

क्षेत्रीय कार्यालय मऊ

ख्वाजाजहांपुर, ओवर ब्रिज के निकट, बलिया मंड, मऊ

संदर्भ: क्षेका/मऊ/ / 2022 दिनांक: 19.07.2022

Subject: Tenders Notice for Furnishing, Electrical and A.C works of Khairabad Branch

Union Bank of India invites sealed tenders in one bid system from the empaneled contractors/vendors for the furnishing, electrical and A.C works at our new premise of Khairabad Branch

Issue of tender documents	From 21/07/2022 to 10/08/2022
Last Date of Submission	10/08/2022 UPTO 4.00 (P.M.) HOURS
Date of opening of tenders	11/08/2022 TIME 12.00 (P.M.) (TENDERS WILL BE OPENED IN PRESENCE OF CONTRACTING AGENCIES)
Price of the Tender Document	Rs.1000.00 for each tender separately (Non Refundable) BY WAY OF PAY ORDER/DD payable at Mau

Detail information & tender form will be available & can be downloaded from bank's website. [http://www.unionbankofindia.co.in/Tenders.aspx] & www.eprocure.gov.in

The sealed tenders should be submitted to:-

Regional Head
UNION BANK OF INDIA Regional Office, Mau
1st Floor, Kwajajahampur, Near Over bridge
Balua Mod, Mau, (U.P), PIN 275101

Duly subscribing "TENDER FOR FURNISHING/ELECTRICAL/A.C WORKS OF khairabad Branch" at the address mentioned above before the time stated.

Tender Issued to: Furnishers, Electricians and A.C Worker on the approved panel of the Union Bank of India, Regional Office, Mau ONLY.

The Bank reserves the right to reject any or all applications without assigning any reasons whatsoever.


Regional Head
UNION BANK OF INDIA,
Regional Office, Mau

GENERAL CONDITIONS OF CONTRAC

Subject: Tenders for Furnishing, Electrical and A.C. works of khairabad branch.

General Instructions to Contractor

1. **Inspection of sites:** The contractor shall visit and examine the site and satisfy as to the nature and correct dimensions of work and facilities for obtaining material and shall obtain generally his own information on all matters affecting the execution of work. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points on the ground of insufficient description will be allowed. All expenses incurred by the contractors in connection with obtaining information for submitting this tender including his visit to site and efforts in compiling the tender shall be borne by the tenderer and no claims for reimbursement thereof shall be entertained.
2. **Safety Regulations:** The contractor shall take all the necessary precautions while working and to safeguard adjacent property, Bank's property, Bank's employees, and traffic persons
3. **Compliance to local laws:** The contractor shall conform to the provisions of any Act of the Legislature relating to the work and to the Regulation of Bye Laws of any authority. He shall also obtain the permission of the Municipality or any other Authorities if required under the existing rules.
4. **Site cleaning:** All the rates quoted are inclusive of removal of rubbish / debris collected during the progress of work, rejected material and clearance of site before and after the work is completed. Not more than one truck load shall be stored that to for not more than 3 days. The contractor shall arrange to remove the same immediately. If the contractor is failing to remove the same and the expenses shall be recovered from the contractor and he will not dispute for the expenses so incurred.
5. **Vouchers / bills:** Contractor shall upon the request of the Bank furnish bills, invoices, accounts, receipts and other vouchers for all materials brought on site to prove that the material purchased are as mentioned in the specification.
6. **Contractor's responsibility:** The work will from time to time be examined by Bank's Architect / Engineer, but such examination shall not in any way exonerate the contractor from the obligation

to remedying any defects which may be observed at any stage of the work or after the same is completed.

7 **Dismissal from work:** The contractor shall upon the written request of the Bank's Architect / Engineer immediately dismiss from the work any person employed by him thereon, who may in the opinion of the authority be incompetent or misconduct himself and such person shall not be again employed on the work, without the permission of the bank.

8 **Order of work, etc.:** Bank reserves the right to fix the order in which the various items of work involved are to be executed. However, the contractor shall be responsible for the completion of the entire job within the item limit specified failing which liquidated damages as mentioned in clause No.49 shall be recovered from the contractor.

9 **Commencement of work:** The work must be started within 7 days after accepting the work order and the program for carrying out the various jobs shall be drawn out in consultation with the Bank's Architect / Engineer. Adequate labor force shall be provided to complete the work within the specified period. Proper security aspects should be taken care of by adequate vigilance in view of the importance of the building. Default in compliance with the programs so finalized shall entail operation of liquidated damages as stated.

10 **Subletting the work:** The contractor shall not directly or indirectly sublet the work to other party without written permission from the bank.

11 **Quantities of works are provisional:** The quantities mentioned in schedule are provisional and likely to increase / decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit / business shall be entertained on this account

12 **Distribution of work:** The Bank reserve the right to distribute the work for which quotation have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the bank.

13 **Third party damage:** The contractor shall be responsible for all injury to persons, animals, building, and building structure, any damage to road, streets, and footpaths and shall rectify it at its own cost.

14 **Insurance cover:** All the workers of the contractor as well as his sub-contractor must be properly covered by an Insurance Policy under Workman's Compensation Act and Fatal Accidents Act. The contractor at his own expenses arrange to effect and maintain until the virtual completion of the contract, insurance policy in the joint name of the Bank and the

contractor against this risk to be retained by the Bank until the virtual completion of the work, and indemnify the Bank from all the liabilities arising out of such events. In case of delay, contractor shall arrange to extend insurance policy till work is completed.

15 **Delay & Extension of time:** All the work should be completed within the specified period in the tender. If the work is delayed due to the reasons beyond the control of the contractor, he should applying to the Bank explaining, therein the reasons for such delays, immediately and if in the opinion of Bank's authorities the delay is justified, the contractor shall be granted extension in time limit.

16 **Certificate of virtual completion:** As soon as the work is completed, the contractor shall inform in writing such completion to the Bank's Architect / Engineer who will inspect the work and if satisfied will issue the certificate that the work has been virtually completed and the defects liability period shall commence from the date of such certificate.

