



ఆంధ్ర ప్రదేశ్ గ్రామీణ బ్యాంక్

ANDHRA PRADESH GRAMEENA BANK

(Scheduled Bank owned by Government)

HEAD OFFICE: GUNTUR

RFP Ref No: APGB/HO/SERVICES/05/2026-27 Dt 15.05.2026

LIMITED TENDER DOCUMENT FOR

EMPAANELED VENDORS OF ANDHRA PRADESH GRAMEENA BANK

**PROPOSED ELECTRICAL & NETWORK WORKS FOR REGIONAL OFFICE
MARKAPUR**

**at H.no - 7/662-g-31-b, Cumbum Road, Revenue ward-10, Markapur
523316.**

RFP Reference No : APGB/HO/Services/05/2026-27
Date of RFP Document : 15-05-2026
Last Date for submission of RFP : 04-06-2026 at 05.00 PM
Date of Opening of Technical Bid : 05-06-2026 at 11.00 AM
Application fee : Rs 1,000/-
Earnest Money Deposit : Rs 26,000/-

TENDER SUBMISSION TO:

The General Manager
Andhra Pradesh Grameena Bank,
Head office, 2rd floor,
Services Department,
D.No. 5-38-27/28, 5/2th Lane,
Opp H P Petrol Bunk, Brodipet,
Guntur - 522 002.
Ph: 9490158007
Email: services@apgb.bank.in,
hod-services@apgb.bank.in

Architect firm:

DESIGN INTEGRATION

**H.No. 1-79/1, Ground Floor, Kothapet, Near Balapur, Balapur Mandal,
RR District, Hyderabad, Telengana-500005.**

Mob: 8125196178 / 807437139.

E-mail: team.designintegration@gmail.com



NOTICE OPEN TENDER

ELECTRICAL & NETWORK WORKS FOR REGIONAL OFFICE MARKAPUR

THE ANDHRA PRADESH GRAMEENA BANK invites tenders from eligible contractors having sound, technical and financial capacity to do ELECTRICAL & NETWORK Works for ANDHRA PRADESH GRAMEENA BANK, REGIONAL OFFICE MARKAPUR (2ND FLOOR) AT H.no-7/662-g-31-b, Cumbum Road, Revenue ward-10, Markapur 523316.

Eligibility criteria: Should have empaneled in APGB and acceptance letter submitted to the bank on or before 01.05.2026.

Work	EMD In form of DD
ELECTRICAL & NETWORK Work	Rs. 26,000.00 /-

APGB Empanelled contractors/ vendors can obtain the tender documents from

**The General Manager,
Services Department,
Andhra Pradesh Grameena Bank,
Head office, 2rd floor,
Services Department,
D.No. 5-38-27/28, 5/2th Lane,
Opp H P Petrol Bunk, Brodipet.**

during working days or can be downloaded from bank website <https://apgb.bank.in>.

1. The bids duly completed in all respect superscripted as tender for the respective work along with the prescribed amount of EMD, proof of empanelment should have submitted to our below mentioned office on or before the date & time of submission of tenders mentioned above. The tenders not enclosed with specified amount of EMD (in the form of DD or Banker's Cheque only) will be rejected. Bank reserves the right to accept or reject any or all the tenders without assigning any reasons, therefore.
2. Contractors shall submit their duly filled bid in sealed covers super scribing application for TENDER FOR ELECTRICAL & NETWORK WORKS FOR REGIONAL OFFICE MARKAPUR.
3. THE SEALED TENDERS SHOULD BE SUBMITTED TO:

**The General Manager
Andhra Pradesh Grameena Bank,
Head office, 2rd floor,
Services Department,
D.No. 5-38-27/28, 5/2th Lane,
Opp H P Petrol Bunk, Brodipet,
Guntur - 522 002.**



SECTION - 1 INSTRUCTIONS TO THE TENDERS

1.0 Scope of work

Sealed tenders are invited by ANDHRA PRADESH GRAMEENA BANK, HEAD OFFICE, GUNTUR TOWARDS ELECTRICAL & NETWORK WORKS FOR REGIONAL OFFICE (2ND FLOOR) AT MARKAPUR.

Bid: Shall contain prescribed EMD, forwarding letter accepting conditions of contract. Biodata of site engineer to be engaged on site, Income Tax Clearance and Sales Tax clearance certificates.

The tenders not Enclosed with specified amount of EMD (in the form of DD or Banker's cheque only) will be rejected. Bank reserves the right to accept or reject any or all the tenders without assigning any reasons there for.

The work has to be carried out strictly according to the conditions stipulated in the tender consisting the following documents and the most workman like manner.

- Instructions to tenderers
- General conditions of Contract
- Special conditions of Contract
- Additional specifications
- Drawings
- Technical bid

The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below;

- a) Technical bid
- b) Additional Specifications
- c) Technical Specifications
- d) Drawings
- e) Special conditions of contract
- f) General conditions of contract
- g) Instructions to Tenderers

Complete set of tender documents including relative drawings can be obtained in person from the Andhra Pradesh Grameena Bank, Head Office between 10-00 AM to 05-00 PM hrs on any Day except holidays during the period mentioned in the Notice Inviting Tender.

The tender Documents are not transferable.

The tender shall be submitted in two separate sealed envelopes, namely:

Envelope No. 1 - Technical Bid



Shall contain duly signed tender document along with copy of Empanelment letter at Andhra Pradesh Grameena Bank. (Super scribed as “Technical Bid for ELECTRICAL & NETWORK Works for Regional Office Markapur”)

- **Envelope No. 2 - Price Bid**

(Super scribed as “Price/Commercial Bid for ELECTRICAL & NETWORK Works for Regional Office Markapur”) Both the above envelopes shall then be placed in a single sealed cover, super scribed as “Appointment of contractor for furnishing of ELECTRICAL & NETWORK Works for Regional Office Markapur.”

CONTRACTOR WHO IS MATCHING CRITERIA WHO EMPANELED IN ANDHRA PRADESH GRAMEENA BANK MAY CAN APPLY FOR BID.

Site Visit

The tenderer must obtain himself on his own responsibility and his own expenses all information and data, which may be required for the purpose of filling this tender document, and enter into a contract for the satisfactory performance of the work. The tendered is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc;

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

Earnest Money

The tenderers are requested to submit the Earnest Money of Rs. **26,000/-** (Twenty-Six Thousand Only) in the form of Demand Draft or Bankers Cheque Drawn on any Nationalized Bank in India, Payable at Guntur.

EMD in any other form other than as specified above will not be accepted. Tender not accompanied by the EMD in Accordance with S. No. 3 above shall be rejected. No interest will be paid on the EMD. EMD of unsuccessful tenderers will be refunded within 30 days of award of contract. EMD of successful tenderer will be retained as a part of security deposit.

Security Deposit

5% of the bill value will be deducted from respective running bills as security retention and the **2% security deposit** to be submitted in the form of DD payable at Guntur after issuing of purchase order. Bank will retain **7%** of the contract value as retention money/security deposit till completion of defects liability period i.e. 12 months.

The Retention Money/Security Deposit would be paid to the contractors after the defects liability period of 12 months. No interest shall be paid to the amount retained by the Andhra Pradesh Grameena Bank Security Deposit

Signing of contract Documents

The successful tenderers shall be bound to implement the contract by signing an agreement and conditions of contract attached herewith within 15 days from the receipt of intimation of acceptance of his tender by the Andhra Pradesh Grameena Bank. However, the written acceptance of the tender by the Andhra Pradesh Grameena Bank will constitute binding agreement between the Andhra Pradesh Grameena Bank and successful tenderer whether such formal agreement is subsequently entered into or not.

Completion Period

Time is essence of the contract. The work should be completed in all respects in accordance with the terms of contract within a period of 45 days from the date of handing over site or 10 days from the date of receipt of letter of acceptance whichever is later.

Validity of tender

Tenders shall remain valid and open for acceptance for a period of three months from the date of opening price bid. If the tenderer with draws his/her offer during the validity period or makes modifications in his/her original offer which are not acceptable to the Bank without prejudice to any other right or remedy the Bank shall be at liberty to forfeit the EMD.

Liquidated Damages

The liquidated damages shall be 1% per week subject to a maximum of 10% of contract value.

