



GUWAHATI UTILITIES
COMPANY LIMITED

GUWAHATI UTILITIES COMPANY LIMITED

(CIN U38110AS2023PLC024235.) (GSTIN : 18AAKCG3120G1D3)

4th Floor, Tripti Tower, Ganeshguri, Guwahati-06, Assam

E-mail: mdguclassam@gmail.com

TENDER DOCUMENT

PARALLEL RATE TENDER FOR SUPPLY OF LISTED ELECTRICAL ITEMS

Particulars	Date & Time
Last date of submission of tender	17/12/2023 up to 3:00 PM
Date of opening of tender: Technical Bid	18/12/2023 at 4.00 P.M
Date of opening of Financial Bid	To be intimated subsequently.

Guwahati Utilities Company Limited invites Tenders from eligible bidders for establishing rate contracts (item wise) of Electrical Items (Listed) as per the criteria specified in the tender document.

1.	Name of Work	:	Rate contract for Supply of Electrical Items as listed.
2.	Time allowed for completion	:	Time for completion shall be as per subsequent supply orders.
3.	Earnest Money Deposit	:	Rs. 25,000/- (Rupees Twenty-Five Thousand only) in form of D.D/B.C/F. D in favor of Managing Director, Guwahati Utilities Company Limited issued by scheduled banks of India.
4.	Processing Fee of Tender	:	A non-refundable amount of Rs 1,000/- (Rupees One Thousand only) in form of D.D/B.C/F. D in favor of Managing Director, Guwahati Utilities Company Limited issued by scheduled banks of India.
5.	Last date and time of receipt of Tenders	:	17/12/2023 up to 3.00 p.m.
6.	Address at which the Tenders are to be submitted	:	O/o The Managing Director, Guwahati Utilities Company Limited, 4 TH floor, Tripti Tower, Ganeshguri, Ghy-06
7.	Date and time of opening of Tenders	:	18/12/2023 at 4:00 p.m.
8.	Place of opening Technical Bid	:	O/o The Managing Director, Guwahati Utilities Company Limited, 4 TH floor, Tripti Tower, Ganeshguri, Ghy-06
9.	Validity of Offer	:	120 days from the date of opening the PriceBid.
10.	Liquidated Damages	:	As specified in the subsequent pages in the tender document.
11.	Availability of Tender Documents		Tender documents to be downloaded from official website of GUCL www.GUCL.assam.gov.in
12.	For Tender related queries		e-mail: mdguclassam@gmail.com mdguclindia@gmail.com

RATE CONTRACT FOR SUPPLY OF LISTED ELECTRICAL ITEMS

Guwahati Utilities Company Limited invites tenders in the prescribed format from reputed agencies / suppliers/manufactures/dealers or a legal entity engaged in similar activities for supply of electrical items as per the requirement of GUCL from time to time. The period of contracting shall be One Year. *After expiry of the above prescribed period of 1 year the GUCL reserves the right to extend the period on the same terms and conditions if it so desires at its discretion subject to the mutual agreement between the parties, for a period of not more than one year at a time. No minimum work is guaranteed through this process of deriving a rate contract.*

1. **GUCL may require Listed Electrical items on as & when required basis. The quantity and other details are unidentified at this stage, further, the requirement of the services is repetitive in nature, as such, GUCL initiates the process of Rate Contract procurement as per Section 36 of the APPR Act 2017.**
2. Through this procurement process, GUCL intends to initiate strategic market analysis by identifying rates for the listed items.
3. Earnest money deposited will be refunded to all except the successful bidder without any interest, after awarding the work to the successful bidder.
4. Bids are to be submitted on or before 17/12/2023 by 3.00 PM at the office of the undersigned. The bids are to be submitted in separately sealed envelope comprising of the Technical Bid and the Financial Bid.
5. **The Contractor shall have to deposit amount of Rs. 50,000/- (Rupees Fifty Thousand) only as security deposit at the time of execution of the rate contract. The Security Deposit will be refunded on termination of the contract after adjusting the dues payable by the Contractor to the GUCL without any interest.**
6. Technical Bids will be opened at 4.00 P.M on 18/12/2023. Bidders who qualified in the technical bids shall only be considered for Financial Bidding process and technically qualified bidders will be advised through website of GUCL.
7. The Financial Bid of Technically responsive bidders shall be considered for opening and subsequent further evaluations.
8. The contractors/bidders are advised to visit the premises at their own cost before submission of bid.
9. The Courts in Guwahati city alone shall have the jurisdiction in respect of any or all matters relating to or connected with the Tender.
10. The GUCL does not bind itself to accept the lowest tender and reserves to itself the right to reject any or all the tenders received without assigning any reason. No correspondence will be made in this regard.
11. Final award of the rate contract will be subject to the approval of the Managing Director, GUCL.
12. GUCL reserve right to cancel the tender process at any stage without citing any reasons.
13. In case the date of opening/closing of Bids is declared a holiday in Guwahati, the bids will be opened/closed on the next working day at the same time. GUCL has the right to accept/reject any/all bid without assigning any reasons. *The GUCL also reserves its right to reject any bid which, in the opinion of the GUCL, is too low or unrealistic for effectively carrying out the obligations required under the terms and conditions of the tender.*

Sd/-
Managing Director
Guwahati Utilities Company Limited
Ganeshguri, Guwahati-06.

I. TENDER PROCESS

General-

The tender process will be in two cover system (Technical and Financial). The Technical bid shall contain- covering letter, certificate of vendor all other pages of tender document other than price bid. Price Bid shall be submitted as per the Price Bid Format provided.

A. Contents of Technical Bid-

1. Covering Letter.
2. Duly filled TECH FORM-1 along with all requisites of TECH FORM 1.
3. Duly filled TECH FORM-2 along with all requisites of TECH FORM 2.
4. Any other documents as per the Bid Document.

B. Contents of Financial Bid-

1. In Format as provided.

Validity of Tender

Tenders shall remain valid and open for acceptance for a period of 120 days from the last date of submission of Bid. If the bidder withdraws his/her offer during the validity period or makes modifications in his/her original offer which are not acceptable to the GUCL, the GUCL shall be at liberty to forfeit the EMD without prejudice to any other right or remedy.

Evaluation of Bids, Contract and Award of work-

The broad principles to be adopted for evaluation of bids, contract and award of work is outlined below for the understanding of the bidders. Evaluation shall be done by a committee constituted for the purpose.

Technical Evaluation-

- i. The committee shall evaluate the technical bids received to check the responsiveness to TECH-FORMs and the other requirements laid herein.
- ii. Technically Responsive and qualified bids shall be considered for financial opening.
- ii. Bids found non-responsive in technical stage shall be rejected and financial bids shall not be opened.

Financial Evaluation-

Financial evaluation shall be done on item-wise/service-wise basis (inclusive of taxes) and not on overall cost of the bid. I.e., a technically responsive bid quoting the lowest (L1) for a particular item/service in BoQ shall be listed as the Original rate contract holder and Subsequent lowest bidder/s shall be recommended as the Parallel rate contract holder at the L1 rates subject to agreement of such subsequent lowest bidders.

The competitive component shall be the price for an item/service inclusive of all taxes, cost components etc.

All intermediate results/stages of evaluation as per rules and invitations shall be uploaded in website.

II. Bid Price-

The tenderer shall indicate in the Price schedule the unit prices where applicable and total tender prices of the services it proposes to provide under the contract.

Prices indicated in the Price Schedule shall be the cost of the services quoted including all customs duties and GST and other taxes payable.

The price should be inclusive of packing charges, transportation and transit charges upto the delivery point.

Prices quoted by the tenderer shall remain fixed during the term of the contract unless otherwise agreed by the parties. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.

III. Contracting and issuance of Supply orders/work orders-

The resulting contract from this Bidding process shall be a Parallel Rate Contract with approved rates through the bidding with commitment and conditions of minimum quality to be provided by the agency/bidder but without commitments to quantity of works/services from GUCL.

Work orders shall only be issued based on requirement of GUCL from time to time. No minimum work/supply order/value of procurement is guaranteed.

IV. Performance Security-

(a) **Any rate contract holders shall have to deposit amount of Rs. 50,000/- (Rupees Fifty Thousand) only** as security deposit at the time of execution of agreement/listing. The Security Deposit will be refunded on termination of the contract after adjusting the dues payable by the Contractor to the GUCL without any interest. Considering this to be a rate contract, **additional performance security** may be sought by GUCL depending on the value of the prospective supply order. GUCL may seek additional security deposit/performance security prior to issuance of a supply order amounting to a value of 5% of the proposed supply order to be kept valid for atleast 60 days beyond the obligation period of the supply order. The supplier must honour such request and make necessary submissions within a period of 7 days.

1. All the tenderers are requested to note that GUCL will not accept any incomplete or conditional tender and the tender will be rejected if any tenderer found quoted conditional tender and if the same are not withdrawn at the time of opening of tender / price bid. All conditions, if any, to be loaded with rate. The rate should be inclusive of all taxes payable and necessary insurance premium / service charges etc., for the labour and machinery etc. exclusive of GST
2. The tenderer should satisfy him-self of the scope of work before quoting the rates and clear the doubts if any. No deviation of conditions or request for change of specifications or additional rate will be entertained at any stage.

V. MINIMUM ELIGIBILITY CRITERION / POST-QUALIFICATION

Only those who fulfil the following minimum criteria need to submit their bids:

1. The Bidder should be a legal entity with experience of supply of items to government organisations/institutes/PSUs etc.
2. The Bidder should have registered as a commercial establishment under Shop & Commercial Establishment Act of the State where the Office/ Establishment of bidder is situated.

