipment & also with a view to obtain as uniform illumination as practicable and to avoid objectionable shadows. Conduit run shown on drawing is only indicative. These shall be laid out by the Contractor to suit field conditions. The cost for cable clamps, metal spacers, anchor bolts etc. shall be deemed to have been included in the installation.

(l) **SURFACE CONDUIT SYSTEM:**

Surface conduit 25mm 16SWG ms conduit / 25mm medium thickness PVC conduit system of wiring shall be adopted, wherever specified in the drawings, Suitable pull boxes or inspection type fittings will be used to facilitate drawing wires.

(4) **CONCEALED CONDUITING & WIRING:**

- a) Concealed conducting shall be carried out by medium thick min 25 mm diameter rigid PVC conduit embedded in RCC/brick work with normal accessories like junction boxes, shall also be of same material that of conduit. Only deep junction boxes shall be used for concealed conduit installation. All junction boxes shall be of ample size to permit the wires to be drawn in and out.
- b) Concealed conduits shall be securely fixed to prevent movement during building operation viz. casting of concrete fixing shall be by means of clips or other approved manner so as to ensure that there will no damage or deformation to conduits.
- c) Conduits installed in chases of wall shall be firmly secured by 'U' nails and such fixing shall be adequate to hold the pipes by themselves with chicken mesh covering.
- d) Recessed conduits buried in plaster shall permit a full 6 mm depth of cover over its entire length.
- e) To prevent water dirt or rubbish entering the conduit system during erection plugs shall be utilized.
- f) All bends shall be made utilizing bending spring with the help of heater. The bends shall be long bends to avoid deformation of conduits with necessary couplers where conduits cross

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expansion joints of the building structure special expansion couplings shall be used or other approved methods adopted.

- g) Wiring shall be carried out with stranded copper conductor PVC insulated color coded wires conforming to IS: 694.
- h) No joints shall be permitted and wires shall be looped from point to point. Wiring shall maintain color code for phases neutral (R, Y, B and black) and green for earthing. The earth wire also shall be drawn inside the conduit and shall be continuous.
- i) At all terminations of wires, the insulation shall be neatly stripped without damaging the conductor. In no case shall bare conductors are allowed to project beyond any insulated shrouding or molding of live terminals.
- j) Installation of terminal blocks will be permitted only where wires can't be terminated directly on terminals in appliances. Connectors should be properly fixed inside box. Unfixed connectors will not be permitted.

The preferred conduit size and capacity of wires shall be as detailed below:

Size of Conduit	SIZE OF WIRE		
	1.5 mm ²	2.5 mm ²	4 mm ²
25 mm	10	7	6
32 mm	15	12	8
38 mm	17	15	10

- k) The size of wires for different circuits will be as per BOQ, but generally as follows:

Lighting points and 5A sockets - 1.5 mm²
 Circuit wiring/primary point/two or three 5A sockets - 2.5 mm²
 AC / Geyser - 4 mm²
 Earthing wire shall be min 1.5 mm² or half of the size of phase wire.

(5) **SWITCH SOCKET BOXES:**

The switch socket boxes shall be of sheet steel. The min thickness of the sheet shall be 2 mm. The box shall be thoroughly cleaned of grease and rust. The paintings shall be two coats of primer followed by two coats of enamel paint. All boxes shall be provided with earthing terminal. The boxes shall be provided adequate knock out for connection conduits. Proper grouting in the wall / partition will be carried out as directed by Architect. All boxes shall be provided with accessories like plates, mounting arrangements.

(6) SWITCHES AND SOCKETS:

Local switches shall be provided for controlling lighting equipment connected to sockets. All sockets shall be 2-pin and earth type unless otherwise stated. Sockets for AC unit geysers shall be metal clad types unless otherwise stated.

In case of false ceiling employing minimum tee grid system, fixtures shall be supported from true ceiling. Exact locations of fixtures shall be finalized in consultation with Air-conditioning Contractors and as indicated on architectural drawings. Wiring above false ceilings shall be left loose in flexible pipe and shall be supported along structures/ceiling. Wiring above false ceiling shall be on surface and below false ceiling it shall be concealed. To facilitate easy maintenance looping back system of wiring shall be followed throughout. Accordingly supply tapings and other interconnections are made only at fixture connector blocks or at switchboards. Intermediate junction boxes shall be used for wire pulling as inspection boxes. All wires in conduit shall be color as specified. Each circuit shall have independent phase neutral and earth wire. Unless otherwise specified, insulated conductors of A.C. supply and D.C. supply shall be bunched in separate conduits.

(7) TELEPHONE SYSTEM:

EPABX for the entire area is located in the Central Wing. Main Junction Box with Krone type Tag-block shall be installed as specified and as shown in the drawing. From EPABX system, Multi pair telephone wire PVC insulated and overall PVC sheathed unarmored cable having tinned copper conductor of 0.51 mm dia. shall be laid through PVC conduit, clamped on the wall or through raceway or through compartments. Due care will be taken while providing the cable through conduit. Suitable Junction Box having no. of tag-blocks shall be provided as indicated. From these tag-blocks 3 pair telephone cable shall be laid. Necessary pool boxes shall be provided at suitable location for pooling the telephone cable. Termination of telephone cable shall be done by trained telephone technicians only. Number ferrules / tags shall be provided for each cable.

(8) EARTHING:

- a) The earthing installation shall be done in accordance with the earthing drawings, Specifications and the standard drawings of reference attached with this document. The entire earthing system shall fully comply with the Indian Electricity Act and Rules framed thereunder. The Contractor shall carryout any changes desired by the electrical Inspector or the owner, in order to make the installation conform to the Indian Electricity Rules at no extra cost. The exact location of earth conductors, earth electrodes and earthing points on the equipment shall be determined at site in consultation with the Architect or his authorized representative. Any changes in the methods, routing, size of conductor etc shall be subject to approval of the Architects.

- b) The earth loop impedance to any point in the electrical system shall have a value, which will ensure satisfactory operation of protective devices.

(9) CONNECTION:

All electrical equipment is to be doubly earthen by connecting two points on equipment to earthing several earth electrodes. The earth grid formed shall be a closed loop as shown in the drawing with earth electrodes connected to the grid with double strip connection. Panels, D.B.s, Conduit trays/steel structured, in which cable has been installed, shall be effectively bonded and earthen. Cable armors shall be earthen at both ends.

(10) TESTING:

- a) Measure the insulation resistance of each circuit without the lamps (load) being in place and it should be more than one M-ohms to earth. The insulation resistance measured as above shall not be less than 50 divided by the number of points on the circuit provided that the whole installation shall not be required to have insulation greater than one mega ohms.
- b) Check the earth continuity for all socket outlets. A fixed relative position of the phase and neutral connections inside the socket shall be established for all sockets.
- c) The insulation resistance between the case of framework of housing and power appliances and all live parts of each appliance shall not be less than that specified in the relevant Indian Standard Specifications.
- d) On completion of cable laying work the Insulation Resistance (Sectional and overall), Continuity Resistance test, Sheathing continuity test, Earth Test., shall be conducted.

(11) COMMISSIONING:

- a) The Contractor shall obtain the written permission and sanction of commissioning the equipment from Electrical Inspector of I. E. & L. Department of State Government and Supply authority. If required under the specific rules of the Government.
- b) Current and voltage of all the phases shall be measured at the lighting panel bus bars with all the circuits switched on with lamps, if required load shall be balance on the three phases.

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Items	Approved shade
Vitrified Floor Tiles:	Kajaria Make (AGCNL- K6211) / same shade matching in Nitco, Johnson Company)
Modular Ceiling:	Armstrong Make (Classic Lite- RH99- Tagular)
Roller Blinds:	Vista make- Silky white 001.
Chairs Fabric:	Nilgiri Blue V02 as per approved fabric sample with Bank's Logo/emblem at Seat Back with Milan Red V13. (Fabric shade only similar of M/s Godrej).
Interior Paint:	Asian paints make - shade no - Milky white - 102.
Skirting: (100 mm):	Bank's pattern i.e. Blue 4" & Red 1" as per proportion Greenlam, Eurolam, Formica. (BLUE C=100 M=50 Y=0 K=0) (RED C=0 M=100 Y=65 K=15)
	Red & Blue laminated Strips required on wall panelling & partition top side (below false ceiling). This is compulsory on every site. Approved sizes are Blue 4" & Red 1" (As per Bank's approved shade).
Modular Furniture	
Table Top & Under structure	Shade - HL Pine. (Laminate make -Greenlam, Eurolam, Formica)
Soft Board	Red & Blue - use Alternate on modular partitions (Fabric shade similar like chairs sample but without emblem)
Powder Coated on all metal sections	Ivory Gloss :- H3N00307S9. (as approved of M/s Methodex Shade Card)
Branding	Branding on Cash Counter, SWO and Officer Desk front modesty will be done as per Bank's branding/ instructions
Skirting	Red & Blue (As per approved shade) skirting is mandatory on all modular furniture as per approved drawings by Bank.
Exterior Paints	Asian paints make - shade Ivory Colour. (If required as per site requirements)
Sanitary fitting:	
Wash basin(Under counter)	Hindware- Zen Pastel/starwhite (Cat.No.-10049 56x45) Hindware- Garnet starwhite (Cat. No.-100048 58x43)
Urinal	Hindware - Flat back large (Cat no.-60002)
European water closet	Hindware- Green starwhite (Cat. No.-20079) Hindware- Sleek special (Cat. No.20011 S-28/P-18) Hindware- Star S (Cat No.20087 S-10)
Water taps, stop cocks & other fittings	Jaquar Continental series
Light fitting:	Grid Light 2x2 Phillips 29 SRC140B (LED) , Down lighter Phillips, LED Green LED i, DN 192B
Miniature Circuit Breaker/ MCCB's:	Legrand DX3 Series Fan:- Crompton (High Breeze / High Flow series, white colour)
Wiring & Cabling	Polycab
Frosted Film	As per Bank's requirements/ instructions
Branding Material	All Branding Material will be supplied by the Bank and to be installed on site by the vendor.
Vinyl flooring	Applicable only in Strong Room area 2mm thk. (Armstrong, Rikwin, Marblex)



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SNo	DESCRIPTION	MAKE
1	Cables and Wires	Finolex/RR/Polycab
2	Switchgear (MCB ,MCCB,RCCB)	Legrand/Siemens/L&T
3	Switches Sockets	Anchor Roma
4	Fan/exhaust	Crompton
5	Light Fixtures(LED)	Phillips
6	Conduit	Prince
7	Earthing	Chemical
	Only these makes are to be used for new and maintenance works	
1	AC split ,cassette centralized	Hitachi,Carrier ,Voltas,Bluestar,Daikin