Rate and prices:

In case of item rate tender

The tenderers shall quote their rates for individual items both in words and figures in case of discrepancy between the rate quoted in words and figures the unit rate quoted in words will prevail. If no rate is quoted for a particular item, the contractor shall not be paid for that item when it is executed.

The amount of each item shall be calculated and the requisite total is given. In case of discrepancy between the unit rate and the total amount calculated from multiplication of unit rate and the quantity the unit rate quoted will govern and the amount will be corrected.



The tenderers need not quote their rates for which no quantities have been given. In case the tenderers quote their rates for such items those rates will be ignored and will not be considered during execution.

The tenderers should not change the units as specified in the tender. If any unit is changed the tenders would be evaluated as per the original unit and the contractor would be paid accordingly.

The tenderer should not change or modify or delete the description of the item. If any discrepancy is observed, they should immediately bring to the knowledge of the Architect/ Bank.

Each page of the BOQ shall be signed by the authorized person and cutting or over writing shall be duly attested by him/her.

Each page shall be totaled and the grand total shall be given.

The rate quoted shall be firm and shall include all costs, allowances, taxes, levies.

INSTRUCTIONS TO TENDERERS:

All the rates shall be filled up in figures as well as words without fail.

The rates and amount against each item of work shall be filled up only in tender papers issued to the tenderers.

The tenders shall be accompanied by the Earnest Money Deposit for the specified amount.

The tenders shall be duly signed by the competent person.

Tender will be open in prescribed format within committee and work will be awarded as per the assessment done by the bank

No paper or sheet shall be detached from the tender document issued to the tenderers. All the drawings shall be returned along with the tenders.

The tenders shall be liable for rejection if any of the above said requirements are not compiled with.

Water and power for construction shall be arranged by the Contractor. In case the Bank agrees to provide water, the electricity charges towards pumping of water will have to be borne by the contractor.

The client does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders, either in whole or in part without assigning any reason for doing so.

A schedule of probable quantities in respect of each work and specifications accompany these specials conditions. The schedule of quantities is liable to alteration by omission, deductions or additions at the discretion of the Architects with the consent of the employer.

All items or work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved, directly, related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In case of lump-sum charges in the tender in respect of any item of works, the payment of such items of work will be made for actual work done on the basis of lump-sum charges as will be assessed to be payable by the Employer / Architects.

The tenderers must include in their tender prices quoted for all duties royalties, cess and sale tax or any other taxes or local charges if applicable.

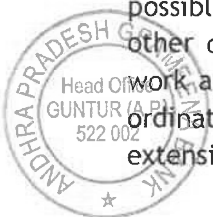
No extra claim on this account will in any case be entertained.

If the employer has supplied any materials or goods to the contractor, the cost of any such materials or goods will be progressively deducted from the amount due to the Contractor in accordance with the quantities consumed in the work. The Employer shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials in which in the opinion of the Employer/Architects are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the contractor refuses to comply with the order the Employer shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Employer/Architects shall be borne by the Contractor or may be deducted from any money due to or that may become due to the contractor. No certificate which may be given by the architects shall relieve the Contractor from his liability in respect of unsound work or bad materials.

All materials should be got tested by the contractor form approved laboratory and test result submitted to the employers for approval. Only those materials approved by the employers to be used at works. The cost for testing shall be borne by the contractor only.

The contractor will be made payments towards steel based on the actual quantities of steel used at site including laps mentioned in the drawings to the exact lengths.

The contractor must co-operate and co-ordinate the work with work of all other contractors appointed by the employer so that the work shall proceed with the least possible delay and to the satisfaction of the Architects. The contractor co-ordination with other contractors appointed by the employer is essential to maintain smooth progress of work and any delays, which in the opinion of the Architects/ Employer is due to non-co-ordination and inefficient management of the contractor will not be entertained for any extension of time.



No escalation of cost of materials due to any reasons will be entertained.

The contractor will observe all statutory and legal requirements as required by the central and state governments as applied to the work. He/ She shall fully indemnify the employer against any loss of property, life etc.

Contractors shall indemnify the employer and architect against any accident on site and immediately outside causing injuries / death to any workers / visitors / third party claims under any of the statutory bodies. All insurance certificate to be provided by contractor

PF/Insurance/Taxes of contractor workers are the contractor's full responsibility.

GENERAL CONDITIONS OF CONTRACT

Definitions:

"Contract means the documents forming the tender and the acceptance thereof and the formal agreement executed between Andhra Pradesh Grameena Bank (client) and the contractor, together with the documents referred therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the architects/ Bank and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

In the contract the following expressions shall, unless the context otherwise requires, have the meaning hereby respectively assigned to them.

Andhra Pradesh Grameena Bank' shall mean THE ANDHRA PRADESH GRAMEENA BANK (client) having its Head office at Guntur and includes the client's representatives, successors and assigns.

'Site Engineer' shall mean an Engineer appointed by the Andhra Pradesh Grameena Bank their representative to give instructions to the contractors.

'The Contractor shall mean the individual or firm or company whether incorporated or not, undertaking the works and shall include legal personal representative of such individual or the composing the firm or company and the permitted assignees of such individual or firms of company.

The expression 'works' or 'work' shall mean the permanent or temporary work described in the "Scope of work" and / or to be executed in accordance with the contract and includes materials, apparatus, equipment, temporary supports, fittings and things of all kinds to be provided, the obligations of the contractor hereunder and work to be done by the contractor under the contract.

'Engineer' shall mean the representative of the Architect/ consultant/ Bank.

'Drawings' shall mean the drawings prepared by the Architects and issued by the Engineer and referred to in the specifications and any modifications of such drawings as may be issued by the Engineer from time to time. 'Contract value shall mean the value of the

entire work as stipulated in the letter of acceptance of tender subject to such additions thereto or deductions there from as may be made under the provision herein after contained.

'Specifications' shall mean the specifications referred to in the tender and any modifications thereof as may time to time be furnished or approved by the architect/consultant "Month" means calendar month.

"Week" means seven consecutive days.

"Day" means a calendar day beginning and ending at 00 Hrs and 24 Hrs respectively.

Insurance to be taken by the Contractor, 3rd party liability, All Risk Insurance Policy, Workmen Compensation.

CLAUSES

1. Total Security Deposit

Total Security deposit comprise of

- Earnest Money Deposit
- Retention Money
- Security Deposit

a) Earnest Money Deposit:

The tenderer shall furnish EMD of Rs.26,000/- (Twenty Six Thousand Only) in the form of Demand draft drawn or Bankers Cheque Drawn on any Nationalized Bank in India in favour of Andhra Pradesh Grameena Bank and payable at Guntur. No tender shall be considered unless the EMD is so deposited in the required form. No interest shall be paid on this EMD. The EMD of the unsuccessful tenderer shall be refunded soon after the decision to award the contract is taken without interest. The EMD shall stand absolutely forfeited if the tenderer revokes his tender at any time the period when he is required to keep his tender open acceptance by the Andhra Pradesh Grameena Bank. After it is accepted by the Andhra Pradesh Grameena Bank the contractor fails to enter into a formal agreement or fails to pay the initial security deposit as stipulated or fails to commence the commence the work within the stipulated time.

b) Retention Money:

Besides the EMD as deposited by the contractor in the above said manner the retention money shall be deducted from the running account bill at the rate of 5% of the gross value of work done by the contractor and claimed in each bill shall be refunded to the contractors without interest within fifteen days after the end of defects liability period provided the contractor has satisfactorily attended to all defects in accordance with the conditions of contract including site clearance.

c) Security Deposit



The security deposit of 2% of contract value in the form of Demand draft drawn or Bankers Cheque Drawn on any Nationalized Bank in India in favour of Andhra Pradesh Grameena Bank and payable at Guntur to be submitted immediately after issuing of purchase order. No interest shall be paid on this Security Deposit. Bank will retain 7% of the contract value as security deposit till completion of defects liability period i.e. 12 months.

2. Language:

The language in which the contract documents shall be drawn shall be in English.

Errors, omissions and discrepancies:

In case of errors, omissions and / or disagreement between written and scaled dimensions on the drawings or between the drawings and specifications etc., the following order shall apply.