3. The bidders should not have been blacklisted/debarred by any Ministry/Department/Organization.
4. The agency should be in business for at least 3 years. They should have an “AUDITED” average annual turnover Rs. 10.00 Lakhs during the last three years.
5. The Bidder must have a valid PAN and should be registered for the purpose of GST as applicable.
6. The tenderer shall have its office and set-up in Guwahati for effective co-ordination for timely availability of vehicles even at very short notice, address & other details (proof of lease /ownership) to be enclosed in Technical bid.
7. Experience of having successfully completed similar supply works for Government offices/ Department during last 3 years, should be either of the following :
 - a. Three similar completed works (value of each atleast 10 Lakhs)
OR
 - b. Two similar completed works (value of each atleast 15 Lakhs)
OR
 - c. One similar completed work (value of at least 30 Lakhs)

VI. Rate contract will be formed among the responsive bidders as per the criterion mentioned in the tender based on the unit rates offered. The rate contract shall be item/service wise parallel rate contract.

Bid Price-

- The tenderer shall indicate in the Price schedule the unit prices where applicable and total tender prices of the services it proposes to provide under the contract.
- Prices indicated in the Price Schedule shall be the cost of the services quoted including all customs duties and GST and other taxes payable.
- **The price shall be inclusive of packaging, transportation, handling and complete delivery of the items.**
- Prices quoted by the tenderer shall remain fixed during the term of the contract unless otherwise agreed by the parties. A tender submitted with an adjustable price quotation will be treated as non-responsive and will be rejected.
- The Price of the accepted/rate contracted bidder shall be subjected to “Price Fall Clause” as per the Assam Public Procurement Rules 2020.

VII. TERMS OF BIDDING-

- d. GUCL reserves the right to cancel the tender process at any time before finalization and execution of the contract with or without assigning any reason.
- e. Rate contract with any bidder may be terminated with a prior written notice of 15 days.
- f. Language of Bid: All bids and supporting documentation shall be submitted in English.
- g. GUCL reserves the right to accept or reject any or all bids without assigning any reason thereof and GUCL’s decision in this regard will be treated as final. Bids may be accepted or rejected in total or any part or items thereof. No contractual obligation whatsoever shall arise from the Tender process unless and until a formal purchase order is signed and issued by duly authorized officials of the GUCL.
- h. Any bid not containing enough information and documents which preclude a thorough analysis will be rejected. Readability of the documents submitted must be ensured by the bidders, failing which bids may be rejected/not considered for evaluation.

- i. GUCL shall have the right to reject the bids not submitted in the prescribed format or incomplete in any manner.
- j. GUCL is not responsible for non-receipt of bids within the specified date and time due to any reason.
- k. GUCL also reserves the right to alter/modify any/some/all the requirements as it may deem necessary and notify the same on its website.
- l. The bidders should be agreeable for the same. All changes amendments would be informed through GUCL website. No publishing will be done through print media.
- m. Bidders who do not meet the technical criteria stipulated by the GUCL will not be considered for further evaluation.
- n. Bids to be complete in all respects and incomplete bids will be summarily rejected. The GUCL will not entertain any correspondence in this regard. GUCL shall have the right to cancel the Tender process at any time prior to award of contract, without thereby incurring any liabilities to the affected bidder(s). Reasons for cancellation, as determined by GUCL at its sole discretion include but are not limited to, the following:
 - 1. Services contemplated are no longer required.
 - 2. Scope of work was not adequately or clearly defined due to unforeseen circumstances and/or factors and/or new developments.
 - 3. Proposed prices are unacceptable to the work.
 - 4. The project is not in the best interest of GUCL.
 - 5. Any other reason.
- o. GUCL reserves the right to verify the validity of bid information and to reject any bid where the contents appear to be incorrect, inaccurate or inappropriate at any time during the process of Tender or even after award of contract.
- p. All pages of bid document should be stamped and signed by authorized signatory of the bidder.
- q. Bidders should carry out any change request necessitated by the GUCL.
- r. GUCL reserves the right to discontinue/close the project at any point of time without assigning any reason thereof and GUCL's decision in this regard will be treated as final. By responding to this document, it is construed that the bidder has agreed to fully adhere to all the requirements of this Tender.

**VIII. SCOPE OF SERVICES AND DETAILED TERMS AND CONDITIONS
AGENCIES / COMPANIES RESPONSIBILITY**

Scope of Supply and delivery --

1. The items listed under this procurement document must be OEM (Original Equipment Manufacturer) authorized items. No third party claims pertaining to proprietary rights/copyright/trademark must be raised against GUCL during the course of the contract. All such claims shall automatically and by default pass on to the supplier.
2. Local Content- Items to be supplied under this contract must have a minimum Local Content of 50%.
3. GUCL may seek OEM authorization certificate from the supplier prior to supply and the supplier shall have to ensure submission of such certificate failing which security may be forfeited and the contract may be terminated.
4. The items to be supplied must not be obsolete for at least 3 years from the date of actual supply.
5. No malicious or copy items must be proposed/supplied under this contract.
6. Warranty Requirements-
All items supplied must mandatorily possess a minimum warranty (OEM) of 1 year from the date of delivery. All documents of warranty must be handed over to the receiving and accepting authority.
7. Prior to supply and delivery of the items in bulk, GUCL has the right to seek sample submission/sample demonstration and verification. A period of maximum 7 days shall be given for such submission/demonstration.
8. Payment Requirements-
Payment under any supply order under the resulting contract shall only be claimable only on submission of "Item Receipt and Acceptance Certificate" duly signed and certified by concerned/authorized personnel of GUCL duly supported with Photograph bearing date and time stamp.
9. One of the primary essences of this rate contract is delivery on urgent basis and short notice at approved rates. Supplier holding the rate contract shall ensure compliance to the requirement at short notice failing which, GUCL at its own discretion may allow supply to other suppliers at the same rates.

IX. INDEMNITY & LIABILITY

- (b) The Bidder agrees to indemnify the GUCL against all losses or claims in respect of any or all statutory / financial obligations arising out of any negligence or misconduct on the part of the driver/contractor howsoever and in whatsoever manner caused to the GUCL. GUCL will not enter into any litigation whatsoever under any circumstances in respect of afore-stated statutory / financial obligations. Any litigation if so warranted/compelled will be conducted and pursued by the GUCL at the cost of the Bidder only.
- (c) The Bidder shall be responsible and answerable for all claims from third parties including the employees of the GUCL in the event of any accident or injury, death, loss or damage leading to / involving any liability caused by the Bidder or its driver/s or employees. If during the contract period, any loss or damage to property or life, death due to accident etc., is caused either to the passenger, driver or any other third party, the GUCL shall not be responsible for the same.
- (d) Until the formal handing over and delivery of the goods, the custody of the goods shall be the responsibility of the supplier. Ownership shall transfer only on successful delivery and certification.
- (e) The Bidder shall comply with the Rules / regulations under Motor Vehicle Act or any applicable Law and prescribed by the Assam Transport Authority for transportation.
- (f) The Bidder must replace faulty goods/failed goods or damaged goods within a period of 24 hours on receipt of such replacement request.
- (g) All claims and incidental expenses towards repairs, servicing the vehicle etc. shall be borne by the Bidder.
- (h) The Bidder shall be responsible for all legal compliances prescribed by Government of India and the State Governments concerned which shall among others include law relating to Income Tax, Accidents, ESI, EPF, Insurance, Contract Labor (Abolition & Regulation) Act, Industrial Disputes Act, Workmen Compensation Act, Payment of Wages Act, Minimum Wages Act etc. The Bidder along with the Motor vehicle Insurance Premium etc. shall submit proof of payment of statutory dues. Any breach of the applicable laws, rules and regulations would entitle the GUCL to cancel the contract.
- (i) The security deposit of the successful Bidder shall remain deposited with the GUCL during the period of contract which can be forfeited in case Bidders violates the terms and conditions of tender during this period and will not carry any interest.
- (j) GUCL may seek additional security deposit/performance security prior to issuance of a supply order amounting to a value of 5% of the proposed supply order (detailed above in relevant section). The supplier must honour such request and make necessary submissions within a period of 7 days.

X. **PAYMENT SCHEDULE:** The payment to the Contractor will be released by GUCL on submission of invoices along with proof of adhering to the contract conditions. Bills must be supported with “Item receipt and acceptance Certificate” duly signed by authorized personnel of GUCL with supporting photographs.

XI. PENALTIES

While all contractual obligations will be strictly be observed and enforced, deductions will however be made for poor or unsatisfactory services, such as;

- (a) The GUCL reserves the right of imposing penalties and the amount of such penalties shall be deducted from invoices/bills or the earnest money/security deposit kept with the GUCL as the case may be.
- (b) Wherever the Bidder or his employees, after the award of the contract, is / are found indulging in fraudulent acts and dishonest practices like fake slips and similar kind of wrong practices by the Bidder/ employees, the contract shall be liable to be cancelled by the GUCL with immediate effect and the security deposit shall be forfeited.
- (c) No upward price enhancement would be allowed on account of any reason, whatsoever, including increase in prices during the period of contract. “Price Fall Clause” shall be applicable as per APPR 2020.
- (d) The GUCL shall levy the penalty only after giving reasonable opportunity to the agency. In case of dispute, an appeal can be made to the Commissioner, GUCL whose verdict shall be final in the matter.

XII. Termination

The GUCL reserves its right to terminate the agreement for any reason at its absolute discretion including but not limited to the following: -

(ii) The GUCL may, without prejudice to any other remedy for breach of contract, may terminate the contract/agreement by fifteen (15) days notice in the event of unsatisfactory performance or on breach of any stipulated conditions or qualitative dimensions of the various services specified/agreed upon by the contractor, or the engagement is not in the interest of the GUCL or the GUCL no more requires any such service and the Contract shall be deemed to have been terminated for all purposes on the expiry of the fifteenth (15) day from the date of receipt of the notice.

(iii) Other Grounds for Termination: The GUCL is entitled to terminate this contract/agreement for any reason at its absolute discretion forthwith without notice without assigning any reason and without payment of any compensation, in the following cases: -

- a) the bidder is adjudicated insolvent by a Competent Court or files for insolvency or if the hirer being a company is ordered to be wound up by a Court of competent Jurisdiction.
- b) If any charge sheet is filed by a competent authority of the Government against the Agency / Company, or the bidder is convicted by a criminal court on grounds of moral turpitude.
- c) For any reason whatsoever, the bidder becomes disentitled in law to perform his obligations under this agreement.
- d) The Bidder is involved in wrongful billing. In addition, hereto wrongful billing shall also result in the organization being debarred from participating in any other tender of the GUCL.