Renovation of Pachora Branch under Jalgaon RO - Estimate

S.N O	ITEM AND SPECIFICATION	QTY	UNIT	RATES	AMOUNT
A	Civil work				
1	PLAIN GYPBOARD FALSE CEILING WITH PAINTING : Providing and fixing suspended false ceiling consisting of 12.5mm thick Gypsum board (India Gypsum) suspended on GI framework. GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c. Suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied GI cleats and steel expansion fasteners. Boards to be finished with proprietary supplied jointing tape and jointing compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer alongwith coats of Acrylic paint suitable for Gypsum board upto Bank's Satisfaction . Rate quoted to include vertical all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect.	27	SQM		
2	GRID FALSE CEILING /Modular False ceiling :Providing and fixing suspended false ceiling consisting : approved make MODULAR CEILINGTile: Classic Lite RH 95;Suspension system Suprafine 15 ()False ceiling will be measured on horizontal plane only. Horizontal plane measurements are to be inclusive of all vertical drops, edge mouldings, fascias, etc.Rate quoted to include all cut-outs required for light fixtures, smoke detectors and other services cut-outs complete as directed by Architect. Rate quoted to include cost of providing support framework formed of perimeter channels for fixing light fixtures, AC grills/diffusers etc. Also to provide concealed perimeter channel support as required to support modular grid ceiling sections at junction between gypboard false ceiling and modular grid tile ceiling.	72	SQM		
TOTAL FOR CIVIL WORK				(A)	-
B	Carpentry work				
1	P/F SOLID PARTITIONS full height - with glass/ without glass (as per design) made out of Aluminum cross section / 2"x1 1/2" salwood section framework 2'-0" c/c both ways treated with antitermite solution, covered with 8 mm thk commercial ply wood / partly glazed with approved shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's colour scheme given in the tender specification with 8 mm glass to be given in the design if required. The open edges are to be blocked by teak wood bead of required size and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed. If glass is provided,the rate shall include providing and fixing glass film.	43.041	SQM		

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2	P/F SOLID PARTITIONS 1200mm height - with glass/ without glass (as per design) made out of Aluminum cross section / 2"x1 1/2" salwood section framework 2'-0" c/c both ways treated with antitermite solution, covered with 8 mm thk commercial ply wood / partly glazed with approved shape & shade 1mm thk laminate/mica fixing on inside of panel with 1.5 mm thk grooves in panel as per the design with provision of the openings in the panel for switch boards, box and cuts in frame for carrying conduits if necessary and fixing 1.0 mm laminate on the outside face of shade and colour as per Bank's colour scheme given in the tender specification with 8 mm glass to be given in the design if required. The open edges are to be blocked by teak wood bead of required size and design. All provisions to be made for all electrical, networking boxes onto partition framework at required heights/levels with necessary additional supports as directed.	8.46	SQM		
5	P/F Full Height storage - Providing and erection of full ht storage unit of 450mm depth made out of 18 mm thk commercial ply box with shutter to be finished 1 mm thk laminate of approved shade. 18 mm shelves of required depth and at 15" intervals are to be provided. storage and shelves are to be finished with french polish. edges of the shelves are to be finished with teakwood beading and shall be finished with coloured polish matching the laminate shade. The rate shall include all necessary hardware like magnetic catch, concealed dead lock, SS handle 6"/9", SS hinges etc complete	18.816	SQM		
6	P/F Low height storage (0.75 m ht) - Providing and erection of low height storage unit of 450mm depth made out of 18 mm thk commercial ply box with shutter to be finished 1 mm thk laminate of approved shade. 18 mm shelves of required depth and at 15" intervals are to be provided. storage and shelves are to be finished with french polish. edges of the shelves are to be finished with teakwood beading and shall be finished with coloured polish matching the laminate shade. The rate shall include all necessary hardware like magnetic catch, concealed dead lock, SS handle 6"/9", SS hinges etc complete (1 BH cabin, 1 for WS no.5)	6.98	SQM		
7	P/F SOLID FLUSH DOOR WITH GLASS . A glass panel of size 0.3 m x 1.5 m shall be fitted as per design in the door. All material is of approved brand. Size of door 750x2100 AND 900 X 2100 -Providing and fixing single leaf solid core flush door 40mm thick factory made, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardwares to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle, glass film on the glass panel etc.(Server room & electric room)	4	nos		
	P/F SOLID FLUSH DOOR (WICKET GATE) . All material is of approved brand. Size of door 750x1200 -Providing and fixing single leaf solid core flush door 40mm thick factory made, finished on both sides with 1.0mm thick laminate of approved shade as indicated in drawing. Shutter to be lipped on all sides with 12mm thick teak wood beading. Applicable hardwares to be considered for following doors according to requirement as per detailed drawings including below mentioned hardware-Door closer,SS Ball bearing Hinges ,SS foot operated Door stopper,SS Mortise Latch Lock / concealed dead lock,SS Mortise Handle, glass film on the glass panel etc.(Server room & electric room)	3	NOS		

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8	P/F Work Stations with partitions - Providing and fixing work station of 600 mm x 1900 to 2100 mm size and dividing partion shall have height of 1200.. and width of 750mm. The table and partition shall be made of 18 mm thk commercial ply and thknss of table top shall be 36 mm. all the external surfaces shall be finished with 1mm thk laminate of approved shade. edge of the table shall be finished with teakwood beading in round shape matching the color of laminate. Table shall be provided with one keyboard drawer with attachment for mouse with telescopic channel. Storage box below the table shall be provided having width of 15" and depth as that of table top. The storage shall be provided with drawer of 4" ht and shutter below. One shelf of 18mm thk shall be provided in storage. all the internal surfaces shall be finished with french polish and external surfaces shall be finished with 1mm thk laminate of approved shade. one CPU platform and one Footrest shall be provided for each table. table top shall be provided with one cable manager. The rate shall include hardware like chanel, SS hinges, SS 3" handles, locks, fixing and errection complete etc complete	7	nos		
9	P/F cash cabin with partitions - Providing and fixing cash cabin of overall size of 1800 x 2100 mm. work station of width 600 mm and length equals to shorter side of cash cabin. partion shall have height of 2100mm, partition shall be provided with toughened glass and cutouts as required. The table and partition shall be made of 18 mm thk commercial ply and thknss of table top shall be 36 mm. all the external surfaces shall be finished with 1mm thk laminate of approved shade. edge of the table shall be finished with teakwood beading in round shape matching the color of laminate. Table shall be provided with one keyboard drawer with attachment for mouse with telescopic channel. Storage box below the table shall be provided having width of 15" and depth as that of table top. The storage shall be provided with drawer of 4" ht and shutter below. One shelf of 18mm thk shall be provided in storage. all the internal surfaces shall be finished with french polish and external surfaces shall be finished with 1mm thk laminate of approved shade. one CPU platform and one Footrest shall be provided for each table. table top shall be provided with one cable manager. THE CASH CABIN SHALL BE COVERED FROM TOP BY ALUMINIUM JALI OF CROSS DESIGN WITH MINIMUM 2"X2" DISTANCE BETWEEN THE CROSS JALI. The rate shall include hardware like chanel, SS hinges, SS 3" handles, autometric locks, fixing and errection complete etc complete.	1	nos		
10	P/F Branch Head Cubicle - providing and making BH table in L- Shape with rectangular top of 35mm thk top and skeleton i.e front, sides st with 18mm thk commeal ply finished with 1mm thk laminate of approved shade. Size of table top is 1.80 m x 0.75 m and size of side table is 1.05 m x 0.45 m. Sidetable shall be provided with storage with shutter below of same size anf one shelf shall be provided in storage. One pedestal chest of drawer shall be provided below table top with 3 drawers. all the internal surfaces shall be finished with french polish and external surfaces shall be finished with 1mm thk laminate of approved shade. < SS hinges, board tray, CPU pedestal, foot rest, SS hinges,	1	nos		

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	keyboard tray, CPU pedestal, foot rest, SS handles 3", magnetic catch, lock, aldrop etc complete				
12	Providing and fixing writing desk as per required length (1200mm atleast) with bank slip box, cheque drop box, complaint box, soft board of size 1500x1200mm AS PER SITE REQUIREMENT	1	LS		
TOTAL FOR CARPENTRY WORK				(B)	-
C	Electrical and Data cabling Work				
	Electrical Work				
1	Providing wiring (supply, fixing, testing and comm. etc) for light point / Exhaust fan point /Fan Point/ Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm FRLS				
a	Providing and fixing Primary light point	25	nos		
b	Providing and fixing Secondray light point(Maximum two points to be looped from primary)	18	nos		
c	SPECIAL POINTS: (UPS DB TO WORKSTATIONS)				
	Supply, fixing, testing and commissioning of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in rigid MMS grade PVC 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.				
	1 Nos. 16 A Switch + 3 Nos. 6 A, 5 pin Socket.	12	nos		
	AC POINT				
a	Providing and fixing 25 amp point	5	nos		
b	Providing and laying 4sqmm wire for ac point	800	mtr		
	DB PANEL				
a	Providing and fixing 12 way SPN DB with 63A 4P MCB and 25 A SP MCB for AC, Raw And lighting	4	nos		
b	Providing and fixing input and output UPS & Inverter DB	2	nos		
c	Providing and laying in concealed condute 2x6 sqmm + 2.5 sqmm wire from meter to DB	30	mtr		

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d	Providing and fixing 100 Amp MCCB at entrance including intallation, wiring, crimping etc, complete. For single switch system & arrangement for indicator light outside inform of Branch entrance	1	nos		
	LED FIXTURES				
a	32-40 watts,Minimum 2800 lumens LED SQUARE size 600X600X80 mm (Approx.) : CRI>80,PF>0.9 of approved make for plain gypsum ceiling and for grid ceiling of Phillips make or equivalent	19	nos		
b	Providing And Fixing 15 watt Down light Phillips make or equivalent	12	nos		
c	32-40 watts, 4' length LED tube light for wall, ceiling	4	nos		
d	providing and fixing exhaust fan/ wall fan	4	nos		
e	Providing and fixing ceiling fan of 4' dia of approved make along with extension rod, anchor bolt if required, hook for fan fixing, regulator fixing and installation complete	6	nos		
	Telephone & COMPUTER POINT : I / O's :				
a	Single outlet with shutter modular type I / O's Outlets (RJ 45) with suitable size PVC modular boxes complete as required	10	nos		
b	Single outlet with shutter modular type TelephoneOutlets (RJ 11) with suitable size PVC modular boxes complete as required .	10	nos		
c	Supply and Installation of following factory fabricated patch cords (STP-CAT 6) complete with connectors and boots on both sides.				
	Two Meter length	10	nos		
	one meter length	10	nos		
e	Cat6 cable For data and telephone	800	mtr		
	24-Port Cat6 Unshielded Wallmount or Rackmount Patch Panel,Dlink	1	nos		
	TOTAL FOR ELECTRICAL AND DATA CABLING WORK	(C)		-	
D	AIR CONDITIONING WORK - Low Side work - Installation ONLY				
	Hiwall type Split Air conditioners - INSTALLATION ONLY				