- i. Between scaled and written dimension (or description) on a drawing, the latter shall be adopted.
- ii. Between the written or shown description or dimensions in the drawings and the corresponding one in the specification the former shall be taken as correct.
- iii. Between written description of the item in the specifications and descriptions in bills of quantities of the same item, the former shall be adopted.
- iv. In case of difference between rates written in figures and words, the rate in words shall prevail.
- v. Between the duplicate/ subsequent copies of the tender, the original tender shall be taken as correct.

3. Scope of work:

The contractor shall carryout complete and maintain the said work in every respect in strictly accordance with this contract and with the directions of and to the satisfaction of the Andhra Pradesh Grameena Bank through the architect/ consultant. The architect/ consultant at the directions of the Andhra Pradesh Grameena Bank from time to time issue further drawings and / or written instructions, details directions and explanations which are hereafter collectively referred to as Architect's/ consultant's instructions in regard to the variation or modification of the design, quality or quantity of work or the addition or omission or substitution of any work. Any discrepancy in the drawings or between the BOQ and / or drawings and / or specifications. The removal from the site of any material brought thereon by the Contractor and any substitution of any other materials therefore the removal and / or re-execution of any work executed by him. The dismissal from the work of any person employed /engaged there upon.

4. i) Letter of Acceptance:

Within the validity period of the tender the Andhra Pradesh Grameena Bank shall issue a letter of acceptance either directly or through the architect by registered post or otherwise depositing at the address of the contractor as given in the tender to enter into a Contract for the execution of the work as per the terms of the tender. The letter of

acceptance shall constitute a binding contract between the Andhra Pradesh Grameena Bank and the contractor.

ii) **Contract Agreement:**

On receipt of intimation of the acceptance of tender from the Andhra Pradesh Grameena Bank/ Architect the successful tenderer shall be bound to implement the contract and within fifteen days thereof he shall sign an agreement in a non-judicial stamp paper of appropriate value.

5. **Ownership of drawings:**

All drawings, specifications and copies thereof furnished by the Andhra Pradesh Grameena Bank through its architects / consultants are the properties of the Andhra Pradesh Grameena Bank. They are not to be used on other work.

6. **Detailed drawings and instructions:**

The Andhra Pradesh Grameena Bank through its architects/ consultants shall furnish with reasonable promptness additional instructions by means of drawings or otherwise necessary for the proper execution of the work. All such drawings and instructions shall be consistent with the contract documents, true developments thereof and reasonably inferable there from.

The work shall be executed in conformity therewith and the contractor prepare a detailed programme schedule indicating therein the date of start and completion of various activities on receipt of the work order and submit the same to the Andhra Pradesh Grameena Bank through the architect / consultant.

7. **Copies of agreement:**

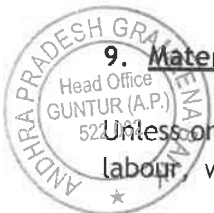
Two copies of agreement duly signed by both the parties with the drawings shall be hand handed over to the contract.

8. **Liquidated damages:**

If the contractor fails to maintain the required progress in terms of clause 5.0 of GCC the contracted or extended date or completion without justification in support of the cause of delay, he may be called upon without prejudice to any other right of remedy available under the law to the Andhra Pradesh Grameena Bank on account of such breach to pay a liquidated damage at the rate of 1% of the contract value which subject to a maximum of 10% of the contract value.

9. **Materials, Appliances and Employees:**

Unless or otherwise specified the contractor shall have provided and pay for all materials, labour, water, power, tools, equipment transportation and any other facilities that are



required for the satisfactory execution and completion of the work. Unless or otherwise specified all materials shall be new and both workmanship and materials shall be best quality. The contractor shall at all times enforce strict discipline and good order among his employees and shall not employ on the work any unfit person or anyone not skilled in the work assigned to him. Workman whose work or behaviour is found to be unsatisfactory by the Andhra Pradesh Grameena Bank/architect / consultant he shall be removed from the site immediately.

10. Permits, Laws and Regulations:

Permits and licenses required for the execution of the work shall be obtained by the contractor at his own expenses. The contractor shall give notices and comply with the regulations, laws, and ordinances rules, applicable to the contract. If the contractor observes any discrepancy between the drawings and specifications, he shall promptly notify the Andhra Pradesh Grameena Bank in writing under intimation of the architect / consultant. If the contractor performs any act, which is against the law, rules and regulations he shall meet all the costs arising there from and shall indemnify the Andhra Pradesh Grameena Bank any legal actions arising there from.

11. Setting out Work:

The contractor shall set out the work and shall be responsible for the true and perfect setting out of the same and for the correctness of the positions, levels, dimensions, and alignment of all parts thereof and get it approved by the architect / consultant before proceeding with the work. If at any time any error in this respect shall appear during the progress of the works, irrespective of the fact that the layout had been approved by the architect / consultant the contractor shall be responsible for the same and shall at his own expenses rectify such error, if so, required to satisfaction of the SBM.

12. Protection of works and property:

The contractor shall continuously maintain adequate protection. Of all his work from damage and shall protect the Andhra Pradesh Grameena Bank properties from injury or loss arising in connection with contract. He shall make good any such damage, injury, loss, except due to causes beyond his control and due to his fault or negligence.

He shall take adequate care and steps for protection of the adjacent properties. The contractor shall take all precautions for safety and protections of his employees on the works and shall comply with all applicable provisions of Govt. and local bodies safety laws and building codes to prevent accidents, or injuries to persons or property on, about or adjacent to his place of work. The contractor shall take insurance covers as per clause 26.0 at his own cost. The policy may have taken in joint names of the contractor and the Andhra Pradesh Grameena Bank and the original policy may be lodged with the Andhra Pradesh Grameena Bank.

13. Inspection of work:

The Andhra Pradesh Grameena Bank/ Architect / Consultant or their representatives shall at all reasonable times have free access to the work site and/ or to the workshop, factories or other places where materials are lying or from where they are obtained and the contractor shall give every facility to the Andhra Pradesh Grameena Bank, Architect / consultant and their representatives necessary for inspection and examination and test of the materials and workmanship. No person unless authorized by the Andhra Pradesh Grameena Bank / Architect / Consultant except the representative of Public authorities shall be allowed on the work at any time. The proposed work either during its construction stage or its completion can also be inspected by the Chief Technical Examiner's organization a wing of Central Vigilance commission.

14. Assignment and subletting

The whole of work included in the contract shall be executed the contractor and he shall not directly entrust and engage or indirectly transfer, assign or underlet the contract or any part or share thereof or interest therein without the written consent of the Andhra Pradesh Grameena Bank through the architect and no undertaking shall relieve the contractor from the responsibility of the contractor from active superintendence of the work during its progress.

15. Quality of materials, workmanship & Test.

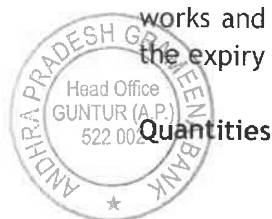
All materials and workmanship shall be best of the respective kinds described in the contract and in accordance with Architect / consultant instructions and shall be subject from time to time to such tests as the architect / consultant may direct at the place of manufacture of fabrication or on the site or an approved testing laboratory. The contractor shall provide such assistance, instruments, machinery, labour, and materials as are normally required for examining measuring sampling and testing any material or part of work before incorporation in the work for testing as may be selected and required by the architect / consultant.

16. Obtaining information related to execution of work.

No claim by the contractor for additional payment shall be entertained which is consequent upon failure on his part to obtain correct information as to any matter affecting the execution of the work nor any misunderstanding or the obtaining incorrect information or the failure to obtain correct information relieve him from any risks or from the entire responsibility for the fulfilment of contract.

17. Contractor's superintendence.

The contractor shall give necessary personal superintendence during the execution of the works and as long, thereafter, as the Architect / consultant may consider necessary until the expiry of the defects liability period, stated hereto.



Quantities

- a) The bill of quantities (BOQ) unless or otherwise stated shall be deemed to have been prepared in accordance with the Indian Standard Method of Measurements and quantities. The rate quoted shall remain valid for variation of quantity against individual item to any extent subject to maximum variation of the contract value by 25%. All the amount paid under clause 18, 19 hereof as well as amounts of primer cost and provisional sums, if any, shall be excluded.
- b) Variation exceeding 25%: The items of work executed in relation to variation exceeding 25% shall be paid on the basis of provisions of clause 20 (e) hereof.