17 **Defect liability period:** The defects or other faults which may appear during the defect liability period which is 12 months after the virtual completion of the work, arising in the opinion of the bank due to inferior quality of material or bad workmanship not in accordance with the contract, contractor shall make good at his own cost within a reasonable time. In case of default, Bank may employ and pay other agencies to amend and make good such defects and all expenses / damages / losses shall be recoverable by Bank or may be deducted from any money due to the contractor

18 **Arrangement of work:** The contractor shall organize the work in such a way that the office users or the nearby public area put to no hardships and the working of the office is not affected. The contractor shall take adequate care during the progress of work to protect the office property like stationery, furniture, etc. In case of any damage, the same shall be made good by the contractor. Contractor is agreed to work after office hours for which no extra cost shall be considered.

19 **Stacking of material:** The contractor is not to stack any of his material recklessly so as to endanger the safety of the building and cause any nuisance to the occupants and the public.

20 **Extra charges:** It must be clearly understood that all the conditions of contracts are intended to be strictly enforced and that no extra charges in respect of extra work will be allowed unless they are clearly outside the spirit and meaning of the condition and unless such work shall have been ordered in writing.

21 **Protection of material and work:** The contractor shall be responsible for storing and watching his own material and protecting the work at his own cost. The contractor and his worker will be allowed to use lift after office hours. However, no paint drums or heavy bag of cement / paint will be allowed to be taken into the lift. Any damage / spoiling of lift / floor / dado caused during such act will have to be made good by the contractor at his own expenditure.

22 **Water supply:** The contractor shall make his own arrangement for water required for the work. in case the water is available and supplied by the Bank, the charges for the same shall be recovered at the rate of 1% of value of the work executed. In case water supplied by the Bank, the contractor shall make his own arrangement for the storage, pipeline from point of tape of to the required location.

23 **Electric supply:** Electricity will be supplied by the Bank; the contractor shall make his own arrangement for providing points, wires lines, extension board wherever it is required in the premises, in and out.

24 **Approval of samples:** The contractor shall furnish well in time before work commence at his own cost, color samples, samples of material or workmanship that may be called by Bank's Architect / Engineer for approval. Rates quoted shall cover for such preliminary work.

25 **Workmanship:** The work involved calls for a high standard of workmanship combined with speed. All the glass panes, door handles / hinges, electric fitting, fans, furniture records, floors etc. are to be thoroughly cleaned after work is completed. Any damage to the flooring, tiles, dado, paneling or any other part of the building, etc. shall be made good at the cost of the contractor to the entire satisfaction of the Bank. Contractor shall make all arrangements for shifting of furniture / records and keeping the same in its original position after he finishes the work on daily basis. The contractor at his own cost shall provide brown paper, polythene, tarpaulin etc. for protecting furniture / fixtures, paneling, electrical, fittings, records, etc.

26 **Interpretation of documents / drawing:** Except where otherwise provided in the contract all questions and disputes relating to the meaning of the specifications, design drawings and instructions herein before mentioned and as to the quality of workmanship or materials used for the work or as to any other question, claim, right, matter or thing whatsoever, in any way arising out of or relating to the contract, designs, drawings

specifications, estimates, instructions, orders or these conditions or otherwise concerning the works, or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof shall be referred to the competent authority of the Bank whose decision shall be final and binding on the contractor.

27 **Use of scaffolding:** The contractor shall allow the use of scaffolding erected by them to any other agency employed by the Bank during the contract period without any payment.

28 **Provisional Item:** If ordered by the Bank, contractor shall be required to carry out provisional items at the same conditions and rates as applicable for this contract.

29 **Measurements of all concealed items:** Measurements of all concealed items of work and extra item if any, shall be got recorded by the Bank's Architect / Engineer before they are checked up.

30 **Measurements:** All measurement tapes shall be of steel and all scaffolding and ladders that may be required for taking measurements shall be supplied by the contractor.

31 **Cleaning during the work:** The rates quoted shall include cleaning of ceiling roses, electric switches, boards, window panes etc. after the repairing leaving the site neat and tidy from time to time.

32 **Complying I.S. specification:** Unless otherwise mentioned in the contract, the latest Indian Standard Code for material specifications, method of work, and mode of measurements shall be followed. The payment shall be made on the basis of actual measurement of work done to be submitted along with bill

33 **Rate to include:** The rates quoted by the contractor shall cover for work at any height in the premises for all finished items under this contract. The rate quoted shall be inclusive of all material cost, wastage, labor, loading, profit, taxes if any, scaffolding, transport, supervision, spot light arrangement and any other means to complete the job. Octroi, sales-tax, works contract tax or any other taxes present or future to be included in the rates so quoted. If there is a change in the tax structure / duties as per State / Central Govt. order after opening of tender, the Bank shall reimburse difference in tax as per actual.

- 34 **Price Fluctuation:** The rates quoted by the contractor shall be firm throughout the currency of contract (including extension of time if any granted) and will not be subject to any fluctuation due to variation in the cost of material or labor.
- 35 The successful tenderer if called upon to do so, shall obtain a letter from the approved trade manufacturer whose product is used, if found necessary by the Bank confirming that the manufacturer shall provide all the technical assistance and supervision during the execution of the work at all such places as directed and the contractor shall bear the expenses, if any, for such supervision and technical assistance supplied by the trade manufacturer.
- 36 **Testing of materials:** If at any point of time during the work, if Bank authorities desire to carry out the tests of certain materials, the contractor shall arrange for the same and submit the test report without any extra cost to the Bank.
- 37 The contractor shall note that they should bring to the notice of the Architect / Engineer any breakage in glass window before starting work. However, if any glass window is found to be broken during the repairing work, the same shall be replaced by the contractor at his own cost.
- 38 **Conditional tenders:** Conditional tenders are liable to be rejected.
- 39 **Rates of non-tendered items:** The successful tenderer is bound to carry out any item of work necessary for the completion of the job even though such items are not included in schedule of quantities.
- 40 **Abandonment of work:** If in any case the work required to be abandoned, the contractor shall not be entitled for any claims and he will be paid as per the actual work done till that period.
- 41 The Bank reserves the right to accept / reject the lower or any or all tenders in part or in whole without assigning a reason thereof.
- 42 Decision of the Bank shall be final and binding on any matter connected with the work. The matter of any dispute shall be decided after mutual discussions based on the terms and conditions of this contract. However, if the matter cannot be resolved then the same shall be referred to the respected, qualified person in the field agreed to both the parties and his opinion shall be binding on both the parties. However, this is precourse to any legal action in this regard.
- 43 **Incomplete quotation:** Incomplete quotations shall be summarily rejected

