

Office of the General Manager(North Bengal)
West Bengal Tourism Development Corporation Limited
(A Government of West Bengal Undertaking)
Mainak Tourist Lodge, Hill Cart Road,
Pradhan Nagar, Siliguri, Dist- Darjeeling
Phone No: 0353-2511979
e_mail : gmnorthtourism@gmail.com

Memo. No. 126 / XI (117) GM(N) WBT DCL / 2019 - 20

Dated: 30.07.2019

NOTICE INVITING TENDER

Notice Inviting Tender No. 01 / WBT DCL/SE (NORTH) /2019 - 20

Sealed tenders are invited from reliable resourceful bonafide contractors /agency for the Supply, Installation, Testing, and Commissioning of lightning arrestors and allied works at various locations in North Bengal. The tenders will be received by the undersigned on behalf of WBTDC Ltd before 06-08-2019 Up to 1700 hrs.

Descriptions of Work are given below :

| Sl.No | Description of Work | Rate(in Rs) inclusive of all taxes,duties,transportation etc |
|-------|---|--|
| 1 | Supply, Installation , Testing, and Commissioning of lightning arrestors and allied works at Morgan House, Kalimpong in the district of Kalimpong. | Rs 66,127 |
| 2 | Supply, Installation , Testing, and Commissioning of lightning arrestors and allied works at Tashiding , Kalimpong in the district of Kalimpong. | Rs 46,587 |
| 3 | Supply, Installation , Testing, and Commissioning of lightning arrestors and allied works at Hill Top Tourist Lodge , Kalimpong in the district of Kalimpong. | Rs 50,427 |
| 4 | Supply, Installation , Testing, and Commissioning of lightning arrestors and allied works at Jaldapara Tourist Lodge in the district of Alipurduar. | Rs 81,193 |

Terms & Conditions

- 1) Trade License, PAN Card, Professional Tax deposit Receipt updated Challan, Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act, 2017. "Tax invoice(s) needs to be issued by the supplier for raising claim under the contract showing separately the tax charged in accordance with the provisions of GST Act, 2017" / in terms of 4374 F (Y).
- 2) The prospective Bidder shall have Valid Electrical Contractors / Supervisors License
- 3) The prospective bidder, if awarded, shall engage technical staff according to the requirements of works to be executed.
- 4) The acceptance of the tender is subject to approval of rate by the competent authority, WBTDCL Ltd. who does not bind itself to accept the lowest quotation and reserves the right to reject any or all quotations received without assigning any reason.
- 5) Tender papers in prescribed proforma (Annexure-I & A,B,C,D) will be issued to the eligible applicant.
- 6) The Successful bidder will have to execute a tender agreement in WBF No:- 2911/2911(i)/2911(ii) as applicable purchasing from this office and in proforma along with other documents within 7 (Seven) days from the date of issue of letter of acceptance failing which the quotation will be treated as cancelled.
- 7) The intending bidders/ agencies have to submit the PAN Card, GSTIN, PTCC, IT Saral for FY-2017-18, Trade License, Credentials and the earnest money along with their tender as part of **TECHNICAL BID**
- 8) The rate offered should be on the financial bid duly signed & affixing rubber stamp by the intending agencies in a sealed envelope marked **FINANCIAL BID**.
- 9) Both sealed envelopes (for Technical and Financial bid) should be super scribed "Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal.." are to be submitted concurrently during submission of Tender in a sealed envelope in the drop box kept in the chamber of the Superintendent Engineer (North) WBTDCL.
- 10) The bidders rate should inclusive all taxes prevailing in West Bengal. All equipment's and labour including their housing, water supply, sanitation, light, procurement of food, medical aids etc. are to be arranged by the agency at his own cost. The cost for transportation of equipment's and all other incidental charges as required for conducting the said work shall also have to be borne by the agency without any extra claim from WBTDCL. No extra payment beyond the quoted rate shall be entertained for any type of equipment / instrument necessary / required to complete the said work. Necessary deduction of taxes will be made at source as per Government rules.
- 11) **The total time to complete whole assignment is 1(One) weeks** from the date of issue of work order. No extension of time for completing the same shall be made owing to any variation made in the works by the orders of the clients, unless the clients in consequences of such variations extends the time allowed to Authority for the completion of the whole works.
- 12) In the event that two or more Bidders quote the same amount of [Premium or Grant, as the case may be] (the "Tie Bidders"), the Authority shall identify the Selected Bidder by draw of lots, which shall be conducted, with prior notice, in the presence of the Tie Bidders who choose to attend. As per Office Memorandum No. 24(23)/PF.II/2008 Ministry of Finance dated 14-07-2009.
- 13) The partnership firm shall furnish the registered partnership deed.
- 14) During scrutiny, if it comes to the notice of the bid inviting authority that the credential or any other papers found incorrect/manufactured/fabricated, that bidder will not be allowed to participate in the tender and that application will be out rightly rejected without any prejudice.
- 15) Before issuance of the work order, the bid inviting authority may verify the credential & other documents of the lowest bidder if found necessary. After verification, if it is found that such documents submitted by the lowest bidder is either manufactured or false in that case, work order will not be issued in favour of the tenderer under any circumstances.