(iv) The termination of this agreement shall not affect the rights, remedies and obligations of the parties accruing prior to such termination.

(v) The Bidder shall upon termination of this Agreement forthwith hand over to GUCL all documents, material and any other property belonging to GUCL including any confidential information.

TECH FORM-1

In Non-Judicial Stamp Paper of Value Not less than Rs 100

RFB No:

I/We _____

Of (insert business address)

Hereby submit our bid in response to the Request for Bid (RFB) for
.....

We hereby submit our confirmation and acceptance to all the clauses and terms of the RFB

Also, We commit to supply OEM authorized items only under this contract. **It shall be ensured that goods to be supplied shall have a Minimum Local Content of at least 50%.**

We understand, the Financial Evaluation shall be for each item separately to determine the Lowest Rate and to ensure that the works are executed/services are delivered/Goods are supplied at the lowest rate.

We understand, this is a process resulting to execution of a framework agreement only and no minimum work is guaranteed through this process.

I/We understand that the Authority reserves the right to accept / reject any application and the selection is at their sole discretion. Further, it is understood and agreed that this being a Parallel Rate Contract, GUCL shall be at the liberty to allow multiple suppliers supply the items at the Lowest rate derived.

Our Bid is valid for a period of 120 days (as per Bid Data-sheet).

Mr/Ms..... is authorized as the authorized signatory to make necessary processes and submissions in relation to this Bid.

We declare that we are not blacklisted by any Ministry/Department/ Organization and our business dealing with the Government Ministries/Department have not been banned. We further declare that there is no conflicting interest of any manner in reference to this tender.

We understand that no upward price escalation is permitted and our prices are subject to “Price Fall Clause” as per APPR 2020.

We are eligible to participate in this bidding process and the same is substantiated by the Form below as Annexure-1.

Authorized Signature

Name in full:

Agency Name:

Title:

Annexure I

Responsive Checklist for Technical Bid/Eligibility Criteria

S.N.	Particular	Acceptable documents	Supporting Attached at-
1	The Bidder should be a registered Legal Entity.	Trade License/Incorporation certificate/Registration certificates.	
2	The Bidder should have registered as a commercial establishment under Shop & Commercial Establishment Act of the State where the Office/ Establishment of bidder is situated.	Shops and Establishment License issued by the Commissionerate of Labour.	
3	The bidders should not have been blacklisted/debarred by any Ministry/Department/ Organization.	FORM TECH 1 in non-judicial stamp paper.	
4	<p>a. The bidder should be in business for at least 3 years.</p> <p>b. They should have an “AUDITED” average annual turnover Rs. 10 Lakhs during the last three years.</p>	<p>a. Work Orders/Completion to prove business existence.</p> <p>b. UDIN verified C.A declaration to Average Annual Turnover with IT return certificates.</p>	
5	The Bidder must have a valid PAN and should be registered for the purpose of GST as applicable.	Copy of PAN and GST.	
6	Office set-up in Guwahati for effective co-ordination	GST showing place of business and/or proof of lease /ownership.	

7	Experience of having successfully completed similar supply works for Governments as per "Section V- Point 7" above.	Workorders/completion/interim certificates to prove experience as per eligibility requirements.	
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This is to certify that I/We certify that I/We before signing this bid have read and fully understood all the terms and conditions contained herein and under myself/ourselves abide by them. We further declare that--

- a) All the information furnished above are true to my knowledge. I have no objection to the GUCL verifying any or all the information furnished in this document with the concerned authorities, if necessary.
- b) In the event of any information or statement being found to be incorrect in any way and at any time, the same be construed to be a misrepresentation, enabling GUCL to avoid / cancel any resultant contract and forfeit the EMD/security deposit.
- c) I / we further undertake that as and when called upon by the GUCL for inspection, to produce original (s) of the documents of which copies have been attached hereto.
- d) No malicious goods shall be supplied under this contract.
- e) Any third party claims shall, by default pass on to us and GUCL shall not be liable for such claims.
- f) It is certified that I / we have not been debarred or blacklisted from participation in Govt., tenders at the time of purchasing this tender document.
- g) I / We also certify that, I / We have understood all the terms and conditions indicated in the tender document and hereby accept the same completely and unconditionally

(Signature of tenderer)
Rubber seal)

BASIC DETAILS OF THE BIDDER

1. Name-.....
2. In Business Since-.....
3. GSTIN-.....
4. PAN-.....
5. Contact Details- Email-.....; Phone-.....
6. Official Address -.....
7. Bankers Name-..... A/C No-..... IFSC-.....
8. List of Previous Experience-

Sl.	Organization/Dept.	Year of Supply	Value

9. Turnover Abstract-
Average Annual Turnover of Last Three F.Ys- INR.....

Attach following documentary evidence:

- (a) Registration Certificate
- (b) Any other relevant document

Signature of Bidder:Seal / Stamp

Date:

Place

FINANCIAL PART
(TO BE SUBMITTED SEPARATELY)

UNIT RATE PRICE QUOTE SHEET OF STREET LIGHT/OTHER ACCESSORIES

Name of Work:- Rate Contract for supply of listed electrical items

(ALL MATERIALS SHOULD BE APWD/ISI APPROVED MARKET WHERE NECESSARY)

Sl. No.	Description	Unit	Rate	
			In Figure	In Word
Copper WIRES				
1	1.5 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
2	1 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
3	2.5 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
4	4 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
5	6 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
6	10 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
7	16 Sq mm single core Copper Wire (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 90 meter		
8	6 Sq mm 4 core Flexible XLPE insulated Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
9	8 Sq mm 4 core Flexible Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
10	10 Sq mm 4 core Flexible XLPE insulated Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
11	16 Sq mm 4 core Flexible XLPE insulated Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
12	25 Sq mm 4 core Flexible XLPE insulated Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
13	35 Sq mm 4 core Flexible XLPE insulated Copper cable (Finolex, RR Cable, Anchor, Havells, Polycab)	per coil 100 meter		
Office & Wiring Accessories				

14	PVC Pipe 1" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	Each of 3.00 m length		
15	PVC Pipe 2" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	Each of 3.00 m length		
16	PVC casing 1" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
17	2 Way Band (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
18	3 Way Band (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
19	4 Way Band (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
20	1 " PVC Gutka	Packet		
21	1.5 " PVC Gutka	Packet		
22	2 " PVC Gutka	Packet		
23	1 " Screw	Packet		
24	1.5" Screw	Packet		
25	2" Screw	Packet		
26	PVC Board 8" x 10" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
27	PVC Board 8" x 6" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
28	PVC Board 7" x 4" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
29	PVC Board 4" x 4" (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
30	Ceiling Fan 48" (Havels, Bajaj, Cromton Greaves)	each		
31	Ceiling Fan 56" (Havels, Bajaj, Cromton Greaves)	each		
32	Wall Fan (Havels, Bajaj, Cromton Greaves)	each		
33	Stand Fan (Havels, Bajaj, Cromton Greaves)	each		
34	Fan Regulator (Electronic)	each		
35	Fan Regulator (General)	each		
36	9" (225 mm) Exhaust fan with all accessories	each		
37	12" (300 mm) Exhaust fan with all accessories	each		
38	Ceiling Rose	each		
39	PVC L-joint	each		
40	PVC T-joint	each		
41	PVC External joint	each		
42	PVC Internal joint	each		
43	2-way Circular Box	each		
44	3-way Circular Box	each		
45	4-way Circular Box	each		
46	100 Amp manual change over	each		
47	200 Amp manual change over	each		

48	100 Amp 3-phase manual ICTP main switch with handle	each		
49	200 Amp 3-phase manual ICTP main switch with handle	each		
50	500 Amp 3-phase manual ICTP main switch with handle	each		
51	1-phase 3-way, 32 Amp Phase selector Rotary switch	each		
52	1-phase 3-way, 64 Amp Phase selector Rotary switch	each		
53	Panel phase-indicator pilot lamp set (Red-Yellow-Blue)	set		
54	Flexible pipe	R/M		
55	GI Saddle	each		
56	6 Amps Switch (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
57	6 Amps Socket (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
58	16 Amps Switch (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
59	16 Amps Socket (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
60	16 Amps SS combined board (Anchor penta / Gold medal / Kolor Kany.Kom ./ Havells)	each		
61	16 Amps modular SS combined board with Metal Box for Concealed wiring (Havells, Bajaj, Cromton Greaves HPL , Philips)	each		
62	16 Amp Industrial multiphase Socket (Male/ Female) (Havells / Schneider / ABB / SIEMENS)	each		
63	32 Amp Industrial multiphase Socket (Male/ Female) (Havells / Schneider / ABB / SIEMENS)	each		
64	64 Amp Industrial multiphase Socket (Male/ Female)(Havells / Schneider / ABB / SIEMENS)	each		
65	Round model plate for concealed wiring	each		
66	AC starter box	each		
67		each		
68	Batten holder with screw	each		
69	Angle Holder with Screw	each		
70	10 mm Fan fastener	each		
71	12 mm Fan fastener	each		
72	14 mm Fan fastener	each		
73	3 watt spot lights for false ceiling (Warm white)	each		
74	5 watt spot lights for false ceiling (Warm White)	each		
75	Glass light for false ceiling	each		
76	Machine screw for Concealed wiring	each		
77	L&T MCX 01 4-pole Contactor	each		
78	L&T MCX 02 4-pole Contactor	each		

