North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences  
(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)  
Director’s Block, Mawdiangdiang, Shillong - 793018 (Meghalaya)  
Website: www.neigrihms.gov.in  
Tender No: NEIGR/ENGG/02/2020  

e-TENDER/BID DOCUMENT

Online e-tenders are invited from reputed Manufacturers/Suppliers/Bidders/Contractors for the work “Electrical Work in Children’s Park at NEIGRIHMS, Shillong”

<table>
<thead>
<tr>
<th>Bid Document Downloading Start Date</th>
<th>14:00 hours of 04.06.2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last Date and Time for Submission of Bid Document Online:</td>
<td>14:00 hours of 19.06.2020</td>
</tr>
<tr>
<td>Last Date and Time of Receipt of Earnest Money Deposit(hard copies):</td>
<td>14:00 hours of 19.06.2020</td>
</tr>
<tr>
<td>Date and Time of Opening of Techno-Commercial Bids:</td>
<td>14:30 hours of 19.06.2020</td>
</tr>
<tr>
<td>Estimated Cost</td>
<td>₹ 4,56,571/-</td>
</tr>
<tr>
<td>Earnest Money Deposit</td>
<td>₹ 9,130/-</td>
</tr>
</tbody>
</table>

Bidders/Tenderers can download the tender/bid document from Central Public Procurement Portal website at www.eprocure.gov.in
Bidders/Tenderers are required to submit their bid only by online mode after uploading all the relevant documents through www.eprocure.gov.in

Tender document can also be downloaded from the Institute’s website at www.neigrihms.gov.in
For further details regarding amendment/addendum/extension please visit website: www.eprocure.gov.in and www.neigrihms.gov.in

The due date for submission of bids online and opening of bids online will be the following working day at the appointed time in the event of the said date(s) being declared as a closed holiday for Institute’s office.
To,
The Deputy Director,
NORTH EASTERN INDIRA GANDHI REGIONAL
INSTITUTE OF HEALTH AND MEDICAL SCIENCES,
SHILLONG.

SUB: TENDER FOR THE WORK: - “Electrical Work in Children’s Park at NEIGRIHMS, Shillong”

Sir,
I/We would like to submit my tender for the above mentioned work after going through the
details of the tender. I/We agree to all the terms and conditioned specified under this tender and
I shall abide by those terms and conditions. I/We have furnished all relevant/requisite
documents for this tender.

Yours faithfully,

Signature of Bidder ______________________
Date ______________________
Name of Bidder (In Block Letters)
Shri/Smti ______________________
Full Postal Address
_________________________________
_________________________________
_________________________________
_________________________________
_________________________________
Email: ______________________

Contact No: ______________________

BANK DETAILS:
NAME OF BANK: ______________________
BANK ACCOUNT No.: ______________________
BANK ACCOUNT TYPE (SB/CA): ______________________
NAME OF ACCOUNT HOLDER: ______________________
IFSC CODE (Must be in 11 Alphanumeric Character): ______________________
DETAILED TENDER NOTICE

On behalf of the Director, NEIGRIHMS, Shillong, online tenders in two bid systems are invited from reputed Manufacturers/Suppliers/Bidders for the following work:

Name of work: “Electrical Work in Children’s Park at NEIGRIHMS, Shillong”

GENERAL CONDITIONS OF CONTRACT (GCC):

1. Bidders/Tenderers/Manufacturers/Suppliers/Firms/Companies would be required to register on the Central Public Procurement Portal (hereafter CPP) at www.eprocure.gov.in, using a valid Digital Signature Certificate (hereafter DSC) and valid email address to be able to participate in the bidding process. On registration with the Portal, they will be provided with a user id and password by the system through which they can submit their bids online. Those who have already registered on e-portal or have participated earlier in any of the tender published through www.eprocure.gov.in can proceed directly to participate in the bid.

2. DSC may be obtained from any authorized agencies registered with the Certifying Authority (CA), through National Informatics Centre (NIC) in India.

3. Bidders/Tenderers can download the bid documents from Central Public Procurement Portal website at www.eprocure.gov.in. Bidders/Tenderers are required to submit the bid online only by scanning and uploading all the relevant documents through www.eprocure.gov.in and filling the specified places/blank spaces of “Financial Bid”.

4. Only Indian National and Companies of Indian Origin can participate in this tender.

5. This tender is of Two-bid system wherein “Techno-commercial Bid” is meant for assessment of Bidders for commercial and Techno-commercial competence and/or responsiveness and “Financial Bid” is meant for quoting the rate for the items under this tender by the Bidders.

