



UNITED INDIA INSURANCE COMPANY LIMITED

**A Government of India Enterprise
Estate Department – Regional Office
Suraj Plaza II –Building, 5th Floor, Sayajigunj,
Vadodara – 390 020**

Phone No: 0265-2361257, 2361014, 2363215

“ United India Insurance Company “ a Government of India Enterprise, Invite open tender for Interior Furnishing Works, Electrical works, Data cabling works and Air conditioning works etc at our New Premises Business Office 2 Surat having carpet area of 1350 sq.ft. Interested Parties may download tender documents from “ Tender/RFP “ Tab on our Company’s Website www.uiic.co.in Completed bids should reach the aforementioned Address on or before 24.02.2025 by 15.00 Hrs.



Tender For Interior Furnishing, Electrical , Data cabling, Air Conditioning works United India Insurance
at Shop No 137 Fortune Heights , Adajan Surat

Sealed Tenders in two bid system are invited for INTERIOR FURNISHING, ELECTRICAL, DATACABLING, AIR CONDITIONING WORK at Shop No. 137 Fortune Heights , Adajan Surat .for United India insurance Company Limited Business Office 2 Surat on or before 24.02.2025 hours -15.00 Hrs.

Technical Bids will be opened at RO Vadodara 16.00 hours on 24.02.2025 and after evaluation of Technical bids, Financial Bids in respect of qualified Technical Bidders will be opened at RO Vadodara .that we will intimate bidders by mail.

Offerers or their authorized representatives may be present at the time of opening of the price bids.

The Tenders may be submitted in the following manner:

Envelope No. 1 (EMD & Technical Bid):

Bid to be submitted in prescribed proforma along with Earnest money deposit of **Rs.30000/- (Rupees Thirty Thousand only)** payable to United India Insurance Company Limited by Demand Draft or Banker's cheque payable at Vadodara. The Tenderer must also submit the Mandatory information strictly in United India Insurance prescribed proforma. Technical pre-qualification of the tendered will be based on the Mandatory information and supporting documents submitted along with the tender documents as well as Architect/Consultant/United India Insurance Scrutiny of the same and / or inspection of works carried out by the Tenderer. United India Insurance reserves the right to accept or reject any tender without assigning any reason whatsoever. Tenderers who have executed works for United India Insurance Company Limited, **Vadodara** Region in the last 3 financial years need to submit only the Mandatory Information and need not submit the supporting documents viz: Copies of the work orders, financial statements.

Envelope No. 2 (Commercial Bid):

Commercial bid should contain relevant price information and the rates should be quoted in Indian Rupees only. GST if any should be quoted separately. Please note to submit Commercial bid in separate sealed envelope and it should be superscribed "Commercial Bid".

Bids received in any form other than in United India Insurance prescribed proforma will be disqualified. Sealed tenders, in duplicate in the prescribed tender form, with the tender fees and EMD, along with the Mandatory information etc. and commercial bid (in Separate Envelope 1 & 2), should be addressed to "**The Chief Regional Manager, United India Insurance Company Limited - Regional Office, 5th floor, Suraj Plaza 2, Sayajigunj, Vadodara – 390020** superscribed "**Tender for Interior Furnishing, Electrical, Data cabling & Air conditioning works for our proposed new branch at Shop No. 137 Fortune Heights , Adajan Surat** . Tenders should be submitted to the office not later than **15.00 hours on 24.02.2025**

Important - Pre Qualification Condition: Parties who have not executed at least one similar work of **80% of cost (i.e.Rs.13,00,000/-)**, two works of 50% cost (i.e.Rs.8,00,000/-) or three works of 40% cost (i.e.Rs.6,50,000/-) of the estimated cost satisfactorily during last three years and does not have any office / site or presence in and around the town or district / state in which the project is located need not respond. Annual average turnover for last 3 years should not be less than 30% (i.e.Rs.5,00,000/-) of the project cost. **Vendor must be ISO/Greenguard certified and should preferably have all India presence.**

Defect liability and free maintenance period shall be twelve months from the date of virtual completion of the works. Validity of offer shall be 90 days from the date of opening of the tender. The United India Insurance does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all tenders, either in whole or in part, without assigning any reason for doing so.

Tenders are to be on the prescribed form which can be downloaded from United India Insurance website www.uiic.co.in. All pages of both Technical bid and commercial bid are to be signed with seal and date by the bidder.

The Chief Regional Manager (CRM)

Vadodara Region

Date : 11.02.2025

CONDITIONS OF CONTRACT

1. The work involves supply and fixing of items of Civil, Furniture, Electrical & & Other Miscellaneous works.
2. The tenderers should visit the site before completing the tender and should make acquainted with the local prevailing site conditions.
3. The tender must be accompanied by the following papers :
 - (a) D.D./Banker's Cheque of Earnest Money deposit of **Rs.30000/-in favour of the United India Insurance, Payable at Vadodara** to be submitted along with the tender.
 - (b) Details of works on hand with their estimated value of the bank and other works.
4. Any tender which is not accompanied by D.D./Banker's Cheque of earnest money deposit will be rejected. The earnest money deposit of the unsuccessful tenderer will be returned latest within one month from the date of opening of the tender. The earnest money deposit of the successful tenderer will be converted into security deposit after they have fully paid additional security deposit of 1% and obtained the work order. The Security Deposit will be considered on the basis of final amount of the successful contractor.
5. The earnest money deposit of the successful tenderer will be liable to be forfeited as damage in the event of any, refusal or delay on the part of contractor to the start work on signing the contract and issuing work order.
6. The Security Deposit will be as mentioned hereunder:
 - (a) 2% as earnest money will be converted into security deposit at the time of work order.
 - (b) Rest 3% from the running bills and final bills.
 - (c) Retention from each bill is 5%Thus total security deposit will be 5%. No interest will be paid over the same.
7. The Security deposit will be returned to the contractor, on completion of the "defect liability period" subject to condition, no defects or leakage were founding the completed building, on issue of "Release Certificate for Security Deposit" by the Architect-Engineer. If during this period (Defects liability period) the contractor fails to rectify the defects as instructed by the Architect-Engineer, the said Architect-Engineer will have all the liberty to get the work completed through other Agencies if the contractor who has carried out the work fails to rectify the work. The cost incurred for such rectification work will be deducted from the contractor's security deposit. The defect liability period will commence from the date of certificate as issued by the architect engineer for the final bill. The Security deposit will not bear any interest.
8. The entire tender set consisting of Conditions of contract, Specifications of material, Bill of Quantities, etc. will form the part of the contract.
9. There should be no over writing in the tender. No page of this total tender or part thereof should be removed or modified. The contractor should fill up the tender with blue colour only and should mention the rates in words and figures both.

10. The Insurance company and architect-engineer reserve the right for rejecting any or all the tender without assigning any reason thereof.
11. No conditional tender will be accepted.
12. The quantities shown in the tender can vary to any extent. The contractor cannot take any objection for any variation in the quantity at the time of execution of work. The contractor will have to carry out the additional work pertaining to the said building, if required, during the execution stage, under the instructions of owner and/or Architect- Engineer.
13. The contractor will hand over the completed work to the owner, after it is fully completed, after cleaning the site and locality, affected due to the work.
14. The part payments made to the contractor for his Running Bill will be considered as an adhoc payment against the final bill.
15. The contractor will have to furnish detailed rate analysis of materials and labour for such nontender items. The rates of non-tendered items will be considered by the architect-engineer on the basis of rate – analysis and prevailing market rates of such items. The decision of the architect engineer for the rates of non-tender item will be final and binding to the contractor.
16. **DETAILS OF TIME LIMIT, PENALTY ETC.**
 - (a) Defect liability period : 12 Months from the date of final Certificate of payment as issued by the architect-engineer.
 - (b) Date of commencement of work : From seven days after the date of work-order.
 - (c) Time limit for completion work : 35 Days.
 - (d) Penalty for delay : Rs. 500/- day for the delayed period and not more than 10% of contract value.
 - (e) Amount of interim running bill : As per work completed certified by Architect.
 - (f) Insurance - Compulsory : As and when required or as per requirements against cyclone, heavy monsoon, earthquake or against such natural catastrophe, it is the responsibility of the tenderer.
17. The contractor will have to procure all the required materials, labours, equipments and machineries required for the work. The materials should be stacked in such a way that it is not disturbing to the **United India Insurance Co. Ltd. and other neighbours.**
18. The work is with materials and labour. Hence it will be the duty of the tenderer for any type of accident incurred during the work, causing damage to human life and injury, damage to other property, damage to any visitors, customers or supervisor. The contractor should therefore take all the necessary precautions, and care during the progress of work of his own staff and also for the staff owner, supervisors, visitors, customers etc. The contractor should take necessary insurance for the work as required under the workman compensation act, labour laws etc. as prevailing. In short, it will be the duty of the contractor for all the types of accident and damages caused to human lives or property in any form, during the progress of work at his own cost and risk.