- 16) In case if there be any objection regarding prequalification / list of "Technically Qualified Bidders", that objection should be lodged to the Superintendent Engineer (North Bengal), West Bengal Tourism Development Corporation, Mainak Tourist Lodge, Hill Cart Road, Pradhan Nagar, Siliguri, Dist- Darjeeling, within 2 days from the date of initial publication of list of Technically Qualified Bidders and beyond that time schedule no objection will be entertained by the Authority.
- 17) If any bidder fails to produce the original hard copies of the documents (especially Credential Certificate) or any other documents on demand of the Superintendent Engineer (North Bengal), West Bengal Tourism Development Corporation, Mainak Tourist Lodge, Hill Cart Road, Pradhan Nagar, Siliguri, Dist- Darjeeling within a specified time frame or if any deviation is detected in the hard copies or if there is any suppression of facts, the bidder will be suspended from participating in the bids platform for a 3 (three) years. In addition, this office may take appropriate legal action against such defaulting bidder as per law.
- 18) The bid inviting authority reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time the prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's action.
- 19) Defaulter agencies w.r.t. any works awarded earlier by Tourism Department/WBTDCL will not be considered for the works.
- 20) The engagement may be cancelled any time without compensation in the event of Natural calamities, War, Govt. Direction etc. or for any such events beyond the control the Authority, or where the agencies entrusted / engaged in illegal/unlawful activity in the said location/premises.
- 21) This office has the full right to reject/ withdraw/ revoke/ cancel whole or part of the Tender or Work Order at any stage without assigning any reason thereof.

Date & Time Schedule:

| Sl. No | Particulars | Date & Time |
|--------|--|--|
| 1 | Date and time of Publishing NIT | 30 th July 2019 & 1300hrs |
| 2 | Starting Date of Application for Receiving Tender Paper. | 30 th July 2019 & 1500hrs |
| 3 | Closing Date & Time of Submission. | 6 th August 2019 & 1800 hrs |
| 4 | Tender opening date for Technical Proposal. | 7 th August 2019 & 1300 hrs |
| 5 | Tender opening date for Financial Proposal. | 8 th August 2019 & 1300 hrs |

In the event of any of the above-mentioned dates being declared as a holiday the tender will be opened on the next working day at the appointed time.

Thanking you,

Yours faithfully,


Superintendent Engineer (North)
WBTDCL

Memo No.: 126/XI(117)GM(N)WBTDCL/2019-20
Copy forwarded for kind information:-

Date: 30.07.2019

1. The Managing Director, WBTDCL Ltd..
2. The General Manager (North) , WBTDCL Ltd
3. The Technical Adviser, WBTDCL Ltd, .
4. Executive Engineer Electrical (North), WBTDCL Ltd
5. IT cell, WBTDCL, Kolkata.
6. Office Notice Board for wide circulation.


Superintendent Engineer (North)
WBTDCL

Issued to:-

ANNEXURE-I
TECHNICAL BID

To,
The Superintendent Engineer (North)
West Bengal Tourism Development Corporation Limited
Mainak Tourist Lodge
Hill Cart Road, Pradhan Nagar,
Siliguri.