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a	Installation of individual split typeCassette air conditioner standard size				
	Actual Capacity - 1.5 TR	5	Nos		
b	Supplying and fixing of following copper conductor cable for connections AC unit completed etc. as reqd				
	4 core x2.5 sq.mm communcaton cable from indoor unit to outdoor uniit.	25	RMT		
c	Supply, installation, testing and commissioning of refrigerant gas piping using eddy current free copper piping work with 9 mm thick insulation				
	Copper Piping for split AC 1.50 TR	25	RMT		
h	Supply, installation, testing and commissioning of condensate drain water piping with necessary clamps, supports, hangers such as bend, tees, reducers etc. duly insulated with 9 mm thick chemically cross-linked closed cell polyethylene foam.				
	25 mm dia pipe with insulation	25	RMT		
i	Readymade outdoor stand epoxy coated.				
j	Split AC 1.5 TR	5	Nos		
k	Civil Work	1	Lot		
	Total for AIR CONDITIONING WORK - Low Side work			(D)	-
	Total for Renovation work	(A+B+C+D)			-
	GST	18%			-
	G. Total				-
	(In Words:-)				

Renovation of Pachora Branch under Jalgaon RO - Estimate

S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATES	AMOUNT
A	Civil work				
1	साधे जिपबोर्ड रंगकाम केलेले खोटे छत: 12.5 मिमी जाड जिप्सम बोर्ड (इंडिया जिप्सम) जीआय फ्रेमवर्कवर निलंबित केलेले आहे. जीआय फ्रेमवर्कमध्ये जीआय परिमिती वाहिन्या असतील ज्या 0.55 मिमी जाड 20 मिमी x 30 मिमी छताच्या खोल्या छताच्या परिमितीवर असतील, ज्या भिंती/विभाजनावर नायलॉन स्लीव्ह आणि स्कू @ 600 मिमी सी/सी सह स्कूने फिक्स केल्या जातील. 0.9 मिमी जाड 45 मिमी x 15 मिमी आकाराच्या जीआय इंटरमीडिएट वाहिन्या सोफिटपासून जास्तीत जास्त 1220 मिमी सी/सी अंतरावर छताच्या कोनासह 0.55 मिमी जाड 25 मिमी x 10 मिमी सोफिटवर फिक्स केल्या जातील, जीआय क्लीट्स आणि स्टील विस्तार फास्टनर्स वापरून. बोर्डांना मालकीच्या संयुक्त टेप आणि संयुक्त कंपाऊंडने पूर्ण केले जाईल आणि गुळगुळीत आणि अखंड फिनिश प्राप्त करण्यासाठी सॅंड पेपर केले जाईल आणि जिप्सम बोर्डसाठी बँकेच्या समाधानापर्यंत ऍक्रेलिक पेंटचे 2 कोट लावले जातील. आर्किटेक्टने निर्देशित केल्यानुसार प्रकाश फिक्स्चर, स्मोक डिटेक्टर आणि इतर सेवा कट-आउटसाठी आवश्यक असलेल्या सर्व कट-आउट्स समाविष्ट करण्यासाठी दर उद्धृत केला जाईल.	27	SQM		
2	ग्रिड खोटे छत /मॉड्यूलर खोटे छत: निलंबित खोटे छत प्रदान करणे आणि बसवणे ज्यामध्ये खालील गोष्टी समाविष्ट आहेत: मंजूर मेक मॉड्यूलर छत टाइल: क्लासिक लाइट आरएच 95; सर्पेंशन सिस्टम सुप्राफाइन 15 ()खोटे छत केवळ क्षैतिज प्रतलावर मोजले जाईल. क्षैतिज प्रतलावरील मोजमापे सर्व उभ्या घसरणी, कडा मोलिंग, फासिया इत्यादींचा समावेश करतील. आर्किटेक्टने निर्देशित केल्यानुसार प्रकाश फिक्स्चर, स्मोक डिटेक्टर आणि इतर सेवा कट-आउटसाठी आवश्यक असलेल्या सर्व कट-आउटसह दर उद्धृत केला जाईल. प्रकाश फिक्स्चर, एसी ग्रिल/डिफ्यूझर इत्यादी फिक्स करण्यासाठी परिमिती वाहिन्यांचे समर्थन करणारी समर्थन फ्रेमवर्क प्रदान करण्याच्या खर्चासह दर उद्धृत केला जाईल. तसेच जिपबोर्ड खोटे छत आणि मॉड्यूलर ग्रिड टाइल छत यांच्यातील जंक्शनवर मॉड्यूलर ग्रिड छत विभागांना समर्थन देण्यासाठी आवश्यकतेनुसार लपलेली परिमिती चॅनेल समर्थन प्रदान करणे.	72	SQM		
TOTAL FOR CIVIL WORK				(A)	-
B	सुतारकाम				
1	पी/एफ सॉलिड पार्टिशन पूर्ण उंची - काचेसह/काचेविना (डिझाइननुसार) ॲल्युमिनियम क्रॉस सेक्शन/2"x1 1/2" सालवुड सेक्शन फ्रेमवर्क 2'-0" सी/सी दोन्ही बाजूंनी ॲंटीटर्मिट सोल्यूशनने उपचार केलेले, 8 मिमी जाडीच्या व्यावसायिक प्लाय वुडने झाकलेले/1 मिमी जाडीच्या मंजूर आकार आणि शेड असलेल्या आंशिकपणे काचेचे/पॅनेलच्या आतील बाजूस 1.5 मिमी जाडीच्या खाचा असलेले पॅनेल डिझाइननुसार पॅनेलमध्ये स्विच बोर्ड, बॉक्स आणि आवश्यक असल्यास नळ्या वाहून नेण्यासाठी फ्रेममध्ये कट आणि आवश्यक असल्यास डिझाइननुसार शेड आणि रंगाच्या बाहेरील बाजूस 1.0 मिमी लॅमिनेट फिक्सिंग आणि निविदा तपशीलानुसार बँकेच्या रंग योजनेनुसार 8 मिमी काच डिझाइनमध्ये दिली जाईल. उघड्या कडा आवश्यक आकार आणि डिझाइनच्या सागवान लाकडाच्या मण्याने ब्लॉक केल्या पाहिजेत. आवश्यक उंची/स्तरावर विभाजन आराखड्यावर सर्व	43.041	SQM		

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	इलेक्ट्रिकल, नेटवर्किंग बॉक्ससाठी आवश्यक अतिरिक्त आधारांसह सर्व तरतुदी केल्या जातील. जर काच प्रदान केली गेली तर दरात काचेचा फिल्म प्रदान करणे आणि फिक्स करणे समाविष्ट असेल.				
2	पी/एफ सॉलिड पार्टिशन 1200 मिमी उंची - काचेसह/काचेविना (डिझाइननुसार) ॲल्युमिनियम क्रॉस सेक्शन/2"x1 1/2" सालवुड सेक्शन फ्रेमवर्क 2'-0" सी/सी दोन्ही बाजूंनी ॲंटीटर्मिट सोल्यूशनने उपचार केलेले, 8 मिमी जाडीच्या व्यावसायिक प्लाय वुडने झाकलेले/1 मिमी जाडीच्या मंजूर आकार आणि शेड असलेल्या आंशिकपणे काचेचे/पॅनेलच्या आतील बाजूस 1.5 मिमी जाडीच्या खाचा असलेले पॅनेल डिझाइननुसार पॅनेलमध्ये स्विच बोर्ड, बॉक्स आणि आवश्यक असल्यास नळी वाहून नेण्यासाठी फ्रेममध्ये कटिंगसाठी तरतूद आणि निविदा तपशीलानुसार बँकेच्या रंग योजनेनुसार शेड आणि रंगाच्या बाहेरील बाजूस 1.0 मिमी लॅमिनेट फिक्सिंग आवश्यक असल्यास डिझाइनमध्ये 8 मिमी काच दिली जाईल. खुल्या कडा आवश्यक आकार आणि डिझाइनच्या सागवान लाकडाच्या मणीने ब्लॉक केल्या पाहिजेत. आवश्यक उंची/पातळीवर विभाजन फ्रेमवर्कवर सर्व इलेक्ट्रिकल, नेटवर्किंग बॉक्ससाठी आवश्यक अतिरिक्त समर्थनासह सर्व तरतुदी केल्या पाहिजेत.	8.46	SQM		
5	पी/एफ पूर्ण उंचीचा साठवणूक - 450 मिमी खोलीचा पूर्ण उंचीचा साठवणूक युनिट प्रदान करणे आणि उभारणी करणे, 18 मिमी जाडीच्या व्यावसायिक प्लाय बॉक्सपासून बनलेले आणि शटरसह, 1 मिमी जाडीच्या मान्यताप्राप्त शेडच्या लॅमिनेटने पूर्ण केले जाईल. आवश्यक खोलीचे 18 मिमी शेल्फ आणि 15" अंतराने प्रदान केले जातील. साठवणूक आणि शेल्फ फ्रेंच पॉलिशने पूर्ण केले जातील. शेल्फच्या कडा सागवान लाकडाच्या बीडिंगने पूर्ण केल्या जातील आणि लॅमिनेट शेडशी जुळणाऱ्या रंगीत पॉलिशने पूर्ण केल्या जातील. दरात सर्व आवश्यक हार्डवेअर जसे की चुंबकीय कॅच, लपलेले डेड लॉक, एसएस हँडल 6"/9", एसएस बिजागर्या इत्यादींचा समावेश असेल	18.816	SQM		
6	पी/एफ कमी उंचीचे स्टोरेज (0.75 मी. उंची) - 450 मिमी खोलीचे कमी उंचीचे स्टोरेज युनिट प्रदान करणे आणि उभारणे, जे 18 मिमी जाडीच्या व्यावसायिक प्लाय बॉक्सपासून बनलेले आहे आणि शटरसह 1 मिमी जाडीच्या लॅमिनेटच्या शेडमध्ये पूर्ण केले जाईल. आवश्यक खोलीचे 18 मिमी शेल्फ आणि 15" अंतराने प्रदान केले जातील. स्टोरेज आणि शेल्फ फ्रेंच पॉलिशने पूर्ण केले जातील. शेल्फच्या कडा सागवानच्या बीडिंगने पूर्ण केल्या जातील आणि रंगीत पॉलिशने लॅमिनेट शेडशी जुळवून पूर्ण केले जातील. दरात सर्व आवश्यक हार्डवेअर जसे की चुंबकीय कॅच, लपलेले डेड लॉक, एसएस हँडल 6"/9", एसएस बिजागर्या इत्यादींचा समावेश असेल (1 बीएच केबिन, 1 डब्ल्यूएस क्रमांक 5 साठी)	6.98	SQM		
7	काचेचा पी/एफ सॉलिड फ्लश दरवाजा. दरवाजाच्या डिझाइननुसार 0.3 मी x 1.5 मी आकाराचे काचेचे पॅनेल बसवले जावे. सर्व साहित्य मंजूर केलेल्या ब्रँडचे असावे. दरवाजाचा आकार 750x2100 आणि 900 x 2100 - 40 मिमी जाडीचा एकच पत्रे असलेला सॉलिड कोर फ्लश दरवाजा फॅक्टरीमध्ये तयार केला जाईल, ज्याच्या दोन्ही बाजूंना 1.0 मिमी जाडीचे लॅमिनेट असेल, जे रेखाचित्रानुसार दर्शविले आहे. शटर सर्व बाजूंनी 12 मिमी जाडीच्या सागवान लाकडाच्या मण्यांनी जोडलेले असावे. खाली नमूद केलेल्या हार्डवेअरसह तपशीलवार रेखाचित्रानुसार आवश्यकतेनुसार खालील दरवाजासाठी लागू हार्डवेअर विचारात घेतले जावे- दरवाजा क्लोजर, एसएस बॉल बेअरिंग हिंग्ज, एसएस फूट ऑपरेटेड दरवाजा स्टॉपर, एसएस मोर्टिस लॅच लॉक/कन्सील्ड डेड लॉक, एसएस मोर्टिस हँडल, काचेच्या पॅनेलवर काचेचा फिल्म इत्यादी (सर्व्हर रूम आणि इलेक्ट्रिक रूम)	4	nos		