79	L&T MCX 03 4-pole Contactor	each		
80	L&T MCX 04 4-pole Contactor	each		
81	L&T MCX 11 4-pole Contactor	each		
82	L&T MCX 12 4-pole Contactor	each		
83	L&T MCX 21 4-pole Contactor	each		
84	L&T MCX 22 4-pole Contactor	each		
85	L&T MCX 31 4-pole Contactor	each		
86	L&T MCX 32 4-pole Contactor	each		
87	L&T MCX 33 4-pole Contactor	each		
88	L&T MCX 34 4-pole Contactor	each		
89	L&T MCX 41 4-pole Contactor	each		
90	L&T MCX 42 4-pole Contactor	each		
91	L&T MCX 43 4-pole Contactor	each		
92	L&T MCX 44 4-pole Contactor	each		
93	L&T MCX 45 4-pole Contactor	each		
94	L&T MCX 46 4-pole Contactor	each		
95	Timer Switch-Analog (HAGAR, ABB)	each		
96	Timer Switch-Digital (HAGAR, ABB)	each		
LED Street Light Set				
97	16 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
98	18 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
99	20 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
100	25 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
101	30 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
102	45 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
103	60 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
104	90 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
105	100 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
106	120 Watt (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
107	150 Watt LED Floodlight set (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
108	200 Watt LED Floodlight set (Havels, Bajaj, Cromton, Greaves HPL, PHILIPS, Jaquar)	each		
109	250 Watt LED Floodlight set (Havels, Bajaj, Cromton, Philips, Jaquar)	each		
110	300 Watt LED Floodlight set (Havels, Bajaj, Cromton, Philips, Jaquar)	each		
111	400 Watt LED Floodlight set (Havels, Bajaj, Cromton, Philips, Jaquar)	each		

Electrical Accessories				
112	SPD 10 KV (Surge Protector, Bajaj)	each		
113	90 Watt LED Driver, Cromton	each		
114	90 Watt LED Driver, Havels, Bajaj, Cromton	each		
115	100 Watt LED Driver, Havels	each		
116	120 Watt LED Driver , Havels	each		
117	25 Watt LED Driver (Bajaj)	each		
118	40 mm dia hot dip galvanised pipe for 30 Watt street light bracket (APDCL Existing Pole)	each		
119	75 mm dia hot dip galvanised pipe for 90 Watt street light bracket (APDCL Existing Pole)	each		
120	Single arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each		
121	Double arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each		
122	Triple arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each		
123	Quad arm regular bracket 1000 mm long for 3m to 10 m. Poles (Nezon)	each		
124	Single arm Ornamental bracket for 3m to 10 m poles (Nezone)	each		
125	Double arm Ornamental bracket for 3m to 10 m poles (Nezone)	each		
126	Triple arm Ornamental bracket for 3m to 10 m poles (Nezone)	each		
127	Quadruple arm Ornamental bracket for 3m to 10 m poles (Nezone)	each		
128	Three Phase Smart pack pole mounting Junction box (Sintax)	each		
129	Single Phase Smart pack pole mounting Junction box (Sintax)	each		
130	1.5 Sq mm B.T.C. (Ajanta, Richa)	coil		
131	4 Sq mm B.T.C. (Ajanta, Richa)	coil		
132	6 Sq mm B.T.C. (Ajanta, Richa)	coil		
133	10 Sq mm B.T.C. (Ajanta, Richa)	coil		
134	16 Sq mm B.T.C. (Ajanta, Richa)	coil		
135	4.00 Sq mm 2 core Armoured U.G. Cable(Havels, Polycabe Golster)	R/M		
136	6.00 Sq mm 2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
137	6.00 Sq mm 4 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
138	10 Sq mm 4 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
139	16.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
140	25.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
141	35.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
142	50.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
143	70.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		
144	95.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havels, Polycabe Golster)	R/M		

145	120.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
146	150.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
147	185.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
148	240.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
149	300.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
150	400.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
151	500.00 Sq mm 3 & 1/2 core Armoured U.G. Cable (Havel, Polycabe Golster)	R/M		
152	4.00 Sq mm Size Aluminium Cable lug	each		
153	6.00 Sq mm Size Aluminium Cable lug	each		
154	10.00 Sq mm Size Aluminium Cable lug	each		
155	16.00 Sq mm Size Aluminium Cable lug	each		
156	25.00 Sq mm Size Aluminium Cable lug	each		
157	35.00 Sq mm Size Aluminium Cable lug	each		
158	50.00 Sq mm Size Aluminium Cable lug	each		
159	70.00 Sq mm Size Aluminium Cable lug	each		
160	95.00 Sq mm Size Aluminium Cable lug	each		
161	120.00 Sq mm Size Aluminium Cable lug	each		
162	150.00 Sq mm Size Aluminium Cable lug	each		
163	185.00 Sq mm Size Aluminium Cable lug	each		
164	240.00 Sq mm Size Aluminium Cable lug	each		
165	300.00 Sq mm Size Aluminium Cable lug	each		
166	400.00 Sq mm Size Aluminium Cable lug	each		
167	500.00 Sq mm Size Aluminium Cable lug	each		
168	25.00 mm dia medium duty G.I. Pipe	R/M		
169	32.00 mm dia medium duty G.I. Pipe	R/M		
170	40.00 mm dia medium duty G.I. Pipe	R/M		
171	50.00 mm dia medium duty G.I. Pipe	R/M		
172	65.00 mm dia medium duty G.I. pipe	R/M		
173	100.00 mm dia medium duty G.I. Pipe			
174	1.00 ton A/C with all accessories excluding starter box	each		
175	1.5 ton A/C with all accessories excluding starter box	each		
176	2.00 ton A/C with all accessories excluding starter box	each		
177	6 SWG G.I. Earth wire	K/G		
178	8 SWG G.I. Earth wire	K/G		
179	12 SWG G.I. Earth wire	K/G		
180	14 SWG G.I. Earth wire	K/G		

181	3-phase, 440 V Aerial Bunch cable (Havels, HPL, Polycab)	R/M		
182	3-phase, 11 KV Aerial Bunch cable (Havels, HPL, Polycab)	R/M		
183	Aerial Bunch cable junction box with complete fitting accessories	R/M		
184	Piercing Connectors for Aerial Bunch cable	each		
185	3-phase, 440 V Aerial cable joint kit (Cable-to-cable)	each		
186	3-phase, 440 V Aerial cable joint kit (Cable-to-transformer)	each		
187	Galvanised LT Cross arm for Aerial cable	each		
188	Pole Mounting Aluminium Panel Board (Sintex)	each		
189	LT Danger Plate	each		
190	40 Watt Twin-dome aviation light with accessories	each		
191	50 Watt Twin-dome aviation light with accessories	each		
192	50 mm GI Perforated cable tray	each		
193	100 mm GI Perforated cable tray	each		
194	150 mm GI Perforated cable tray	each		
195	200 mm GI Perforated cable tray	each		
196	250 mm GI Perforated cable tray	each		
197	300 mm GI Perforated cable tray	each		
198	Single phase capacitor start- capacitor run 1 hp induction motor starter panel with accessories	each		
199	Single phase capacitor start- capacitor run 1.5 hp induction motor starter panel with accessories	each		
200	Single phase capacitor start- capacitor run 3 hp induction motor starter panel with accessories	each		
201	3 phase star-delta starter unit and panel for 10 hp induction motor with necessary conection and accessories	each		
202	3 phase star-delta starter unit and panel for 15 hp induction motor with necessary conection and accessories	each		
203	3 phase star-delta starter unit and panel for 30 hp induction motor with necessary conection and accessories	each		
204	3 phase star-delta starter unit and panel for 50 hp induction motor with necessary conection and accessories	each		
Street Light & High Mast pole				
205	410 SP 43 Length of pole = 10.00 metre. , Length of sections, Bottom = 5.20 m, Middle = 240 M, Top= 2.40 M, out side dia. & Thickness Bottom = 165.10 X 4.50 mm, Middle = 138.70 X 4.50 mm, Top= 114.3 X 3.65 mm (Bajaj, Philips, Valmont Nizone)	each		

206	410 SP 66 Length of pole = 12.00 metre. , Length of sections, Bottom = 5.80 m, Middle = 3.10 M, Top= 3.10 M, out side dia. & Thickness Bottom = 219.10 X 5.60 mm, Middle = 193.7 X 4.85 mm, Top= 165.10 X 4.50 mm (Bajaj, Philips, Valmont Nizone)	each		
207	Galvanized octagonal pole of following specification : Type BOP or equivalent - 6030 Hieght 6.00 m Dia. 70 Bottom & Dia. 130, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 220 X 220 X 12, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 20 dia. pitch circle dia. PC 205, Bolt Length 600, Projected Bolt Length 100, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	each		
208	Galvanized octagonal pole of following specification : Type BOP or equivalent - 7030 Hieght 7.00 m Dia. 70 Bottom & Dia. 130, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 220 X 220 X 12, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 20 dia. pitch circle dia. PC 205, Bolt Length 750, Projected Bolt Length 100, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	each		
209	Octagonal pole of following specification : Type BOP or equivalent - 8030 Hieght 8.00 m Dia. 70 Bottom & Dia. 135, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 225 X 225 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 20 dia. pitch circle dia. PC 210, Bolt Length 750, Projected Bolt Length 100, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	each		
210	Octagonal pole of following specification : Type BOP or equivalent - 8030 Hieght 8.00 m Dia. 70 Bottom & Dia. 135, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 225 X 225 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 20 dia. pitch circle dia. PC 210, Bolt Length 750, Projected Bolt Length 100, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	each		
211	Octagonal pole of following specification : Type BOP or equivalent - 103 Hieght 10.00 m Dia. 70 Bottom & Dia. 175, sheet Thickness 3 mm, Base plate Dimensions (L X B X T) 275 X 275 X 16, Foundation Bolt, Bolt Size :- (no X dia.) 4 X 24 dia. pitch circle dia. PC 270, Bolt Length 750, Projected Bolt Length 125, Anchor plate thickness :- 4 mm (Bajaj, philips , Valmont, nizone)	each		
212	Octagonal pole for the following : Type BOP or equivalent - Height 25.00 m, for high mast lighting and foundation dimension 10 X 10 X 7 cubic feet (L X B X H), Projected Bolt length 300, Anchor plate thickness 10 mm (Nezone, TATA, Valmont) along with head frame and necessary foundation bolts.	each		