6. Tender document can also be downloaded from the Institute’s website at www.neigrihms.gov.in. But both bids (Techno-commercial bid as well as Financial Bid) are to be submitted online only strictly through www.eprocure.gov.in. If tender document is downloaded from Institute’s Website then Financial Bid should be treated for reference only which is to be filled-in compulsorily through online mode only).

7. For further details regarding Amendment/Addendum/Extension please visit website: www.eprocure.gov.in and www.neigrihms.gov.in

8. Earnest Money Deposit (hereafter EMD) will be in the form of Call deposit or Fixed deposit or Banker’s Cheque or Demand draft of any Scheduled Bank in favour of “Deputy Director, NEIGRIHMS, Shillong”. Call deposit or Fixed deposit or Banker’s Cheque or Demand draft has to be made for the amount equal to EMD.

9. EMD shall have to be scanned and submitted online, along with the Techno-commercial bid, within the period of tender online submission date and time.

10. Colour Scanned copy of set of signed and stamped tender documents have to be uploaded including scanned copy of EMD. But EMD in the form of Call deposit or Fixed deposit or Banker’s Cheque or Demand draft of any Scheduled Bank shall have to be submitted in hard copy as well as soft copy uploading. EMD should be sent to Electrical Engineering Section, Director’s Block, Mawdiangdiang, NEIGRIHMS, Shillong-793018, (Meghalaya) by post or to be dropped in the tender box kept in the Engineering Section, Director’s Block, NEIGRIHMS so as to reach/dropped NEIGRIHMS before or on the last date and time of bid submission timeline. The Envelope should be earmarked as “Techno-commercial Bid” and should
clearly indicate the Tender Number, Name of work, details of the Bidder (i.e. Name, Address, Email and Contact Number). However, bidder may also send original bid documents (set of hard copies) alongwith EMD. But in no case, Bidders shall send financial bid by post to/dropped at NEIGRIHMS while sending “Techno-commercial Bid”. It is reiterated that “Financial Bid” is to be filled-in through CPP Portal only.

11. At the time of refund of EMD amount to unsuccessful Bidders (Techno-commercially not qualified), no interest will be paid if the EMD amount is paid by bidder in Demand Draft or Banker’s cheque.

12. EMD Amount may also be refunded through NEFT/RTGS payment for which Bidders shall have to furnish bank details and Email.

13. Correspondences may also be sent through Email to the successful bidder(s) and that has to be valid mode of communication under this tender.

14. The Techno-commercial bids will be opened online by the Tender Committee duly constituted for the purpose at the time and date as specified in the tender document.

15. All statements, documents, certificates, proof of EMD/Undertaking etc. (being part of “Techno-commercial Bid” uploaded by the Bidders will be downloaded and verified for Techno-commercial evaluation and the result of Techno-commercial bid evaluation will be displayed at a later date on www.eprocure.gov.in which can be seen by all Bidders who participated in the tender. Techno-commercially qualified Bidders may also be informed by Email or by post or by any other modes.

16. The Bidders should download the BoQ.xls from CPP Portal and fill in the blank spaces provided for mentioning the name of bidder and rates. Bidders need not modify any other text or background shown in the BOQ template or replace it with any other copy of same BOQ in.xls format. NEIGRIHMS/CPP Portal (www.eprocure.gov.in) will accept the BOQ template only and hence the rate should not be quoted in any other place except designated/specified blank spaces in BOQ template.

17. The Financial Bid [i.e. Bill of Quantity (BOQ)] of only Techno-commercially qualified Bidders [i.e. Bidders who are found Techno-commercially responsive with commercial and Techno-commercial competence]. The Financial Bid will be opened online by a Committee of Members and the result will be displayed on the www.eprocure.gov.in which can be seen by all Techno-commercially qualified Bidders who participated in the tender.

18. Tenderers have to quote their rates both in figure and in words.

19. The Bidder shall not sub-let or sub-contract the work to sub-Bidders or to any single sub-Bidder. An undertaking by the Bidder shall have to be submitted to this effect in the enclosed prescribed format (Format -“A”).

20. Bidder should be an Electrical Registered Contrator with State Government/Central Government/MeECL/CPWD/PSUs/Electricity Boards or should have work contract experience with any Central Government Department /State Government Department/Companies of repute.

21. Bidder should submit attested copies of Valid Electrical Supplier Registration Certificate or valid Trading Licence or equivalent certificate.