19. The work is to be carried out using best type and quality of materials as specified in the "Specifications of materials". The materials should be approved with the Architect-Engineer prior to adopting for the use.
20. The contractor will have to follow the instructions and guide lines as issued to him by the architect-engineer and/or his supervisor. If any work is not carried out satisfactory or to the required standard in the opinion of architect-engineer the contractor will have to rectify it again at his own cost, without any additional payment, without any argument.
21. The contractor will have to keep one supervisor from his side constantly at site for this particular job, who will be fully responsible for the work on behalf of the contractor.
22. In case the contractor's progress of work is not satisfactory or his workmanship is not to the standard quality, the architect-engineer and/or owner reserve the right to issue necessary notice to the contractor, for carrying out timely progress. If however the contractor has not improved the progress, the architect-engineer and/or owner can release the contractor from his work and terminate the contract after Seven days of issue of notice.
23. The contractor should submit in two sets his running and final bills for the work carried out by him along with detailed item-wise measurements of each items, for necessary verification to the Architect-Engineer and get the measurements and the bill verified with him. The Architect/Engineer will submit "Certificate for payment" to the owner for necessary payment. The final bill should contain detailed item-wise measurement book.
24. The work is to be carried out within the stipulated time limit, failure to which, the penalty will be levied as stated.
25. In case of any contrary to the "General Specifications" and "Specification of materials to be used for this particular work" the details stated in the "Abstract of Work" will be considered as final and contractor will have to carry out the work accordingly.
26. The rates include Octroi, levy, royalty, sales tax, GST, fixing & installation charges etc. No additional payment will be made for these types of taxes.
27. The contractor will have to make his own arrangement for their safety of their tools at his own cost.
28. The contractor will provide at his own expense adequate accommodation for his workers and keep the same in good order.
29. The contractor shall, if required by the Architect-Engineer, arrange to test materials and/or portions of the works at his own cost in order to prove their soundness. If after any such test the work is found in the opinion of the Architect-Engineer defective, the contractor should execute the same at his own cost. The materials not to the standard shall be removed from the site as instructed by the Architect-Engineer.
30. The contractor will have to clean the entire site and the surrounding affected due to the said work.
31. The contractor will not allow or engage a person or persons, whose presence is not desired at site by the architect and/or owner.

32. The Security Deposit will be deducted from the contractor's running and final bills as stated above. The Income Tax (TDS) as per prevailing rate of the work will be deducted from the contractor's running and final bills before making payment to him.
33. The Owner in this case is the said United India Insurance. The site means the place of work i.e. Shop No 137 , Fortune Heights , Adajan , Surat . The Architect for the work is **Sarjan Architects & Projects Consultant** . The entire work is to be carried out under the supervision, execution and instruction of the said "Architect-Engineer".
34. The contractor will have to get the materials/fixtures approved with the said Architect prior to their use for proper inspection of quality.
35. Please note that all Civil & electrical works should be carried out by licensed Class I contractors which the contractor will have to get certified on completion thereof.
36. I/We agree to abide with the above conditions fully and are prepared to undertake the work following the above conditions.

DATE:

PLACE:

(Signature and Stamp of the Tenderer)

Name of Tenderer:

Address:

Phone Nos. : Off :

Resi :

Mobile No. :

The contractor has to follow some necessary special conditions are:

- Contractor shall have to make storage facilities by making godown for the material.
- The Contractor shall cover all his equipment and Materials : at site with requisite insurance against theft, larceny, decoity, fire, tempest, flood, earthquake, etc.
- On completion of the Work undertaken by the Contractor, he shall removed all temporary Work erected by him and have the site cleaned as directed by the Engineer-in-Charge. The Bank reserves the right to ask the Contractor any time during the pendency of the Contract to vacate the land by giving 7 days' notice on security reasons or in national interest or otherwise.
- The contractor shall have to submit photographs daily during various stages of project execution activity for each of the work at no extra cost.
- For proper Maintenance & Cleaning of premises, one In charge/technical supervisor must be deployed & will be responsible for attending & resolving all the complaints timely.
- All the Material to be used in the Project must be approved by Engineer In charge / Consultant before commencing the work.
- Contractor has to provide full time qualified 1(One) Engineer having experience of 2 years in execution of similar projects.
- If any changes required in drawings during site execution Architect / Authority have to all ride to modify it and contractor have to bound to follow the decision accordingly.

- Contractor has to provide Private Transportation services (Four-wheel car) to Authority/ Consultant / Architect during site execution.
- Contractor has to submit daily / weekly and monthly progress report to EIC / authority & consultant.
- Contractor has to do make up sample of each item as suggested by EIC / Consultant and only after approval of sample further work should be done.
- The detailed specifications given hereafter are for items of works described in the Schedule of quantities attached herein and shall be guidance for proper execution of work to the required standards.
- It may also be noted that the specification are of generalized nature and these shall be read in conjunction with the description of item in schedule of quantities and Drawings.
- The work also includes all minor details of project which are obviously and fairly Intended and which may not have been referred to in these documents but are Essential for the entire completion in accordance with standard engineering practice.
- The architects, engineer-in-charge and the Employer shall be the sole deciding authority as to the Meaning interpret and implication for various provisions of the specifications and his Decision in writing shall be final and binding on all concerned.
- **MATERIALS TO BE APPROVED/ BEST QUALITY:** The whole of the materials. deployed in connection with the permanent work, shall be new and the best of its kind. all materials shall be in accordance with these specifications and shall be in approved by the architect/ engineer-in-charge.
- **STANDARDS:** Except where otherwise specified and permitted by the architect, all materials shall conform to the latest edition of Indian standard specification.
- The payment shall be made as per actual execution of works.
- All or any extra work involved shall be got approved in writing from architect -consultant/ engineer-in-charge before executing the same.
- The rate for individual item shall includes the cost of materials, labour, finishing etc. to Complete the whole work satisfactorily as per instructions of engineer-in-charge.
- For any of the BOQ individual items, no extra payment will be given for any of the Reasons.
- Item rate to be inclusive of all material, all Type of laminate (Fluted laminate, SF laminate, Texture laminate.) wastage, groove, adhesives, hardware, necessary tools tacks, erection, execution, polishing, painting, finishing, cleaning, etc. with contractor profit and taxes with GST & all. and works at all heights and for all floors.
- **Contractor shall arrange for all type of sample for mockup room and shop drawings as per BOQ item without any extra cost, for approvals. Contractor have to submit As built drawings after project completion. Before final bill set up.**
- The measurement shall be as per mode of measurements are given in tender specifications and measured as per site condition.
- Contractor has to complete all mockups as per the selection by the architect/ E.I.C at his own cost and has to do necessary changes as per the site require & suggestion.
- Contractor has to covered with the flooring with 4/5 mm PVC sheet and it should joint with taping and pasting on flooring. He has to protect flooring and wall form the damage of any fabricated work of partition table or any fixing work and for the any damage contractor is fully responsible for the same and for the above protection of PVC sheet on flooring no any extra charge/payment provided to contractor.
- Before finishing any material i.e. Electrical fixtures, LED light, Fan, wire quality, contractor has to approved all material from consultant/EIC and only after approval contractor has to do further work
- Contractor has to do external – internal paint, color scheme up to satisfactory level of architect / EIC.s
- After completion of the work contractor has to submit all as built drawing as suggested by architect /Authority.
- Contractor's rate includes all removing, reinstallation and transfer of suggested furniture, items/Electrical items from site to suggested area. No any extra cost provide by client for suggested work.