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	पी/एफ सॉलिड फ्लश दरवाजा (विकेट गेट). सर्व साहित्य मंजूर केलेल्या ब्रँडचे आहे. दरवाजाचा आकार 750x1200 - 40 मिमी जाड सिंगल लीफ सॉलिड कोर फ्लश दरवाजा तयार करणे आणि बसवणे, दोन्ही बाजूंनी 1.0 मिमी जाड लॅमिनेटसह पूर्ण करणे, जसे की रेखाचित्रामध्ये दर्शविले आहे. शटर सर्व बाजूंनी 12 मिमी जाड सागवान लाकडाच्या बीडिंगसह जोडले जावे. खाली नमूद केलेल्या हार्डवेअरसह तपशीलवार रेखाचित्रानुसार आवश्यकतेनुसार खालील दरवाजासाठी लागू हार्डवेअर विचारात घेतले जावे- दरवाजा क्लोजर, एसएस बॉल बेअरिंग हिंज, एसएस फूट ऑपरेटेड दरवाजा स्टॉपर, एसएस मोर्टिस लॅच लॉक/कॉन्सील्ड डेड लॉक, एसएस मोर्टिस हँडल, काचेच्या पॅनेलवर काचेचा फिल्म इत्यादी (सर्व्हर रूम आणि इलेक्ट्रिक रूम)	3	NOS		
8	विभाजन असलेले पी/एफ कार्य केंद्र - 600 मिमी x 1900 ते 2100 मिमी आकाराचे कार्य केंद्र प्रदान करणे आणि निश्चित करणे आणि विभाजक भाग 1200 उंचीचे आणि रुंदी 750 मिमी असावे. टेबल आणि विभाजन 18 मिमी जाडीच्या व्यावसायिक प्लायचे बनलेले असेल आणि टेबल टॉपची जाडी 36 मिमी असेल. सर्व बाह्य पृष्ठभाग मंजूर केलेल्या शेडच्या 1 मिमी जाडीच्या लॅमिनेटने पूर्ण केले जातील. टेबलच्या कडेला रंगसंगती साधणाऱ्या गोल आकाराच्या सागवान लाकडाच्या मण्यांनी पूर्ण केले जाईल. टेबलला टेलिस्कोपिक चॅनेलसह माऊस जोडण्यासाठी एक कीबोर्ड ड्रॉवर जोडले जाईल. टेबलच्या खाली 15" रुंदी आणि टेबल टॉपच्या खोलीचा स्टोरेज बॉक्स प्रदान केला जाईल. साठवणुकीसाठी 4" फूट उंचीचा ड्रॉवर आणि खाली शटर दिला जाईल. साठवणुकीत 18 मिमी जाडीचा एक शेल्फ प्रदान केला जाईल. सर्व अंतर्गत पृष्ठभाग फ्रेंच पॉलिशने पूर्ण केले जातील आणि बाह्य पृष्ठभाग मंजूर केलेल्या छटाच्या 1 मिमी जाडीच्या लॅमिनेटने पूर्ण केले जातील. प्रत्येक टेबलसाठी एक सीपीयू प्लॅटफॉर्म आणि एक फूटरस्ट प्रदान केला जाईल. टेबल टॉपवर एक केबल व्यवस्थापक असेल. दरात हार्डवेअर जसे चॅनेल, एस. एस. हिंज, एस. एस. 3" हँडल्स, लॉक, फिक्सिंग आणि इरेक्शन पूर्ण इत्यादींचा समावेश असेल	7	nos		
9	विभाजन असलेले पी/एफ रोख केबिन - एकूण आकार 1800 x 2100 मिमी रोख केबिन प्रदान करणे आणि बसवणे. रुंदी 600 मिमी आणि रोख केबिनच्या लहान बाजूच्या लांबीइतके लांबीचे कार्य केंद्र. विभाजनाची उंची 2100 मिमी असावी, विभाजनासाठी आवश्यकतेनुसार काच आणि कटआउट्स प्रदान केले जातील. टेबल आणि विभाजन 18 मिमी जाडीच्या व्यावसायिक प्लायचे बनलेले असेल आणि टेबल टॉपची जाडी 36 मिमी असेल. सर्व बाह्य पृष्ठभाग मंजूर केलेल्या शेडच्या 1 मिमी जाडीच्या लॅमिनेटने पूर्ण केले जातील. टेबलच्या कडेला लॅमिनेटच्या रंगाशी जुळणाऱ्या गोल आकाराच्या सागवान लाकडाच्या मण्यांनी पूर्ण केले जाईल. टेबलला टेलिस्कोपिक चॅनेलसह माऊस जोडण्यासाठी एक कीबोर्ड ड्रॉवर जोडला जाईल. टेबलच्या खाली 15" रुंदी आणि टेबल टॉपच्या खोलीचा स्टोरेज बॉक्स प्रदान केला जाईल. साठवणुकीसाठी 4" फूट उंचीचा ड्रॉवर आणि खाली शटर दिला जाईल. साठवणुकीत 18 मिमी जाडीचा एक शेल्फ प्रदान केला जाईल. सर्व अंतर्गत पृष्ठभाग फ्रेंच पॉलिशने पूर्ण केले जातील आणि बाह्य पृष्ठभाग मंजूर केलेल्या छटाच्या 1 मिमी जाडीच्या लॅमिनेटने पूर्ण केले जातील. प्रत्येक टेबलसाठी एक सीपीयू प्लॅटफॉर्म आणि एक फूटरस्ट प्रदान केले जाईल. टेबल टॉपवर एक केबल व्यवस्थापक दिला जाईल. टीएचई कॅबिनला क्रॉस डिझाइनच्या ॲल्युमिनियम जाळीने झाकले जाईल ज्यामध्ये क्रॉस जाळीमध्ये किमान 2"X2" अंतर असेल. दरात चॅनेल, एस. एस. हिंज, एस. एस. 3" हँडल्स, ऑटोमॅटिक लॉक, फिक्सिंग आणि इरेक्शन इत्यादी हार्डवेअरचा समावेश असेल.	1	nos		

