

Name of the Tenderer:

Name of the Work: Providing Lightning Spike, Equipment Earthing and other minor Electrical works for NBSNL Cell BTS at SE Electrical Office KR5572, (APCPDCL) Vijayawada.

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Lr No: NIT/ BSNL/ESD-I/VJA/2023/65

Dated :27/10/2023

TENDER NOTICE

NIT No: 10/EDV/ESD-1/VJA/2023-24

The Sub Divisional Engineer(E),BSNL Electrical Sub Division-I, BSNL Bhavan, Vijayawada invites sealed item rate tenders on behalf of the BSNL for the following work(s) in **Krishna BA Urban** from the eligible contractors satisfying the following conditions.

| SI No | Name of work | Estimated Cost (Rs) | EMD (Rs) | Tender Cost (Rs) | Time for Completion |
|-------|---|---------------------|----------|------------------|---------------------|
| 1. | Providing Lightning Spike, Equipment Earthing and other minor Electrical works for NBSNL Cell BTS at SE Electrical Office KR5572, (APCPDCL) Vijayawada. | 37,642/- | 753/- | 177/- | 1 Month |

Last date of sale of tender : 02/11/2023 up to 4.00 p.m.
 Last date of receipt of tender : 02/11/2023 up to 3.00 p.m.
 Date of opening of tender : 03/11/2023 at 3.30 p.m.
 Validity of the Tender : 90 days.

A) ELIGIBILITY CRITERIA:

1. BSNL enlisted contractors in Electrical category of respective class as per their tendering limits

1. The Contractor shall submit and confirm

a. Valid "Chartered Accountant certificate "and Registration Certificate with attested copies as applicable along with application on their printed letter heads for purchase of Tender.

b. List of works completed of the requisite magnitude along with attested copies of certificate, testimonials of their satisfactory completion from the Department concerned obtained from an Officer not below the rank of Executive Engineer All such testimonials shall be considered valid only if they essentially contain the following information:

- (i) Contact No. & Address of issuing authority
- (ii) Order Ref No: & Date
- (iii) Name of work
- (iv) Actual Date of completion of work
- (v) Actual Value of completed work

c. Copy of Pan Card, self-attested copies of valid GST registration Certificate,

2. The tenderer shall submit the tenders in 2 sealed covers marked as 1st and 2nd. The first cover should contain the earnest money deposit in the shape of Demand Draft / Bank Guarantee / Pay Order of a schedule Bank of Nationalized Bank / State Bank guaranteed by Reserve Bank of India drawn in favour **The Accounts Officer (Cash), O/o GMTD, BSNL, Vijayawada** and the second cover should contain the tender documents. In case 1st cover is not annexed or Earnest Money is not in proper form, the 2nd cover containing tenders will not be opened at all. In case holiday is declared on the opening day, the tenders will be opened on the next working day.

3. The Name of work, Name of tenderer and last date of receipt of tender should be mentioned on each envelope. In the absence of which the tender shall not be considered and unopened tender returned forthwith.

4.The blank application form & blank tender document (with conditions, schedule etc complete) can be downloaded from the website www.ap.bsnl.co.in. The tenderer who submit the tender after down loading from website have to submit **eligibility conditions & tender fee** in the shape of Demand Draft / Pay Order of a Schedule Bank of Nationalized Bank / State Bank guaranteed by Reserve Bank of India in favour of **The Accounts Officer (Cash), O/o GMTD, BSNL, Vijayawada** in a **separate envelope** super scribed as **"Tender Fee & eligibility conditions"**. Other envelopes are marked as 1st & 2nd as above. During tender opening envelopes of tender fee & eligibility condition will be

opened first. If tender fee is not in order or agency does not fulfill eligibility conditions as per NIT, envelope super scribed as 1 & 2 will not be opened at all. Tender Fee once submitted will not be refunded. Eligibility of agency shall be checked only on the basis of documents given in envelope “**Tender Fee & Eligibility Conditions**”. No additional document will be entertained during tender opening.