- 44 **Payments:** The contractor shall be paid by the Bank from time to time under interim payment on account of works executed and when the value of work equal to the approximate value named in the Appendix as 'Value of work for Interim Certificate' has been executed in accordance with this contract.
- 45 When the work has been virtually completed and Bank's Architects / Engineer has certified in writing that the work has been completed on the basis of detailed measurements and has made a final scrutiny and that there is no dispute items, rates, ad quantities, the contractor shall be entitled to the payment of the final bill in accordance with the final certificate which will be honored within the period specified in the Appendix as period of honoring final certificate.
- 46 The contractor shall be paid by the Bank within the period named in Appendix (period of honoring certificate) after such certificate has been delivered to the employer by the Bank's Architect / Engineer. Bank's Architect / Engineer has power to withhold any certificate in the work or any part thereof are not carried out to his satisfaction or the contractor fails to show the desired progress or fails to follow the instructions given or in case of breach of this contract.
- 47 For water proofing works on traces, bathroom, WC, Chajja, work has to be executed through the agency specialized in waterproofing. Contractor will have to submit a guarantee of 10 years on stamp papers as per the format to be prescribed by the Bank.
- 48 Earnest Money Deposit of successful tenderer shall be treated as security deposit. The contractor should pay this amount to the Bank by DD or PO at the time of submission of tender. This amount shall be retained by the Bank till the work is virtually completed and all amounts relating thereto settled. Second part of security deposit shall be built through the retentions from interim and final bills of the contractor and the amount of retention shall be as stated in the Appendix.
- 49 When the certificate of the virtual completion is issued to the contractor the security deposit in the form of EMD and 50% of retention money shall be refunded, provided that the contractor has fulfilled all the conditions of contract and further provided that the employer has no claim for forfeiture of part or whole of the said deposit. The balance 50% of the retention money built up through retention from interim and final bills will be returned to the contractor after the expiry of defect liability period, subject to deductions for any appropriations thereof required to be made by the Bank as per conditions of the contract. The contractor should note that no interest will be allowed on his security deposit.
- 50 The contractor is requested to sign each page of the quotation and put rubber stamp, seal below his signature and seal the quotation in an envelope.

- 51 **Liquidated damages:** If the contractor fails to maintain the required progress or to complete the work and clear the site or before the contract or extended date period of completion, he shall without prejudice to any other right, pay as agreed compensation amount of ___% of contract amount per week of delay subject to maximum of ___% of contract amount as liquidated damages.
- 52 **Records & measurements:** Measurements shall be taken jointly by Bank's Architect / Engineer and contractor and shall without extra charges provide assistance with appliance; labor and other things necessary for the work and measurements will be signed and dated by both the parties on completion of measurements.
- 53 **Safety measures:** The contractor at his own cost shall provide tarpaulins on the external side of the building at the time of breaking plaster etc. to safeguard adjacent property, Bank's property, employees, traffic, etc. The contractor shall follow all the safety measures while carrying out the work. Employer that is Bank shall not be liable for any compensation due to accident, any mishap or negligence.
- 54 If there is delay in commencement of work for any reason, the employer that is Bank shall not be liable for any compensation.
- 55 If at any point of time during the progress, it is observed that the contractor is not progressing the work with due diligence, care and lagging much behind the schedule or fails to gear up the work despite instructions from Bank's Architects, the employer (Bank) reserves the right to terminate the contract with 7 days' notice. In such case, the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages. In case of such termination the security deposit held by the Bank will be forfeited
- 56 Although the number of coats of paints / polishing / white washing are specified the contractor will have to additional coats if the surface is not to the satisfaction of the Bank's Architect / Engineer and there shall be no extra payment on account of such coats
- 57 **First Aid:** The contractor shall be responsible for all first aid and he shall keep the site fully equipped to meet such emergency.
- 58 **Supervision:** The contractor is required to have on site during all working hours a competent supervisor (acceptable to Bank) who will be responsible for the conduct of worker and who has authority to receive and act on such instructions issued by the Architect / Engineer of Bank.
- 59 All work shall be carried out in a workman-like manner to the entire satisfaction of the Architect / Engineers.

60 Contractor shall follow all rules / regulations in force and should possess the license for employing labor and also follow all safety measures, labor bye law and shall be responsible for any lapse.

61 Transfer of Tender Documents: Transfer of tender documents purchased by one intending tenderer to another is not permissible.

62 Safety: The contractor shall carry out the entire work in a workman like manner having full regard for the safety of the men working at site. All safe practices shall be strictly adhered to by the workmen of the contractor like wearing helmets, safety belts when working at heights, gloves when handling sharp objects and reinforcement, eye shields during welding, safety shoes, etc. The contractor shall protect sides of openings in floor slabs, edges of slabs, stairs, stairwells etc. with barricades, warning signs / lights and educate all his workmen regarding following safe working practices. He shall provide first aid boxes at site.

In spite of following safe methods, in case of any unfortunate accident, the contractor shall indemnify the employer against any expenses or claims towards treatment or compensation.

63 Nuisance: The contractor shall not any time do cause or permit anyone to do or cause any nuisance on the site or do anything which shall cause unnecessary disturbance of inconvenience to the Employer or to the owners, tenants or occupiers of other properties near the site and to the public generally.