22. The Bidder should have the experience of having successfully completed similar works during the last 7 (seven) years. Similar works here is meant as “Experience in execution of electrical works”. Bidders/Firms are to submit experience certificate/documents of similar works only. Details of work experience shall have to be submitted by bidder in the enclosed prescribed format (Format -“B”).

23. Bidders have executed similar works in any of the Central Govt. Department/State Govt. Department/Companies of repute. Bidders should have experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited should be either of the following:-
24. Tenderers are required mandatorily to submit copies of Sales Tax/GST registration & PAN card.

25. All applicable taxes will be deducted at the source.

26. Bidder should have sound financial condition to execute the work successfully and they shall have to produce financial statements/statement of accounts duly audited for the previous last 3 years as prescribed in "Format-C" with minimum annual financial turnover. **Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost.** To support their furnished financial statement in "Format-C", Bidders shall have to enclose Income Tax Returns or Statement of Accounts duly audited by a Registered Chartered Accountant for the previous last 3 years.

27. The Bidders shall be deemed to have inspected and examined the site of work in relation to supply of electrical items, its surroundings before submitting the tenders.

28. Bidder have to complete the supply of entire items as per this tender within 60 days of receipt of supply order.

29. The Defect Liability Period (hereafter DLP) will be one year and will be reckoned from the date of completion of supply of electrical items and issuing of a certificate to this effect or as decided by the Institute. The bidder shall have to attend complaints related to non-working of items supplied under this tender during the said DLP of one year. Bidders shall have to furnish details of contact person(s), his/her/their contact number(s), postal address, email id for communication of such complaint(s) by Institute's officials. Any complaint related to non-working of items supplied under this tender shall be treated as valid mode if the same is sent through social media, Email, SMS or through telephonic discussion by Institute's officials to such contact person(s) as designated by the bidder. At first, Bidder shall have to acknowledge the complaint and attend the same within 24-48 hours from the time of lodging of complaint by Institute's officials.

30. After attending and rectifying complaint(s), Bidders shall have to submit the service report/service visit/maintenance report section duly signed by Institute’s official(s) to electrical section/concerned officials as decided by NEIGRIHMS.

31. All products (supplied by the bidder under this tender) shall carry a warranty period for at least 1 (One) year after DLP. Copies of warranty cards be submitted to NEIGRIHMS in availing additional/extended warranty/guarantee on such products directly from the OEM after defect liability period.

32. In case of wilful default by bidder for attending complaint(s) and unsatisfactory performance of bidder related to maintenance/servicing/repairing of items under this tender during defect liability period will result in forfeiture of EMD as well as performance security as decided by NEIGRIHMS and shall be binding on the Bidder. It will also lead to disqualify the bidder for participation in the future tenders published by NEIGRIHMS or even Institute may proceed to blacklist bidder for any business relationship in future with NEIGRIHMS.

33. The Tenderers are required to furnish an undertaking on a non-judicial stamp paper or company's letterhead that there is no police/vigilance/CBI case pending against them (Format-“D”). If at any stage it is detected by NEIGRIHMS or brought into the notice of the Institute that Bidders have concealed information about police/vigilance/CBI case, then
Bidders will be disqualified for participation in the future tenders published by NEIGRIHMS and/or Bidders will be blacklisted for any business relationship in future with NEIGRIHMS.

34. The Institute reserves the right to accept or reject any or all tenders without assigning any reasons thereof.

35. All disputes shall be within the jurisdiction of Courts at Shillong.

36. Any delay in completion of the supply of items beyond the stipulated date due to reasons attributable to the Bidder may eventually lead to cancellation of letter of award for which the Bidder is not entitled to any compensation. The cancellation of letter of award would lead to forfeiture of performance security as well as EMD.

37. If the Bidder fails to complete the execution of the supply of items (except due to unavoidable and/or unforeseen circumstances and/or due to some bonafide reasons acceptable to NEIGRIHMS) as specified in the supply order and/or beyond extension period (if extension of time is granted by NEIGRIHMS), the Bidder shall be bound to pay a liquidated damages (hereafter LD) as a sum of 0.5% per week of delay for such default subject to a maximum of 10% (i.e. 20 weeks after scheduled date of completion of work/allowed extension period) of the contract price. LD can be deducted from the final bill of the bidder. If bidder fails to complete the work of supply of items even after 20 weeks from scheduled date of completion of supply of items/allowed extension period, then EMD and Performance Security amount will be forfeited without any further consideration on the bidder’s request. NEIGRIHMS reserves the right to not to entertain any claim for pro rata and/or part payment of partly completed supplied items which will be at the sole risk and responsibilities of the bidder.