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10	पी/एफ शाखा प्रमुख क्युबिकल - आयताकृती 35 मिमी जाडीच्या वरच्या बाजूने आणि सांगाड्यासह एल-आकाराचे बीएच टेबल प्रदान करणे आणि तयार करणे, म्हणजे समोर, 18 मिमी जाडीच्या व्यावसायिक प्लायने पूर्ण केलेले बाजूचे स्टँड आणि 1 मिमी जाडीचे मंजूर शेडचे लॅमिनेट. टेबल टॉपचा आकार 1.80 मी x 0.75 मी आणि बाजूच्या टेबलचा आकार 1.05 मी x 0.45 मी असावा. बाजूच्या टेबलला समान आकाराच्या खाली शटरसह स्टोरेज प्रदान केले जाईल आणि स्टोरेजमध्ये एक शेल्फ प्रदान केले जाईल. टेबल टॉपच्या खाली 3 ड्रॉवरसह ड्रॉवरची एक पेडस्टल चेस्ट प्रदान केली जाईल. सर्व अंतर्गत पृष्ठभाग फ्रेंच पॉलिशने पूर्ण केले जातील आणि बाह्य पृष्ठभाग मंजूर शेडच्या 1 मिमी जाडीच्या लॅमिनेटने पूर्ण केले जातील. < एसएस हिंज, बोर्ड ट्रे, सीपीयू पेडस्टल, फूट रेस्ट, एसएस हिंज, कीबोर्ड ट्रे, सीपीयू पेडस्टल, फूट रेस्ट, एसएस हँडल 3", मॅग्नेटिक कॅच, लॉक, अॅलड्रॉप इत्यादी पूर्ण	1	nos		
12	आवश्यकतेनुसार लेखन डेस्क (किमान 1200 मिमी) बँक स्लिप बॉक्स, चेक ड्रॉप बॉक्स, तक्रार बॉक्स, 1500x1200 मिमी आकाराचे सॉफ्ट बोर्डसह प्रदान करणे आणि निश्चित करणे	1	LS		
कार्पेंटरी कामासाठी एकूण				(B)	-
C	इलेक्ट्रिकल आणि डेटा केबलिंग कार्य				
	विद्युत कार्य				
1	लाइट पॉइंट/एक्झॉस्ट फॅन पॉइंट/फॅन पॉइंट/कॉल बेल पॉइंट/6A स्विच-सॉकेट पॉइंट इत्यादीसाठी 2x1.5x1x1.5 चौ.मि. एफआरएलएससह वायरिंग (पुरवठा, फिक्सिंग, चाचणी आणि कम. इत्यादी) प्रदान करणे				
a	प्राथमिक प्रकाश बिंदू प्रदान करणे आणि निश्चित करणे	25	nos		
b	दुय्यम प्रकाश बिंदू प्रदान करणे आणि निश्चित करणे (प्राथमिक बिंदूपासून जास्तीत जास्त दोन बिंदू लूप करणे).	18	nos		
c	विशेष मुद्दे: (यूपीएस डीबी टू वर्कस्टेशन्स)				
	खालील गोष्टींचा पुरवठा, फिक्सिंग, चाचणी आणि कमिशनिंग: मॉड्यूलर प्रकारचा स्विच सॉकेट कव्हर प्लेटसह, शीट स्टील बॉक्स इ. पृष्ठभागावर/लपलेल्या पद्धतीने विद्युत वायरिंगसह 2 X 2.5 वर्ग मिमी + 1 X 2.5 वर्ग मिमी एफआरएलएस पीव्हीसी इन्सुलेटेड तांबे कंडक्टर सिंगल कोर मल्टी स्ट्रँडेड वायर कठोर एमएमएस ग्रेड पीव्हीसी नालीमध्ये नालीच्या उपकरणांसह जसे की बेंड, जंक्शन बॉक्स इ. पृष्ठभागावर / पुनरावृत्ती पद्धतीने इ. (डी. बी./छोतापासून बोर्ड/गंतव्यस्थानापर्यंत वायरिंग) आणि साइटच्या गरजेनुसार आणि निर्देशानुसार आवश्यकतेनुसार सर्व नुकसान, रंगकाम, साइटची स्वच्छता इ. पूर्ण करा				
	1 नग 16 ए स्विच + 3 नग 6 ए, 5 पिन सॉकेट.	12	nos		
	ए. सी. पॉइंट				
a	25 एएमपी बिंदू प्रदान करणे आणि निश्चित करणे	5	nos		
b	ए. सी. पॉइंटसाठी 4 वर्गमीटर वायर प्रदान करणे आणि टाकणे	800	mtr		
	डी. बी. पॅनेल				
a	एसी, कच्चा आणि प्रकाशयोजनेसाठी 63ए 4पी एमसीबी आणि 25 ए एसपी एमसीबीसह 12 मार्गांचे एसपीएन डीबी प्रदान करणे आणि निश्चित करणे	4	nos		
b	इनपुट आणि आउटपुट यूपीएस आणि इन्व्हर्टर डीबी प्रदान करणे आणि निश्चित करणे	2	nos		

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c	मीटरपासून डीबीपर्यंत 2x6 चौ. मी. + 2.5 चौ. मी. चे लपलेले कंड्युट टाकणे	30	mtr		
d	प्रवेशद्वारावर 100 एएमपी एमसीसीबी प्रदान करणे आणि फिक्स करणे, ज्यात इंस्टॉलेशन, वायरिंग, क्रिम्पिंग इत्यादींचा समावेश आहे, पूर्ण. एकल स्विच प्रणालीसाठी आणि शाखेच्या प्रवेशद्वाराच्या बाहेरील दर्शकाचा प्रकाश लावण्याची व्यवस्था	1	nos		
	एल. ई. डी. फिक्स्चर्स				
a	32-40 वॅट्स, किमान 2800 ल्युमेन्स एलईडी स्क्वेअर आकार 600X600X80 मिमी (अंदाजे): पीएचआयआर>80, पीएचएफ>0.9 फिलिप्स मेक किंवा समतुल्यच्या साध्या जिप्सम सीलिंग आणि ग्रिड सीलिंगसाठी मंजूर केलेल्या मेकचे	19	nos		
b	15 वॅट डाउन लाईट फिलिप्स किंवा समतुल्य प्रदान करणे आणि फिक्स करणे	12	nos		
c	32-40 वॅट्स, 4 फूट लांबीचा एलईडी ट्यूब दिवा भिंत, छतासाठी	4	nos		
d	एक्झॉस्ट पंखा/भिंतीवरील पंखा प्रदान करणे आणि बसवणे	4	nos		
e	4' व्यासाच्या मंजूर केलेल्या फॅनची छतावरील फॅन बसवणे आणि फॅनिंगसाठी अँकर बोल्ट, आवश्यक असल्यास, फॅन फिक्सिंगसाठी हुक, रेग्युलेटर फिक्सिंग आणि इंस्टॉलेशन पूर्ण	6	nos		
	दूरध्वनी आणि संगणक बिंदू: इनपुट/आउटपुट:				
a	शटर मॉड्यूलर प्रकार I/O च्या सिंगल आउटलेटसह आउटलेट्स (आरजे 45) आवश्यकतेनुसार पूर्ण केलेल्या योग्य आकाराच्या पीव्हीसी मॉड्यूलर बॉक्ससह	10	nos		
b	आवश्यकतेनुसार पूर्ण केलेल्या योग्य आकाराच्या पी. व्ही. सी. मॉड्यूलर बॉक्ससह शटर मॉड्यूलर प्रकाराचे सिंगल आउटलेट टेलिफोन आउटलेट (आरजे 11).	10	nos		
c	खालील कारखान्यात तयार केलेल्या पॅच कॉर्ड्सचा पुरवठा आणि प्रतिष्ठापना (एसटीपी-कॅट 6) दोन्ही बाजूंनी जोडणी आणि बूटसह				
	दोन मीटर लांबी	10	nos		
	एक मीटर लांबी	10	nos		
e	डेटा आणि टेलिफोनसाठी कॅट6 केबल	800	mtr		
	24-पोर्ट कॅट6 अनशिल्डेड वॉलमाउंट किंवा रॅकमाउंट पॅच पॅनल, डीएलईक	1	nos		
	इलेक्ट्रिकल आणि डेटा केबलिंग कामासाठी एकूण		(C)		-
D	वातानुकूलन काम - कमी बाजूचे काम - फक्त प्रतिष्ठापना				
	हायवॉल प्रकारातील स्प्लिट एयर कंडीशनर - फक्त स्थापना				
a	विभाज्य प्रकारच्या कॅसेट वातानुकूलकाची प्रतिष्ठापना				
	वास्तविक क्षमता - 1.5 टीआर	5	Nos		
b	आवश्यकतेनुसार एसी युनिट जोडणीसाठी खालील तांब्याच्या कंडक्टर केबलचा पुरवठा आणि फिक्सिंग इत्यादी				
	अंतर्गत युनिटपासून बाह्य युनिटपर्यंत 4 कोर x2.5 चौ.मी. संपर्क केबल.	25	RMT		
c	9 मिमी जाडीच्या इन्सुलेशनसह एडी करंट मुक्त तांबे पाईपिंग कामासह रेफ्रिजरंट वायू पाईपिंगचा पुरवठा, प्रतिष्ठापना, चाचणी आणि कमिशनिंग				

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	विभाजित एसीसाठी तांब्याच्या पाइपिंग 1.50 टीआर	25	RMT		
h	आवश्यक क्लॅम्प, सपोर्ट, हॅंगर जसे की बेंड, टी, रिज्यूसर इत्यादींसह कंडेनसेट ड्रेन वॉटर पाइपिंगचा पुरवठा, स्थापना, चाचणी आणि कमिश्निंग, रासायनिक क्रॉस-लिंग्ड क्लोज्ड सेल पॉलीथिलीन फोमसह योग्यरित्या इन्सुलेटेड.				
	इन्सुलेशनसह 25 मिमी व्यास पाईप	25	RMT		
i	तयार केलेले आउटडोअर स्टँड इपॉक्सी कोटेड.				
j	विभाजित एसी 1.5 टीआर	5	Nos		
k	नागरी काम	1	Lot		
	वातानुकूलन कामासाठी एकूण - कमी बाजूचे काम			(D)	-
	नूतनीकरणाच्या कामासाठी एकूण रक्कम	(A+B+C+D)			-
	Add GST	18%			-
	G. Total				-
	(In Words:-)				