Sub-“ Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal..”

Sir,

With reference to your NIT No-_____, I am/we are
furnishing herewith details of Technical bid as under:-

1. Name of the agency :
2. Address :
3. Name of the contact person :
4. Contact Number :

| SL N O. | Description of items | Details |
|---------------|--------------------------------------|---------|
| 1 | PAN No | |
| 2 | GSTIN | |
| 3 | P.Tax | |
| 4 | Trade License | |
| 5 | I T Return for FY -2017-18 (Sara) | |
| 6 | Credential | |

DECLARATION: - I/we hereby declare that details furnished above true and correct. I/we have read over the entire terms and condition of the quotation document and abide by the same.

(Signature and name of the quotationer/bidder with stamp)

Issued to-

ANNEXURE-A (Hill Top)
FINANCIAL BID

To,
The Superintendent Engineer (North)
West Bengal Tourism Development Corporation Limited
Mainak Tourist Lodge
Hill Cart Road, Pradhan Nagar,
Siliguri.

Sub-" Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal.."

Sir

With reference to your NIT No: _____, we are putting in our offer financial bid as under:-

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|---|------|------|--------|---------|
| 1. | S & F Lightning conductor Air-terminals made of 15 mm dia 1500 mm long GI pipe (ISI Medium) having five prongs of 4 SWG GI (Hot Dip) wire at top with 85 mm dia 6 mm thick GI base plate at Bottom incl. necessary holes etc. duly grouted on the parapet etc. in CC mortar (4:2:1) | 3 | Each | Rs.551 | Rs.1653 |
| 2. | Cutting cornices/ steps etc. including cutting recess in buildings etc. & supply & fixing 15 mm bore (ISI-Medium) GI pipe protection as below and mending good damages to the building works: Length above 0.5 MTR | 25 | SET | Rs.191 | Rs.4775 |
| 3. | Making soldered joints between conductors and down pipes/ other metallic objects for 14 SWG GI (Hot Dip) wire including supply of necessary 4 SWG GI (Hot Dip) wire, jointing materials and painting with 2 (two) coats of bituminous paint | 25 | SET | Rs.140 | Rs.3500 |

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|--|------|---------------------|--------|----------|
| 4. | Hiring charges for scaffolding arrangement including dismantling at the end of work and carriage, for LC installation, per storey of building per vertical run | 8 | Storey/vertical run | Rs.200 | Rs.1600 |
| 5. | Supply & fixing GI (Hot Dip) strips 20 mm x 3 mm thick for horizontal run on the Parapet/Roof/ Wall with GI Saddles 1100 mm apart incl. mending good the damages to building works | 220 | MTR | Rs.80 | Rs.17600 |
| 6. | Supply & fixing of GI (Hot Dip) strips 20 mm x 3 mm thick for vertical run on wall with GI saddles spaced not exceeding 1000 mm apart incl. mending good damages to building work | 110 | MTR | Rs.112 | Rs.12320 |
| 7. | Making soldered joints between conductor/ conductor & air terminals by 7/10 stranded GI (Hot Dip) wire incl. supply of jointing materials & painting with 2 (two) coats of Bituminous paint | 3 | SET | Rs.91 | Rs.273 |
| 8. | Supply & Fixing of Testing Joints by 20 mm x 3 mm thick GI (Hot Dip) strip 125 mm long grouted on wall having clearance of 6 mm from wall for making connection with thimbles at the end of 7/10 SWG GI (Hot Dip) stranded Wire and 4 SWG GI (Hot Dip) wire of vertical conductor and conductor from earth electrode complete with S & F thimbles, GI bolts, nuts, check-nuts, spring washers etc. as required | 10 | Each | Rs.220 | Rs.2200 |

| | | | | | |
|--|---|---|-----------|---------|-----------------|
| 9. | Excavation of soil for installation of Earth Electrode and filling & ramming. | 3 | Cu mtr | Rs.277 | Rs.831 |
| 10. | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts.long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the groundlevel as below: (a) By ISI-Medium GI pipe | 3 | SET | Rs.1763 | Rs.5289 |
| 11. | Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required | 2 | Mtr | Rs.193 | Rs.386 |
| TOTAL (incl 12% GST) | | | | | 50427.00 |
| Rupees Fifty Thousand Four Hundred and Twenty Seven only. | | | | | |

I / We agree to carry out the above mentioned work

(____Rupees_____) of the project including all taxes and charges.