213	Octagonal pole for the following : Type BOP or equivalent - Height 30.00 m, for high mast lighting and foundation dimension 12 X 12 X 8 cubic feet (L X B X H), Projected Bolt length 325, Anchor plate thickness 15 mm (Nezone, TATA, Valmont) along with head frame and necessary foundation bolts.	each		
Electrical Decorative items				
214	36 watt LED Tube Set (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
215	18 watt LED Bulb (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
216	15 watt LED Bulb (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
217	12 watt LED Bulb (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
218	9 watt LED Bulb (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
219	8 watt Recessed mounting sleek resquare LED downlight (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
220	15 watt Recessed mounting sleek resquare LED downlight (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
221	8 watt Recessed mounting sleek circular LED downlight (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
222	15 watt Recessed mounting sleek circular LED downlight (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
223	8 Watt ground light for garden illumination (Havels, Bajaj, Crompton, Phillips)	each		
224	15 Watt ground light for garden illumination (Havels, Bajaj, Crompton, Phillips)	each		
225	LED Rope light with IP-65 , IP-66 ingress protection and inbuilt SPD and Connector/ Adapter	each		
226	100 Watt Coloured Floodlight (Red/Blue/Green/Yellow/Pink) (Havels, Bajaj, Crompton, Phillips)	each		
227	150 Watt Coloured Floodlight (Red/Blue/Green/Yellow/Pink) (Havels, Bajaj, Crompton, Phillips)	each		
228	T5 LED Tube light with Set (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
229	36 watt Tube light (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
230	36 watt Tube Ballast (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
231	Starter (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
232	36watt Tube holder (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
233	Insulation Tape	each		
234	Double sided Tape	each		
235	2.5 sqmm VIR Wire (Ajanta, Polycab)	coil		
236	4 sqmm VIR Wire (Ajanta, Polycab)	coil		

237	6 sqmm VIR Wire (Ajanta, Polycab)	coil		
Substation equipments				
238	33/11kv 10 MVA Transformer with OLTC & RTCC Panel	No.		
239	33/11kv 5 MVA Transformer with OLTC & RTCC Panel	No.		
240	33/11kv 3.15 MVA Transformer	No.		
241	33/11kv 2.5 MVA Transformer	No.		
242	33/0.433 kv 100 KVA Transformer	No.		
243	11/03 kv 16 KVA DTR (4 Star) - BIS Level - 2	No.		
244	11/0.4 kv 25 KVA DTR (4 Star) - BIS Level - 2	No.		
245	11/0.4 kv 63 KVA DTR (4 Star) - BIS Level - 2	No.		
246	11/0.4 kv 100 KVA DTR (4 Star) - Aluminium wound- BIS Level -2	No.		
247	11/0.4 kv 100 KVA DTR (4 Star) - Copper wound- BIS Level- 2	No.		
248	11/0.4 kv 250 KVA DTR (4 Star) - Aluminium wound- BIS Level- 2	No.		
249	11/0.4 kv 250 KVA DTR (4 Star) - Copper wound- BIS Level- 2	No.		
250	11/0.4 kv 315 KVA DTR (4 Star) - Copper wound- BIS Level- 2	No.		
251	11/0.4 kv 500 KVA DTR (4 Star) - Copper wound- BIS Level- 2	No.		
252	33 KV VCB with GI Mounting Structure	set		
253	33 KV SF6 Breaker with GI Mounting Structure	set		
254	33 KV Isolator earth switch and with GI Mounting Structure 400	set		
255	33 KV Isolator earth switch and with GI Mounting Structure 630	set		
256	33 KV Isolator earth switch and with GI Mounting Structure 800	set		
257	33 KV Isolator earth switch and with GI Mounting Structure 1250	set		
258	33 KV Isolator without earth switch but with GI Mounting	set		
259	33 KV Isolator without earth switch but with GI Mounting	set		
260	33 KV Isolator without earth switch but with GI Mounting	set		
261	33 KV Isolator without earth switch but with GI Mounting	set		
262	33 KV 1ph CT with GI Mounting structure & Marshaling Box (set comprising of three units)	set		
263	33 KV 1ph CT with GI Mounting structure & Marshaling Box (set comprising of three units)	set		
264	33 KV 1ph CT with GI Mounting structure & Marshaling Box (set comprising of three units) 400	set		
265	33 KV 1ph CT with GI Mounting structure & Marshaling Box (set comprising of three units)	set		

266	33 KV 1ph CT with GI Mounting structure & Marshaling Box (set comprising of three units)	set		
267	33 KV/110 V, 1ph PT with GI Mounting structure & Marshaling Box (set comprising of three units)	set		
268	33 KV 10 KA Lighting Arrestor with surge monitor & GI mounting	set		
269	33 KV 10 KA Lighting Arrestor with surge Counter & GI mounting	set		
270	33 KV LA Line Type	set		
271	33 KV C&R Panel for feeder (with numerical relay & static TVM)	No.		
272	33 KV C&R Panel for Transformerwith differeential relay (with numerical relay & static TVM)	No.		
273	33 KV 1250 A 31.5 KA/3 sec GIS Panels with cable termination kit inclusive & Retion 615 series	Unit		
274	11 KV 1250 A 31.5 KA/3 sec GIS Panels with cable termination kit inclusive & Retion 615 series	Unit		
275	11 KV outdoor VCB with GI sructure & Marshalling box	No.		
276	C & R Panel for 11 KV outdoor VCB	No.		
277	11 KV indoor VCB panel - 5 unit	No.		
278	11 KV indoor VCB panel - 7 unit	No.		
279	11 KV indoor VCB panel - 9 unit	No.		
280	11 KV indoor VCB panel - 11unit	No.		
281	11 KV isolator with earth switch & GI mounting structure	set		
282	11 KV outdoor CT with Marshalling box & GI mounting structure with connector 200-100/5-5A	set		
283	11 KV outdoor CT with Marshalling box & GI mounting structure with connector 600-300	set		
284	11 KV outdoor CT with Marshalling box & GI mounting structure with connector 600-300	set		
285	11 KV outdoor CT with Marshalling box & GI mounting structure with connector 200-100/5-5-2.87	set		
286	100 AH, 100 V Maintenance free Battery Bank	set		
287	11 KV outdoor PT with Marshaling box & GI mounting structure	set		
288	11 KV cable kit for XLPE 1 core 120 sqmm (Indoor)	No.		
289	11 KV cable kit for XLPE 1 core 120 sqmm (outdoor)	No.		
290	11 KV cable kit for XLPE 1 core 185 sqmm (indoor)	No.		
291	11 KV cable kit for XLPE 1 core 185 sqmm (outdoor)	No.		

292	11 KV cable kit for XLPE 1 core 240 sqmm (indoor)	No.		
293	11 KV cable kit for XLPE 1 core 240 sqmm (outdoor)	No.		
294	11 KV cable kit for XLPE 1 core 300 sqmm (indoor)	No.		
295	11 KV cable kit for XLPE 1 core 300 sqmm (outdoor)	No.		
296	11 KV cable kit for XLPE 1 core 400 sqmm (indoor)	No.		
297	11 KV cable kit for XLPE 1 core 400 sqmm (outdoor)	No.		
298	11 KV cable kit for XLPE 1 core 50 sqmm (indoor/outdoor)	No.		
299	11 KV cable kit for XLPE 1 core 630 sqmm (indoor)	No.		
300	11 KV cable kit for XLPE 1 core 630 sqmm (outdoor)	No.		
301	11 KV cable kit for XLPE 1 core 70 sqmm (indoor/outdoor)	No.		
302	11 KV cable kit for XLPE 1 core 120 sqmm (indoor/outdoor)	No.		
303	11 KV cable kit for XLPE 1 core 150 sqmm (indoor/outdoor)	No.		
304	11 KV cable kit for XLPE 3 core 185 sqmm (indoor)	No.		
305	11 KV cable kit for XLPE 3 core 185 sqmm (outdoor)	No.		
306	11 KV cable kit for XLPE 3 core 840 sqmm (indoor)	No.		
307	11 KV cable kit for XLPE 3 core 240 sqmm (outdoor)	No.		
308	11 KV cable kit for XLPE 3 core 300 sqmm (indoor)	No.		
309	11 KV cable kit for XLPE 3 core 300 sqmm (outdoor)	No.		
310	11 KV cable kit for XLPE 3 core 50 sqmm (indoor/outdoor)	No.		
311	11 KV cable kit for XLPE 3 core 70 sqmm (indoor/outdoor)	No.		
312	11 KV cable kit for XLPE 3 core 95 sqmm (indoor/outdoor)	No.		
313	11 KV Disc insulator (Porcelain) 45 kn (B & S Type)	No.		
314	11 KV Disc insulator (Porcelain) 45 kn (T & C Type)	No.		
315	11 KV Disc insulator (Porcelain) 70 kn (B & S Type)	No.		
316	11 KV Disc insulator (Porcelain) 70 kn (T & C Type)	No.		
317	11 Kv DO fuse 150 A	set		
318	11 KV GI Pin	No.		
319	11 KV GOAB switch 400 Amp	set		
320	11 KV GOAB switch 150 Amp	set		
321	11 KV GOAB switch 150 Amp with Horn Gap fuse unit	set		
322	11 KV Guy Insulator (Porcelain)	No.		
323	11 KV Pin Insulator (Porcelain)	No.		
324	11 KV Polymeric Disc Insulator 45 Kn	No.		