Renovation of Pachora Branch under Jalgaon RO - Estimate

S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATES	AMOUNT
A	Civil work				
1	पेंटिंग के साथ सादा जिप्सम बोर्ड: 12.5 मिमी मोटी जिप्सम बोर्ड (इंडिया जिप्सम) से बनी निलंबित झूठी छत प्रदान करना और उसे लगाना, जो जीआई फ्रेमवर्क पर निलंबित है। जीआई फ्रेमवर्क में छत की झूठी छत की परिधि के साथ 0.55 मिमी मोटी 20 मिमी x 30 मिमी की जीआई परिधि चैनल शामिल होंगे, जो दीवार/विभाजन पर नायलॉन स्लीव्स और स्कू @ 600 मिमी सी/सी के साथ स्कू से फिक्स्ड होंगे। 0.55 मिमी मोटी 25 मिमी x 10 मिमी के छत कोण के साथ अधिकतम 1220 मिमी सी/सी पर सोफिट से 0.9 मिमी मोटी 45 मिमी x 15 मिमी के जीआई मध्यवर्ती चैनल निलंबित हैं, जो मालिकाना आपूर्ति किए गए जीआई क्लीट्स और स्टील विस्तार फास्टरों का उपयोग करके सोफिट पर फिक्स्ड हैं। बोर्डों को मालिकाना आपूर्ति की गई जॉइंटिंग टेप और जॉइंटिंग कंपाउंड के साथ समाप्त किया जाना है और एक चिकनी और निर्बाध फिनिश प्राप्त करने के लिए सैंड पेपर किया जाना है और जिप्सम बोर्ड के लिए उपयुक्त ऐक्रेलिक पेंट के 2 कोट बैंक की संतुष्टि के साथ। आर्किटेक्ट द्वारा निर्देशित के रूप में पूर्ण प्रकाश जुड़नार, स्मोक डिटेक्टर और अन्य सेवाओं के कट-आउट के लिए आवश्यक सभी ऊर्ध्वाधर कट-आउट शामिल करने के लिए उद्धृत दर।	27	SQM		
2	ग्रिड फॉल्स सीलिंग/मॉड्यूलर फॉल्स सीलिंग: निलंबित फॉल्स सीलिंग प्रदान करना और फिक्स करना जिसमें शामिल हैं: स्वीकृत मेक मॉड्यूलर सीलिंग टाइल: क्लासिक लाइट आरएच 95; सस्पेंशन सिस्टम सुप्राफाइन 15 () फॉल्स सीलिंग को केवल क्षैतिज तल पर मापा जाएगा। क्षैतिज तल माप में सभी ऊर्ध्वाधर ड्रॉप, एज मोल्टिंग, फासिया आदि शामिल होंगे। आर्किटेक्ट द्वारा निर्देशित सभी कट-आउट शामिल करने के लिए उद्धृत दर। प्रकाश जुड़नार, स्मोक डिटेक्टर और अन्य सेवाओं के कट-आउट को पूरा करने के लिए परिधि चैनलों से बने समर्थन ढांचे की लागत को शामिल करने के लिए उद्धृत दर। साथ ही जिपबोर्ड फॉल्स सीलिंग और मॉड्यूलर ग्रिड टाइल सीलिंग के बीच जंक्शन पर मॉड्यूलर ग्रिड सीलिंग अनुभागों का समर्थन करने के लिए आवश्यक रूप से छिपे हुए परिधि चैनल समर्थन प्रदान करना।	72	SQM		
TOTAL FOR CIVIL WORK				(A)	-
B	Carpentry work				
1	पी/एफ सॉलिड पार्टिशन पूर्ण ऊंचाई - एल्यूमीनियम क्रॉस सेक्शन/2"x1 1/2" साल्वुड सेक्शन फ्रेमवर्क 2'-0" दोनों तरफ से एंटीटर्मिट घोल के साथ उपचारित, 8 मिमी मोटी कमर्शियल प्लाई वुड से ढका/आंशिक रूप से 1 मिमी मोटी अनुमोदित आकार और छाया वाले ग्लेज़ड/पैनल के अंदर 1.5 मिमी मोटी खांचों के साथ पैनल पर माइका फिक्सिंग डिजाइन के अनुसार पैनल में स्विच बोर्ड, बॉक्स और यदि आवश्यक हो तो कंड्यूट ले जाने के लिए फ्रेम में कट के प्रावधान के साथ और निविदा विनिर्देश में दिए गए बैंक के रंग योजना के अनुसार छाया और रंग के बाहरी चेहरे पर 1.0 मिमी लैमिनेट को डिजाइन में 8 मिमी ग्लास के साथ दिया जाना चाहिए यदि आवश्यक हो। खुले किनारों को आवश्यक आकार और डिजाइन के सागौन लकड़ी के मोतियों से अवरुद्ध किया जाना है। निर्देशानुसार आवश्यक अतिरिक्त समर्थन के साथ आवश्यक ऊंचाई/स्तरों पर विभाजन ढांचे पर सभी विद्युत, नेटवर्किंग बक्सों के लिए सभी प्रावधान किए जाने हैं। यदि कांच प्रदान किया जाता है, तो दर में कांच फिल्म प्रदान करना और उसे लगाना शामिल होगा।	43.041	SQM		

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2	पी/एफ सॉलिड पार्टिशन 1200 मिमी ऊंचाई - एल्यूमीनियम क्रॉस सेक्शन/2"x1 1/2" साल्वुड सेक्शन फ्रेमवर्क 2'-0" सी/सी दोनों तरफ एंटीटर्मिट घोल के साथ उपचारित, 8 मिमी मोटी कमर्शियल प्लाई वुड से ढका/1 मिमी मोटी लैमिनेट के साथ आंशिक रूप से ग्लेज्ड/पैनल के अंदर 1.5 मिमी मोटी खांचों के साथ डिजाइन के अनुसार पैनल में ओपनिंग का प्रावधान यदि आवश्यक हो तो स्विच बोर्ड, बॉक्स के लिए पैनल में कट और यदि आवश्यक हो तो कंड्यूट ले जाने के लिए फ्रेम में कटिंग और निविदा विनिर्देश में दिए गए बैंक की रंग योजना के अनुसार छाया और रंग के बाहरी चेहरे पर 1.0 मिमी लैमिनेट को लगाने के लिए आवश्यक है। डिजाइन में 8 मिमी ग्लास दिया जाना चाहिए यदि आवश्यक हो। खुले किनारों को आवश्यक आकार और डिजाइन की सागौन लकड़ी के मोतियों से ब्लॉक किया जाना है। सभी प्रावधानों को निर्देशित के अनुसार आवश्यक अतिरिक्त समर्थन के साथ आवश्यक ऊंचाई/स्तर पर विभाजन ढांचे पर सभी विद्युत, नेटवर्किंग बॉक्स के लिए किया जाना है।	8.46	SQM		
5	पी/एफ पूर्ण ऊंचाई भंडारण - 450 मिमी गहराई की पूर्ण ऊंचाई भंडारण इकाई प्रदान करना और उसे खड़ा करना, जिसे 18 मिमी मोटी वाणिज्यिक प्लाई बॉक्स से बनाया गया है, जिसे 1 मिमी मोटी अनुमोदित शेड के लैमिनेट से पूरा किया जाएगा। आवश्यक गहराई की 18 मिमी अलमारियाँ और 15" अंतरालों पर प्रदान की जानी हैं। भंडारण और अलमारियों को फ्रेंच पॉलिश से पूरा किया जाना है। अलमारियों के किनारों को सागौन की लकड़ी की बेडिंग से पूरा किया जाना है और लैमिनेट शेड से मेल खाने वाली रंगीन पॉलिश से पूरा किया जाना है। दर में सभी आवश्यक हार्डवेयर जैसे चुंबकीय कैच, छिपा हुआ डेड लॉक, एसएस हैंडल 6"/9", एसएस कब्जे आदि शामिल होंगे	18.816	SQM		
6	पी/एफ कम ऊंचाई भंडारण (0.75 मीटर ऊंचाई) - 450 मिमी गहराई की कम ऊंचाई भंडारण इकाई प्रदान करना और उसे स्थापित करना, जिसे 18 मिमी मोटी वाणिज्यिक प्लाई बॉक्स से बनाया गया है, जिसमें शटर होगा और जिसे अनुमोदित शेड के 1 मिमी मोटी लैमिनेट से पूरा किया जाएगा। आवश्यक गहराई की 18 मिमी की अलमारियाँ और 15" के अंतरालों पर प्रदान की जानी हैं। भंडारण और अलमारियों को फ्रेंच पॉलिश से पूरा किया जाना है। अलमारियों के किनारों को सागौन की लकड़ी की बेडिंग से पूरा किया जाना है और लैमिनेट शेड से मेल खाने वाली रंगीन पॉलिश से पूरा किया जाना है। दर में सभी आवश्यक हार्डवेयर जैसे चुंबकीय कैच, छिपा हुआ डेड लॉक, एसएस हैंडल 6"/9", एसएस कब्जे आदि शामिल होंगे (1 बीएच केबिन, 1 डब्ल्यूएस नंबर 5 के लिए)	6.98	SQM		
7	पी/एफ ठोस फ्लश ग्लास के साथ दरवाज़ा। दरवाज़े में डिज़ाइन के अनुसार 0.3 मी x 1.5 मी आकार का एक ग्लास पैनल लगाया जाएगा। सभी सामग्री अनुमोदित ब्रांड की है। दरवाज़े का आकार 750x2100 और 900 x 2100 - ड्राइंग में दर्शाए गए अनुसार अनुमोदित शेड के 1.0 मिमी मोटी लैमिनेट के साथ दोनों तरफ से तैयार किया गया 40 मिमी मोटा ठोस कोर फ्लश दरवाज़ा कारखाना से बनाया गया है। शटर को सभी तरफ से 12 मिमी मोटी सागौन लकड़ी के बीडिंग के साथ लिप्ड किया जाना है। नीचे उल्लिखित हार्डवेयर सहित विस्तृत ड्राइंग के अनुसार आवश्यकतानुसार निम्नलिखित दरवाज़ों के लिए लागू हार्डवेयर पर विचार किया जाना चाहिए-दरवाज़ा क्लोजर, एसएस बॉल बेयरिंग कब्जे, एसएस फुट ऑपरेटड डोर स्टॉपर, एसएस मोर्टिज़ लैच लॉक/छिपा डेड लॉक, एसएस मोर्टिज़ हैंडल, ग्लास पैनल पर ग्लास फिल्म आदि (सर्वर रूम और इलेक्ट्रिक रूम)	4	nos		