5.The tenderers who do not want to download from Web site can also obtain the conditions and tender documents from the office of SDE(E),BSNL ESD-I, BSNL Bhavan, Annexe Building, Chuttugunta, Vijayawada up to 16.00 Hrs. on or before above mentioned dates on all working days on payment of tender cost (non-refundable) for each work by Cash / DD drawn in favour of **The Accounts Officer (Cash), O/o GMTD, BSNL, Vijayawada.**

6.INSTRUCTIONS FOR TENDERERS USING DOWNLOADED TENDER DOCUMENT FROM WEB : The down-loaded “tender document” in which rates are quoted should be **properly bound and sealed**. The loose / spiral bound tenders shall be rejected outrightly. In case of any correction / addition / alteration / omission in the tender document, it shall be treated as non-responsive and shall be rejected. Every page of down-loaded tender shall be **signed by tenderer with stamp (seal)**. The tenderer shall furnish a **declaration** to this effect that no addition/ deletion/corrections have been made in the tender document submitted and it is identical to the tender document appearing on Web-site etc. **The printout should be taken on suitable paper only**. The tenderer should also carefully read the important instructions to tenderers who have down loaded the tender document from web given in the tender document before submitting the tenders.

7. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED (BSNL EW-8) are available on BSNL website http://electrical.bsnl.co.in/BSNL_EW-8.pdf as well as in the Division Office.

8. As per the instruction of GOI, the MSME registered vendors are exempted from payment of EMD & TC up to the time frame mentioned in the GOI instruction.

Note :

1. The conditional tender shall be summarily rejected.
2. The company or the firm or any other person is not permitted to tender for works in BSNL unit in which his near relative (s) is (are) posted.
3. The tender documents shall not be sent through courier/post. The tender documents received through courier/ post shall not be opened / considered at all.
4. **Separate Tender schedule & EMD shall be submitted for each work.**

Lr No: NIT/ BSNL/ESD-I/VJA/2023/ 65

Dated : 27/10/2023

- 1) The Chief Engineer (E), BSNL AP Zone, Vijayawada for kind information.
- 2) The Superintending Engineer (E), BSNL Electrical Circle, Vijayawada for kind information.
- 3) The Executive Engineer (E), BSNL, Electrical Div. VSP/TPT/VJA/KNL for kind information
- 4) SDE (E) Electrical Sub Division Vijayawada/Eluru/Guntur for information .
- 5) All Eligible Contractors.
- 6) AO (Plg) O/o.CGMT, VJA/Sr.TOA/ Auditor/Notice Board.
- 7). Web site www.ap.bsnl.co.in

-sd-

SUB DIVISIONAL ENGINEER (E)

IMPORTANT INSTRUCTIONS TO TENDERERS WHO HAVE DOWNLOADED THE
TENDER DOCUMENT FROM WEB

The tenderers, who have down loaded the tenders from the web, should read the following important instructions carefully before actually quoting the rates & submitting the tender documents:-

1. The tenderer should see carefully & ensure that the **complete tender document** including schedule of quantity **as per the index** given on first page has been down loaded & there are (23) **pages** in all in the tender document.
2. **The printout of tender document should be taken on A4 size paper only & the printer settings etc are such that document is printed as appearing in the web & there is no change in formatting, number of page etc.**
3. The tenderer should ensure that **no page** in the down loaded tender document is **missing**.
4. The tenderer should ensure that all pages in the down loaded tender document are **legible & clear** & are printed on a good quality paper.
5. The tenderer should ensure that **every page** of the down-loaded tender document is **signed by tenderer with stamp (seal)**.
6. On **page '1'** of the down loaded tender document, the name of the tenderer and the name of the work should be filled by the tenderer.
7. The tenderer should ensure that the down loaded tender document is **properly bound and sealed** before submitting the same.
8. The loose / spiral bound tenders, not properly sealed shall be rejected out-rightly.
9. In case of any correction/addition/alteration/omission in the tender document, it shall be treated as non-responsive and shall be rejected.
10. The tenderer shall furnish a declaration to this effect that no addition/deletion/corrections have been made in the tender document submitted and it is identical to the tender document appearing on Web-site.
11. The tenderer should read carefully & **sign the declaration** given on the next page before submitting the tender.
12. The **cost of tender** should be submitted as detailed in NIT.
13. In case of any doubt in the down loaded tender, the same should be got clarified from the **O/o.The Sub Divisional Engineer(E), BSNL Electrical Sub Division-I, Vijayawada (Tel.No. 0866-2444780)** before submitting the tender.