Date -

Place-

(Signature and name of the bidder with stamp)

Issued to-

ANNEXURE-B (Morgan House)
FINANCIAL BID

To,
The Superintendent Engineer (North)
West Bengal Tourism Development Corporation Limited
Mainak Tourist Lodge
Hill Cart Road, Pradhan Nagar,
Siliguri.

Sub-“ Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal..”

Sir

With reference to your NIT No: _____, we are putting in our offer financial bid as under:-

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|---|------|------|--------|---------|
| 1. | S & F Lightning conductor Air-terminals made of 15 mm dia 1500 mm long GI pipe (ISI Medium) having five prongs of 4 SWG GI (Hot Dip) wire at top with 85 mm dia 6 mm thick GI base plate at Bottom incl. necessary holes etc. duly grouted on the parapet etc. in CC mortar (4:2:1) | 5 | Each | Rs.551 | Rs.2755 |
| 2. | Cutting cornices/ steps etc. including cutting recess in buildings etc. & supply & fixing 15 mm bore (ISI-Medium) GI pipe protection as below and mending good damages to the building works: Length above 0.5 MTR | 35 | SET | Rs.191 | Rs.6685 |
| 3. | Making soldered joints between conductors and down pipes/ other metallic objects for 14 SWG GI (Hot Dip) wire including supply of necessary 4 SWG GI (Hot Dip) wire, jointing materials and painting with 2 (two) coats of bituminous paint | 30 | SET | Rs.140 | Rs.4200 |

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|--|------|---------------------|--------|----------|
| 4. | Hiring charges for scaffolding arrangement including dismantling at the end of work and carriage, for LC installation, per storey of building per vertical run | 12 | Storey/vertical run | Rs.200 | Rs.2400 |
| 5. | Supply & fixing GI (Hot Dip) strips 20 mm x 3 mm thick for horizontal run on the Parapet/Roof/ Wall with GI Saddles 1100 mm apart incl. mending good the damages to building works | 260 | MT R | Rs.80 | Rs.20800 |
| 6. | Supply & fixing of GI (Hot Dip) strips 20 mm x 3 mm thick for vertical run on wall with GI saddles spaced not exceeding 1000 mm apart incl. mending good damages to building work | 130 | MT R | Rs.112 | Rs.14560 |
| 7. | Making soldered joints between conductor/ conductor & air terminals by 7/10 stranded GI (Hot Dip) wire incl. supply of jointing materials & painting with 2 (two) coats of Bituminous paint | 5 | SET | Rs.91 | Rs.455 |
| 8. | Supply & Fixing of Testing Joints by 20 mm x 3 mm thick GI (Hot Dip) strip 125 mm long grouted on wall having clearance of 6 mm from wall for making connection with thimbles at the end of 7/10 SWG GI (Hot Dip) stranded Wire and 4 SWG GI (Hot Dip) wire of vertical conductor and conductor from earth electrode complete with S & F thimbles, GI bolts, nuts, check-nuts, spring washers etc. as required | 15 | Each | Rs.220 | Rs.3300 |

| | | | | | |
|---|---|---|-----------|---------|-----------------|
| 9. | Excavation of soil for installation of Earth Electrode and filling & ramming. | 5 | Cu mtr | Rs.277 | Rs.1385 |
| 10. | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts.long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the groundlevel as below: (a) By ISI-Medium GI pipe | 5 | SET | Rs.1763 | Rs.8815 |
| 11. | Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required | 4 | Mtr | Rs.193 | Rs.772 |
| TOTAL (incl 12% GST) | | | | | 66127.00 |
| Rupees Sixty Six Thousand One Hundred and Twenty Seven only. | | | | | |

I / We agree to carry out the above mentioned work

(____Rupees_____) of the project including all taxes and charges.