TECHNICAL BID

UNITED INDIA INSURANCE COMPANY LIMITED
BO 2 Surat

Name of Tendering Company:

Address:

Mandatory information required for Prequalification of the bidder for Interior Furnishing,

Electrical , Data cabling, Air Conditioning works United India Insurance at Shop No 137

Fortune Heights , Adajan Surat

Important:

1. Please type or handwrite in capital letters.
2. Attach copies of the supporting documents.
3. Please use additional sheets if required.

Name of the Bidder :
email address :
Telephone number office :
Telephone number office :
Fax no. :
Address 1 :
Address 2 :
City :
Pincode :
Year of Establishment :
Status of the Firm (Proprietorship/ Partnership/Pvt.Ltd./Pub.Ltd) :
Names of the directors/Partners/proprietor :
Name and address of the Bankers – 1 :
Name and address of the Bankers – 2 :
Name and address of the Bankers – 3 :
Registration number and date with Registrar of
Companies/Firms :
PAN Card Number :
Sales Tax Number :
GST Number :
Empanelment with the other Companies/PSUs :
Field of activities :
Main Activity :
List particulars of minimum 10 successfully
completed works during last Seven years :



List Number of Technical staff working in the organization :

List number of other staff working in the organization :

Have you in past carried out any works for United India Insurance or its subsidiaries ? :

Have you been ever disqualified or levied penalty by the United India Insurance office in past for non fulfillment of the contractual obligations. If yes, please provide details in brief.

have you been ever been put on a holiday list or banded by any public sector units ? if yes please provide details in brief.

I/ We confirm that to the best of our knowledge this information is authentic and accept that any deliberate concealment will amount to disqualification at any stage.

Bidder/s. Date :

Seal and Signature of the

Place:

PROFORMA – 1**LIST OF PROJECTS EXECUTED BY THE ORGANISATION DURING THE LAST 3 YEARS SIMILAR JOB (UPTO COST 15 LAC)**
(Please attach work orders & Completion certificate.)**Notes:**

Sl. No	Name of work/ project with address.	Name & full postal address of the owner. Specify	Contract Amount (Rs.)	Stipulated time of completion (Years)	Actual time of completion (years)	Any other relevant information. Actual amount of the Project, if increased, give reasons.	Enclose clients certificate for satisfactory completion
1	2	3	4	5	6	7	8

1. Information has to be filled up specifically in this format.
2. Date shall be reckoned from the date of advertisement of the notice in newspapers.
3. For certificates, the issuing authority shall not be less than an Executive In charge.

PROFORMA - 2**LIST OF IMPORTANT WORKS IN HAND SIMILAR JOB (UPTO COST 15 LAC) (please attach work order.)**

Sl. no	Name of work/ project with address.	Name & full postal address of the owner. Specify whether Govt. undertaking along with name, address and contact nos. of –2- persons (Engineers or top officials of the organization)	Contract Amount (Rs.) with copy of Work Order & from project in- charge.	Stipulated time completion (Years)	Present status of the project	Any other relevant Information.
1	2	3	4	5	6	7

Note:-

Information has to be filled up specifically in this format.

Please do not write remark "As indicated in Brochure".

PROFORMA - 3

Details of Infrastructure in Office.

(Please enclose this information in the PART I (technical bid) of the bid. Bid of agencies who are not furnishing above information will be summarily rejected).

Sr. No.	Items	Numbers	Details
1	Office Premises, Area, etc		
2	Telephones		
3	Other instruments		
4	Software used for planning.		
5	Reference books used		
6	Subscription to magazines,		
7	Any other information		

I/We confirm that to the best of our knowledge this information is authentic and accept that any deliberate concealment will amount to disqualification by the authority at any stage

PLACE :

DATE : ____/____/2025

SIGNATURE OF BIDDER & Co's seal



युनाइटेड इंडिया इश्यूरेन्स कं. लिमिटेड
UNITED INDIA INSURANCE CO. LTD.

FINANCIAL BID

UNITED INDIA INSURANCE COMPANY LIMITED
BO 2 SURAT

SUMMARY OF WORKS

SL.NO	Type of work	Amount Quoted (Rs.)
1.	Interior Furnishing Works	Rs.
2.	Electrical Works	Rs.
3.	Air Conditioning Works	Rs.

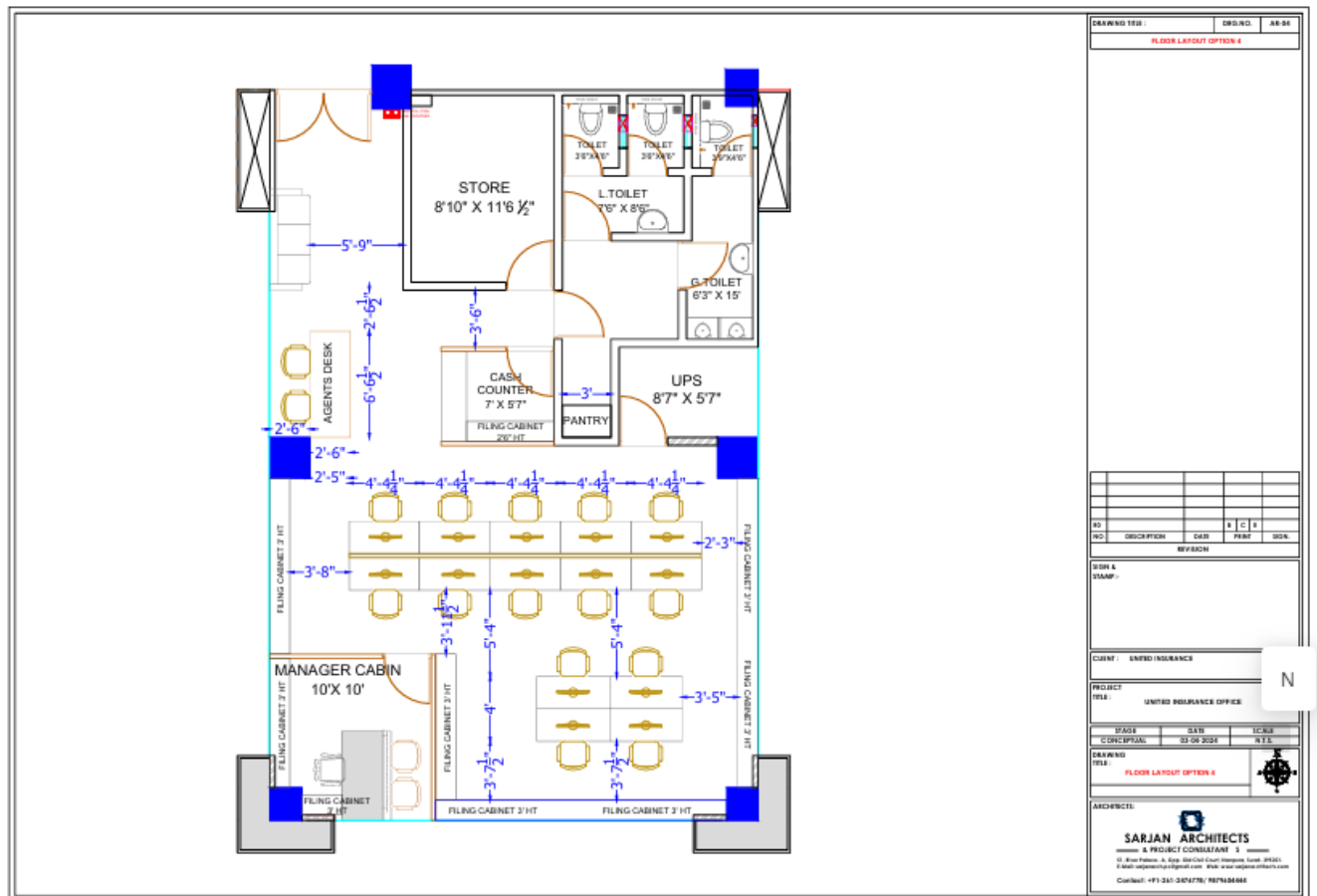
TOTAL **Rs.**
(inclusive of all taxes and expenses & GST etc.,)

(In words: .)