DECLARATION

(TO BE GIVEN BY THE TENDERERS WHO HAVE DOWNLOADED THE TENDER DOCUMENT FROM THE WEB)

It is to certify that

- 1) I / We have submitted the tenders in the proforma as **downloaded directly from the website & there is no change in formatting, number of pages etc.**
- 2) I/ We have submitted tender documents which **are same / identical** as available in the website.
- 3) I / We have **not made any modification / corrections / additions etc** in the tender documents downloaded from web by me / us.
- 4) I / We have checked that **no page is missing** and all pages as per the index are available & that all pages of tender document submitted by us are **clear & legible**.
- 5) I / We have **signed (with stamp) all the pages** of the tender document before submitting the same.
- 6) I / We have **sealed** the tender documents properly before submitting the same.
- 7) I / We have submitted the **cost of tender** along with EMD.
- 8) I have read carefully & understood the important instructions to the all tenderers & to tenderers who have down loaded the tenders from the web.
- 9) In case at any stage later, it is found there is difference in our downloaded tender documents from the original, BSNL shall have the absolute right to take any action as deemed fit without any prior intimation to me / us.
- 10) In case at any stage later, it is found there is difference in our downloaded tender documents from the original, the tender / work will be cancelled and Earnest Money/ Security Deposit will be forfeited at any stage whenever it is so noticed. The department will not pay any damages to me / us on this account.
- 11) In case at any stage later, it is found there is difference in our downloaded tender documents from the original, I / We may also be debarred for further participation in the tender in the concerned BSNL Electrical Zone & would also render me / us liable to be removed from the approved list of contractors of the Department.

Dated

(CONTRACTOR)
(SIGN WITH SEAL)

UNDERTAKING TO BE FURNISHED BY THE TENDERER

1. UNDERTAKING A

"I.....Son of.....
.....Resident of..... hereby give an undertaking
that I have read and I am aware of all the clauses and sub clauses of BSNL EW 6 & 8 forms and I confirm
that I will abide by all the terms and conditions available in original standard BSNL EW 6 & 8 forms.

(Seal of the firm)

(Dated Signature of Contractor)

2. UNDERTAKING B

"I Son of
..... Resident of..... hereby give an undertaking that
none of my relative(s) as defined in the tender document is/are employed in BSNL unit as per details given
in tender document. In case at any stage, it is found that the information given by me is false/incorrect,
BSNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me".

(Seal of the firm)

(Dated Signature of Contractor)

3. UNDERTAKING REGARDING EPF PROVISIONS-C

"I.....Son of.....
.....Resident of hereby give an undertaking
that

* I/We have employed only ----- persons in our establishment and hence the EPF and Miscellaneous provisions Act, 1952 is not applicable to my /our establishment.

* I/ We have registered as per the EPF and Miscellaneous provisions Act, 1952 and our registration no is ----- . We undertake to keep it valid during the currency of contract.

In case at any stage, it is found that the information given by me is false / incorrect, BSNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me".

* strike out whichever is not applicable

(Seal of the firm)

(Dated Signature of Contractor)

4. UNDERTAKING D

PAN No:.....

Service Tax Registration No:.....

TNGST Registration No:.....

TIN Number:

The Agency shall fill up the above data

(Seal of the firm)

(Dated Signature of Contractor)

MODEL FORM OF BANK GUARANTEE

(For submitting EMD)

Whereas _____ (hereinafter called "the contractor(s)") has submitted its Tender dated _____ for the work _____

KNOW ALL MEN by these presents that WE _____ OF _____ having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ (hereinafter called "the BSNL") in the sum of _____ for which payment will and truly to be made of the said BSNL, the Bank binds itself, its successors and assigns by these presents.

THE CONDITIONS of the obligation are:

1. If the Contractor(s) withdraws its Tender during the period of Tender validity specified on the Tender Form: or
2. If the Contractor(s) having been notified of the acceptance of its Tender by the BSNL during the period of Tender validity.
 - (a) Fails or refuses to execute the Contract.
 - (b) Fails or refuses to furnish security Deposit in accordance with the conditions of Tender document.

We undertake to pay to the BSNL up to the above amount upon receipt of its first written demand, without the BSNL having to substantiate its demand, provided that in its demand, the BSNL will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force as specified in the Tender Document up to and including Thirty (30) days after the period of the Tender validity and any demand in respect thereof should reach the Bank not later than the specified date/dates.