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	पी/एफ सॉलिड फ्लश डोर (विकेट गेट)। सभी सामग्री अनुमोदित ब्रांड की है। दरवाजे का आकार 750x1200 - ड्राइंग में दर्शाए अनुसार अनुमोदित शेड के 1.0 मिमी मोटी लैमिनेट के साथ दोनों तरफ से तैयार, 40 मिमी मोटी ठोस कोर फ्लश डोर फैक्ट्री में निर्मित, तैयार किया गया है। शटर को सभी तरफ से 12 मिमी मोटी सागौन लकड़ी के बीडिंग के साथ लिप्ड किया जाना है। नीचे उल्लिखित हार्डवेयर सहित विस्तृत ड्राइंग के अनुसार आवश्यकतानुसार निम्नलिखित दरवाजों के लिए लागू हार्डवेयर पर विचार किया जाना है- डोर क्लोजर, एसएस बॉल बेयरिंग हिंज, एसएस फुट ऑपरेटेड डोर स्टॉपर, एसएस मोर्टाईज लैच लॉक/छुपा डेड लॉक, एसएस मोर्टाईज हैंडल, ग्लास पैनल पर ग्लास फिल्म आदि (सर्वर रूम और इलेक्ट्रिक रूम)	3	NOS		
8	विभाजन के साथ पी/एफ वर्क स्टेशन - 600 मिमी x 1900 से 2100 मिमी आकार के वर्क स्टेशन का प्रावधान और फिक्सिंग और विभाजन के हिस्से की ऊंचाई 1200 होनी चाहिए। और चौड़ाई 750 मिमी। टेबल और विभाजन 18 मिमी मोटी वाणिज्यिक प्लाई से बनाया जाएगा और टेबल टॉप की मोटाई 36 मिमी होगी। सभी बाहरी सतहों को अनुमोदित छाया के 1 मिमी मोटी लैमिनेट के साथ समाप्त किया जाएगा। टेबल के किनारे को लैमिनेट के रंग से मेल खाने वाले गोल आकार में सागौन की लकड़ी की डोरी से पूरा किया जाएगा। टेबल को टेलिस्कोपिक चैनल के साथ माउस के लिए अटैचमेंट के साथ एक कीबोर्ड दराज प्रदान किया जाएगा। टेबल के नीचे रखे भंडारण बॉक्स को 15" की चौड़ाई और टेबल टॉप की गहराई के साथ प्रदान किया जाएगा। भंडारण 4" ऊंचाई और नीचे शटर के साथ प्रदान किया जाएगा। भंडारण में 18 मिमी की मोटाई की एक शेल्फ प्रदान की जाएगी। सभी आंतरिक सतहों को फ्रेंच पॉलिश से तैयार किया जाएगा और बाहरी सतहों को अनुमोदित छाया के 1 मिमी मोटाई वाले लैमिनेट से तैयार किया जाएगा। प्रत्येक टेबल के लिए एक सीपीयू प्लेटफॉर्म और एक फुटरेस्ट प्रदान किया जाएगा। टेबल टॉप पर एक केबल मैनेजर प्रदान किया जाएगा। दर में चैनल, एसएस कब्जे, एसएस 3" हैंडल, ताले, फिक्सिंग और इरेक्शन आदि जैसे हार्डवेयर शामिल होंगे	7	nos		
9	विभाजन के साथ पी/एफ नकद केबिन - 1800 2100 मिमी के समग्र आकार के नकद केबिन का प्रावधान और फिक्सिंग. 600 मिमी की चौड़ाई और नकद केबिन के छोटे पक्ष के बराबर लंबाई का कार्य स्टेशन। विभाजन की ऊंचाई 2100 मिमी होनी चाहिए, विभाजन को सख्त कांच और आवश्यकतानुसार कटआउट के साथ प्रदान किया जाना चाहिए। टेबल और विभाजन 18 मिमी मोटी वाणिज्यिक प्लाई से बनाया जाएगा और टेबल टॉप की मोटाई 36 मिमी होगी। सभी बाहरी सतहों को अनुमोदित छाया के 1 मिमी मोटी लैमिनेट के साथ समाप्त किया जाएगा। टेबल के किनारे को लैमिनेट के रंग से मेल खाने वाले गोल आकार में सागौन की लकड़ी की डोरी से पूरा किया जाएगा। टेबल को टेलिस्कोपिक चैनल के साथ माउस के लिए अटैचमेंट के साथ एक कीबोर्ड दराज प्रदान किया जाएगा। टेबल के नीचे रखे भंडारण बॉक्स को 15" की चौड़ाई और टेबल टॉप की गहराई के साथ प्रदान किया जाएगा। भंडारण 4" ऊंचाई और नीचे शटर के साथ प्रदान किया जाएगा। भंडारण में 18 मिमी की मोटाई की एक शेल्फ प्रदान की जाएगी। सभी आंतरिक सतहों को फ्रेंच पॉलिश से तैयार किया जाएगा और बाहरी सतहों को अनुमोदित छाया के 1 मिमी मोटाई वाले लैमिनेट से तैयार किया जाएगा। प्रत्येक टेबल के लिए एक सीपीयू प्लेटफॉर्म और एक फुटरेस्ट प्रदान किया जाएगा। टेबल टॉप को एक केबल मैनेजर के साथ प्रदान किया जाएगा कैश केबिन को क्रॉस जाली के एल्युमिनियम जाली से ढका जाएगा जिसमें क्रॉस जाली के बीच न्यूनतम 2" 2" की दूरी होगी। दर	1	nos		

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	में चैनल, एसएस कब्जे, एसएस 3" हैंडल, ऑटोमेटिक लॉक, फिक्सिंग और इरेक्शन आदि शामिल होंगे।				
10	पी/एफ शाखा प्रमुख क्यूबिकल एल-आकार में 35 मिमी मोटी शीर्ष और कंकाल यानी सामने, 18 मिमी मोटी कमर्शियल प्लाई के साथ साइड स्टैंप के साथ आकार में 1 मिमी मोटी लैमिनेट के साथ उपलब्ध कराया जाएगा। आकार की टेबल टॉप 1.80 मीटर x 0.75 मीटर और साइड टेबल का आकार 1.05 मीटर x 0.45 मीटर होगा। साइडटेबल को समान आकार के नीचे शटर के साथ भंडारण के साथ प्रदान किया जाएगा और भंडारण में एक शेल्फ प्रदान किया जाएगा। 3 दराजों के साथ टेबल टॉप के नीचे दराजों वाला एक पेडस्टल चेस्ट प्रदान किया जाएगा। सभी आंतरिक सतहों को फ्रेंच पॉलिश के साथ समाप्त किया जाएगा और बाहरी सतहों को अनुमोदित शेड के 1 मिमी मोटी लैमिनेट के साथ समाप्त किया जाएगा। < एसएस कब्जे, बोर्ड ट्रे, सीपीयू पेडस्टल, फुट रेस्ट, एसएस कब्जे, कीबोर्ड ट्रे, सीपीयू पेडस्टल, फुट रेस्ट, एसएस हैंडल 3", चुंबकीय कैच, लॉक, एल्यूमीनियम आदि पूर्ण	1	nos		
12	आवश्यक लंबाई (कम से कम 1200 मिमी) के अनुसार लेखन डेस्क प्रदान करना और उसे ठीक करना, जिसमें बैंक स्लिप बॉक्स, चेक ड्रॉप बॉक्स, शिकायत बॉक्स, 1500 1200 मिमी आकार का सॉफ्ट बोर्ड शामिल है, साइट की आवश्यकता के अनुसार	1	LS		
TOTAL FOR CARPENTRY WORK				(B)	-
C	Electrical and Data cabling Work				
	Electrical Work				
1	वायरिंग (आपूर्ति, फिक्सिंग, परीक्षण और संचार आदि) प्रदान करना प्रकाश बिंदु/निष्कासन पंखा बिंदु/पंखा बिंदु/6ए कॉल बेल बिंदु 2x1.5+1X1.5 वर्ग मिमी एफआरएलएस के साथ स्विच-सॉकेट पॉइंट आदि				
a	प्राथमिक प्रकाश बिंदु प्रदान करना और ठीक करना	25	nos		
b	द्वितीयक प्रकाश बिंदु प्रदान करना और ठीक करना (अधिकतम प्राथमिक से दो बिंदुओं को लूप किया जाना है)	18	nos		
c	SPECIAL POINTS: (UPS DB TO WORKSTATIONS)				
	निम्नलिखित की आपूर्ति, फिक्सिंग, परीक्षण और कमीशनिंग कवर प्लेट, शीट स्टील के साथ मॉड्यूलर प्रकार का स्विच सॉकेट सतह/छिपे हुए तरीके से बॉक्स आदि/विद्युत 2 88881 वर्ग मिमी + 2.5 वर्ग मिमी एफआरएलएस पीवीसी के साथ वायरिंग इंसुलेटेड कॉपर कंडक्टर सिंगल कोर मल्टी स्ट्रैंडेड कठोर एमएमएस ग्रेड पीवीसी नाली में तार सतह/. पर बेंड, जंक्शन बॉक्स आदि जैसे एक्सेसरीज़ विस्तारित तरीके आदि (डीबी/स्रोत से वायरिंग) बोर्ड/गंतव्य) और सभी नुकसानों की भरपाई करना, पेंटिंग, साइट की सफाई आदि आवश्यकतानुसार पूरी की जाती है प्रति साइट आवश्यकता और जैसा निर्देशित किया गया है				
	1 संख्या 16 ए स्विच + 3 संख्या 6 ए, 5 पिन सॉकेट।	12	nos		
	AC POINT				
a	25 एम्पियर पॉइंट प्रदान करना और ठीक करना	5	nos		
b	एसी पॉइंट के लिए 4 वर्गमीटर तार प्रदान करना और बिछाना	800	mtr		

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	DB PANEL				
a	एसी, कच्चे माल और प्रकाश व्यवस्था के लिए 63ए 4पी एमसीबी और 25 ए एसपी एमसीबी के साथ 12-वे एसपीएन डीबी प्रदान करना और ठीक करना	4	nos		
b	इनपुट और आउटपुट यूपीएस और इन्वर्टर डीबी प्रदान करना और ठीक करना	2	nos		
c	मीटर से डीबी तक छिपे हुए कंड्यूट 2x6 वर्ग मिमी + 2.5 वर्ग मिमी तार प्रदान करना और बिछाना	30	mtr		
d	प्रवेश द्वार पर 100 एएमपी एमसीसीबी प्रदान करना और फिक्स करना, जिसमें इंस्टॉलेशन, वायरिंग, क्रिम्पिंग आदि शामिल हैं, पूर्ण। एकल स्विच प्रणाली के लिए और शाखा प्रवेश के बाहर संकेतक प्रकाश की व्यवस्था	1	nos		
	LED FIXTURES				
a	32-40 वाट, न्यूनतम 2800 ल्यूमेन एलईडी स्क्वायर आकार 600 600 80 मिमी (लगभग): फिलिप्स मेक या समकक्ष के सादे जिप्सम छत और ग्रिड छत के लिए अनुमोदित मेक का CRI>80, पीएफ> 0.9	19	nos		
b	15 वाट डाउन लाइट फिलिप्स या समकक्ष प्रदान करना और ठीक करना	12	nos		
c	32-40 वाट, दीवार, छत के लिए 4' लंबाई एलईडी ट्यूब लाइट	4	nos		
d	निकास पंखा/दीवार पंखा प्रदान करना और ठीक करना	4	nos		
e	4' व्यास के अनुमोदित मेक के पंखे को प्रदान करना और ठीक करना, यदि आवश्यक हो तो एक्सटेंशन रॉड, एंकर बोल्ट, पंखे को फिक्स करने के लिए हुक, रेगुलेटर फिक्सिंग और इंस्टॉलेशन पूरा करना	6	nos		
	Telephone & COMPUTER POINT : I / O's :				
a	शटर मॉड्यूलर प्रकार के आउटलेट (आरजे) के साथ एकल आउटलेट 45) उपयुक्त आकार के पीवीसी मॉड्यूलर बक्से के साथ पूर्ण आवश्यक"	10	nos		
b	शटर मॉड्यूलर प्रकार के टेलीफोन आउटलेट (आरजे 11) के साथ एकल आउटलेट, उपयुक्त आकार के पीवीसी मॉड्यूलर बॉक्स के साथ, आवश्यकतानुसार पूरा किया गया।	10	nos		
c	निम्नलिखित कारखाने में निर्मित की आपूर्ति और स्थापना कनेक्टरों और के साथ पैच कॉर्ड (एसटीपी-सीएटी 6) दोनों तरफ बूट।				
	दो मीटर लंबाई	10	nos		
	एक मीटर लंबाई	10	nos		
e	डेटा और टेलीफोन के लिए कैटलॉग 6 केबल	800	mtr		
	24-पोर्ट कैट6 अनशील्डेड बॉलमाउंट या रैकमाउंट पैच पैनल, डीलिक	1	nos		
	TOTAL FOR ELECTRICAL AND DATA CABLING WORK	(C)			-
D	एयर कंडीशनिंग कार्य - निम्न पक्ष कार्य - केवल स्थापना				
	हिवाँल प्रकार स्प्लिट एयर कंडीशनर - केवल इंस्टॉलेशन				
a	व्यक्तिगत स्प्लिट प्रकार कैसेट एयर कंडीशनर मानक आकार की स्थापना				
	वास्तविक क्षमता - 1.5 टीआर	5	Nos		