Notice: TENDERERS MUST VISIT THE SITE AND INSPECT FOR THEMSELVES THE
ACTUAL WORKS TO BE CARRIED OUT BEFORE SUBMITTING THE TENDER

OFFICE LAYOUT DRAWING – FURNITURE / ELECTRICAL / COMPUTER CABLING / AC FITTING
BO 2 SURAT

BELOW SHOWN LAYOUT IS FOR REFERENCE



Name of work.		FURNITURE AND INTERIOR WORKS ESTIMATE FOR UNITED INDIA INSURANCE COMPANY FORTUNE HEIGHTS SURAT			
SCHEDULE - B					
Memorandum showing items of works to be carried out					
It. No.	Quantities estimated but may be more or less	Unit	Item of work	Tendered Rates in Rs.	Total Amount according to estimated quantities
				Rate	
1	2.00	3.00	4.00	5.00	6.00
1	371.00	Sq Ft	<p>FULL HT PARTLY GLAZED PARTITONS WITH DOOR (LAMINATE FINISH) Providing & fixing full height partly laminated & partly glazed partition (up to ceiling ht) (thinness of partition is 75 mm) using 12 mm thick mr grade plywood both side on aluminum framing of guage 16 . Aluminum framing size for vertical & horizontal support is 50 mm x 25 mm .Grid of aluminum framing is 600 mm x 600 mm. All exposed surfaces finished with 1 mm thick laminate of approved shade without any air gap and grooving as per design. . Necessary framing to be erected above false ceiling (up to beam and slab height.) No extra cost to be paid for the same. Before installation, make hole/face plate for conduit pipes of electrical / networking cables with open able stud from partition Including all materials and labour etc.</p> <p>For glazing Using of 8 mm thick plane glass slit as suggested pattern with proper crystal edges & with suggested frosted films on glass. Frosted film material rate is inclusive in bid cost. All joints are covered with burma border bidding Patti finished with laminate/polish. Complete with all necessary hardware & adhesives as per details given in drawing and as per instruction of Architect/consultant/Engineer In charge.</p>		

2			<p>LAMINATE FINISH PARTLY GLAZED DOOR Providing & fixing for making Partly Glazed Door (finished size of door is 55 mm) of size 3'x7' considering blockbord flush door sheet of 30 mm thickness covered both side by 9 mm commercial ply & finished with 1 mm thick laminate on both sides of shutter and having 10 mm frosted glass as given size with crystal edges shutter, fixed with burmateak Patti, rest on floor spring of 100 kg & Top-Bottom fitting for door-pivot. All exposed framing made by Burma teak wood complete with laminate/melamine polish. Finishing with all necessary hardware like handles, conceal locks, cylinders, stopers, tower bolt, MS nails, SS-304 screws etc. as per details given in drawing and as per instructions of Architect/consultant/Engineer In charge.</p>		
3	54.00	Sq Ft	<p>FULLY GLAZED DOOR AT ENTRENCE WITH FIX GLASS PARTITION Providing material & labour charge for making Fully Glazed Door with fixed glass partition having door size 1200 mm x 2225 mm having 12 mm extra clear toughen glass with crystal edges & frosted effects. All complete with hole, cut work etc. Glazed Door supported on floor spring of 100 kg & pivots with fitting on top/bottom/corner patch fittings. Complete with all necessary hardwares like 450 mm high handles, glass to glass locks/Conceal Mortise Locks etc as per details given in drawing and as per instructions of Architect/Engineer In charge. Door having colorful frosting film as per suggested pattern.</p>		

4	42.00	Sq Ft	<p>LAMINATE FINISH PARTLY GLAZED DOOR Providing & fixing for making Partly Glazed Door (finished size of door is 55 mm) of size 3'x7' considering blockbord flush door sheet of 30 mm thickness covered both side by 9 mm commercial ply & finished with 1 mm thick laminate on both sides of shutter and having 10 mm frosted glass as given size with crystal edges shutter , fixed with burmateak Patti , rest on floor spring of 100 kg & Top-Bottom fitting for door-pivot. All exposed framing made by Burma teak wood complete with laminate/melamine polish. Finishing with all necessary hardware like handles, conceal locks, cylinders, stopers, tower bolt, MS nails, SS-304 screws etc. as per details given in drawing and as per instructions of Architect/consultant/Engineer In charge.</p>		
5	211.50	Sq Ft	<p>LAMINATE FINISH BACK CREDENZA Providing & fixing Laminate Finish Low ht back credenza having depth of 375 mm , with 18 mm mr grade ply top, based on sandwidth vertical supports made by 18 mm Thick. mr grade Ply Wood with all shutters & horizontal single self (made by 18 mm thick MR grade ply) as per given in detail drawings. Backside of low ht storage is covered with 12 mm thick plywood. Shutters made with 18 mm + 6 mm ply with conceal handles. All exposed and internal Joints complete with burma border bidding patti finished with melamine polish. All exposed and internal surfaces covered with 1 mm thick approved shade laminates as instructed by Architect/consultant/Engineer in charge. Complete with all hardware like MS nails, ss-304 screws, magnet, Stoppers, L - hinges, 19 mm multilocks, table chain, conceal handles etc.</p>		

6	127.00	Sq Ft	<p>SOFT BOARD PANELING Providing and fixing on wall/partition 8mm thick approved quality soft board with cotton cloth/fabric of approved make and shade on 6 mm thick mr grade ply with eak wood beading all around including semi glossy PU polish, as approved sample and as directed by Architect/consultant. The work shall be measured & paid in Sqm. for all floors, all level and at all heights including all costs (basic rate of cotton cloth /fabric for 54" wide shall be Rs. 300/ meter The rate shall be inclusive of polish to all the exposed wooden members. Only the clear elevation area of the cloth/fabric shall be measured and paid. sample mock of 5 Sqm minimum of the frame work and partition) shall be approved from ENGINEER IN CHARGE and Architect/consultant</p>		
7	225.00	Sq Ft	<p>TEXTURE PAINT ON COLUMN :- Providing and applying texture paint on suggested area up to satisfaction lvl.</p>		
8	113.00	Sq Ft	<p>LAMINATE WALL PANELING :- Providing & fixing wall paneling having suggested aluminum grid of 37mm x 37mm or 50mmx 25 mm framing (whichever requires.)Having 16 guage) of size 600 mm x600 mm by aluminium sections of given size. Grid frame is covered with 12mm thick mr grade plywood. To create suggested groove & neices. All grooves are finished with laminate. All exposed surfaces covered with 1 mm thick laminates of approved shade as instructed by Architect/consultant/Engineer In charge. Complete with all hardwares like s nails, ss screws, adhesives etc. shown in detail drawings. Contractor has to provide all necessary cut outs for Electrical works & no extra payment shall be made for it. Amount shall be paid only for the Paneling between the False Ceiling & Flooring.(</p>		

9	792.00	Sq Ft	<p><u>ROLLER BLINDS</u> roller blinds fabric shall allows a view to the outside but prevent people from looking in. They shall reduce glare and UV rays near windows rooms. Roller Blinds shall be sleek, neat & compact. The basic operation shall involves a beaded chain, when pulled, fabric rolls neatly onto the roller tube, accumulating the fabric in one single linear tube. Roller blind shall be manually operated. It shall be maintenance free & only vacuuming required. Fabric shall have specialized properties such as fire retardant, no harmful VOC or hazardous substances will be released to the environment in quantities that are recognized as potentially dangerous to occupants of building. The weighted composition of fabric shall be made up of 70% PVC and 30% Polyester and having Openness factor of 3%. The thickness of fabric shall be in the range of 0.65mm (±5%) having weight of 380GSM (±5%). Mounting Bracket: Mounting hardware brackets, universal brackets including end plug bracket should come with lock down retainer device. Metal brackets provided should come in powder coated finish. All installation brackets made of stamped and hardened steel allowing a 46mm projection from the wall, ceiling and side fitting with screws and end cap covers. Fabric Mounting: Fabric is mounted and locked on the tube and Bottom Bar using a high quality 7mm Poly Propylene Locking Tape with double sided Tape for full integration of fabric and to provide maximum resistance to tube deflection. Wall / Ceiling Bracket: This is made up of carbon Steel, DIN</p>	
---	--------	-------	---	--