18. Works to be measured

The Architect / Consultant may from time to time intimate to the contractor that he required the work to be measured and the contractor shall forthwith attend or send or qualified representative to assist the Architect in taking such measurements and calculations and to furnish all particulars or to give all assistance required by any of them. Such measurements shall be taken in accordance with the Mode of measurements detailed in the specifications. The representative of the Architect / Consultant shall take joint measurements with the contractor's representative and the measurements shall be entered in the measurement book. The contractor or his authorized representative shall sign all the pages of the measurement book in which the measurements have been recorded in token of his acceptance. All the corrections shall be duly attested by both representatives. No over writings shall be made in the measurement book. Should the contractor not attend or neglect or omit to depute his representative to take measurements then the measurements recorded by the representative of the Architect / Consultant shall be final. All authorized extra work omissions and all variations made shall be included in such measurement.

19. Variations

No alteration, omission or variation ordered in writing by the Architect / consultant shall vitiate the contract. In case the Andhra Pradesh Grameena Bank / Architect / Consultant thinks proper at any time during the progress of works to make any alteration in, or additions to or omissions from the works or any alteration in the kind or quality of the materials to be used therein, the Architect / Consultant shall give notice thereof in writing to the contractor or shall confirm in within seven days of giving such oral instructions the contractor shall alter to, add to, or omit from as the case may be in accordance with such notice, but the contractor shall not do any work extra to or make any alterations or additions to or omissions from the works or any deviation from any of the provisions of the contract, stipulations, specifications or contract drawings without previous consent in writing of the Architect / Consultant and the value of such extras, alterations, additions or omissions shall in all cases be determined by the Architect / Consultant and the same shall be added to or deducted from the contract value, as the case may be.

20. Valuation of Variations

No claim for an extra shall be allowed unless it shall have been executed under the authority of the Architect / Consultant with the concurrence of the Andhra Pradesh Grameena Bank as herein mentioned. Any such extra is herein referred to as authorized extra and shall be made in accordance with the following provisions.

- a) i) The net rates or prices in the contract shall determine the valuation of the extra work where such extra work is of similar character and executed under similar conditions as the work priced herein.

ii) Rates for all items, wherever possible should be derived out of the rates given in the priced BOQ.
- b) The net prices of the original tender shall determine the value of the items omitted, provided if omissions do not vary the conditions under which any remaining items of works are carried out, otherwise the prices for the same shall be valued under sub-clause (c) hereunder.
- c) Where the extra works are not of similar character and/or executed under similar conditions as aforesaid or where the omissions vary the conditions under which any remaining items or works are carried out, then the contractor shall within 7 days of the receipt of the letter of acceptance inform the Architect / consultant of the rate which he intends to charge for such items of work, duly supported by analysis of the rate or rates claimed and the Architect / consultant shall fix such rate or prices as in the circumstances in his opinion are reasonable and proper, based on the market rate.
- d) Where extra work cannot be properly measured or valued the contractor shall be allowed day work prices at the net rates stated in the tender of the BOQ or, if not, so stated then in accordance with the local day work rates and wages for the district; provided that in either case, vouchers specifying the daily time (and if required by the Architect / Consultant) the workman's name and materials employed be delivered for verifications to the Architect / consultant at or before the end of the week following that in which the work has been executed.
- e) It is further clarified that for all such authorized extra items where rates cannot be derived from the tender, the Contractor shall submit rates duly supported by rate analysis worked on the "market rate basis" for material, labour, hire / running charges of equipment and wastages etc. plus 15% towards establishment charges, contractor's overheads and profit. Such items shall not be eligible for escalation.

21. Final Measurement

The measurement and valuation in respect of the contract shall be completed within three months of the virtual completion of the work.

22. Virtual completion certificate (VCC)



On successful completion of entire works covered by the contract to the full satisfaction of the Andhra Pradesh Grameena Bank, the contractor shall ensure that the following works have been completed to the satisfaction of the Andhra Pradesh Grameena Bank.

- a) Clear the site of all scaffolding, wiring, pipes, surplus materials, contractor's labour, equipment and machinery.
- b) Demolish, dismantle and remove the contractor's site office, temporary works, structures including labour sheds/ camps and constructions and other items and things whatsoever brought upon or erected at the site or any land allotted to the contractor by the Andhra Pradesh Grameena Bank and not incorporated in the permanent works.
- c) Remove all rubbish, debris etc. from the site and the land allotted to the contractor by the Andhra Pradesh Grameena Bank and shall clear, level and dress, compact the site as required by the .
- d) Shall put the Andhra Pradesh Grameena Bank in undisputed custody and possession of the site and all land allotted by the Andhra Pradesh Grameena Bank.
- e) Shall hand over the work in a peaceful manner to the Andhra Pradesh Grameena Bank.
- f) All defects / imperfections have been attended and rectified as pointed out by the Andhra Pradesh Grameena Bank to the full satisfaction of Andhra Pradesh Grameena Bank. Upon the satisfactory fulfilment by the contractor as stated above, the contractor shall be entitled to apply to the Architect / consultant is satisfied of the completion of the work. Relative to which the completion certificate has been sought, the Architect / consultant shall within Fourteen (14) days of the receipt of the application for virtual completion certificate, issue a VCC in respect of the work for which the VCC has been applied.

This issuance of a VCC shall be without prejudice to the Andhra Pradesh Grameena Bank rights and contractor's liabilities under the contract including the contractor's liability for defects liability period nor shall the issuance of VCC in respect of the works or work at any site be construed as a waiver of any right or claim of the Andhra Pradesh Grameena Bank against the contractor in respect of works or work at the site and in respect of which the VCC has been issued.

23. Work by other agencies.

The Andhra Pradesh Grameena Bank / Architect / consultant reserves the rights to use premises and any portion of the site for execution of any work not included in the scope of this contract which if may desire to have carried out by other persons simultaneously and the contractor shall not only allow but also extend reasonable facilities for the execution of such work. The contractor however shall not be required to provide any plant or material for the execution of such work except by special arrangement with the Andhra

Pradesh Grameena Bank. Such work shall be carried out in such manner as not to impede the progress of the works included in the contract.

24. Damage to persons and property

The contractor shall, except if and so far as the contract provides otherwise indemnify the Andhra Pradesh Grameena Bank against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except ant compensation of damages for or with respect to:

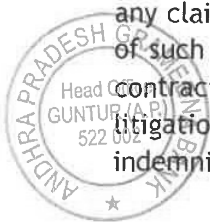
- a) The permanent use or occupation of land by or any part thereof.
- b) The right of Andhra Pradesh Grameena Bank to execute the works or any part thereof on, over, under, in or through any lands.
- c) Injuries or damages to persons or properties, which are unavoidable result of the execution or maintenance of the works in accordance with the contract.
- d) Injuries or damage to persons or property resulting from any act or neglect of the Andhra Pradesh Grameena Bank their agents, employees or other contractors not being employed by the contractor or for or in respect of any claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of Andhra Pradesh Grameena Bank, their employees, or agents or other employees, or agents or other contractors for the damage or injury.

Contractor to indemnify Andhra Pradesh Grameena Bank

The contractor shall indemnify the Andhra Pradesh Grameena Bank against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause 24 of this clause.

25. Contractor's superintendence

The contractor shall fully indemnify and keep indemnified the Andhra Pradesh Grameena Bank against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claim made under or action brought against Andhra Pradesh Grameena Bank in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the Andhra Pradesh Grameena Bank if the infringement of the patent or design



or any alleged patent or design right is the direct result of an order passed by the Architect / consultant in this behalf.

26. Accident or Injury to workman:

The Andhra Pradesh Grameena Bank shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub- contractor, save and except an accident or injury resulting from any act or default of the Andhra Pradesh Grameena Bank or their agents, or employees. The contractor shall indemnify and keep indemnified Andhra Pradesh Grameena Bank against all such damages and compensation, save and except as aforesaid, and against all claims, proceedings, costs charges and expenses whatsoever in respect thereof or in relation thereto.