38. The Bidder shall not be permitted to take back the items supplied by Bidder if he/she/they fail(s) to complete the execution of work (in totality) under this tender. No request will be entertained in this regard.

39. If at any stage it will be found that any of the bidder(s) [participated in this tender] has/have furnished false/forged documents or adopted any fraudulent methods to get this tender then the said bidder(s) will be disqualified for participation in the future tenders published by NEIGRIHMS or Bidders will be blacklisted for any business relationship in future with NEIGRIHMS.

40. No advance payment will be given to the contractor for mobilising material and/or manpower for supply of material in this tender. However, in case of advance payment is asked by the bidder then bank guarantee (of amount equal to work order total cost) shall have to be given by the bidder.

41. All electrical items to be supplied under this tender must have quality products bearing ISI mark. Bidders should note that they have to quote only those electrical items which bears ISI mark. If it is found that the electrical items supplied are of not good quality and/or without bearing ISI mark then the tender will be cancelled at any stage without assigning any reason thereof and/or without making any pro-rata or part payment to Bidders.
RATES:

a) The Tenderer are required to quote BASE RATES as mentioned in price offer. All base rates will be treated as firm for entire period of the contract arrangement and extension if opted by the NEIGRIHMS. No enhancement in rates will be allowed for any reason whatsoever, during the contract period /extension period, if opted.

b) Rates quoted should be for FREE DELIVERY of material at NEIGRIHMS, Shillong “All Inclusive Basis”. Base Rates should include handling charges, delivery charges & other incidental charges (if applicable). However, Tenderer is required to quote Taxes, as applicable, separately.

c) Bidders are requested to indicate their best rates together with maximum discount in the very first instance since further negotiations after opening price offers is entirely at the discretion of the authorities and may or may not take place.

d) Bidders are advised to exercise greatest care in entering the rates. No excuse that mistakes have been made or requests for rates to be corrected will be entertained after the quotations are opened. All corrections, if any, should be initialled by the person signing the tender form before submission, failing which the rates for such items may not be considered.

RISK PURCHASE CLAUSE:

If at any time during the currency of the contract it is observed by the institute that,

(a) Supplies/services are not provided in time or short supplies have not been effected, and/or) (b) the bidders services are found unsatisfactory, and/or) (c) supplies do not conform to the quality/specifications indicated in the contract/ Order, and/or) (d) the quality/ utility of the items supplied is found to deteriorate abnormally,

Then in that event the institute will be at liberty to obtain the services covered under this contract from alternative source(s) at tenderer (s)’s risk and cost including invoking/ resorting to apply any other Clause of this tender Document.

Grounds for initiation of Banning Business Dealings or Blacklisting of Bidders:

(The situations given below are only illustrative and not exhaustive. The Competent Authority may decide to discontinue business dealings for any valid and sufficient reason).

1. If considerations of security, sovereignty or friendly relations of the state with other countries or reasons of trade or commercial confidence of NEIGRIHMS so warrant.
2. If any persons by whatever designation / name holding control of the entity or having substantial influence in the affairs of the entity is convicted by a Court of Law for offences involving moral turpitude, during the last five years.
3. If there is strong reason to believe that the Directors, Proprietors, Partners, Managers of the Entity have been guilty of malpractices such as bribery, corruption, fraud, misrepresentation of facts, interpolations or other unfair / unethical practices.

4. If the Entity continuously refuses to return / refund the dues of institute without showing adequate reason and this is not due to any reasonable dispute which would attract proceedings in arbitration or Court of Law.

5. If business dealings with the Entity have been banned by the Govt. or any other Central Public sector enterprise, then, such banning can also be extended for the same period as banned by the concerned Govt.

6. If any recommendation is received from Vigilance Division to ban business dealings with the Entity.

7. If the Entity has resorted to corrupt, fraudulent practices, coercion, undue influence and other violations including misrepresentation of facts.

8. If the Entity uses intimidation / threats or brings undue outside pressure on the institute or its officials in acceptance / performance of the job under the contract.

9. If the Entity indulges in repeated and / or deliberate use of delay tactics in complying with contractual stipulations;

10. Established Litigant nature of the Entity to derive undue benefit;

11. If the entity misuses the premises or facilities of the institute forcefully occupies tampers or damages the institute’s property including the land, water resources, forest trees etc.