64 Rights, remedies and powers:

1) Termination of contract due to contractor's default. If the contractor:

a. Abandon the contract.

b. At any time defaults in proceedings with the works with due diligence and continues to do so after a notice in writing of seven days from the Engineer or Project Architect or Employer, or

c. Commits default in complying with any of the terms and conditions of the contract and do not remedy it within 7 days after a notice in writing is given to him in that behalf of the Engineer or Project Architect or Employer.

d. Persistently disregards the instructions of the Engineer, Project Architect or contravenes any provision of the contract, or

- e. Fails to remove materials from the site or to pull down and replace work after receiving from the Engineer, Project Architect notice to the effect that the said materials or works have been rejected.
- f. Fails to complete the works or items of work on or before the stipulated date (s) of completion, and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer, or Project Architect of Employer, or
- g. Offer or gives or agrees to give to any person in the Employer's service or to any other person on this behalf, any gift or consideration of any kind as an inducement or reward for doing or forbearing to do so for having done or forborne to do any act in relation to the obtaining or execution of this or any other contract for the Employer, or
- h. Shall enter into a contract with the Employer in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have previously been disclosed in writing to the Employer / Engineer, or
- i. Shall obtain a contract with the Employer as a result of ring tendering or other non-bonafide methods of competitive tendency, or
- j. Being an individual, or if a firm, any partner thereof, shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or support so to do, or any application be made under any Insolvency Act for the time being in force for the sequestration of his estates or if a trust deed be executed by him for benefit of his creditors, or
- k. Being a company, shall pass a resolution or the court shall make an order for the liquidation of its affairs, or a appointed or circumstances shall arise which entitle the court or debenture holders to appoint a receiver or manager, or
- l. Shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days, or
- m. Assigns, transfers, sublets (engagement of labor on a piece work basis or of labor with materials not to be incorporated in the work, shall not be deemed to be sub-letting) or attempts to

assign, transfer or sub-let the entire works, or any portion thereof without the prior written approval of the employer.

The Bank may, without prejudice to any other right or remedy which shall have accrued or shall accrue thereafter as the Employer by written notice determine the contract either as a whole or in part.

II) Upon such determination of the contract in whole or in part, the security deposit with the Employer in respect of the contract shall stand forfeited to the Employer without in any way affecting the rights of the Employer.

III) Rights of the employer after determination of the contract due to contractor's default.

The Engineer shall on such determination have powers to:

- a. Take possession of the site and any materials equipment, plant, implements stores etc. thereon, and / or
- b. Carry out the incomplete work by any means at the risk and cost of the contractor.

IV) On determination of the contract in full or in part, the Engineer shall determine what amount, if any, is recoverable from the contractor for completion of the works or part of the works or in case the works or part of the works is not to be completed, the loss or damage suffered by the Employer. In determining the amount, credit shall be given to the contractor for the value of the work executed by him up to the time of cancellation or the value of contractor's materials to be present so as to record the measurements in his presence. If the contractor fails to be present in response to the notice, the recording of measurements shall be proceeded with ex-parte and the measurements as recorded shall be binding the contractor.

V) The Bank shall have the right to use contractor's plant, machinery and materials on the balance work but shall not in any way be responsible for any damage or loss of the same and the contractor shall not be entitled to any compensation thereof.

APPENDIX TO THE CONTRACT DOCUMENTS

Subject: Furnishing, Electrical and A.C works of Khairabad Branch

1. Defect liability period : 12 months from the date of virtual Completion of work.
2. Date of commencement : 7 days after the contract is accepted by the contractor
3. Date of completion : 1(one) month.
4. Liquidated damages :
 - a) 1% of contract amount per week / day of delay subject to maximum of 10% of contract amount for the works of less than 6-month completion period.
 - b) 0.5% of contract amount per week / day of delay subject to maximum of 7.5% of contract amount for the works of which completion period is 6 months to 24 month's completion period.
5. Period of honoring final certificate : 45 days
6. Value of work for interim certificate : Rs. _____
7. Period of honoring certificate : 15 days
8. Retention money : 8% of the bill value will be deducted as retention subject to maximum security deposit, exclusive of EMD. 50% of the retention money so held shall be refunded after virtual completion and balance 50% after defects liability period.
9. Initial security deposit including earnest money deposit already Submitted. : Rs. _____
10. Total Security deposit : 10% of the contract amount
11. Earnest Money to be submitted : 2% of the estimated cost of work by Demand draft or pay order on any Nationalized Bank drawn in favor of Union Bank of India payable at Mau.

TENDER NOTICE

Sealed item rate tenders are invited by Union Bank of India, Regional Office Mau. The approximate cost of the work for Khairabad Branch is _____

Site	Furnishing	EMD	Electricals & AC Work	EMD
Union Bank of India, Khairabad Branch AT & POST KHAIRABAD, Mau	7.14 lac	14200/-	7.80 lac	15600/-

1. The tenderers are required to complete tender form, price the schedule of quantities and sign each page of tender documents before submission. The completed set is to be enclosed in a sealed envelope addressed to:

Regional Head

UNION BANK OF INDIA Regional Office, Mau
1st Floor, Kwajajahanpur, Near Over bridge
Balua Mod, Mau, PIN- 275101

2. TENDER below, 80% of The Estimation, Will Not Be Considered for L1. Bank Has Right to Accept/Reject as Per Bank Policy Matters
3. Tenders will be received up to 4.00(P.M.) hours on 10/08/2022.
4. No tender will be received after the expiry of the time notified for receiving tenders under any circumstances whatsoever.
5. The tender will be opened at 12.00(P.M.) hours on 11th Aug 2022 at above address in the presence of authorized representative of contracting agency if any present.
6. Vendors submitting Tender for Furnishing, Electrical and A.C. Work should be on the approved panel of the Union Bank of India, Regional Office Mau Only.
7. The work to be completed within ONE month from 7th day of the date of acceptance of work order placed by Union Bank of India.
8. Tender shall remain valid for acceptance for a period of 7 days from the notified last date of tender submission.
9. The Bank reserves the right to reject any or all tender received without assignment of any reasons whatsoever.
10. The tender rate against each item of work / price indicated in the schedule of quantities and rates / price should be indicated both in words and figures. In case of any discrepancy, the rates indicated in words would prevail.
11. The rates quoted against each item of work / price should be for the complete finished item of work and include all labor, material, taxes, overhead, duties, etc. Any statutory change in the tax structure after opening of the tender shall be reimbursed by the Bank as per actual.
12. Each tender shall be accompanied by 2% **Earnest Money & Tender Cost mentioned as above** in the form of Pay Order / Demand Draft in favor of Union Bank of India, payable at Mau. Tenders without Earnest Money & Tender Cost shall be summarily rejected.
13. The earnest money deposited shall not carry any interest and will be refunded to the unsuccessful tenderers. Earnest money paid by the successful contractor will be retained by the Bank till completion of the work.
14. Earnest money paid by contractor shall be forfeited by the Bank if contractor fails to undertake the job if he is communicated about acceptance of his rates.
15. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
16. This tender notice shall form part of the contract documents.