Date -

Place-

(Signature and name of the bidder with stamp)

Issued to-

ANNEXURE-C (Tashiding)
FINANCIAL BID

To,
The Superintendent Engineer (North)
West Bengal Tourism Development Corporation Limited
Mainak Tourist Lodge
Hill Cart Road, Pradhan Nagar,
Siliguri.

Sub-“ Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal..”

Sir

With reference to your NIT No: _____, we are putting in our offer financial bid as under:-

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|---|------|------|--------|---------|
| 1. | S & F Lightning conductor Air-terminals made of 15 mm dia 1500 mm long GI pipe (ISI Medium) having five prongs of 4 SWG GI (Hot Dip) wire at top with 85 mm dia 6 mm thick GI base plate at Bottom incl. necessary holes etc. duly grouted on the parapet etc. in CC mortar (4:2:1) | 7 | Each | Rs.551 | Rs.1653 |
| 2. | Cutting cornices/ steps etc. including cutting recess in buildings etc. & supply & fixing 15 mm bore (ISI-Medium) GI pipe protection as below and mending good damages to the building works: Length above 0.5 MTR | 50 | SET | Rs.191 | Rs.4775 |
| 3. | Making soldered joints between conductors and down pipes/ other metallic objects for 14 SWG GI (Hot Dip) wire including supply of necessary 4 SWG GI (Hot Dip) wire, jointing materials and painting with 2 (two) coats of bituminous paint | 35 | SET | Rs.140 | Rs.3500 |

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|--|------|---------------------|--------|----------|
| 4. | Hiring charges for scaffolding arrangement including dismantling at the end of work and carriage, for LC installation, per storey of building per vertical run | 15 | Storey/vertical run | Rs.200 | Rs.1600 |
| 5. | Supply & fixing GI (Hot Dip) strips 20 mm x 3 mm thick for horizontal run on the Parapet/Roof/ Wall with GI Saddles 1100 mm apart incl. mending good the damages to building works | 300 | MTR | Rs.80 | Rs.16000 |
| 6. | Supply & fixing of GI (Hot Dip) strips 20 mm x 3 mm thick for vertical run on wall with GI saddles spaced not exceeding 1000 mm apart incl. mending good damages to building work | 180 | MTR | Rs.112 | Rs.10080 |
| 7. | Making soldered joints between conductor/ conductor & air terminals by 7/10 stranded GI (Hot Dip) wire incl. supply of jointing materials & painting with 2 (two) coats of Bituminous paint | 7 | SET | Rs.91 | Rs.273 |
| 8. | Supply & Fixing of Testing Joints by 20 mm x 3 mm thick GI (Hot Dip) strip 125 mm long grouted on wall having clearance of 6 mm from wall for making connection with thimbles at the end of 7/10 SWG GI (Hot Dip) stranded Wire and 4 SWG GI (Hot Dip) wire of vertical conductor and conductor from earth electrode complete with S & F thimbles, GI bolts, nuts, check-nuts, spring washers etc. as required | 15 | Each | Rs.220 | Rs.2200 |

| | | | | | |
|--|---|---|--------|---------|-----------------|
| 9. | Excavation of soil for installation of Earth Electrode and filling & ramming. | 7 | Cu mtr | Rs.277 | Rs.831 |
| 10. | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts.long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the groundlevel as below: (a) By ISI-Medium GI pipe | 7 | SET | Rs.1763 | Rs.5289 |
| 11. | Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required | 4 | Mtr | Rs.193 | Rs.386 |
| TOTAL (incl 12% GST) | | | | | 46587.00 |
| Rupees Forty Six Thousand Five Hundred and Eighty Seven only. | | | | | |

I / We agree to carry out the above mentioned work

(Rupees

_____) of the project including all taxes and charges.

Date -

Place-

(Signature and name of the bidder with stamp)

Issued to-

ANNEXURE-D (Jaldapara)
FINANCIAL BID

To,
The Superintendent Engineer (North)
West Bengal Tourism Development Corporation Limited
Mainak Tourist Lodge
Hill Cart Road, Pradhan Nagar,
Siliguri.