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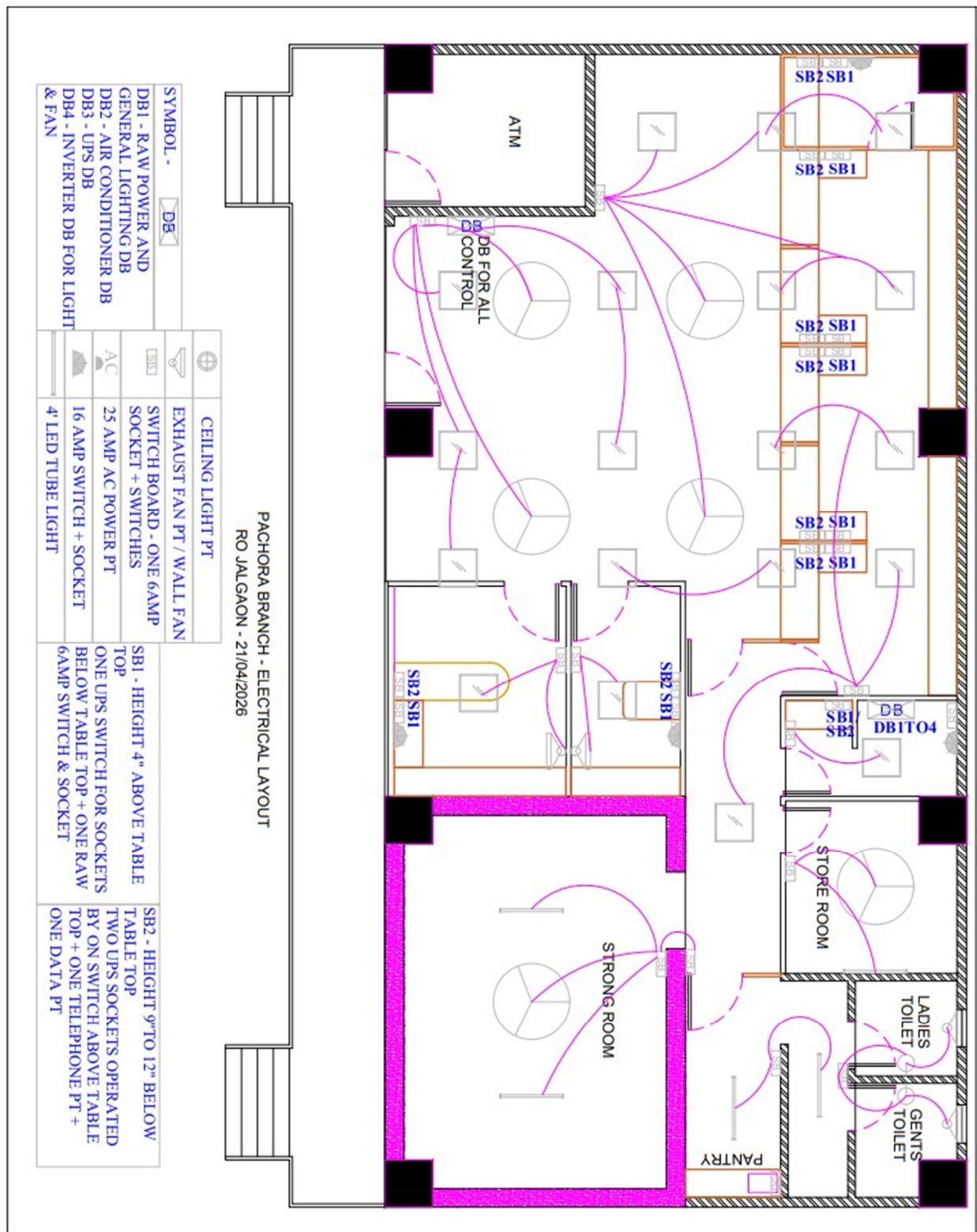
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b	एसी यूनिट कनेक्शन के लिए आवश्यक कॉपर कंडक्टर केबल की आपूर्ति और फिक्सिंग आदि				
	4 कोर x 2.5 वर्ग मीटर संचार केबल इनडोर यूनिट से आउटडोर यूनिट तक।	25	RMT		
c	9 मिमी मोटी इन्सुलेशन के साथ एडी करंट मुक्त तांबे की पाइपिंग का उपयोग करके रेफ्रिजरेंट गैस पाइपिंग की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग				
	स्प्लिट एसी के लिए कॉपर पाइपिंग 1.50 टीआर	25	RMT		
h	कंडेनसेट ड्रेन वाटर पाइपिंग की आपूर्ति, स्थापना, परीक्षण और कमीशनिंग आवश्यक क्लैम्प, सपोर्ट, हैंगर जैसे कि बेंड, टीज़, रिड्यूसर आदि के साथ 9 मिमी मोटी रासायनिक रूप से क्रॉस-लिंकड बंद सेल पॉलीइथाइलीन फोम के साथ उचित रूप से इंसुलेटेड।				
	इन्सुलेशन के साथ 25 मिमी व्यास का पाइप	25	RMT		
i	रेडीमेड आउटडोर स्टैंड एपॉक्सी कोटेड।				
j	स्प्लिट एसी 1.5 टीआर	5	Nos		
k	सिविल कार्य	1	Lot		
Total for AIR CONDITIONING WORK - Low Side work				(D)	-
Total for Renovation work		(A+B+C+D)			-
Add GST		18%			-
G. Total					-

(In Words:-
)

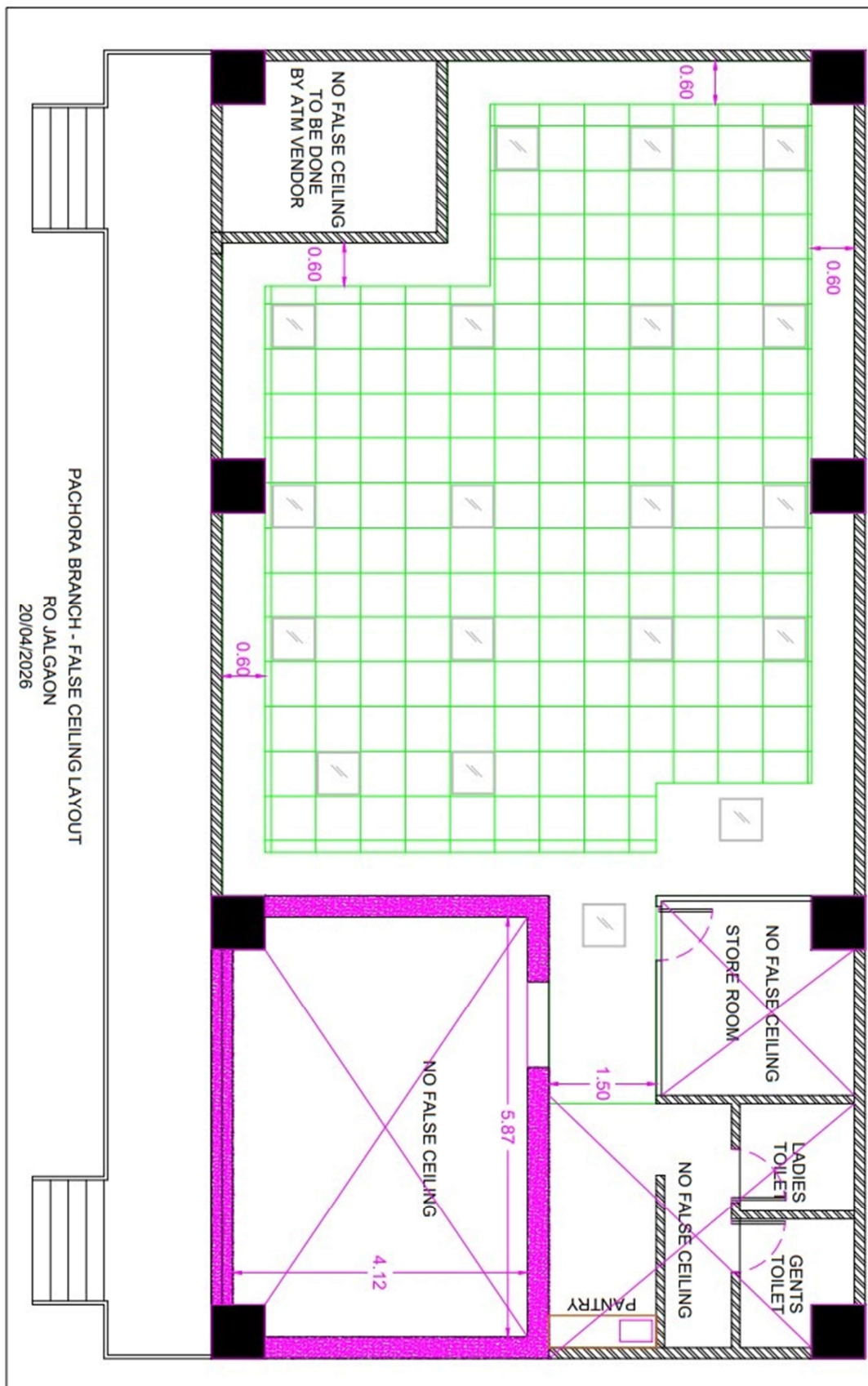
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