		<p>Standard Steel, Thickness: 1.0mm,</p> <p>Powder Coating Thickness: 0.15mm to 0.20mm. This provides near invisible fixing of the cassette.</p> <p>Roller Tube: This is made up of High Strength Aluminum alloy Extruded grooved tube having outer diameter 38mm($\pm 5\%$) & thickness 1.25mm ($\pm 5\%$) as per AA6063 Alloy. Tubes must come in natural anodized finish.</p> <p>Roller tube brackets: Spring steel metal brackets powder coated in matching finish to be used on both ends to support the roller system. Brackets can be top or face fixed.</p> <p>Control Unit: Blinds mechanism must have the control clutch drive unit with engineered heavy duty chain drive pulley operating system consisting of gear clutch housing and locking plug containing at least 6 ribs and inserted into a 38mm dia roller tube.</p> <p>Idler: Tube bearing plug idler should have the properties of self-lubricating spring loaded plastic bearing end plug with positive locking wheel that allows for adjustment and provides a secure installation and removal of blinds. Tube bearing plug should contain at least 6 ribs and inserted a tube not less than 38mm roller tube. Idler is of high strength reinforced plastic, consisting of an outside sleeve and center shaft. Sleeve provide bearing surface for center shaft and rotate freely, providing smooth, quiet and long wearing operation. It is a Part of Control Unit Assembly.</p> <p>Bottom Bar: This is made up of extruded aluminum bottom bar having powder coating of 55</p>		
--	--	---	--	--

		<p>microns and wall thickness of 1.2mm(+/-0.1) and width of 15mm(±1mm) and height of 30mm(±1mm) and weight: 210gm/m(±5%). All bottom rails should come with powder coated finish</p> <p>with an end cover perfectly in matching with the fabric.</p> <p>Bottom bar end caps: End caps of bottom bar should be made up of polypropylene material using Injection moulding method having perfect push fit with the bottom bar. The dimensions of end caps of bottom bar specified as length: 20mm, width: 15mm, height: 30mm, thickness 2mm.</p> <p>Operating chain: Blinds set is to be driven by a ball chain pulley and ball chain and can be positioned at Right hand or Left hand side of the blinds set. This is made of 4.5 mm plastic beads molded on 2.0 mm thick polyester cord. The chain drives the sprocket fixed in the end control unit to close and open the blind. The pitch of the chain corresponds to the sprocket in perfect match for trouble free operation. Average number of balls on chain should be 50 per foot length. Plastic chain should provide ease in operation with chain connector and polycarbonate stopper of O/D:6mm & I/D: 4mm to avoid reverse rolling of fabric over tube and protecting damages to blind fabric</p> <p>Cord Weight: It should have suitable acrylic clear cord weight to stabiles the operating chain. The thickness: 14mm, width: 30mm and height: 80mm.</p>	
--	--	--	--

10	8.00	Sq Ft	<p>Providing & fixing prefunctional service counter under granite platform having 12 mm +9 mm thick marin plywood as shutters both side 1 mm laminate finish including hinges, magnet, table chains , complete with bidding patties and all hardwares. All exposed and internal surfaces finished with 1 mm thick laminate of approved shade . All joints are covered with Ghana teac bidding patti finished with laminate. complete including require nos of drawer and shutter all type of fittings , fixtures, hardware approved make etc complete .SS 304 grade conceal handle shall be provide as per approved selection &detailed drawing and instruction of Architect/consultant/ PMC Contractor has to provided all necessary cut outs (race ways.) for Electrical works & no extra payment shall be made for it.</p>		
11	1.00	No	<p>MANAGER TABLE Specification:- Providing Labour & Material for making Manager Table Top having Size of 6'0 x 3'0" x 2'6" having based on 18mm thk Commercial plywood with all necessary proper solution , finished by 1 mm thk laminate with at all exposed & internal surfaces . its having 10mm thk glass on table top .Its having two no of base box with providing drawers on telescopic channels & shutters made up of 18 mm thk commercial Ply, Having 3" high Footrest. Necessary teakwood bidding (Bidding should have necessary grove with malemine aproved shade polished.) All exposed framing made by teak wood complete with melamine polish.all complete with key board trey, drawers on telescopic channels, locks, stoppers, SS Screws,MS nails, Auto hinges as per shown in detail drawings & as per instructions of architect / incharge engineer. Contractor</p>		

			has to provided all necessary cut outs for Electrical works & (no extra payment shall be made for it). Please see the Attached Make List for Apporoved Makes.		
12	1.00	No	<p>CASHCOUNTER TABLE -Providing Labour & Material for making cash counter Table Top having Size of 4'6" x 2'3" x 2'6" having based on 18mm thk Commercial plywood with all necessry proper solution , finished by 1 mm thk laminate with at all exposed & internal surfaces . Its having single no of base box with providing drawers on telescopic channels & shutters made up of 18 mm thk commercial Ply, Having 3" high Footrest . All exposed framing made by teak wood complete with melamine polish. Necessary teakwood bidding (Bidding should have necessary grove with malemine aproved shade polished.) all complete with key board trey, drawers on telescopic channels, locks, stoppers, SS Screws,MS nails, Auto hinges as per shown in detail drawings & as per instructions of architect / incharge engineer. Contractor has to provided all necessary cut outs for Electrical works & no extra payment shall be made for it. Please see the Attached Make List for Apporoved Makes</p>		

12	10.00	No	<p>WORKSTATION :- Providing Material & Labour charge for making work station of each size 4'6"x2'0" having ht of 2'6" & vertical supports of table having suggested nos of base boxes including drawers & shutters made by 18 mm thk MR Grade Commercial Ply wood. Drawers Bottom & Back of side table are made up of 12mm thk Comm Ply Wood. Back Ply of table is also made up of 10 mm Thk. Comm Ply Wood. All Drawers & Keyboard Trey rest on Telescoipic Chennels. All internal Joints finished with burma teak bidding patti (75 mm x 50 mm) & 25 mm x12 mm burma teak bidding patti at external joints complete with melamine police. . At Front side have a provision of patrition up to 1'0" ht on table top finish with 1 mm thk laminate . Between two table provision of 10 mm thk privacy screen as devider up to 1'0"ht on table top fixing with SS brackets.</p>		
13	17.50	Sq Ft	<p>AGENTS CORNER TABLE :- Providing Material & Labour charge for making agents corner table having suggeasted size and suggested patern made by 18 mm thk MR Grade Commercial Ply wood. having base supports as per given details . All Joints finished with burma teak bidding patti (75 mm x 50 mm) & 25 mm x12 mm burma teak bidding patti . Necessary teakwood bidding (Bidding should have necessary grove with malemine aproved shade polished.)All exposed and internal surfaces covered with 1 mm thk approved shade laminates & all wooden exposed surfaces finished with malemine polish. Complete as per detail drawings & as instructed by Architect/ Engineer In charge. Complete with all necessary hardwares like nails, ss screws, adhesives etc. Contractor has to provided all necessary cut outs for Electrical works & no extra payment shall be made for it. Please see the Attached Make</p>		

			List for Apporoved Makes.		
14	19.00	NO	MEDIUM BACK CHAIR Providing supplying and fixing medium back chair, as per approved sample by chief architect,with knee tilt synchro mechanism with multi position locking arrangement. Specially designed anti topple chrome polished base class-3 gas lift for seat height adjustmentand 30% glass filled nylon castors for smooth movement of chair upholstery option available in PU leather . 50 dc mould cushion in seat waterfall design seat for better thigh support.Back height- 28", width-18",length 19.0". transpiration, installation as per instructions of Engineer in Charge etc. complete.		
14	18.00	NO	SWING DUSTBIN Providing and supplying S.S. Perforated Dust Bins of size 7" X 10" (Lx Ht) having matwerial is SS 201 grade polished , Use for dry waste, having feature for corrission and rust free made from standard manufacturer.		
15	15.00	NO	SS 304 MAT FINISH DIRECTIONL SIGN Providing & Fixing signage on 1 mm SS 304 mat finish 0.8mm- 1 mm with 5 mm black acrylic direct pasting with silicon tape on any surface expect un finished wall (18"x4"=72 sq inch for each) (as per the approved size & shade) including fixing by using necessary hardwares (Fixing/bonding on wall /ply wherever it requires with its proper silicon pasting /studs ,screws,nails etc). completely with printing in suggested colors for each cabin/Utilities area above each door/wood surfaces/wall surfaces Before making the letters the font & size will be got approved from authority .		
			Grand Total Cost For Furniture Work		