Material Specification for Electrical Work

Tube Light	: Phillips
Switches	: / Legrand (Artiar)/Anchor roma
Wire/Cable	: Anchor/Finolex/National /Havells/ CCI
Fan	: Crompton Greaves (high Breeze)/USHA
Exhaust Fan	: Almorand/Khaitan
M. C. B. / D. B./MCCB	: MDS/Schneider/Siemens/havells
Main Switch	: /L&T/Havells
Change Over	: /L&T/ABB/Havells
PVC Conduit	: AKG/ Sieko

**Schedule Of quantities for Electrical /Air Conditioning/LAN Cabling work of Khairabad
Branch Union Bank Of India RO MAU**

Sl. No.	Particulars	Qty.	Unit	Rate/Unit Rs. P.	Amount Rs. P.
1	S/F of plug socket board consisting of 3 plug 5 Amp, three pin, two switch with 1.5 sq mm separate circuit wiring for computer.(Modular board Switch)	13	No		
2	S/F of UPS earthing - S/burying of Dual pipe technology (Pipe in Pipe) earthing electrode having GI 80mm O/D pipe with 25 micron coating, 3metres long. The space between two pipes to be filled with Highly conductive & Non corrosive chemical compound. The vacant space between pipe & hole shall also be filled with compound all around. The job also includes S/F of GI strip clamp with two holes (with SS/GI bolts & nuts) on the electrode & taking two earthing leads of 4mm dia copper wire (Assumed length of 10m - beyond 10m to be paid extra) upto Main panel complete in all respects with guaranteed E/N voltage of less than 2 volts and resistance less than 1 ohms. The 4mm dia Cu. earth wire shall be terminated on a separate 6way earthlink. The connections for Panel earthing & earth bus in the panel should be taken from this earthlink	4	No		-
3	S/F Of High performance LED indoor decorative recess 2x2 (600X600MM) FullLit fixture in 35W.Unique minimalistic design creates inviting atmosphere. Minimalistic designed CRCA housing body for excellent Mechanical stability. Long lifespan: 50,000 hours, help to reduce maintenance cost service life. High system efficacy: 95Lm/W In built electrical protections like over voltage, short circuit, over load, miss wiring for additional safety precautions Phillips RC380 B LED 34S6500KAwith modular switches , 1.5 sq mm copper wiring etc.	11	No		

Sl. No.	Particulars	Qty.	Unit	Rate/Unit Rs. P.	Amount Rs. P.
4	S/W 10 Amp. Plug point with 2.5 sq mm copper wire in counter with continuous earthing wire complete in all respect with modular switches /socket.	16	No		
5	S/F of LED Batten 20 watt light Fitting with 1.5 sq mm wiring complete in all respect including modular switches	5	No		-
6	S/F of 20 Amp plug point with 2.5 sq mm wiring including modular switches/socket with continuous circuit wiring.	10	No		
7	Supplying and wiring for Telephone point with twisted annealed, copper conductor PVC insulated and PVC sheathed telephone wire with socket in 14 SWG with all the accessories in concealed manner with 2-pin socket in suitable size of MS box.	3	No		
8	Supplying and fixing 4 WAY TPN DB Double door 1P43 With 10-32 amp SP MCB 10 KA & 63 AMP 4 POLE MCB	1	No		
9	Providing & Fixing of wall mounted fans (400dia) complete with 1.5 sq mm wiring and modular switches .The work to include making hole in wall	16	No		-
10	Supplying and fixing of Call Bell in BM's cabin including wiring etc.	1	No		
11	Supplying and Fixing of cabin fans (400Dia) in cash cabin/ in 1.5 sq mm wiring and modular switches.	2	No		
12	Supplying and Fixing of circuit wiring for computer in 2.5 sq mm copper wire.	13	No		
13	Supplying and Fixing of circuit wiring for lights and fans 1.5 sq mm copper wire complete in all respect.	15	no		

Sl. No.	Particulars	Qty.	Unit	Rate/Unit Rs. P.	Amount Rs. P.
14	Supply of Recessed mounting LED Down Light Fitting suitable for 15 Watt with powder coated pressure diecast aluminium housing buit electrical protection like over voltage, short circuit , over loading , miswiring for additional safety protection , miswiring for additional safety protection 5600/6500K , Rated life 50000hrs Phillips DN 393B LED 20S 6500KA including 1.5 sq mm copper wiring and modular switches	30	No		
15	S/F of A.C. point wiring with 2x 4 sq mm+1x1.5 sq mm copper wire and metal socket MCB 20 Amp. complete For 1.5 Ton/2Ton	6	no		
16	Supplying and Fixing of exhaust fan in toilet 15 inch dia 1.5 sq mm wiring and modular switches.	2	no		
17	S/F of ceiling fans (1200 dia) with hooks in rooms with adding rod of suitable length wherever necessary including 1.5 sq mm wiring and modular switches and regulator	2	no		
18	Supplying and fixing of 12 way SPN Distribution Board double Door with 12 nos SP MCB and 1 no DPRCCB 40 amp for computer and light fan.	3	no		
19	S & F of 4 way SPN DB with 2 No 32/40 amp double pole MCB 10 KA in sheet steel enclosure double door	1	no		-
20	Sub main wiring of UPS input and UPS output power supply with 2 no 6 sq mm No. 4 sq mm copper flexible wire in PVC conduit pipe .(payment as/actual length on site)	70	mtr.		-