27. Commencement of Works:

The date of commencement of the work will be reckoned as the date of handing over site or ten days from the date of issue of letter of acceptance of the tender by the Andhra Pradesh Grameena Bank whichever is later.

28. Time for completion

Time is essence of the contract and shall be strictly observed by the contractor. The entire work shall be completed within a period of 45 Days from the date of commencement. If required in the contract or as directed by the Architect /consultant. The contractor shall complete certain portions of work before completion of the entire work. However, the completion date shall be reckoned as the date by which the whole work is completed as per the terms of the contract.

29. Extension of time

If, in the opinion of the Architect / consultant, the work be delayed for reasons beyond the control of the contractor, the Architect / consultant may submit a recommendation to the Andhra Pradesh Grameena Bank to grant a fair and reasonable extension of time for completion of work as per the terms of contract. If the contractor needs an extension of time for the completion of work or if the completion of work is likely to be delayed for any reasons beyond the due date of completion as stipulated in the contract, the contractor shall apply to the Andhra Pradesh Grameena Bank through the Architect / Consultant in writing at least 10 Days before the expiry of the scheduled time and while applying for extension of time he shall furnish the reasons in detail and his justification if any, for the delays. The architect/ consultant shall submit their recommendations to the Andhra Pradesh Grameena Bank in the prescribed format for granting extension of time. While granting extension of time the contractor shall be informed the period extended time, which will qualify for levy of liquidated damages. For the balance period in excess of original stipulated period and duly sanctioned extension of time by the Andhra Pradesh Grameena Bank the provision of liquidated damages as stated under clause 9.0 shall become applicable. Further the contract shall remain in force even for the period beyond the due date of completion irrespective whether the extension is granted or not.

30. Rate of progress

Whole of the materials, plant and labour to be provided by the contractor and the mode, manner and speed of execution and maintenance of the works are to be of a kind and conducted in a manner to the satisfaction of the Architect / consultant should the rate of progress of the work or any part thereof be at any time be in the opinion of the Architect / consultant too slow to ensure the completion of the whole of the work by the prescribed time or extended time for completion the Architect / consultant shall thereupon take such steps as considered necessary by the Architect / consultant to expedite progress so as to complete the works by the prescribed time or extended time. Such communications from the Architect / consultant neither shall relieve the contractor from fulfilling obligations under the contract nor he will be entitled to raise any claims arising out of such directions.

31. Work during nights and holidays

Subject to any provision to the contrary contained in the contract no permanent work shall save as herein provided be carried on during the night or on holidays without the permission in writing of the Architect / consultant, save when the work is unavoidable or absolutely necessary for the saving of life of property or for the safety of the work in which case the contractor shall immediately advise the Architect / consultant. However, the provisions of the clause shall not be applicable in the case of any work which becomes essential to carry by rotary or double shifts in order to achieve the progress and quality of the part of the works being technically required / continued with the prior approval of the Architect / consultant at no extra cost to the Andhra Pradesh Grameena Bank.

All work at night after obtaining approval from competent authorities shall be carried out without unreasonable noise and disturbance.

32. No compensation or restrictions of work

If at any time after acceptance of the tender Andhra Pradesh Grameena Bank shall decide to abandon or reduce the scope of work for any reason whatsoever and hence not required the whole or any part of the work to be carried out. The Architect / consultant shall give notice in writing to that effect to the contractor and the contractor shall act accordingly. In the matter. The contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the work fully but which he did not derive in consequence of the foreclosure of the whole or part of the work.

Provided that the contractor shall be paid the charges on the cartage only of materials actually and bonafide brought to the work by the contractor and rendered surplus as a result of the abandonment, curtailment of the work or any portion thereof and then taken back by the contractor, provided however that the Architect / Consultant shall have in such cases the option of taking over all or any such materials at their purchase price or a local current rate whichever is less.



“In case of such stores having been issued from Andhra Pradesh Grameena Bank stores and returned by the contractor to stores, credit shall be given to him at the rates not exceeding those at which were originally issued to the contractor after taking into consideration and deduction for claims on account of any deterioration or damage while in the custody of the contractor and in this respect the decision of Architect / consultant shall be final.

33. Suspension of work.

The contractor shall, on receipt of the order in writing of the Architect / consultant (whose decision shall be final and binding on the contractor) suspend the progress of works or any part thereof for such time and in such manner as Architect / consultant may consider necessary so as not to cause any damage or injury to the work already done or endanger the safety thereof for any of following reasons.

34. Certificate of payment.

The contractor shall be entitled under the certificates to be issued by the Bank's Engineer/ Architect / consultant to the contractor within 10 working days from the date to certificate to the payment from Andhra Pradesh Grameena Bank from time to time. The Andhra Pradesh Grameena Bank shall recover the statutory recoveries other dues including the retention amount from the certificate of payment.

Provided always that the issue of any certificate by the Architect / consultant during the progress of works or completion shall not have effect as certificate of satisfaction or relieve the contractor from his liability under clause.

The Architect / consultant shall have power to withhold the certificate if the work or any part thereof is not carried out to their satisfaction.

The Architect / consultant may by any certificate make any corrections required in previous certificate.

The Andhra Pradesh Grameena Bank shall modify the certificate of payment as issued by the architect / consultant from time to time while making the payment.

The contractor shall submit interim bills only after taking actual measurements and properly recorded in the M books.

The contractor shall not submit interim bills when the approximate value of work done by him is less than Rs,5,00,000/- (Rupees Five Lakhs Only) and the minimum interval between two such bills shall be 10 days.

The contractor shall submit the interim bills in the prescribed format with all detail.

APPROVED MATERIAL LIST -

Sl no	Names of materials	Approved Makes
1	FRLS copper wire	Finolex, Polycab and KEI.
2	Modular switches and sockets	Legrand, Indo Asian, Havells
3	MCBs and DBs	Legrand, Indo Asian, Havells
4	UG cables (1.1 and 11 Kv)	Havells, Finolex
5	Tel cable	Havells, Finolex
6	Switch disconnecting fuse	Havells, Standard
7	PVC conduits (ISI)	Vasavi, Sudhakar, Bajaj Plast
8	MS conduits (ISI)	BEC, Vimco
9	Krone block housing	Adc Krone, Triway, D-link
11	Timer	Anchor, Panasonic, Merlin Gerin, Siemens, L&T
12	Contactors	Siemens, L&T, MG
13	Speaker	Bosch, Philips
14	Music system cable	Finolex, Havells, Standard
15	APFC relay	Siemens, Havells
16	APFC panel	Wave form, Baron, Neptune
17	Change over switch	HPL , Standard
18	Plywood / Solid door/MDF	Archid, Century, Green
19	Laminates	Century, Green, Archid, Sunmica
19	Light fittings	Havells, Philips, Wipro
20	Ceiling fan	Havells, Orient, Usha
21	Exhaust fan	Havells, Usha



PRICE BID

PROJECT: PROPOSED ELECTRICAL & NETWORK WORKS FOR REGIONAL OFFICE MARKAPUR - Reg		
SUMMARY		
ARCHITECT : DESIGN INTEGRATION		
S.NO.	ITEMS	AMOUNT
1	ELECTRICAL & NETWORK WORK - 2 ND FLOOR	
	TOTAL AMOUNT	
	DISCOUNT	
	TOTAL BASE AMOUNT AFTER DISCOUNT	
	GST	



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature

SCHEDULE OF QUANTITIES					
ELECTRICAL INSTALLATION WORKS					
ANDHRA PRADESH GRAMEENA BANK AT MARKHAPUR REGIONAL OFFICE					
S.N	Description	UOM	Qty.	Rate	Amount
	FUSE LINKS				
	Supply, installation, Testing and commissioning of minimum 160 Amps Porcelain Fuse Unit for 3 phase, 4 wire, 415+10% Volts supply firmly fixed on adequate thick hylum sheet and arranged as per Site/ Banks requirement. (suitable for commercial type load)	Set	1.00		
1.00	MAIN DB				
	Supply, installation, testing and commissioning of 8 way VTPN DB (Compact, IP 43-1K 08 - approved make) comprising of Incomer: 125 Amps 4P MCCB, 25KA Outgoing: 2 No.s 63 Amps TP MCB C-Curve (for AC DB & APFC), 1 No.s 100 Amps TP isolator (for COS) at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting.	Set	1.00		
2.00	MASTER CONTROL				
	Supply, Installation, testing and commissioning of 1 No's 63 Amps 4P isolator, 1 No's 63 Amps 4P isolator within a single metal enclosure/ DB, fixed/ recessed in the wall at entrance of branch premises with all other terminations required etc. (For Master Control of AC DB & LDB at Branch Entrance)	Set	1.00		
3.00	ESSENTIAL/ CRITICAL DB				