325	11 KV Polymeric Disc Insulator 70 Kn	No.		
326	11 KV Polymeric pin Insulator	No.		
327	11 KV Polymeric post Insulator	No.		
328	11 KV post Insulator (Porcelain)	No.		
329	11 Kv XLPE Cable 1 core 185 sqmm (Aluminium)	mtr		
330	11 Kv XLPE Cable 1 core 240 sqmm (Aluminium)	mtr		
331	11 Kv XLPE Cable 1 core 300 sqmm (Aluminium)	mtr		
332	11 Kv XLPE Cable 1 core 50 sqmm (Aluminium)	mtr		
333	11 Kv XLPE Cable 1 core 630 sqmm (Aluminium)	mtr		
334	11 Kv XLPE Cable 1 core 70 sqmm (Aluminium)	mtr		
335	11 Kv XLPE Cable 1 core 120 sqmm (Aluminium)	mtr		
336	11 Kv XLPE Cable 1 core 400 sqmm (Aluminium)	mtr		
337	11 Kv XLPE Cable 3 core 95 sqmm (Aluminium)	mtr		
338	11 Kv XLPE Cable 3 core 240 sqmm (Aluminium)	mtr		
339	11 Kv XLPE Cable 3 core 300 sqmm (Aluminium)	mtr		
340	11 Kv XLPE Cable 3 core 400 sqmm (Aluminium)	mtr		
341	11 Kv XLPE Cable 3 core 95 sqmm (Aluminium)	mtr		
342	11 Kv XLPE Cable 3 core 50 sqmm (Aluminium)	mtr		
343	11 Kv XLPE Cable 3 core 70 sqmm (Aluminium)	mtr		
344	11 Kv XLPE Cable 3 core 120 sqmm (Aluminium)	mtr		
345	11 Kv XLPE Cable 3 core 185 sqmm (Aluminium)	mtr		
346	11 KV XLPE insulated ABC 3C x 120 sqmm + 1C x 95 sqmm (Messenger)	mtr		
347	11 KV XLPE insulated ABC 3C x 150 sqmm + 1C x 120 sqmm (Messenger)	mtr		
348	11 KV XLPE insulated ABC 3C x 95 sqmm + 1C x 70 sqmm (Messenger)	mtr		
349	11 KV XLPE insulated ABC 3C x 50 sqmm + 1C x 35 sqmm (Messenger)	mtr		
350	11 KV CT	No.		
351	11 KV PT	No.		
352	11 KV Auto Reclousure	No.		
353	11 KV Combined CT/PT	No.		
354	11 KV Non Communicable Fault Passage Indicator (Set of Three)	set		
355	11 KV RMU (20 KA, 630 A 3 way extensible)	set		
356	11 KV RMU (20 KA, 630 A 3 way non extensible)	set		
357	11 KV RMU (20 KA, 630 A 4 way extensible)	set		

358	11 KV RMU (20 KA, 630 A 4 way extensible)	set		
359	11 KV Sectionalizer	set		
360	11 KV Sectionalizer having provision of earth switch	set		
361	12 KV 9ka Lighting Arrestor line type	set		
362	12 KV 9 KA (Lightening Arrestor line type)	set		
363	12 KV Cable kit for XLPE 1 core 95 sqmm (indoor/ outdoor)	set		
364	150 AH 110 V Maintenance Free Vattery Bank	set		
365	2" Aluminium Tyube	set		
366	2.5" Aluminium tube	set		
367	24 volt Station Battery	set		
368	30 volt Station Battery	set		
369	33 KV Cable kit for XLPE 1 core 240 sqmm (indoor)	No.		
370	33 KV Cable kit for XLPE 1 core 240 sqmm (outdoor)	No.		
371	33 KV Cable kit for XLPE 1 core 300 sqmm (indoor)	No.		
372	33 KV Cable kit for XLPE 1 core 300 sqmm (outdoor)	No.		
373	33 KV Cable kit for XLPE 1 core 400 sqmm (indoor)	No.		
374	33 KV Cable kit for XLPE 1 core 400 sqmm (outdoor)	No.		
375	33 KV Cable kit for XLPE 1 core 600 sqmm (indoor)	No.		
376	33 KV Cable kit for XLPE 1 core 600 sqmm (outdoor)	No.		
377	33 KV Cable kit for XLPE 3 core 185 sqmm (outdoor push on type)	No.		
378	33 KV Cable kit for XLPE 3 core 240 sqmm (outdoor push on type)	No.		
379	33 KV Cable kit for XLPE 3 core 300 sqmm (outdoor push on type)	No.		
380	33 KV Cable kit for XLPE 3 core 400 sqmm (outdoor push on type)	No.		
381	33 KV Cable kit for XLPE 3 core 630 sqmm (outdoor push on type)	No.		
382	33 KV Combined CT/PT	No.		
383	33 KV DO fuse 150A	set		
384	33 KV GI Pin	No.		
385	33 KV GOAB switch 500 Amp	No.		
386	33 KV pin Insulator (Porcelain)	No.		
387	33 KV Polymer Disc insulator 70 kn	No.		
388	33 KV Polymeric Disc insulator 90 kn	No.		
389	33 KV Polymeric pin insulator	No.		
390	33 KV Polymeric post insulator	No.		

391	33 KV Polymeric post insulator (porcelain)	No.		
392	33 KV RMU (20KA, 630 A 3 way non-extensible)	set		
393	33 KV XLPE insulated ABC 3C x 120 sqmm + 1C x 150 sqmm (Messenger)	Mtr		
394	33 KV XLPE insulated ABC 3C x 185 sqmm + 1C x 240 sqmm (Messenger)	Mtr		
395	33 KV XLPE insulated ABC 3C x 95 sqmm + 1C x 95 sqmm (Messenger)	Mtr		
396	33 KV XLPE cable 1 core 120 sqmm (Aluminium)	Mtr		
397	33 KV XLPE cable 1 core 185 sqmm (Aluminium)	Mtr		
398	33 KV XLPE cable 1 core 240 sqmm (Aluminium)	Mtr		
399	33 KV XLPE cable 1 core 400 sqmm (Aluminium)	Mtr		
400	33 KV XLPE cable 1 core 630 sqmm (Aluminium)	Mtr		
401	33 KV XLPE cable 1 core 300 sqmm (Aluminium)	Mtr		
402	33 KV XLPE cable 3 core 120 sqmm (Aluminium)	Mtr		
403	33 KV XLPE cable 3 core 185 sqmm (Aluminium)	Mtr		
404	33 KV XLPE cable 3 core 240 sqmm (Aluminium)	Mtr		
405	33 KV XLPE cable 3 core 400 sqmm (Aluminium)	Mtr		
406	33 KV XLPE cable 1 core 95 sqmm (Aluminium)	Mtr		
407	33 KV Auto Reclosure	KM		
408	33 KV Guy insulator (Porcelain)	KM		
409	AAA "DOG" Conductor	KM		
410	AAA "Panther" Conductor	KM		
411	AAA "Rabbit" Conductor	KM		
412	AAA "Raccon" Conductor	KM		
413	AAA "Squirrel" Conductor	KM		
414	AAA "Weasel" Conductor	KM		
415	AAA "Wolf" Conductor	KM		
416	ACDB	KM		
417	ACSR "Squirrel" Conductor	KM		
418	ACSR "Weasel" Conductor	KM		
419	ACSR "DOG" Conductor	KM		
420	ACSR "Panther" Conductor	KM		
421	ACSR "Rabbit" Conductor	KM		
422	ACSR "Raccon" Conductor	KM		
423	ACSR "Wolf" Conductor	KM		

424	Aluminium Lugs (Assorted)	DZ		
425	Al. Bimetalic Wire	Kg		
426	Anchore Clamp wedge type LT ABC as per NFC Standard	No.		
427	ASA Distribution box for 140 Am, 1PH, 6 connectors with spring loaded bushar system	No.		
428	ASA Distribution box for 140 Am, 1PH, 10 connectors with spring loaded bushar system	No.		
429	GI Barbed wire type A	Kg		
430	Battery charger for charging 24 volts station battery & Hrs. backup	set		
431	Battery charger for charging 30 volts station battery & Hrs. backup	set		
432	Battery charger suitable for 100 AH 110 Battery bank	set		
433	Battery charger suitable for 150 AH 110 Battery bank	set		
434	Bimetalic Lug	No		
435	Boulder	CM		
436	Buckle for steel strap for DB fixing	No.		
437	cabl and caps for ABC cables	No.		
438	Cable kit for 50 sqmm	No.		
439	cable tie	No.		
440	Cl earth pipe 1.8 m inner dia 100 mm, outer dia 110 mm	No.		
441	Cl spun pipe class 1 A type 300 mm dia 5.5 m length	No.		
442	socket for Cl spun pipe 300 mm dia	No.		
443	Combined 24 volt station battery charger, DCDB with LTAC panel	set		
444	Construction of cable trenches size (950 x 450) mm for control cable including supply of all materials and labour as per specification and drawing	Mtr		
445	Construction of cable trenches size (1260x 650) mm for control cable including supply of all materials and labour as per specification and drawing	Mtr		
446	Construction of fire wall between trasformer as per specification	job		
447	Control cable copper 10 core x 2.5 sqmm	Mtr		
448	Control cable copper 1core x 2.5 sqmm (unarmoured)	Mtr		
449	Control cable copper 2 core x 2.5 sqmm	Mtr		
450	Control cable copper 4core x 2.5 sqmm	Mtr		
451	Control cable copper 7 core x 2.5 sqmm	Mtr		
452	DCDB	set		
453	Disc insulator 45 KN (T&C) porcelain	No.		

454	Disc insulator 70 KN (B&C) porcelain	No.		
455	DTR Cubicle for 25 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
456	DTR Cubicle for 63 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
457	DTR Cubicle for 100 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
458	DTR Cubicle for 250 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
459	DTR Cubicle for 315 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
460	DTR Cubicle for 500 KVA DTRs (comprising of requisite MCCB, Static TVM, CT, V-meter, A-meter etc)	set		
461	DTR Fencing as per REC standard specification complete with material and labour	set		
462	Earth filling with river sand earthwork in filling, levelling, compacting grading etc as per site condition and technical specification	CM		
463	GI channel cross arm (75x40x6x2200)mm	No.		
464	GI 11kv T-cross arm with angle size 50x50x6 mm	No.		
465	GI 33kv V-cross arm with channel size 100x50x6 mm	No.		
466	GI angle (40x40x5)mm	Mtr		
467	GI angle (50x50x6)mm	Mtr		
468	GI Channel cross arm (100x50x6x2200)mm	No.		
469	GI Channel cross arm (100x50x6x2800)mm	No.		
470	GI Channel cross arm (100x50x6x3200)mm	No.		
471	GI Channel cross arm (100x50x6x500)mm	No.		
472	GI Channel (100x50x6)mm	Mtr		
473	GI Channel (150x75x6)mm	No.		
474	GI Channel (75x40x6)mm	Mtr		
475	GI LT Angle cross arm (40x40x6x500)mm	no.		
476	GI Nuts and bolts with GI washer (assorted)	Kg		
477	GI Pipe 50 mm dia 3m length	No.		
478	GI Shackle strap with bolts	No.		
479	GI Steel tubular poles SP-22	No.		
480	GI Steel tubular poles SP-30	No.		