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
21	Sub main Wiring of power supply from Main to TPN distribution Board with 4 nos 10 sq mm copper flexible wire and 1 no 6 sq mm earth wire in PVC conduit pipe .(payment as/actual length onsite)	70	mtr.		
22	Supplying / Fabricating / installation of Panel Board made of 16 gauge CRC sheet 415 V Incoming: TPN MCCB 250 Amp _1 No 36 KA (4 pole) Out going 100 Amp MCCB 4 pole -3 no 250 Amp Change Over 4 pole__ 1 No 32/40 Amp Change Over for ups __ 1 No and 63 Amp 4 Pole MCB - 1 no With Double Bus Bar Chamber Complete with metering system	1	Set		
23	Supply and fixing of Main line cable work from pole to DB in hall with 50sq mm x 3 ½ core cable with wiring. (Length to be as/site condition)	80	mtrs		-
24	Supplying and fixing on board 3 no KIT KAT cut out 200 amp with neutral link on board	1	job		
25	Fixing of ceiling fans (1200 dia) with hooks in rooms with adding rod of suitable length wherever necessary including 1.5 sq mm wiring and modular switches and regulator	0	no	-	-
26	S/F of light point (LED lights 9 watt) in 1.5 sq mm wiring complete in all respect including modular switches .	10	No		-

AIR CONDITIONING WORK					
Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
27	Supplying and Installation of 1.5T Split AC Voltas/Bluestar make star rated 3 with remote including both Indoor and outdoor units , Electrical wiring refrigerant piping and wiring upto 5 mtr	6	Each		
28	Supplying and Installation of 1.0T Split AC Voltas/Bluestar make star rated 3 with remote including both Indoor and outdoor	2	Each		
29	Supplying & Installation of Voltage Correctors make : Capri/V Guard ,4Kva 150V -280 V (for 1.5 T)	8	Each		
30	Supplying & Fixing of Copper wiring beyond 5 Mtr in case of split AC	38	Mtr		
31	Providing and Fixing of MS Stand for Split AC /cassete AC	8	Each		
32	Extra Copper Piping beyond 3 mtr in case of Split AC (Aprox)	50	Mtr		
33	Drainage Piping (PVC) for split AC including cutting in the wall to drainage area	70	Mtr		
34	LAN Cabling Supplying and drawing CAT 6 PVC insulated and Sheathed LAN cable through PVC conduit including testing, commissioning etc.as required.	350	Mtr		
35	Supplying and fixing of RJ modem Jack for computer including making connection , soldering etc	13	No		
36	Supplying and Fixing of Patch Card with CAT 6 Jack(1 Mtr)	13	No		

For ATM

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
37	Signage wiring (Material & Labour) - P&F of 3x4 mm & copper flexible wire & PVC conduiting of ISI make complete with all accessories like saddles, bends etc. Unit – nos.	1	No.		
38	Supply of Recessed mounting LED Down Light Fitting suitable for 15 Watt with powder coated pressure diecast aluminium housing buit electrical protection like over voltage, short circuit , over loading , miswiring for additional safety protection , 5600/6500K , Rated life 50000hrs Phillips DN 393B LED 20S 6500KA including 1.5 sq mm copper wiring and modular switches	4	No		
39	Supplying and Fixing of 25 Amp Auto Timer For AC (Legrand)	1	No.		
40	S/F Of High performance LED indoor decorative recess 2x2 (600X600MM) FullLit fixture in 35W.Unique minimalistic design creates inviting atmosphere. Minimalistic designed CRCA housing body for excellent Mechanical stability. Long lifespan: 50,000 hours, help to reduce maintenance cost service life. High system efficacy: 95Lm/W In built electrical protections like over voltage, short circuit, over load, miss wiring for additional safety precautions Phillips RC380 B LEEd 34S6500KAwith modular swiches , 1.5 sq mm copper wiring etc.	1	No		
41	Earthing station –Providing and Executing-Chemical Earthing with Dual Pipe Technology with same specification as provided for branch	1	No.		

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
42	Electrical with UPS cabling (material labor + Wastage) – P&F CrabTree Havells, MK, CPL Anchor make switches / Sockets wires of finolex or Crabtree Havells make 5/15 socket with 16 A switch – 9 points comprising as ATM – 2 nos. NIU – 2 nos. one each of monitor, camera, text interface, card access and spare power point, 2 nos. metal clad with 20A MCB for Aircons 2 nos. metal clad with 20AMCB for UPS input and Output 6 Nos. light points comprising of 6A single switch for tubelights, spotlights, signage, internal earthing with 1/18 earthing wire 4 Sq mm. – 3 core cable for aircons, and 1.5 Sq mm. wire for light points, 3 phase 4 Way distribution box of Cabtree Havells MDS equivalent make with 4 pole ELCB63A 300 mA, appropriate nos. of 20-30 A SP MCBs 40 A 2 Pole MCB -1 nos. all the wiring to be in PVC conduit with proper saddling and bends wherever necessary. For UPS – P&F SPN DB with appropriate MCBs, 2 nos. 15 A cable tops, cable for input and output to and from UPS. Unit – nos.	1	Job		
43	S/F of A.C. point wiring with 6 sq mm copper wire and metal socket MCB 20 Amp. complete with metal clad plug and socket with MS Box complete. For 1.5/2 Ton A.C.	2	No.		
44	Supply and fixing of Main line cable work from the branch main with 16 mm x 3 ½ core cable with wiring. (Length to be as/site condition)	25	Mtr		
45	Supplying and Fixing of 100 Amp Change Over Switch for ATM	1	No.		

TOTAL

MATERIAL SPECIFICATIONS FOR FURNISHING WORK

Board/Ply	Green Ecoore 710, Century Sainik 710 ,Archid classic 710
Prelaminated Board	: Novopan, KTILAM
Laminate	: Formica ,Greelam , Century ,Sumnica Archidlam
Aluminium Section	: Hindalco /INDAL
Door Closure	: Hyper, Master Ritz, Everite (ISI marked)
Glass	: Modiguard, Saint Gobain
Adhesive	: Pidiline (Fevicol)
Locks/Night Latch	: Godrej
Paint	: Asian Paint,Nerolac
Floor Spring	: Hyper, Ritz, Everite (ISI marked)
Flooring	: Kajaria