Name of work :			ELECTRICAL WORKS ESTIMATE FOR UNITED INDIA INSURANCE COMPANY FORTUNE HEIGHTS SURAT			
Sr NO	Qty.	Unit	Item Description	Rate	Per	Amount
1	25	Pt.	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed.(a) with medium class Rigid PVC pipe and accessoriesCat. III		Pt.	
2	30	Pt.	Point wiring for Tisino / Modular secondary light point with 2-1.5 sq.mm & earth wire of 1.5 sq.mm (green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multi strand copper wires, in below type of pipe to be erected complete with earth continuity and necessary connection with primary light with accessories erected on Metal / PVC / wooden box covered with 3 mm thick PC(Polycarbonate) / Acrylic sheet for open / concealed wiring. with necessary Lamp holder / ceiling rose / H.D.Connector as directed. Note:- Maximum up to 6 mtrs length, excess will be considered as Mains for Secondary Point. (a) with medium class Rigid PVC pipe and accessories erected flushed on wall/ceiling complete Cat. III		Pt.	

3	1	Pt.	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of .ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed.(a) with medium class Rigid PVC pipe and accessoriesCat. III		Pt.	
4	25	Pt.	Point wiring for Individual Plug with & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of to be erected concealed in / on surface of wall / ceiling complete with Modular type switch & 5 pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected on / in wall / ceiling as per pipe erected with following type of accessories.[I] For 6A Plug with 2-1.5 sq.mm Cu. Wire, (a) with medium class Rigid PVC pipe and accessories, Cat. III		Pt.	
5	13	Pt.	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessoriesCat. III		Pt.	
6	18	Nos.	Providing following type of Modular Type Accessories mounted with pvc / metallic box, single mounting base frame covered with textured / metallic front plate , modules erected with necessary connection. As desired by Engineer In charge3) Two Pin/ RJ-11 Telephone Socket, [B] For ONE Gang, Cat.III		Ea.	
7	18	Nos.	Modem Jack for Computer Open RJ-45, Cat.III		Ea.	

8	7	Nos.	16 Amp. SP one way switch, Cat.III		Ea.	
9	7	Nos.	6/16Amp. Universal socket, Cat.III		Ea.	
10	6	Nos.	32A Double Pole Modular MCB Switch Cat.III		Ea.	
11	10	Nos.	Blank Plate Single Cat.III		Ea.	
12	1	Nos.	6 Amps. Bell Push Cat.III		Ea.	
13	110	Mtr.	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessoriesb) 2 wire 1.5 sq. mm		Mtr.	
14	150	Mtr.	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected concealed in /flushed on wall/ceiling, with 1.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size (a) with medium class Rigid PVC pipe and accessoriesb) 2 wire 2.5 sq. mm		Mtr.	
15	75	Mtr.	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size(a) with medium class Rigid PVC pipe and accessories(a) 2 wire 4 sq. mm		Mtr.	
16	80	Mtr.	Providing and erecting Mains with 1.1 KV grade FRLS PVC insulated ISI marked stranded Copper conductor wire in following type of pipe to be erected in / on wall / ceiling with 2.5 sq. mm copper conductor FRLS PVC insulated stranded wire of green colour for earth continuity of following size(a) with medium class Rigid PVC		Mtr.	

			pipe and accessories (i) 4 wire 10 sq. mm (use earth wire of 4 sq.mm)			
17	50	Mtr.	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction[A] CAT - 5		Mtr.	
18	150	Mtr.	Supplying & erecting approved make LAN cable of following size in existing pipe as per direction.[C] CAT - 6		Mtr.	
19	150	Mtr.	Providing and erecting ISI mark Medium class RIGID PVC PIPES of following size complete to be erected on/in wall or ceiling erected with necessary PVC fittings & Junction boxes fixed with adhesive solution & Clamps with following dia of pipes, in approved manner as directed (b) 25 mm		Mtr.	
20	1	Nos.	Providing and erecting Decorative call bell Ting-tong box type 250 volts complete erected		Ea.	
21	10	Rmt	Providing & erecting PVC Corrugated Flexible Conduit with required nos. of coupling, PVC bushes, Check-nuts etc. complete of following sizes.(2) 25 mm		Rmt	
22	50	Mtr.	Supplying and laying UPVC cable trunking system comprising unplasticised polyvinyl, chloride rigid material with ignition free & flame proof confirming BS .All necessary accessories and measuring of following sizes.100 mm x 50 mm trunking		Mtr.	
23	50	Mtr.	Providing and erecting Mains with ISI marked, 1.5KV grade electrolyte multi stranded, annealed copper conductor with heat resistant PVC insulated conforms to IS 694, IEC - 227 erected in existing pipe of following size (Specifically for control panel, relays, power switchgears, motor starters & control wiring) with required size of copper lugs, nuts and bolts if required.(c) One wire 2.50 sq. mm		Mtr.	
24	5	Mtr.	(a) One wire 6.00 sq. mm.		Mtr.	
25	5	Mtr.	(b) One wire 10.00 sq. mm.		Mtr.	

26	20	Mtr.	Supplying and erecting Flexible PVC insulated multistrand multicore 1.1 kv grade ISI marked copper wires of following size to be erected as directed.e) 1.50 Sq.mm 3 core round PVC sheathed		Mtr.	
27	12	Nos.	providing and erecting Miniature circuit breaker single pole 6A to 25A suitable to operate on 240 V A.C. system and having breaking capacity 10 KA to be erected in existing box. confirming to IS 8828/1996 with ISI Mark Cat.III		Ea.	
28	1	Nos.	Providing & erecting 240 V MCB double pole switch for motor & inductive load (C Curve) having 10 KA breaking capacity & confirms to IS : 8828 in existing box having following capacity.(B) 40 Amp. Cat.III		Ea.	
29	1	Nos.	Providing & erecting 415 V MCB Four Pole for Motor & Inductive Load (C Curve) having 10KA breaking capacity & confirms to IS :8828 in existing box having following capacity ((c)63 Amp. . Cat.III		Ea.	
30	1	Nos.	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, Conforms to IS 8623-1 & 3, IEC 61439-1 & 3 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) suitable for (B) three phase incoming and single phase horizontal type outgoing Per phase isolation type (PPI) (b) sheet steel double door (ii)6 way		Ea.	
31	3	Nos.	providing and erecting Approved make RCCBs conforming to IS: 12640 and having sensitivity of 30 mA and Short Circuit withstand capacity of 10 KA and suitable for operation on single phase 240 V,50Hz. having characteristic of quick action & tripping with all advance feature & do not incorporate any electronic component. for following Max. rating erected as directed (iii) 63 Amps. DP		Ea.	

32	5	Nos.	Providing and erecting Approved make Four pole moulded case circuit breaker having breaking capacity ICU of 25 KA. at 415 V, having normal current rating up to 25 A to 100A. with Fixed thermal & magnetic release suitable to work on A.C. supply 50 c/s. with all internal connections & complete erected in existing 16 G.M.S. housing. ICS=100% of ICU only Cat III		Ea.	
33	5	Rn.Mtr	Supplying and erecting triple pole & neutral 440V / 500V panel mounting Copper Busbars with four equal Nos. of electrolyte bus having current density not more than 1.6 Amp. / sq.mm (Rated current / cross section area) duly wrapped with colour insulating tape for phase sequence of following current carrying capacity, erected with necessary bus bar supports /insulators, main cable socket to each bar, erected in existing cubical panel with necessary connections.(A) Suitable for 100 Amp. Capacity		Rn.Mtr	
	20	Kg.	Providing and erecting Annealed bare Copper wire/strip 8 to 16 SWG.		Kg.	
35	2	Nos.	Supplying & erecting earth pit of minimum bore dia.150mm size approved make Earthing Electrode consisting Pipe-in-Pipe Technology as per IS 3043-1987 made of corrosion free G.I.Pipes having Outer pipe dia of 50mm having 80-200 Micron galvanising, Inner pipe dia of 25 mm having 200-250 Micron galvanising, connection terminal dia of 12mm with constant ohmic value surrounded by highly conductive compound with high charge dissipation suitable for following type of applications.(b)For Electrical installation up to 11 KV in normal soil. Length of Pipe : .1.0 mtrs Back filling Compound :1 no. Bag of 15 Kg.		Ea.	