4.00	<p>Supply, installation, testing and commissioning of 4 way TPN DB (Compact, IP 43-IK 08 - approved make) comprising of Incomer: 100 Amps 4P MCCB Outgoing: 1 No.s 63 Amps TP MCB C-Curve (for L&PDB), 2 No.s 63 Amps SP MCB C-Curve (for UPS), 2 No.s 16 Amps SP MCB C-Curve (for Outside lighting, glow sign) at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting.</p> <p>AC DB</p>	No.s	2.00	
5.00	<p>Supply, installation, testing and commissioning of 4 way TPN DB (Compact, IP 43-IK 08 - approved make) comprising of Incomer: 63 Amps 4P MCB C-Curve Outgoing: 3 No. 10-16 Amps SP MCB's C-Curve (For 3 no AC units in branch) 3 No 25 Amps DP MCB's C-curve at outgoing with inter connection in PVC insulated color coded wire in PVC conduit cable socket including loop earth connection to earth bus bars etc. all complete including mending good the damage and painting.</p> <p>LIGHTING & POWER DB</p>	No.s	1.00	
6.00	<p>Supply, installation, testing and commissioning of 8 way TPN PPI DB with Incomer: 63 Amps 4P MCB C-Curve Outgoing: 3 x 32 Amps 30 ma ELCB for each phase 3 x (8 No.s, 10-16A, SP, MCBs C-Curve) to individual Switch Board circuits, BM, CO AC's, etc as per Banks</p>	No.s	2.00	



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature

	requirement. (for Ground Floor)				
	UPS DISTRIBUTION BOARDS				
	Supply, installation, testing and commissioning of 12 way double door SPN DB with				
7.00	Incomer: 32 Amps, DP, MCB C-Curve Outgoing: 10 No.s 6-10 Amps, SP, MCBs C-Curve to individual Switch Board circuits.	No.s	2.00		
	Supply, installation, testing and commissioning of 8 way double door SPN DB with				
8.00	Incomer: 32 Amps, DP, MCB C-Curve Outgoing: 6 No.s 6-10 Amps, SP, MCBs C-Curve to individual Switch Board circuits.	No.s	4.00		
	Supply, installation, testing and commissioning of 25/ 32A industrial plug socket in metal clad without MCB.	No.s	12.00		
	MCB :				
	Supply & fixing of 40 Amps DP MCB C-Curve in suitable metallic box enclosure (for UPS Input & Output of Branch)	Nos.	4.00		
10.00	Supply & fixing of 32 Amps DP MCB C-Curve in suitable 4P metallic enclosure/ metallic box (for Local control of Banking Hall ACs)	Nos.	6.00		
11.00	Supply & fixing of DP 300 mA ELCB of 32 Amps rated in suitable existing metallic enclosure/ metallic box (for Local control of BM ACs)	Nos.	6.00		
12.00	Supply & fixing of 40 Amps DP MCB type Change over switch in suitable metallic enclosure/ metallic box (for UPS)	Nos.	2.00		
13.00	CABLE LAYING AND TERMINATIONS :				
	Supply & Laying of following 1100V grade armored cable having sector/ circular shaped aluminum conductor XLPE insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip/ wire armored and overall extruded PVC sheathed confirming to IS: 7098, laid along with 1 Run of 8 SWG GI Wire on wall or ceiling using GI clamps and				
14.00					

	spacers as per route shown at site and further as directed by Bank/ Architect.				
a	4C x 50 sq.mm XLPE Cable	Mtr.	55.00		
b	4C x 35 sq.mm XLPE Cable	Mtr.	25.00		
c	4C x 16 sq.mm XLPE Cable	Mtr.	55.00		
15.00	End termination of the following size of cables using flange type cable glands and heavy duty tinned aluminium crimping type cable sockets including gland earthing.				
a	4C x 50 sq.mm XLPE Cable	Nos.	8.00		
b	4C x 35 sq.mm XLPE Cable	Nos.	8.00		
c	4C x 16 sq.mm XLPE Cable	Nos.	8.00		
	GENERAL WIRING				
16.00	Supply and wiring wall / floor etc. / recessed / surface as per colour code with the following size PVC Insulated copper wire along with given earth wire for phase neutral and earth conductor with standard colour coding, through ISI marked rigid PVC conduit.				
a	4 core x 1.5 sq. mm PVC Copper flexible cable in 2 mm thk, adequate dia conduit (from EB cutouts to RYB LED indication board)	Mtr.	160.00		
b	3 core x 2.5 sq.mm PVC Copper flexible cable in 2 mm thk, adequate dia conduit (from Main Panel to O/L timer, Main Panel to Glow sign board..etc.)	Mtr.	160.00		
c	3 runs x 6.0 sq.mm PVC Copper flexible FRLS wire in 2 mm thk, adequate dia conduit (for UPS COS to UPS DB, Main Panel to UPS-1&2, UPS-1&2 to COS)	Mtr.	85.00		
	CIRCUIT WIRING/ SUB CIRCUIT WIRING:				
17.00	Circuit wiring starting from DB's to switch board using 3 runs X 2.5 sq.mm. PVC insulated 1100 V Grade copper stranded conductor (FRLS) wires for phase, neutral and earth wire through 2mm thick heavy duty PVC conduit (color code to be used & Flexible conduit				



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature

	not allowed). The conduit to be laid in false ceiling/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete. i) Each circuit shall have independent earth wire. ii) Termination is to be included in rates.				
a	Primary circuit wiring (from DB to Switch board)	No's	40.00		
b	Secondary circuit wiring (looping from above Switchboard to other) UPS/ RAW POWER POINT WIRING TO DESK/ WORKSTATION	No's	40.00		
	Circuit wiring starting from DB's to point control box/ switch board using 3 runs X 2.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires for phase, neutral and earth wire in concealed/ surface using 2mm thick heavy duty PVC conduit (color code to be used & Flexible conduit not allowed). The conduit to be laid in false ceiling/ wall/ floor and filling the chase with cement mortar and finishing the same in original form/ wooden partition/ above false ceiling with proper clamps etc. all complete. i) Each circuit shall have independent earth wire. ii) Termination is to be included in rates.				
18.00					
a	Primary circuit wiring (from DB to Workstation/ counter power point)	No's	40.00		
b	Secondary circuit wiring (looping from above Workstation/ counter power point to other) POINT WIRING/ GENERAL WIRING	No's	40.00		
	Wiring for light point/ fan point/ wall fan point/ exhaust fan/ light sockets etc. with 3 runs X 1.5 sq.mm. PVC insulated 1100 V Grade copper conductor (FRLS) wires for phase, neutral and earth wire in concealed/ surface using heavy duty PVC conduit along with associated accessories such as bends, tees, saddles, draw boxes, mounting boxes, inner plates, cover plates, ceiling rose, Modular				
19.00					

	switch, socket, etc (wherever required) and chromium plates brass screws/ rowel plug etc. i) Each circuit shall have independent earth wire. ii) Each point shall be earthed. iii) 6A/16 A switch and termination is to be included in point wiring rates.				
a	One light points controlled by one 6 amp. Modular switch.	No's	55.00		
b	Two light points controlled by one 6 amp. Modular switch.	No's	40.00		
c	Three light points controlled by one 6 amp. Modular switch.	No's	10.00		
d	One Wall fan/ Exhaust fan point with 6 amp 3-pin socket controlled by one 6 amp. Modular switch. The switch should be at switch board level including Box, plate, accessories etc complete.	No's	30.00		
e	One Ceiling fan point with 6 amps Modular switch and 5 step electronic regulator. The switch and regulator should be at switch board level including termination on both ends with all accessories.	No's	4.00		
f	One 5 pin 6 amps socket controlled by one 6 amp. Modular switch on existing Switch boards including termination with all accessories. (on board socket)	No's	20.00		
	AC Point (1-Ph) :				
20.00	Supply all materials and wiring through wall floor etc, concealed as per colour code with following rating PVC insulated stranded copper wire (FRLS) in 2mm thk heavy duty PVC pipe upto end terminations (DB to AC Terminal point). Note: Any Local/ remote control accessories between the circuit shall be omitted for measurement.				
a	3 runs x 2.5 sq mm (1-phase) for 1.0/ 1.5 / 2.0 Tr AC's	No's	8.00		
21.00	Supply, installation, testing and commissioning of LED indicator lamps (with Voltage reading indication) (R, Y, B) with 3 no.s LED	Set	1.00		