481	GI Steel tubular poles SP-56	No.		
482	GI Steel tubular poles SP-60	No.		
483	GI Steel tubular poles SP-66	No.		
484	GI Steel tubular poles SP-76	No.		
485	GI Steel tubular poles SP-80	No.		
486	GI Strip 25x3mm for DTR earthing	Mtr		
487	GI strip 50x6mm for DTR Neutral earthing	Mtr		
488	GI Top cleat (100x50x6x350)mm for 33KV	no.		
489	GI Stay wire 7/10 SWG	Kg		
490	GI Stay wire 7/14 SWG	Kg		
491	Grouting and muffling of steel pole as per specification	job		
492	Grouting of PSC pole with PCC	no.		
493	HT Danger plate	no.		
494	HT stay set	set		
495	Installation of earthing system with MS flats 50x10mm (for earthing mat) with GI flat riser, 25x6mm (for earthing conductor) and GI pipe 50 mm dia of length 3.00 m for earth electrodes including earth excavation, welding etc as necessary	sqm		
496	Insulated crimping type midspan joint (set containing 5 nos. ferrules as per cable) as per NFC std.	set		
497	Insulated water proof bimetallic lug for transformer connections (set contains 5 nos. lugs as per cable) as per NFC std.	set		
498	Insulating piercing connector IPC EP 95 for street lighting as per NFC std.	No		
499	Insulating piercing connector IPC EP 2X95 for AB to AB T-Connection as per NFC std.	No		
500	Insulating piercing connector IPC EP 2X95 for DB charging as per NFC	No		
501	Jointing sleeve for rabbit conductor	No		
502	Jointing sleeve for raccoon conductor	No		
503	Copper lighting spike for lighting protection	No		
504	LT Air circuit breaker (Microprocessor based) 3 pole, 400 A, 50 Ka	No		
505	LT Air circuit breaker (Thermal magnetic release type) 3 pole, 400 A, 50 Ka	No		
506	LT Air circuit breaker 3 pole 1250A, 50 ka (Microprocessor release electrical draw out type)	No		
507	LT Air circuit breaker 3 pole 1250A, 50 ka (Microprocessor release electrical fixed type)	No		

508	LT Air circuit breaker 3 pole 1250A, 50 ka (Microprocessor release Manual draw out type)	No		
509	LT Air circuit breaker 3 pole 1250A, 50 ka (Microprocessor release manual fixed type)	No		
510	LT Air circuit breaker 3 pole 630A, 50 ka (Microprocessor release electrical draw out type)	No		
511	LT Air circuit breaker 3 pole 630A, 50 ka (Microprocessor release electrical fixed type)	No		
512	LT Air circuit breaker 3 pole 630A, 50 ka (Microprocessor release manual draw out type)	No		
513	LT Air circuit breaker 3 pole 630A, 50 ka (Microprocessor release manual fixed type)	No		
514	LT Air circuit breaker 3 pole 800A, 50 ka (Microprocessor release electrical draw out type)	No		
515	LT Air circuit breaker 3 pole 800A, 50 ka (Microprocessor release electrical fixed type)	No		
516	LT Air circuit breaker 3 pole 800A, 50 ka (Microprocessor release manual draw out type)	No		
517	LT Air circuit breaker 3 pole 800A, 50 ka (Microprocessor release manual fixed type)	No		
518	LT Air circuit breaker 4 pole 1250A, 50 ka (Microprocessor release electrical draw out type)	No		
519	LT Air circuit breaker 4 pole 1250A, 50 ka (Microprocessor release electrical fixed type)	No		
520	LT Air circuit breaker 4 pole 1250A, 50 ka (Microprocessor release manual draw out type)	No		
521	LT Air circuit breaker 4 pole 630A, 50 ka (Microprocessor release electrical draw out type)	No		
522	LT Air circuit breaker 4 pole 630A, 50 ka (Microprocessor release electrical fixed type)	No		
523	LT Air circuit breaker 4 pole 630A, 50 ka (Microprocessor release manual draw out type)	No		
524	LT Air circuit breaker 4 pole 630A, 50 ka (Microprocessor release manual fixed type)	No		
525	LT Air circuit breaker 4 pole 800A, 50 ka (Microprocessor release electrical draw out type)	No		

526	LT Air circuit breaker 4 pole 800A, 50 ka (Microprocessor release electrical fixed type)	No		
527	LT Air circuit breaker 4 pole 800A, 50 ka (Microprocessor release manual draw out type)	No		
528	LT Air circuit breaker 4 pole 800A, 50 ka (Microprocessor release manual fixed type)	No		
529	LT CT 100/5A 0.5 class	No.		
530	LT CT 120/5A 0.5 class	No.		
531	LT CT 200/5A 0.5 class	No.		
532	LT CT 300/5A 0.5 class	No.		
533	LT CT 400/5A 0.5 class	No.		
534	LT CT 50/5	No.		
535	LT CT 75/5	No.		
536	LT CT 800/5A 0.5 class	No.		
537	LT Banger plate	No.		
538	LT GI Pin	No.		
539	LT Guy Insulator (Porcelain)	No.		
540	LT Pin Insulator (Porcelain)	No.		
541	LT Stay set	set		
542	LT XLPE insulated ABC 1c x 35 sqmm +1C x 25 sqmm (Meassenger cum neutral)	mtr		
543	LT XLPE insulated ABC 1c x 50 sqmm +1C x 25 sqmm (Meassenger cum neutral)	mtr		
544	LT XLPE insulated ABC 3c x 120 sqmm +1C x 95 sqmm (Meassenger cum neutral)	mtr		
545	LT XLPE insulated ABC 3c x 120 sqmm +1C x 95 sqmm (Meassenger cum neutral) + 1 x 25 sqmm for street light	mtr		
546	LT XLPE insulated ABC 3c x 50 sqmm +1C x 35 sqmm (Meassenger cum neutral)	mtr		
547	LT XLPE insulated ABC 3c x 70 sqmm +1C x 35 sqmm (Meassenger cum neutral)	mtr		
548	LT XLPE insulated ABC 3c x 95 sqmm +1C x 70 sqmm (Meassenger cum neutral)	mtr		
549	LT XLPE insulated ABC 3c x 95 sqmm +1C x 70 sqmm (Meassenger cum neutral) + 1 x 16 sqmm for street light	mtr		

550	LT XLPE insulated ABC 3c x 95 sqmm +1C x 95 sqmm (Messenger cum neutral)	mtr		
551	LT XLPE 1 core 50 sqmm	mtr		
552	LT XLPE cable 1 core 120 sqmm (Aluminium)	mtr		
553	LT XLPE cable 1 core 35 sqmm (Aluminium)	mtr		
554	LT XLPE cable 1 core 50 sqmm (Aluminium)	mtr		
555	LT XLPE cable 1 core 75 sqmm (Aluminium)	mtr		
556	LT XLPE cable 1 core 95 sqmm (Aluminium)	mtr		
557	LT XLPE cable 1 core 240 sqmm (Aluminium)	mtr		
558	LT XLPE cable 1 core 400 sqmm (Aluminium)	mtr		
559	LT XLPE cable 1 core 500 sqmm (Aluminium)	mtr		
560	LT XLPE cable 1 core 630 sqmm (Aluminium)	mtr		
561	LT XLPE cable 1 core 150 sqmm (Aluminium)	mtr		
562	LT XLPE cable 1 core 185 sqmm (Aluminium)	mtr		
563	LT XLPE cable 1 core 300 sqmm (Aluminium)	mtr		
564	LT XLPE cable 3.5 core 120 sqmm (Aluminium) armoured	mtr		
565	LT XLPE cable 3.5 core 120 sqmm (Aluminium) un armoured	mtr		
566	LT XLPE cable 3.5 core 240 sqmm (Aluminium) armoured	mtr		
567	LT XLPE cable 3.5 core 25 sqmm (Aluminium) armoured	mtr		
568	LT XLPE cable 3.5 core 25 sqmm (Aluminium) un armoured	mtr		
569	LT XLPE cable 3.5 core 400 sqmm (Aluminium) armoured	mtr		
570	LT XLPE cable 3.5 core 50 sqmm (Aluminium) armoured	mtr		
571	LT XLPE cable 3.5 core 50 sqmm (Aluminium) un armoured	mtr		
572	LT XLPE cable 3.5 core 630 sqmm (Aluminium) armoured	mtr		
573	LT XLPE cable 3.5 core 95 sqmm (Aluminium) armoured	mtr		
574	LT XLPE cable 3.5 core 95 sqmm (Aluminium) un armoured	mtr		
575	MCCB 1000 A ICS = 100% ICU	No.		
576	MCCB 100 A ICS = 100% ICU	No.		
577	MCCB 200 A ICS = 100% ICU	No.		
578	MCCB 400 A ICS = 100% ICU	No.		
579	MCCB 630 A ICS = 100% ICU	No.		
580	MCCB 800 A ICS = 100% ICU	No.		
581	Metering cabinet	No.		
582	MS 11 KV T Cross Arm with angle size 50 X 50 X 6mm	No.		