36	3	Sq.Mtr	<p>Providing & erecting weather proof, dust & vermin proof, floor mounted front operated indoor type cubical panel board having IP-64 protection made from 14 SWG thick CRC M.S. sheet for outer body & doors, 16 SWG thick CRC M.S. sheet for internal partitions with necessary supporting angles, flats including cutting, bending, drilling, welding, riveting with internal partitions & cable alley as per requirements & instruction of engineer-in-charge with erection of supplied switch gears, BUSBARS, with suitable size of inter connecting PVC copper wire / copper-aluminium strips, rubber grommets, rib, bakelite control fuses for measuring instruments, earth bus & earth bolts, foundation flange - bolts-base Plates, sufficient nos. of hinged doors, handles with locking arrangement and rubber gasket complete. The Panel shall be painted with epoxy powder coating. (The rates excludes the cost of switchgears, bus bars, inter connecting mains & Copper Aluminium strips, meters, Fuses etc. The dimension shall be measured excluding base beams) The panel shall be supplied with following approved manufacturers with following size(A) The standard companies switch gear shall be used and only manufacturers at CPRI approved factory and shall be certified by that company whose switch gears are used after fabrication for beneficial use (i) with 350mm depth board</p>	Sq.Mtr	
37	20	Kg.	<p>Providing , erecting , fabricating the M.S. structure as per requirement on site incorporating proper size of M.S. angles, flats, bars, channels, sections complete with cutting, welding, grinding & finishing duly painted with one coat of red oxide with erection on site as per direction of engineer in charge with necessary grouting, cementing, plastering & finishing complete.</p>	Kg.	
38	1	Nos.	<p>Supplying and erecting approved make panel mounting type Digital Voltmeter having 3 digits LED display, 0 to 750 AC Volts range erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.</p>	Ea.	

39	1	Nos.	Supplying and erecting approved make panel mounting type Digital Ammeter having 3 digits LED display, external CT operated, calibrated for 0 to 1000 Amps suitable to operate on 500 Volt AC , erected on existing panel board with all connection, wiring etc .with manufacturers calibration certificate.		Ea.	
40	1	Nos.	Supplying and erecting Ammeter / Voltmeter selector switch for 3 phase AC Supply 500 V on existing panel board with necessary connections.		Ea.	
41	3	Nos.	Supplying and erecting approved make set of indicator lamps of LED type lamp, lens cover, Bakelite holder complete erected with necessary connections.		Ea.	
42	50	Mtr.	Providing and erecting XLPE(IS:7098)(I)-88 ISI armoured cable multistrand Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (B) 3 1/2 core 35 Sq. mm (16 Sq. mm 1/2 core)		Mtr.	
43	20	Mtr.	Providing and erecting XLPE (IS:7098)(I)-88 ISI armoured cable multistrand / Solid Aluminium conductor for 1.1 KV. to be laid on wall with necessary clamps or in existing trench / pipe of following size of cables (A) 4 core 16 Sq. mm		Mtr.	
44	2	Nos.	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(B) 3 & 1/2 core 35/50 Sq. mm		Ea.	
45	2	Nos.	Providing and, fixing heavy duty flange type brass cable gland with rubber ring for PVC insulated armoured cable complete with out going tails, insulating tape etc for following size of cables.(D) 2 to 4 core 16 Sq. mm		Ea.	
46	8	Nos.	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (E) 35/50 Sq.mm.		Ea.	

47	8	Nos.	Solderless crimping type Aluminium lugs conforming to IS suitable for cable of following size evenly crimped with high pressure tool & connected to switchgear terminals with brass/cadmium plated nut bolts in an approved manner. (C) 16/25 Sq.mm.		Ea.	
48	2	Nos.	Providing & erecting Approved make Power Saving 50 Watt Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 Hz 1200 mm sweep complete having 3 blades with aluminium blades with , canopy & 30 cms. down rod erected with 24/ 0.2, 3 core flexible wire with earthing.(Make shall be approved by Engineer in charge))		Ea.	
49	2	Mtr.	Supplying and erecting 19 / 20 mm. nominal bore Medium Class M.S. Pipe down rod erected duly painted for fan complete with necessary 24/ 0.20, 3 core flexible wire with earthing.		Mtr.	
50	2	Nos.	Supplying & erecting fan hook box of 10 mm M.S. round bar bounded to the RCC bars up to 50mm length each side and pierced through a 16 Gauge M.S. box / Heavy Duty PVC box complete erected concealed in Ceiling with necessary finishing.		Ea.	
51	2	Ea.	Providing 2.5mm.thick laminated acrylic sheet to cover the fan hook or Fan box.		Ea.	
52	3	Nos.	Supplying & erecting approved make low noise decorative exhaust fan having size 200mm with 1350 RPM with square frame ABS body with inbuilt lowers & square frame.		Ea.	
53	8	Nos	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (A) LED Lamps integral type, with PC diffuser suitable LAMP holder (ii) 5 to 8 watts cat III		Ea.	
54	4	Nos	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection,Polycarbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (A) LED Lamps integral type,		Ea.	

			with PC diffuser suitable LAMP holder (v) 21 to 30 watts cat III			
55	36	Nos	<p>Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name</p> <p>160V to 270V, Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt , LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer incharge may select any wattage capacity between the ranges shown. (A) Square/ Circular shaped Surface/Recessed Mount Downlight with provision for spring loaded mounting clips complete. IP20 (iv) 22-24 watts, Surge-2 KV</p>		Ea.	
56	18	EA	<p>Supplying & erecting push button type telephone instrument having speaker phone Caller ID & hands free dialling system & 30 memories with display system (a) Single line BPL / SONY/ BEETEL or equivalent make</p>		EA	
57	7	EA	<p>Supplying and erecting approved make Bracket fan of 230 volt, A.C. 50 Cy/s., 400/450 mm sweep complete erected on wall or with lead Cores and connections complete</p>		EA	

58	20	MTS	<p>Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/aluminium pressure die cast powder coated and high U.V. & corrosion resistance with diffuser housed in aluminium casted body with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15 %, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates) (NOTE: Below description have shown ranges of Wattage capacity of LED fittings. The Engineer in charge may select any wattage capacity between the ranges shown.).</p> <p>(D) LED Strip Light (ii) Minimum 7.2W -240 LED per meter, (2 wire, IP-65) with non integral suitable Driver complete</p>		MTS	
59	1	Ea.	<p>Supplying and erecting approved make online Un-interruptible Power Supply system comprising flat cum-boost charger with IGBT base rectifier & Inverter & sealed maintenance free SMF batteries. The charger having operating capacity for input 160-270V AC & inverter having output 230V, 50 Hz AC with 0.8 load power factor with battery, over/under voltage output with over load & short circuit protection equipment. The system housed in CRC sheet duly powder coated paint with following power backup. with MS painted batteries stand, 10% Overload capacity for momentary load.</p> <p>(D) 5 KVA with 1Hr Backup</p>		Ea.	
(A)			ELECTRICAL WORK		TOTAL	

	AC Work (3 Star (BEE Grade)For AC WORKS ESTIMATE FOR UNITED INDIA INSURANCE COMPANY FORTUNE HEIGHTS SURAT				
SR NO	DESCRIPTION	UNIT	QTY	RATE	TOTAL
				IN RS.	IN RS.
A					
1	1.0 TR SPLIT AC 3 STAR	NOS	1		
	ATM-2 no				
2	1.5 TR SPLIT AC 3 STAR	NOS	0		
3	2.0 TR SPLIT AC 3 STAR	NOS	4		
	TOTAL-A		5		
	WITHOUT GST MACHINE AMOUNT				
B					
4	INSTALLATION CHARGES INCLUDING 12 RFT	NOS	9		
	COPPER PIPING WITH SLEVE & CABLE.				
	FOR,ABOVE MACHINE				
5	EXTRA COPPER PIPING WITH SLEVE AND CABLE	RFT	270		
	(BILL WILL BE GIVEN AS ACTUAL USE ON SITE)				
6	DRAIN PIPING WITH INSULATION	RFT	150		
	25 MM DIA				
	(BILL WILL BE GIVEN AS ACTUAL USE ON SITE)				
7	M.S.FABRICATED STAND WITH PAINT IF REQUIRE	NOS	5		
	(BILL WILL BE GIVEN AS ACTUAL USE ON SITE)				
8	CIVIL AND JERRY WORK	LOT	1		
	TOTAL-B				
	TOTAL COST A+B				

The contractor shall quote for the best of the materials specified below with ISI mark wherever applicable. The contractor shall obtain prior approval from the authority / Architect before placing order for the specific materials agencies. In case of non availability of any of the approved/specified materials/agency. During the execution of the work, the authority /Architect may approve suitable equivalent brand/agency and his decision shall be final and binding on the contractor and the price variations. If any, shall be adjusted accordingly.