Contractor Signature

Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

	lamp holders and 3 nos. 6 A switches on a suitable board tapping power from Electricity Board fuse cut outs. The rate shall be excluding of wiring.				
22.00	Supply, installation, testing and commissioning of 1.1 kV grade 3 core 2.5 sq. mm flexible copper cable 3 meter length connected at one end with 15 A three pin socket and other end connected permanently to the switch board of safe room / locker room.	Set	4.00		
	TELEPHONE				
23.00	Supplying and laying of 2 pair 0.5mm dia telephone cable of tinned copper conductor in PVC conduit of suitable size from crone to each telephone socket and RJ - 11 telephone sockets with suitable mounting box of modular type, including all inter connections as required and directed.	No.s	30.00		
24.00	Supply, installation, testing and commissioning of 10 pair krone connector box in a suitable box as required and directed.	No.s	3.00		
25.00	Supply and laying of ISI marked 25mm dia medium grade PVC conduit concealed / flushed in wooden partition or wall for data cabling with fish wire and from Work station upto false ceiling level as directed by Banks Engineer.	RMT	25.00		
	SWITCH BOARDS/ WORK STATION/ DESK POWER OUTLETS				
26.00	Supply, Installation, testing and commissioning of following Modular type switchboards with switches/ plugs/ sockets mounted on suitable GI/ PVC box. The boxes are to be fixed on the Partitions/ Walls and recessed by suitably cutting/ chiseling making good the damage and all other accessories complete. The rate shall include the termination of circuit/ sub circuit wiring and internal looping/ wiring as instructed by the Architect/ Bank Engineer-in-charge.				
a	3 no. 6A sockets fixed below the table, to be controlled by one no. 16 A modular switch above the table / counter. (for Work station UPS power outlets)	Set	40.00		

b	3 no. 6A sockets fixed above the table to be controlled by one no. 16 A modular switch above the table / counter. (for Workstation Raw power outlets)	Set	55.00		
c	4 no. 6A sockets to be controlled by one no. 16 A modular switch as per site requirement. (for LAN, CCTV Power outlets)	Set	4.00		
c	1 no. 16 A socket controlled by one No. 16 A switch. (for Raw power outlets)	Set	4.00		
d	2 no. 6 A sockets controlled by one No. 16 A switch. (for Raw power outlets)	Set	4.00		
	EARTHING				
27.00	Supply, installing and commissioning of Copper plate earth station including digging and refilling back the pit with black soil and with 3mm x 600mm X 600 mm size copper plate duly tinned through out the surface of the plate, placed at least 1.5 Mtr, below the ground level with 25 X 3 flat Cu strip fixed to the plate and providing 40mm,2mtr, long GI pipe with reducer and funnel at top for watering pipe. As per IS 3043-1987 or latest version. The price should be inclusive of preparation of brick masonry chamber with openable covering plate and terminations etc.	Set	2.00		
28.00	Supplying and laying earth continuity wire of 2 runs of 10sqmm Cu insulated wire in adequate size PVC conduit on/ through the wall/ ground/ duct from earth pit terminal to the earth bench with all necessary accessories and terminations.	RM	160.00		
29.00	Providing standard GI pipe earth station, with 40 mm dia 2500 mm long GI Pipe including excavation, construction of brick masonry chamber providing meshed funnel, electrode, watering pipe, charcoal and salt fill, CI cover completely as per IS 3043-1987 or latest revision. The price should be inclusive of preparation of brick masonry chamber with openable covering plate and terminations etc.	Set	1.00		



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature

30.00	Supplying and laying earth continuity wire of 8 SWG GI insulated wire in adequate size PVC conduit on/ through the wall/ ground/ duct from earth pit terminal to the earth bench with all necessary accessories and terminations.	RM	60.00		
31.00	Supply & Installation of 25 x 3 mm tinned Copper Earth Bench of 30 cm long for termination of main earth conductors and other interconnections.	Nos.	4.00		
	LIGHTS & FIXTURES				
32.00	Supply, installation, testing and commissioning of Recess mounted Full Glow luminaire of 2' X 2' flat type modular 36W LED light fixture complete with electronic driver, wiring, heat sink, opal acrylic diffuser etc. suitable for gyp board or metric false ceiling. The fixture shall be provided with atleast three nos. 20mm dia knock out holes on the top side for fixing down rods and wiring purpose.	Nos.	49.00		
33.00	Supply, installation, testing and commissioning of 18 W - 20W LED batten (4 ft. length) light fixture along with all other connections & accessories rerequired.	No.s	44.00		
34.00	Supply, installation, testing and commissioning of 10 W - 12W LED batten (2 ft. length) light fixture along with all other connections & accessories rerequired.	No.s	4.00		
35.00	Supply, installation, testing and commissioning of 15-18W True ceiling mounted Down light (LED) fittings/ Portico light fittings with all accessories. Make as specified in tender document or approved by the consultant & Bank before proceeding for SITC.	No.s	17.00		
36.00	Supply, installation, testing and commissioning of Exhaust fan 300 mm sweep and metal body of Crompton / Bajaj /Usha / Havell's make.	No.s	8.00		
37.00	Supply, installation, testing and commissioning of Ceiling fans of 1200 mm sweep with all accessories. Make as specified in tender document or approved by the consultant & Bank before proceeding	No.s	4.00		

	for SITC.				
38.00	Supply and providing fan hook on ceiling with all accessories.	No's	4.00		
39.00	Supply, installation, testing and commissioning of Metal body Wall mounted bracket fan 450 mm Crompton/ Bajaj/ Usha/ Havell's make.	No.s	22.00		
40.00	Supply, installation, testing and commissioning of battery operated Call buzzer for Branch Manager chamber along with battery set.	Set	2.00		
41.00	Supply, installation, testing and commissioning of Security lighting with designer LED street light with pressure die cast housing of 40 Watt capacity including supporting pole & clamps.	No.s	0.00		
	MISCELLANEOUS				
42.00	Marking of Panels, DBs, its switch and fuse ratings, cable size, location etc on DBs, for EB (Red), UPS (Blue) distribution boxes, Switch/Socket Boards etc. with radium sticker/ stencil with permanent marker/ painting only.	Lot	1.00		
43.00	Charges for preparation of single line diagram of the whole electrical installation using AutoCAD, lamination and displaying it inside the UPS room.	Lot	1.00		
44.00	Supply and providing of 1mtr. x 2mtr. size (Approx.) x 2.5-3mm thick electrical grade minimum class B rubber insulation mat in Electrical / UPS Room.	Nos.	1.00		
45.00	Supplying and fixing of Electric shock treatment chart in Trilingual (Telugu, Hindi and English) of minimum 50cm X 70cm size with water proof laminate and adequate frame including wall fixing arrangements in Electrical/ UPS room.	Nos.	1.00		
46.00	Supply and providing gauntlet type Rubber gloves of minimum 1100V grade (type-2) in Electrical/ UPS room.	Nos.	1.00		