12. If the Entity employs a public servant dismissed / removed or employs a person convicted for an offence involving corruption or abetment of such offence.
Check List of documents to be submitted along with the tender:

**Envelope I (TECHNO-COMMERCIAL BID)**

1. Earnest Money Deposit.  
2. Undertaking not to sub-let the work.  
   ("Format-A" as prescribed in this tender)  
3. PAN Card  
4. GST Registration certificate.  
5. Documentary proof of Supply orders.  
   ("Format-B" as prescribed in this tender)  
6. Average Annual financial turnover ("Format-C" as prescribed in this tender) during the last three years including furnishing copies of Audited Account Statements from Chartered Accountant or Income Tax Returns  
7. Undertaking for no Police/Vigilance/CBI case pending  
   ("Format-D" as prescribed in this tender)

I/We have furnished all relevant/requisite documents for this tender.

Signature of Bidder ________________________________  

__________________________________________________  

Name of Bidder (In Block Letters)

Date ________________________________
TECHNO-COMMERCIAL BID

FORMAT – “A”

FORM OF UNDERTAKING FOR NOT SUB-LETTING THE WORK

To,

The Deputy Director,
NEIGRIHMS, Shillong.

Sub: Tender for “Electrical Work in Children’s Park at NEIGRIHMS, Shillong”

Sir,

With reference to the above I/We hereby give undertaking that I/We shall not sublet the work cited above if the work is allotted to me/us.

Yours faithfully,

Signature:

Name of the Bidder:

Seal:
## TECHNOCOMMERCIAL BID

### “FORMAT – B”

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of work completed for supply of electrical items or execution of electrical works</th>
<th>Name of Central/State Govt. offices/Companies of repute in which supply or work(s) was/were executed</th>
<th>Supply Order Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
1. Supporting documents have to be scanned and uploaded for the above claims.
2. More rows can be added with production of supporting documents.

**Signature of Bidder:**

**Seal:**
**TECHNO-COMMERCIAL BID**

**“FORMAT – C”**

**FINANCIAL STATEMENT**

<table>
<thead>
<tr>
<th>SL. NO.</th>
<th>FINANCIAL YEAR</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>2016–2017</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>2017–2018</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>2018–2019</td>
<td></td>
</tr>
</tbody>
</table>

*Financial Statement is Annual Turn-over of Bidder/Company*

______________________________
Signature of Bidder

Seal:
TECHNO-COMMERCIAL BID

“FORMAT – D”

UNDERTAKING

I, Shri/Smt. ________________________________, son/daughter of ________________________________

________________________________________

age ________________________________

residing at ________________________________

________________________________________

do hereby solemnly affirm and declare as follows:-

1. That I am a bonafide citizen of India and a permanent resident of the above – mentioned address.

2. That I am a registered Bidder.

3. That there is no police/vigilance/CBI case pending against me/my/our firm.

4. That I/We have not been blacklisted in the past by any Government or Private Organization.

5. That the instant undertaking is hereby furnished for the purpose of giving a declaration of the aforesaid facts and for all other purposes and intents.

6. That the statements made herein above are true to the best of my knowledge, belief and information.

Signature of Bidder

Seal:
FINANCIAL BID
(Note: This Financial Bid is indicative only, Bidders shall have to quote rates in Financial Bid (online only) in the specified blank places of BOQ Template)

Name of work: “Electrical Work in Children’s Park at NEIGRIHMS, Shillong”