Signature of the Bank

Signature of the Witness

Name of Witness

Address of Witness:

ANNEXURE II

PERFORMANCE SECURITY GUARANTEE BOND

In consideration of the CMD, BSNL (hereinafter called 'BSNL') having agreed to exempt _____ (hereinafter called 'the said contractor(s)') from the demand under the terms and conditions of an agreement/Advance Purchase Order No _____ dated _____ made between _____ and _____ for the supply of _____ (hereinafter called "the said agreement"), of security deposit for the due fulfillment by the said contractor (s) of the terms and conditions contained in the said Agreement, on production of the bank guarantee for _____ we, (name of the bank) _____ (hereinafter refer to as "the bank") at the request of _____ (contractor(s)) do hereby undertake to pay to the BSNL an amount not exceeding _____ against any loss or damage caused to or suffered or would be caused to or suffered by BSNL by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.

2. We (name of the bank) _____ do hereby undertake to pay the amounts due and payable under this guarantee without any demur, merely on a demand from the BSNL by reason of breach by the said contractor(s)' of any of the terms or conditions contained in the said Agreement or by reason of the contractors(s)' failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of BSNL in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding _____.

3. We under take to pay to the BSNL any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/supplier(s) shall have no claim against us for making such payment.

4. We(name of the bank) _____ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the BSNL under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____ (office/Department) BSNL certifies that the terms and conditions of the said Agreement have been fully or properly carried out by the said contractor(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry of TWO/TWO AND HALF/THREE YEARS (as specified in P.O) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.

5. We (name of the bank) _____ further agree with the BSNL that the BSNL shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Agreement or to extend time of performance by the said contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the BSNL against the said Contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act or omission on the part of the BSNL or any indulgence by the BSNL to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s)/supplier(s).

7. We (name of the bank) _____ lastly undertake not to revoke this guarantee during its currency except with the previous consent of the BSNL in writing.

Dated the _____ day of _____
for _____

(indicate the name of bank)

BHARAT SANCHAR NIGAM LIMITED

(A GOVT OF INDIA LIMITED)

Electrical Wing

Electrical Division: VIJAYAWADA,

Sub Division: ESD- I,VIJAYAWADA,

Certified that this tender schedule

Contains 234 pages only.

NIT No.: **10/EDV/ESD-1/VJA/2023-24**

1. DIVISION: ED-Vijayawada,

2. SUB DIVISION: ESD-I, VIJAYAWADA,

Notice Inviting Tenders

(As per Tendering Procedure in BSNL revised up to date)

Tenders in the prescribed form are hereby invited on behalf of the BSNL for the works of “as per NIT “

1. Estimated cost : As per NIT

02. (a) Printed forms of tenders consisting of the detailed plans, complete specifications, the schedule of quantities of the various classes of works to be done and the set of conditions of contract to be complied with by the persons whose tender may be accepted, can be purchased, at the Divisional / Sub divisional office between the hours of 1100 hrs and 1600 hrs. every day except on Sundays and public Holidays on payment of **Rs. 177/-** in cash.
- (b) The site for the work is available/ or the site for the works shall be made available in parts.
- (c) The tender forms can also be downloaded from the website.
- (d) Before tendering, the contractor shall inspect the site and fully acquaint himself about the condition with regard to accessibility of site and site nature and the extend of grounds, working condition, including stocking of materials, installation of T&P etc., and conditions affecting accommodation and movement of labour etc., required for the satisfactory execution of the contract. No claim whatsoever on such account shall be entertained by the BSNL in any circumstances.
03. Tenders which should always be placed in sealed covers with the name of the work written on the envelope will be received by the Sub Divisional Engineer (Elect.),BSNL Electrical Sub Division Vijayawada, Upto 15.00 hours on **date mentioned above** and will be opened by him in his office on the same day at 15.30 hours.
04. The time allowed for carrying out the work will be (as mentioned in the NIT) from the 5th day after the date of written order to commence the work.
05. **Issue of tender form will be stopped two days before the date of opening as mentioned above** fixed for opening of tenders. Tenders will be sold on working days, no tenders will be sold after 16.00 hours.
- a) Earnest Money amounting to **Rs. as mentioned above** /- in the form of demand draft/ FDR/ BG/ CDR of a nationalized/scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of **Accounts Officer(cash), O/o GMTD, Vijayawada** ,. must accompany each tender and each tender should be in two sealed covers, one cover containing the EMD in proper form and other cover containing tender , super scribed as Tender for the work of

“
.....
and addressed to Sub Divisional Engineer (Elect.) BSNL ESD-I, Vijayawada. **The Validity period of EMD should be 120 days, from the date of opening of tender.** In case of e-tendering ,each tender should be in two sealed coves, first containing credentials for meeting the Eligibility conditions along with the cost of tenders and EMD in proper form, second cover containing tender documents.