Schedule of Quantities For Furnishing Work of Khairabad Branch of

Union Bank Of India RO MAU

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs.	Amount Rs.	P.
1	Providing and fixing of partly glazed 7'-0" High Laminated partition for cash cabin. The under framing shall be of 50mmx40 mm mitundi (anti termite treatment) for under framing at a max. distance of 2' in each direction. 6 mm th waterproof ply shall be fixed on two sides and 1 mm th laminate shall be pasted over it with chemical adhesive. The middle 3'-0" high part shall have plain Glass (10 mm th) fixed .. all complete. Provision shall be made for passage of electric /data cables and switchboard. T.W' molding melamine polished shall be fixed wherever necessary. Bottom 4" width shall have skirting	230	sqft.			
2	Providing and fixing of Full Ht (8'-6" High)Partly glazed Laminated partition in Mgr cabin. The under framing shall be of 2"x2" mitundi Wood (anti termite treatment) for under framing at a max distance of 2' in each direction. 6 mm th waterproof ply shall be fixed on two sides and 1 mm th laminate shall be pasted over it with chemical adhesive. Provision shall be made for passage of electric /data cables and switchboard. T.W' molding melamine polished shall be fixed wherever necessary. Bottom 4 " width shall have skirting. Middle 4'-0" height shall have 5 mm th plain glass from 31.61 to 7' Lvl.	180	sqft.			
3	Providing and Placing in position Officer's table (size 6'-0"x2'-6") made out of 19 mm thick water proof board with 1.0mm th laminate on all exposed surfaces. Other external surfaces shall be painted with two coats of enamel paint over one coat of primer). It shall have drawer unit on one side while provision to be made for pull out tray on slides. The table to be finished in TW/HW latches all complete.	1	No.			

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs.	Amount Rs.	P.
4	Providing and erecting on site wooden cash counter. Height shall be 3'-10" The height of writing desk for the cashier shall be 2'-6". The counter top for the clients shall be 1'-4" deep and that of Cashier Desk shall be 2'-6" deep. Both these top shall be made out of block board (Water Proof) 19mm thick with 1.0mm thick laminate (as/shade approved by the Architect) on the cashier's top. The inside desk shall be provided with 16" wide 16" high and 21" deep Drawers shall have lock handles of approved make. All the exposed edges of block board shall be provided with 6mm thick teak wood lipping dully polished all complete with footrest. The inside shall be enamel painted 2 coats over primer	10	sqft.			
5	P/F Low Height (4'-6" High)laminated partition for Flap door/UPS Battery . The under framing shall be of 2"x2" mirindi Wood (anti termite treatment) for under framing at a max .distance of 2" in each direction . 6 mm th waterproof ply shall be fixed on two sides and 1 mm th laminate shall be pasted over it with chemical adhesive with skirting	120	sqft.			
6	Providing and erecting on site wooden low height counter (as/design). Height of the counter shall be 2' 6" . . The top and vertical surfaces shall be made of waterproof board 19 mm th. with 1 mm th. laminate over it. Drawer unit shall be provided on one side while with space for CPU by its side. Pull out tray on slide shall be provided on each counter for keeping keyboard . All the exposed edges shall have 6 mm th. TW lipping duly polished . Inside surfaces shall be enamel painted two coats over primer coat . It shall have locks and handles etc. . Provision for wire management shall be made	20	sqft.			
7	P&F of Notice Board (size 3'-0"x2'-0") made out of 12mm thick Cellotex Board velvet cloth lining on it. It shall have 1 1/2"x1" Sal wood under framing, sides shall be of 19mm thick water proof Board with 1.0mm thick laminate.As per shade approved by Architect) Front shall have 4.0mm thick glass with sliding arrangement with locking device. All complete.	1	no.			

Sl. No.	Items of Work	Qty.	Unit	Rate/Per		Amount	
				Rs.	P.	Rs.	P.
8	Providing and Placing in position Branch Manger's table (size 7'-0"x2'-6") made out of 19 mm thick water proof board with 10mm th. laminate on all exposed surfaces (other external surfaces shall be painted with two coats of enamel paint over one coat of primer). It shall have one drawer unit on one side while Provision to be made for pull out tray on slides. The table to be finished in TW/HW lipping and Godrej lock, handles footrest, latches all complete.	1	no.				
9	Providing , fixing and testing of Vertical Blinds (Make Vista Levator or equivalent) made out of 100 mm wide scotch guarded , fabric louvers(as/ shade and pattern approved by the Architect). It shall also include for Head Rail , Control unit , Carriers , Tiller , Traverse cord , Tilt rod , Bottom Mechanism , installation Brackets etc all complete to the satisfaction of the architect .	50	sqft.				
10	Pop punning on wall in banking hall making the surface smooth to the satisfaction of the architect after scratching and sand papering the existing surface.	1600	sqft				
11	Painting of walls and ceiling in banking hall and other rooms with acrylic emulsion paint (Two Coats) over primer coat with roller finish As/shade approved to the satisfaction of the Bank /Architect	2600	sqft				
12	Providing and Placing in position Officer's table (size 4'-0"x2'-6") in continuation to the low height counter made out of 19 mm thick water proof board with 10mm th laminate on all exposed surfaces(other external surfaces shall be painted with two coats of enamel paint over one It shall have one drawer unit on one coat It shall have one drawer unit on one coat of primer) side while Provision to be made for pull out tray on slides. The table to be finished in TW/HW latches all complete.	1	NO.				
13	P & F 7 lever Night Latch lock for cash cabin.	2	NO.				
14	P & F Hydraulic door closer of approved quality for doors.	5	NO.				