<table>
<thead>
<tr>
<th>Sl. No</th>
<th>Item</th>
<th>Total QTY.</th>
<th>Unit</th>
<th>Basic Rate including Tax, Freight, insurance etc. (in Rs. P.)</th>
<th>Total Amount (in Rs. P.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Supply, Installation, Testing and Commissioning (SITC) of 1.1KV Outdoor type Street Light Incomer Panel with locking arrangement made 14 SWG CRCA sheet, powder coated with IP65 protection and provision of input 10sqmm cable, output 10sqmm cable connection (to accommodate contactor, timer, TPN 415VAC MCB Isolator, and TPN 4Way MCBDB) including supporting foundation work, suitable mounting support, material and labour charges. Drawing has to be approved in consultation with concerned section. (With provision of earthing.)</td>
<td>1</td>
<td>nos.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>1.2</td>
<td>Supplying fitting and fixing of Single Opening Metal Enclosure TPN 4 Way (for housing 1 TPN 415V AC Isolator + 12 SP MCB) MCB Distribution Board 230V AC to be fitted in incomer Panel.</td>
<td>1</td>
<td>nos.</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>1.3</td>
<td>Supply, Installation, Testing and Commissioning (SITC) of TPN 415V AC MCB Isolator 32A Rating.</td>
<td>2</td>
<td>nos.</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>1.4</td>
<td>Supply, Installation, Testing and Commissioning (SITC) of 10 Amps SP 240V AC MCB</td>
<td>35</td>
<td>nos.</td>
<td>35</td>
<td>35</td>
</tr>
<tr>
<td>1.5</td>
<td>Supply, Installation, Testing and Commissioning (SITC) Street Light Timer/Timer Switch Input 230V AC and contact 16A, 230V AC with 24 hour dial and provision for manual and auto selection, manual setting of time dial, surface mounting type to be fitted on DIN Rail in Incomer Panel.</td>
<td>3</td>
<td>nos.</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>1.6</td>
<td>Supply, Installation, Testing and Commissioning (SITC) of Automatic Modular Contactors of 63Amps with manual override to be fixed on DIN Rail to be fitted on DIN Rail in incomer Panel and coil rating 240/415 V AC.</td>
<td>2</td>
<td>nos.</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
|   | Description                                                                                                                                                                                                                           | Quantity | Unit  
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------
| 1.7 | Supply, Installation, Testing and Commissioning (SITC) of 1.1kv 10sqmm 4 core UG Electrical XLPE Cable as per IS:7908 with GI Gland of suitable sizes and lugs etc. as required.                                                              | 380      | P mtr |
| 1.8 | Supply, Installation, Testing and Commissioning (SITC) of Thermoplastic Junction Box (Dimension 195mm x 150mm x 95mm) or any suitable dimensions with IP65 protection with lock provisions to connect double entry of 10sqmm UG cable and to accommodate 6Amps SP MCB and TPN terminal connector. | 15       | nos.  |
| 1.9 | Supply, Installation, Testing and Commissioning SITC of 4-way Terminal Link Connector suitable for termination of 10sqmm cable.                                                                                                           | 15       | nos.  |
| 1.10| Supply, Installation, Testing and Commissioning (SITC) of 2x1.5sqmm PVC insulated Multi-strand Copper Wire for connection from Junction box terminals to Street LED Light Fittings at pole-top in the pipe or in PVC conduit wiring.                                | 100      | P mtr |
| 1.11| Supply, Installation, Testing and Commissioning (SITC) of LED Street Light Fittings of rating 60W, 240V AC in aluminium pressure die cast housing with toughened glass cover (IP65). Only Havells, Bajaj, Syska, Jaguar, Crompton Greaves accepted (HAVLOCK will not be accepted) and sample of product needs to be approved by concerned section. | 20       | nos.  |
| 1.12| Supply, Installation, Testing and Commissioning (SITC) of GI Pipe Street Light Poles with necessary reputed brand of diameter 7cm and height 5.2cm with GI pipe double arm with cap type bolting arrangements (arm length 0.4 - 0.5m and diameter depending on the light fitting) at the top of the main pole along with all accessories (bolts & nuts, clamps, washer etc.) including 2-coat aluminium painting (complete set). Drawing has to be approved in consultation with concerned section. | 7        | nos.  |
| 1.13| Supply, Installation, Testing and Commissioning (SITC) of GI Pipe Street Light Poles with necessary reputed brand of diameter 7cm and height 5.2cm with GI pipe single arm with cap type bolting arrangements ( arm length 0.4 - 0.5m and diameter depending on the light fitting) at the top of the main pole along with all accessories (bolts & nuts, clamps, washer etc.) including 2-coat aluminium painting (complete set). Drawing has to be approved in consultation with concerned section. | 6        | nos.  |
| 1.14| Supply, Installation, Testing and Commissioning (SITC) of 8-SWG GI wire with necessary clamping/bolting as required in interconnecting arrangement for providing necessary earthing for individual poles from Junction Box to earth. | 230      | P mtr |
| 1.15 | Supplying, fitting and fixing earthing with Copper earth plate 600mmx600mmx6mm thick including all accessories & providing masonry enclosure with cover plate having locking arrangement & watering pipe etc. complete with charcoal salt coke as required for providing necessary earthing for housing panel. *(Copper Strip will be provided by Institute and contractor has to get copper strip soldered with earthing plate)* | 1 | nos. |
| 1.16 | Providing concrete work (excavation, cement concrete with coarse aggregate, cement plaster, painting of poles etc.) for pole structure with dimensions 0.45mx0.45mx1.5m | 13 | cum |