583	MS 33 KV v Cross Arm with channel size 100 X 50 X 6mm	No.		
584	MS Angle (50 X 50 X 6) mm	No.		
585	MS Angle (50 X 50 X 5000) mm	No.		
586	MS Angle Cross Arm (100X50X6X2200)mm	No.		
587	MS Channel Cross Arm (100X50X6X2800)mm	No.		
588	MS Channel Cross Arm (100X50X6X3200)mm	No.		
589	MS Channel Cross Arm (100X50X6X5000)mm	No.		
590	MS Channel Cross Arm (75X50X6X2200)mm	No.		
591	MS Channel (100X50X6)mm	mtr		
592	MS Channel (75X40X6)mm	mtr		
593	MS LT Angle cross Arm (40 X 40 X 5X 500)mm	No.		
594	MS Nutl & Bolts with MS Washer (Assorted)	Kg		
595	MS Steel Tubular pole SP- 22	No.		
596	MS Steel Tubular pole SP- 30	No.		
597	MS Steel Tubular pole SP- 60	No.		
598	MS Steel Tubular pole SP- 66	No.		
599	MS Steel Tubular pole SP- 76	No.		
600	MS Steel Tubular pole SP- 80	No.		
601	MS Top clamp (100X50X6X350)mm	No.		
602	PCC Foundation (1:2:4) for 33 KV CT or PT or LA	No.		
603	PG clamp for AAAC panther	No.		
604	PG clamp for AAAC Raccon	No.		
605	PG clamp for AAAC Weasel	No.		
606	PG clamp for AAAC Wolf	No.		
607	Pole clamp of GI Flat 50X6 mm	No.		
608	Pole clamp of MS Flat 50X6 mm	No.		
609	PSC pole 7.5 m	No.		
610	PSC pole 8.5 m	No.		
611	PSC pole 9.75 m	No.		
612	PVC 4" supreme brand	No.		
613	PVC 4" supreme brand pipe 4kg pressure	mtr		
614	PVC 4" supreme brand pipe 6kg pressure	mtr		
615	PVC cable 10 sqmm A1	mtr		

616	PVC cable 1-core 2.5 sqmm copper	mtr		
617	PVC cable 2-core 2.5 sqmm alluminium	mtr		
618	PVC cable 2-core 2.5 sqmm copper	mtr		
619	PVC cable 2-core 25 sqmm alluminium	mtr		
620	PVC cable 2-core 35 sqmm alluminium	mtr		
621	PVC cable 2-core 50 sqmm alluminium	mtr		
622	PVC cable 2-core 95 sqmm alluminium	mtr		
623	Rail pole 10 mtr approx	No.		
624	RCC foundation for isolator (set)	set		
625	RCC foundation for RMU	each		
626	RCC foundation for VCB	each		
627	Roof top solar panel with net metering	Kwe		
628	RS joint pole (10 mtr) 175X85 mm	No.		
629	Shackle insulator porcelain	No.		
630	Steel strap for installing DB size 20 mm X 1m long	Mtr		
631	Suspension clamp ABC as per NFC standard	No.		
632	Suspension clamp for AAAC Raccon	No.		
633	Suspension clamp for AAAC Wolf	Set		
634	Switch yard chain link security fencing including of all materials complete with RCC footings beams brick walls etc. as per specifcation. The rate is inclusivhe of all materials and labour	RM		
635	Switch yard gravelling of 0.15 mtr. (thickness) by 40 mm size crushed stone	sqm		
636	Switch yard lighting (complete with 6 nos. of 40 w LED bulb with structure and accessories)	LS		
637	Tension clamp for AAAC Raccon	No.		
638	Tension clamp for AAAC Wolf	No.		
639	three phase whole current energy meter (secure make)	No.		
640	Transformer pad for station transformer complete as per specification	No.		
641	Transformer pad 50 MVA complete as per specification	job		
642	Transformer pad 2.5 MVA complete as per specification	job		
643	Transformer pad 5 MVA complete as per specification	job		
Switchgear items				
644	6 Amps SinglePole-MCB (Schneider, Legrand, hager, havells)	each		
645	6 Amps SinglePole-MCB with Box (Schneider, Legrand, hager, havells)	each		

646	20 Amps MCB Box (Schneider, Legrand, hager, havells)	each		
647	40 Amps 4 Pole Isolator (Schneider, Legrand, hager, havells)	each		
648	63 Amps 4 Pole Isolator (Schneider, Legrand, hager, havells)	each		
649	100 Amps 4 Pole Isolator (Schneider, Legrand, hager, havells)	each		
650	40 Amps DP Isolator (Schneider, Legrand, hager, havells)	each		
651	63 Amps DP Isolator (Schneider, Legrand, hager, havells)	each		
652	100 Amps DP Isolator (Schneider, Legrand, hager, havells)	each		
653	63 Amps 4 Pole RCCB (Schneider, Legrand, hager, havells)	each		
654	40 Amps 4 Pole RCCB (Schneider, Legrand, hager, havells)	each		
655	40 Amps DP RCCB (Schneider, Legrand, hager, havells)	each		
656	40 Amps 4 Pole MCCB (Schneider, Legrand, hager, havells)	each		
657	63 Amps 4 Pole MCCB (Schneider, Legrand, hager, havells)	each		
658	100 Amps 4 Pole MCCB (Schneider, Legrand, hager, havells)	each		
659	200 Amps 4 Pole MCCB (Schneider, Legrand, hager, havells)	each		
Miscellaneous				
660	Welding Rod	each		
661	IP 20 LED strip (24 W 5 meter Roll)	R/M		
662	IP 65 W LED strip (72 W 5 meter Roll)	R/M		
663	IP 65 W LED strip (72 W meter driver)	R/M		
664	LED tuni light 5 Meter	each		
665	LED Tuni Light 10 Meter	each		
666	Bamboo	each		
667	Bamboo Ladder	each		
668	Aluminium Ladder (6 feet)	each		
669	Telescopic Expandable ladder	each		
670	415 V, 100 Amp, IP-65 Electrical copper bus-bar distribution box	each		
671	415 V, 200 Amp, IP-65 Electrical copper bus-bar distribution box	each		
672	415 V, 300 Amp, IP-65 Electrical copper bus-bar distribution box	each		
673	415 V, 500 Amp, IP-65 Electrical copper bus-bar distribution box	each		

674	Supplying including installation, commissioning of vermin and dust proof totally enclosed, Phosphatised Powder Painted cubical outdoor type double door, floor mounting compartmentalize panel board of size 1.0M X0.8MX 0.40M made of 16 SWG (1.66 mm thick) C.R. sheet and 35mm X 35mm X 5mm size angle having 4 no legs at the bottom and C.R. sheet roofing on the top. The panel board is to be erected in 1:3:6 PCC foundation including excavation of trench and brick soling etc. complete neatly wiring done with provision for one no 630/800 A 4pole MCCB or Switch Fuse Unit as incomer and out going as specified and directed by the deptt. confirming to IP 65 protection comprising of the following electrical items: 1. 50mm X 10mm (4X2) strip copper Bus-Bar 0.20M length each 2. Digital 3 Phase Voltmeter Accuracy class 0.5 -1 no 3. Digital 3 Phase Ammeter Accuracy class 0.5 - 1 no 4. Pilot Lamp with integral ckt LED 110- 230 V (Red, Yellow, & Blue) - 3 nos 5. Voltmeter & Ammeter Selector Switch -2 nos 6. 2 A Slide fuse unit - 3nos (Incoming & Outgoing Switch Gear of reqd. rating will be measured and paid separately)	each		
675	11 mtr-15 mtr. Long octagonal street light pole cutting, lowering of hight, re-installation and termination using required tools and plants	Job per pole		
676	4 way PVC modular boxes, (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
677	6way PVC modular boxes, (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
678	8way PVC modular boxes, (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
679	12 way PVC modular boxes, (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
680	PVC modular Blank Plate, (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
681	6 Amps modular Switch (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
682	6 Amps modular Socket (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
683	16 Amps modular Switch (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
684	16 Amps modular Socket (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
685	6 Amps modular Bell push (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
686	Calling Bell (Havels, Bajaj, Cromton Greaves HPL , Philips)	each		
Electrical Safety Equipments				
687	Reflective / Fluorescent Jacket	each		
688	Safety Helmet for Worker & Engineer	each		
689	Safety Leather Boots	set		
690	Medium duty, High powered LED torch light (Philips / Eveready / Wipro / Havells)	each		
691	Insulating gloves	set		
692	Welding Goggles	each		

693	Hook Stick	each		
Measuring devices				
694	0-1000M Ohm Insulation resistance Megger device kit with necessary specifications for insulation resistance measurement of Transformers, Induction motors and other electrical machines	each		
695	Digital Multimeter V(AC & DC)/A/Ohm/Continuity with measuring probe	each		
696	240V Single phase drilling machine with accessories	set		
697	Drill Bit of required size	each		
Hiring Charges of Equipments				
698	Hire charge of Hydra Crane along with attached bucket and driver/operator	each per day		
699	Hire charge of 100 KVA Diesel Generator unit with operator	each per day		
700	Hire charge of 125 KVA Diesel Generator unit with operator	each per day		
701	Hire charge of 150 KVA Diesel Generator unit with operator	each per day		
702	Hire charge of 200 KVA Diesel Generator unit with operator	each per day		
703	Hire charge mechanised ladder vehicle accessible upto a height of 15 m	each per day		
704	Hire Charge of 200 Watts LED Flood Light Luminaries.	each per day		
705	Hire Charge of Ceiling Fan	each per day		
706	Hire Charge of Plug Point.	each per day		
707	Hire Charge of Main Line Service.	each per day		
	a) 4 x 50.00 Sq.mm.			
	Hire Charge of Sub - Main Line Service.	each per day		
	a) 2 x 10.00 Sq.mm P.V.C. Wire.			
b) 4.00 Sq.mm and 2.5.00 Sq.mm P.V.C. Wire.				
708	Hire Charge of Panel Board with Change - Over Switch	each per day		
709	Hire Charge of DI Pick up Van with Driver and 5 Ltr. POL	each per day		
710	Hire Charge of Hydra with Driver and 10 Ltr. POL	each per day		
	A) Name and Sign of Bidder:			
	B) Address of the Bidder:			
	C) Pan No.:			
	D) GST No.:			