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature

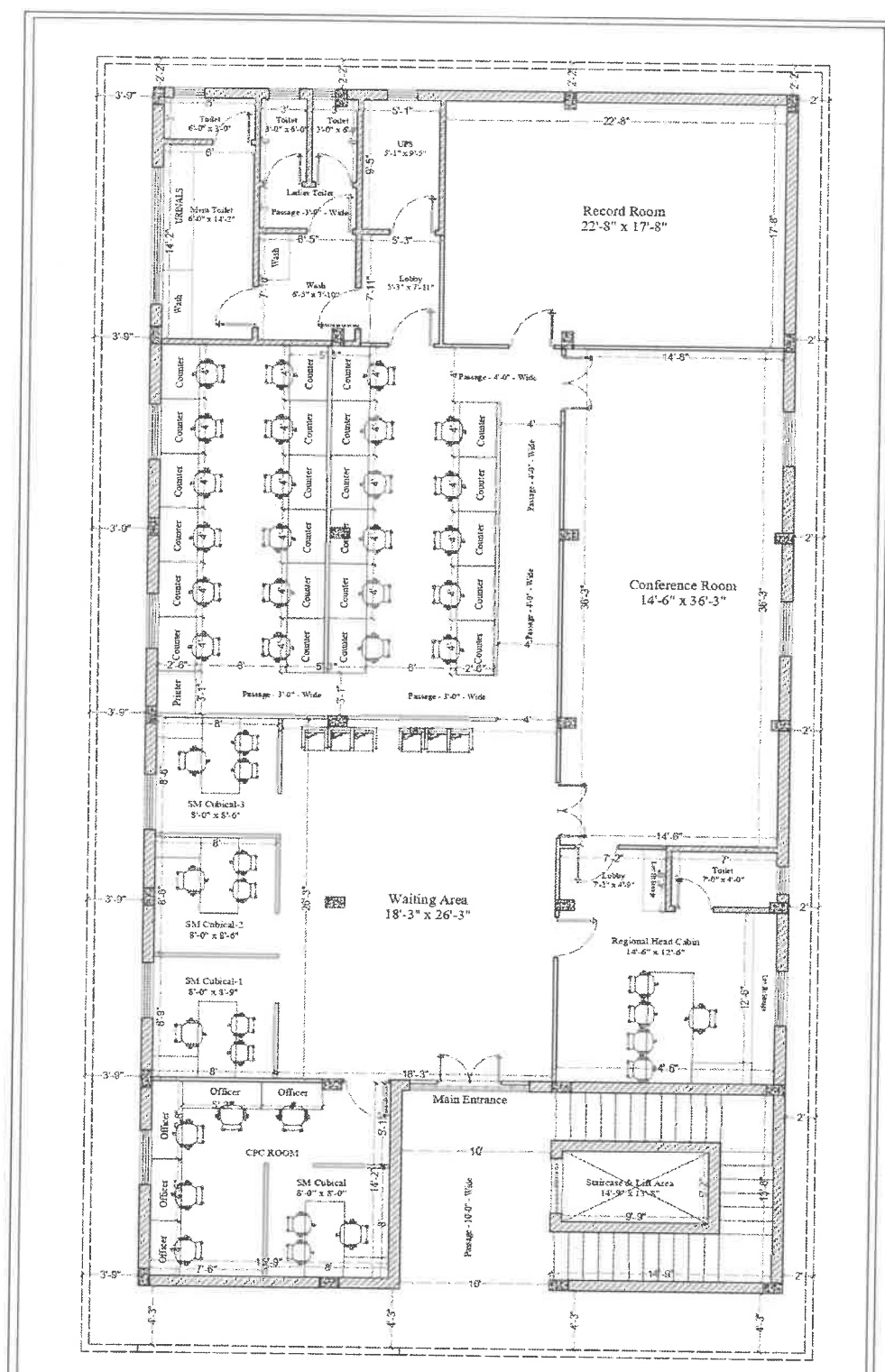
47.00	<p>Supply, installation, testing, and commissioning of a Two-Way Interactive Projection System complete with projector(s), screen(s), wireless presentation unit, ceiling/wall mounting accessories, HDMI cabling, audio integration, and control system for seamless two-way (interactive) communication and presentation. Type: Laser DLP / LCD Projector (Ceiling Mounted)Resolution: Minimum WUXGA (1920 x 1200) or higher (preferably 4K UHD)Brightness: Minimum 5500 ANSI Lumens Contrast Ratio: 3,000,000:1 or better Light Source: Laser diode with a minimum life of 20,000 hours (Maintenance-free)Aspect Ratio: 16:10 / 16:9 (adjustable)Throw Ratio: Suitable for the room depth (Short Throw preferred: 0.8-1.2:1)Projection Method: Front / Rear / Ceiling Mount Connectivity:2x HDMI (Input)1x HDMI (Output - Loop through)USB-A (Presentation / Firmware Update)LAN Port (RJ45)RS-232 Control Port Wireless Display Support (Wi-Fi / Miracast / AirPlay compatible) Interactive Functionality (Two-Way Control)</p> <p>The system shall support two-way interaction between the presenter and the projected image using a touch or pen-based interface.Support for wireless screen sharing, annotation, and reverse control from the projection surface.Compatible with Windows / macOS / Android platforms.Must allow remote control of laptop screen directly from the projection interface (two-way communication).Include interactive software license with lifetime validity.(Rate includes with wiring of suitable ,Hdmi cables chipping of floor laying of wires with own covering of floor with suitable material or existing tile with projector screen sheet)</p>	Nos.	1.00		
48.00	<p>Supply, installation, testing and commissioning of 240V, 50 Hz, minimum 16 Amps rated 24 hrs digital Timer switch for lighting control with all other accessories as instructed by bank official. (for outside lighting)</p>	Nos.	1.00		

49.00	COMPUTER NETWORKING POINTS			
A	Wiring for computer networking from Jack Panel in data rack to computer workstation with Cat-6 computer cable in heavy duty HMS PVC conduits of size 20/ 25 mm including providing ferrules at both ends and termination at both ends including providing & fixing frame for Cat-6 with shutter, RJ 45 outlet, faceplate and mounting box complete of modular type, This work includes supply and laying of CAT-6 cable in PVC conduits throughout the length, from the I/O hub to the point & termination at both ends.	Nos.	40.00	
B	SITC of CAT-6 Wire including conducting,bends,clamping and termination (if required).	Mtr.	630.00	
C	Supplying and fixing 12 U (Rack with glass door, opening in the front power panel 1 (horizontal), cable manager 1 lock & key). Make D-Link/Valrack.	Nos.	2.00	
D	Supply, Installation, Testing & Commissioning of 24 port Jack Panel.	Nos.	2.00	
E	Supplying and fixing Patch Cord-0.5/1 Meter- (Server Rack end)	Nos.	80.00	
F	Supplying and fixing Patch Cord-2 Meter (Workstation Rack end)	Nos.	80.00	
	GRAND TOTAL ELECTRICAL WORK			
	DISCOUNT			
	GRAND TOTAL AFTER DISCOUNT			
	Note:			
	1. GST as applicable shall be paid extra.			
	2. All materials shall be selected by the officials or Engineer-in-charge before execution.			
	3. All the quantities are approx and executed as per site requirement.			
	4.The Bank reserves the right to select any of the brands indicated in the "List of Approved Makes" incase of delay in delivery of ordered 'make of item'.			
	5.The contractor cannot claim anything extra if the Bank changes the make but within the list of approved make.			
	6. Bidder shall visit/ inspect the site before quote.			



Proposed ELECTRICAL & NETWORK Works for Regional Office Markapur

Contractor Signature



PROJECT
Proposed Interior Plan
Layout for APGB at
Markhapur RO

SHEET TITLE
PROPOSED INTERIOR LAYOUT PLAN
 1. This drawing is the property of Design Integration & Architecture and shall remain confidential.
 2. Copying or reuse of this drawing without the written consent of Design Integration & Architecture is strictly prohibited.
 3. All dimensions shall be as indicated on this drawing.

OPTION-6
 Date: 14-02-2024
 Drawn: Arjun Singh
 Checked: Akshay
 Scale: 1/4" = 1'-0"



DESIGN INTEGRATION
 Hyderabad Office: H.No.1-791, Kotkapet, Near
 Balajee, Balajee Mansari RK Dharma,
 Hyderabad, Telangana - 500005.
 Mob: 9125156178, 9553495945.
 E-mail: akshay.design@practico@gmail.com

ARCHITECTURE & INTERIORS



Contractor Signature

Proposed ELECTRICAL & NETWORK Works for Regional Office Markhapur