S. No	Materials	Manufacturers
1.	Plywood	Archid / Century / (6mm,9mm, 12mm, 19mm).
2.	Laminates	Century / Archid / (1.0 / 1.5mm thick)
3.	Block board	Century / Archid /
4.	Soft Board (pin up board)	Jolly board, Western India plywood
5.	Gyp. board	India gypsum
6.	Metal ceiling	Luxelon, Superseal, Trident, Armstrong
7.	Vertical blinds	Vista, Universal
8.	Hardware	Godrej ,Ozone, Hettich
9.	Drawer shutter lock	Godrej ,Ozone, Hettich (3 set of keys)
10.	Ball catch	Magnetic (M-2) / Brass
11.	Door lock / handles	Godrej ,Ozone, Hettich
12.	Veneer	Anchor / euro / Century
13.	Adhesives	Fevicol (SH), Araldite
14.	Wood preservatives	Woodguard, PCI, Black Japan
15.	Door closure	Godrej ,Ozone, Hettich
16.	Glass	Modi / Asahi /Saint Gobain
17.	Glass tinted	Same as above.
18.	Melamine Polish	Asian paint, Nerolac, French / Zinc oxide
19.	Paint	ICI, Burger, Nerolac, Asian.
20.	Vitrified tiles	Somani, / Vermora / ,Kajaria
21.	Ceramic tiles(Non-Skid)	Somani, / Vermora / ,Kajaria

22.	Alu. Door & window sections	Hindalco / Jindal /
23.	Floor springs	Godrej ,Ozone, Hettich
24.	Wood preservative	Asian paint
25.	Stainless steel sink	Nirali
26.	Carpet	Hitkari / Modi / Trans Asia
27.	Rubber foam	34 density mm foam
28.	WC seat cover	Parryware / Hindustan / Supreme
29	Toilet paper holder	Parryware / Hindustan / Nycer
30.	Flush Door Shutters	Century/ Green / Archid /
31	Aluminum Hardware/fittings	Argent / Classic / Shalimar
32.	Brass Mortice Locks & Latches	Godrej ,Ozone, Hettich
33.	Latches with Internal locks	Godrej ,Ozone, Hettich
34.	Floor Type Hydraulic door closer (Floor spring)	Godrej ,Ozone, Hettich
35.	Aluminum door, window and ventilator sections.	Jindal / Indal / Hindalco
36.	Water proofing material / compound.	PIDYLIGHT / Roff/Chembond
37.	Glazed Tiles	Vermora / Somani/ Nitco /
38.	Cement Concrete (Chequered) Tiles	Vermora / Somani/ Nitco /
39.	Glass Mosaic Tiles	Vermora / Somani/ Nitco /
40.	Synthetic Enamel Paint	Asian / Nerolac /Berger
41.	Oil Bound Distemper	Asian / Burger / Nerolac
42.	Plastic Paint	Asian/ Burger / Nerolac

43.	Paneled Doors	Archid/ Century
44.	P.V.C. Doors	Sintex / Mihir / Fixopan
45.	Hardeners	"Ironite".
46.	Red Oxide	"Asian"
47.	Waterproof cement paint / acrylic paint	Snocem India, Nerolac, Nitcocem
48.	Glazing	"Hindustan Pilkington" Tiveni, Modi
49.	Water seal (Epoxy-sterarate) compound	As approved by Architect / Engineer
50.	Medium density fiber-board in lieu of partitions paneled doors and flush doors.	Nuwood, mangalam
51.	Modular Furniture (chairs sofa,dining table)	Antique Modular ,xylus,

The choice of the final makes shall be made by the consultant

APPROVED LIST OF ELECTRICAL MATERIAL

Description	Brand
11 KV CIRCUIT BREAKER PANEL	ABB / SEIMENS / AREVA
11 KV / 0.4 KV TRANSFORMERS	CROMPTON / KIRLOSKER / AREVA / SEIMENS
BATTERY CHARGING PANEL	KELTRON / NELCO
BATTERIES	EXIDE / AMCO / STANDARD
LT PANEL	NEPTUNE (INDIA) LTD. / ZETA SWITCH GEARS / KRYPTON POWER CONTROL INDIA PVT LTD. / ADLEC SYSTEM / N E C
11 KV Isolator and D O Fuses	AMEI / ELLPRO / STERLING
Capacitor	Wipro /L&T
APFC relay	L & T KHATAU / DUCATI / SYNTRON
M.C.B. / RCCB / RCBO/ELCB	Wipro /L&T
Distribution Boards	Wipro /L&T
Switch Fuse Units With HRC fuses	GE / L&T / ABB
Moulded Case Circuit Breaker (MCCB)	Wipro /L&T
Air Circuit Breakers	ABB (EMEX/L&T(C POWER)
Current Transformer / Meters / Voltage Transformers / Relays / Starters / Contactors / Selector Switch / Indicating Lamps	L & T / SIEMENS / AUTOMATIC ELECTRIC / CONTROL & SWITCH GEARS / ABB
Change Over Switches	Wipro /L&T
Cable Glands and Sockets	SIEMENS
PVC insulated Copper conductor wires	FINOLEX / RR / POLYCAB
Telephone Wires and cables	FINOLEX / (RPG/BIRLA ERRICSON POLYCAB
Television Coaxial cable	FINOLEX / RR /RPG / L&T
PVC / XLPE Insulated 11 KV / 1.1 KV Cables	UNIVERSAL /FORT CLOSTER / NICCO / FINOLEX/POLYCAB
Switches and Sockets outlets (Conventional piano type)	Wipro /L&T /ANCHOR
Switches and Sockets outlets (Modular type)	Wipro /L&T /ANCHOR
Industrial outlet	LEXIC / HAGER / ABB
MIS Conduits and Accessories	B.E.C./AKG/MK

PVC Conduits and accessories	AKG/BEC/CAP/SEIKO / [POLYCAB
Fluorescent Tube Fitting	PHILIPS /WIPRO/ L&T /ANCHOR
Incandescent Light Fitting	DECON/PHILIPS / BAJAJ / WIPRO
Hpmv/hpsv/ halogen Lamp	PHILIPS / WIPRO
Ceiling Fans / Exhaust Fans	CROMPTON / BAJAJ
Floor / Wall Raceways to date	MK/ LK/ MDS
Computer networking – outlet	AMP/SYSTEMAX / LUCENT
Electronic Energy Meters	SECURE / L&T
UPS	EMERSON / POWERWARE / TATA LIBERT
Ceiling Rose holders	ANCHOR
Buzzers/Bell Push bell	ANCHOR
MCB Distribution Board	MOS/LEGRAND/SIEMENS /HAGER
HRC Switch Fuse nits	SIEMENS ABB/GE/L&T
Cable Glands/Lugs	SIEMENS/DOWELLS
Electronic Regulator	MK/ANCHOR/ROMA/DEGRAND/MDS
Contractors	SIEMENS/L&T/ABB/SCHNIEDER
Geysers/water/heater	SPHERE HOT /RACOLD/USHA
Hi wall split units	Voltas, Carrier, Toshiba, Bluestar

NOTE:

Sr. No.	Description
1.	The choice of the final makes shall be made by the Authority / consultant
2.	The samples or Cat.No. of all type of switches & light fittings should be Approved before execution.