Sub-" Supply, Testing, Installation and Commissioning of lightning arrestors and allied works at various locations in North Bengal.."

Sir

With reference to your NIT No: _____, we are putting in our offer financial bid as under:-

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|---|------|------|--------|---------|
| 1. | S & F Lightning conductor Air-terminals made of 15 mm dia 1500 mm long GI pipe (ISI Medium) having five prongs of 4 SWG GI (Hot Dip) wire at top with 85 mm dia 6 mm thick GI base plate at Bottom incl. necessary holes etc. duly grouted on the parapet etc. in CC mortar (4:2:1) | 7 | Each | Rs 528 | Rs.3696 |
| 2. | Cutting cornices/ steps etc. including cutting recess in buildings etc. & supply & fixing 15 mm bore (ISI-Medium) GI pipe protection as below and mending good damages to the building works: Length above 0.5 MTR | 50 | SET | Rs.183 | Rs.9150 |
| 3. | Making soldered joints between conductors and down pipes/ other metallic objects for 14 SWG GI (Hot Dip) wire including supply of necessary 4 SWG GI (Hot Dip) wire, jointing materials and painting with 2 (two) coats of bituminous paint | 35 | SET | Rs.135 | Rs.4725 |

| SL.NO | Description of Work | Qty. | Unit | Rate | Amount |
|-------|--|------|---------------------|--------|----------|
| 4. | Hiring charges for scaffolding arrangement including dismantling at the end of work and carriage, for LC installation, per storey of building per vertical run | 15 | Storey/vertical run | Rs.192 | Rs.2880 |
| 5. | Supply & fixing GI (Hot Dip) strips 20 mm x 3 mm thick for horizontal run on the Parapet/Roof/ Wall with GI Saddles 1100 mm apart incl. mending good the damages to building works | 300 | MT R | Rs.77 | Rs.23100 |
| 6. | Supply & fixing of GI (Hot Dip) strips 20 mm x 3 mm thick for vertical run on wall with GI saddles spaced not exceeding 1000 mm apart incl. mending good damages to building work | 180 | MT R | Rs.108 | Rs.19440 |
| 7. | Making soldered joints between conductor/ conductor & air terminals by 7/10 stranded GI (Hot Dip) wire incl. supply of jointing materials & painting with 2 (two) coats of Bituminous paint | 7 | SET | Rs.87 | Rs.609 |
| 8. | Supply & Fixing of Testing Joints by 20 mm x 3 mm thick GI (Hot Dip) strip 125 mm long grouted on wall having clearance of 6 mm from wall for making connection with thimbles at the end of 7/10 SWG GI (Hot Dip) stranded Wire and 4 SWG GI (Hot Dip) wire of vertical conductor and conductor from earth electrode complete with S & F thimbles, GI bolts, nuts, check-nuts, spring washers etc. as required | 15 | Each | Rs.210 | Rs.3150 |

| | | | | | |
|--|---|---|-----------|---------|-----------------|
| 9. | Excavation of soil for installation of Earth Electrode and filling & ramming. | 7 | Cu mtr | Rs.266 | Rs.1862 |
| 10. | Earthing with 50 mm dia GI pipe 3.64 mm thick x 3.04 Mts.long and 1 x 4 SWG GI (Hot Dip) wire (4 Mts. long), 13 mm dia x 80 mm long GI bolts, double nuts, double washers incl. S & F 15 mm dia GI pipe protection (1 Mts. long) to be filled with bitumen partly under the ground level and partly above ground level driven to an average depth of 3.65 Mts. below the groundlevel as below: (a) By ISI-Medium GI pipe | 7 | SET | Rs.1687 | Rs.11809 |
| 11. | Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required | 4 | Mtr | Rs.193 | Rs.772 |
| TOTAL (incl 12% GST) | | | | | 81193.00 |
| Rupees Eighty One Thousand One Hundred and Ninety Three only. | | | | | |

I / We agree to carry out the above mentioned work
(___Rupees_____

_____) of the project including all taxes and charges.

Date -

Place-

(Signature and name of the bidder with stamp)