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
15	Providing and fixing of 8'-6" High paneling on columns/ cash cabin wall. The under framing shall be of 50 mmx50 mm Mirind Wood (anti termite treatment) for under framing at a max. distance of 2' in each direction. 6 mm th waterproof ply shall be fixed on one side and 1 mm th laminate shall be pasted over it with chemical adhesive. Provision shall be made for passage of electric /data cables and switchboard. Bottom 4 " width shall have skirting.	100	sqft.		
16	P & F in position double leaf Powder coated (White Colour) aluminium entrance door made of 1.5 mm thick sheet). All member shall be of 100x45 mm section with 8 mm thick clear float glass including 4" dia 4 nos. handles 10" long 4 nos. tower bolts, floor spring 2 nos., locks etc. complete.	90	sqft.		
17	Providing and Placing in position 10 mm th Plain Glass on BM Table (size 6'x2'-6") with size matching to the Table. The work to include Bevelled Edges complete to the satisfaction of the Bank	21	sqft.		
18	Providing and Placing in position side unit. Made with 19 mm th waterproof board for all members with 1 mm th laminate over it on all exposed surfaces. Inner surface shall have enamel paint two coats over priming coat and putty. Hinged Shutter 19 mm th BWP with 1.0mm thick teak wood/hard wood lipping, hinges handles, locks, latches, etc. all complete size shall be (3'-6"x1'-6"x2'-3").	1	No		

Sl. No.	Items of Work	Qty.	Unit	Rate/Per Rs. P.	Amount Rs. P.
19	P&F 7 lever Mortice lock for BM's cabin	3	no		0
20	Providing and placing in position Printer unit of size 900x450mm x675 mm . The top and .vertical sides /dividers skirting etc shall be made of 19 mm th water proof board . with 1mm th laminate as/shade approved . on all exposed surfaces . A slit of required dimension in the top shall be provided to allow the movement of printer paper . All exposed edges of water proof ply shall have teak wood lipping melamine polished complete to the satisfaction of the architect .	1	no.		
21	P & F complaint/suggestion box (1'6" x1'6" x6") made out of 19mm th. Waterproof board with 1.0mm th. laminate on all exposed surfaces. Other internal surfaces shall be painted with two coats of enamel paint over one coat of primer. All exposed surfaces to be treated with T.W. lipping.	2	no		
22	Providing and fixing glass barrier in front of Low height counter (as/profile and design) 12 mm . th polished edged float glass (notiguard) it shall have Laminated over commercial board support (as/shage approved by the architect)to hold the glass from sides and top (optional) . A. The rates shall include for cutting in geometrical shape and polishing the edges . all complete to the satisfaction of the architect.Height of the glass barrier to be 2'-0"	36	sq ft		
23	P&F of customer's desk made out of 19mm thick commercial Board with 1.0mm thick laminated of size 3'-0"x 2'-0" all complete with slip stocks.	1	No		

24	False Ceiling work (Gypsum) Providing and fixing False ceiling in step as/design 12 mm th. Gypsum Sheet over necessary Scaffolding frame in 22 gauge GI channel/ angle placed at appropriate grade fixed to the RCC slab/ beam ,wall etc with fasteners/screws. The board shall be screwed to metal component suspended from the ceiling. Gypsum Sheet joints shall be covered with POP slurry /tape. Finish shall be smooth seamless etc... The work to include cutting for electrical fittings and vertical drop upto 1'-6". Rate shall include painting (one coat of putty, one coat of primer coat and two coats of emulsion paint) .	750	sq ft.	
25	Providing and fixing in position false ceiling in Armstrong 600x600x15/16 mm Dune supreme RH 99 Prima tile with Tegular edge framework as specified by Armstrong Co. with suspenders wherever Required. Making necessary framework for light fittings ,taping and finishing to proper line and level ,including finishing with white Plastik emulsion paint etc. complete in all respect. (Note: Only the plan area shall be measured and no extra payment shall be made for cutouts ,grooves ,moulding etc)	540	sq ft.	
26	Etching film 3M or equivalent work on glass with chemicals (as per profile and design as and where required . The rates shall include cost of all materials labour , T&P , wastage , transportation etc. required for proper completion of work.	234	sq ft.	
27	P/F in position floor mounted storage cabinets with hinged shutters having vertical divider at 450 mm to 600 mm approx and horizontal shelves . It shall be made out of 19 mm th water proof board with 1mm th laminate as/shade approved) on all exposed surfaces . It shall have 6mm th water proof ply on the back . The hinged shutters shall have locks ,handles ,guides ,slides ,magnetic catchers etc. Inner surfaces shall be enamel painted two coats over primer coat to the satisfaction of the architect	187	sq ft.	
28	Rolling Shutter Box with Trap Door P/F rolling shutter box (Size 8'x2'x1'-0")with frame work of 2"x1.5"x1.5 mm th Aluminium Tubular Section (horizontal/ vertical)Jindal Make covered over it with 12 mm Ply and 1 mm th laminate as per shade approved	50	sq ft.	

For ATM

Sl. No.	Items of Work	Qty.	Unit	Rate/Per		Amount	
				Rs.	P.	Rs.	P.
29	P/F of Internal Wall Panelling made out of 1 tubular frame 50x38x1.2 mm Aluminium section at 600 mm c/c horizontally and vertically anchored to the wall. It shall be covered with 6 mm th ply over it and 1 mm th laminate as per colour approved by the bank shall be fixed to it with suitable adhesive.	228	sq ft				
30	P & F in position Single leaf Anodized aluminium entrance door made of 2 mm thick sheet). All member shall be of	24.5	sq ft				
31	P & F in position External Fixed Glazing in TW frame conforming to IS1003 (Pt 1 and 2) of size 75x50 mm section melamine polished with 10 mm thick clear Toughened glass with opaque film i	42	sq ft				
32	P & F of 18 to 20 mm th Lakha Red Granite fixed with 1:3 Cement Mortar and joints treated with white cement admixed with red color around entrance door, fixed glazing and exterior wall.	46	sq ft				

Sl. No.	Items of Work	Qty.	Unit	Rate/Per		Amount	
				Rs.	P.	Rs.	P.
33	Providing and fixing in position false ceiling at 9'-2" ht from floor in Armstrong 600x600x15/16 mm Dune supreme R41 99 Prima tile with Tegular edge framework as specified by Armstrong Co. with suspenders wherever Required. Making necessary framework for light fittings, taping and finishing to proper line and level, including finishing with white Plastik emulsion paint etc. complete in all respect. (Note: Only the plan area shall be measured and no extra payment shall be made for cutouts, grooves, moulding etc)	64	sqft				
34	Rolling Shutter Box with Trip Door P/F rolling shutter box (Size 8'x2'x1'-0")with frame work of 2"x1.5"x1.5 mm th. Aluminum Tubular Section (horizontal/ vertical)jindal. Make covered over it with 12 mm Ply and 1 mm th laminate as per shade approved	55	sq ft				
				TOTAL			