The credentials shall be self attested and certified by any BSNL Executive. If not certified by BSNL Executive then original documents shall be produced at the time of tender opening. After verification of the contents of this envelope then second envelope containing the bid document shall be opened.

- b) The EMD of all the unsuccessful tenderers shall be released on issue of award letter to the successful tenderer. This shall be done within one week of award letter.
 - c) Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.
06. a) The contractor should submit and confirm Chartered Accountant Certificate in respect of turnover and other registration certificate [Enlistment in BSNL, Electrical License, Sales Tax] with attested copies (self attested and counter attested by any executive of BSNL/MTNL or Gazetted officer of GOI) as applicable along with the application on printed letter head for purchase of tender.
- b) The contractor shall submit and confirm his permanent account number (PAN) issued by the Income Tax Department.
- c) The tenderer should submit the valid WCT/ Sales Tax/ VAT registration certificate
07. i) **Performance Guarantee:** The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee / CDR/FDR/DD (of a nationalized / Scheduled Bank in a standard format) within two weeks from the date of issue of award letter. This period can be further extended by the Engineer-in-charge upto a maximum period of 2 weeks on written request of Contractor. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.
- ii) **Security deposit:** In addition to performance guarantee stated above, a sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum be deducted with the sum already deposited as earnest money, will amount to security deposit of 5% of the Tendered value of the work.
08. The acceptance of a tender will rest with the Sub Divisional Engineer (Elect.),BSNL Electrical Sub Division-1, Vijayawada , , who does not bind himself to accept the lowest tender or any other tender and reserves to himself the Authority to reject lowest or all the tenders received without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected. Tenders with any condition including that of conditional rebates shall be rejected forthwith summarily.
09. Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
10. The BSNL reserves itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
11. i) The tenderer should give a certificate that none of his/her relative is employed in BSNL units. In case of proprietorship firm, certificate will be given by the proprietor and for partnership firm certificate will be given by all the Directors of the company.
- ii) Near relatives of all BSNL employees either directly recruited or on deputation are prohibited from participation in tenders and execution of works in the different units of BSNL. The near relatives for this purpose are defined as:
- a. Members of a Hindu Undivided family.
 - b. They are husband and wife.
 - c. The one is related to the other in the manner as father, mother, son(s) & son's wife(daughter-in-law), Daughter(s) & daughter's husband(son-in-law), brother(s) & brother's wife, sister(s) & sister's husband(brother-in-law).
- iii) The company or firm or any other person is not permitted to tender for works in BSNL Unit in which his near relative(s) is(are) posted. The unit is defined as SSA/Circle/Chief Engineer/Chief Archt./Corporate office for non executive employees and all SSA in a circle including circle office/Chief Eng./Chief Archt./Corporate office for executive employees (including those called as Gazetted officers at present). The tenderer should give a certificate that none of his/her such near relative is working in the units as defined above where he is going to apply for tender/work, for proprietorship , partner ship firms and limited company certificate shall be given by the authorized signatory of the firm. Any breach of these conditions by the company or firm or any other person, the tender/work will be cancelled and earnest money/performance guarantee will be forfeited at any stage whenever it is so noticed. BSNL will not pay any damages to the company or firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit.

The format of the certificate to be given is

"I.....

Son of Shri. Resident
of..... hereby certify that none of my relative(s) as defined in the tender document is/are employed in BSNL unit as per details given in tender document. In case at any stage, it is found that the information given by me is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit/without any prior intimation to me".

(Seal of the firm)

(Signature of Contractor)

12. No employee in BSNL/ Govt. of India is allowed to work as a contractor for a period of two years of his retirement from service without the prior permission. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission as aforesaid before submission of tender and engagement in the contractors service.
 13. The tender for the works shall not be witnessed by the contractor who himself/themselves has/ have tendered or who may and has/have tender for the same work. Failure to observe this condition would render tenders of the contractors tendering as witnessing the tender is/are liable for summarily rejection.
 14. It will be obligatory on the part of the tenderer to sign each page of the Schedule of work and the tender documents for all the component parts and after the work is awarded he will have to enter into a separate agreement for each component with the officer concerned.
 15. Any tender not submitted in proper manner or if it contains too many corrections, over writings of absurd rates, and absurd amount will be liable to be rejected and the BSNL will be at liberty to take such action as it may deem fit without any reference to the tenderer.
 16. The tenders for the work shall remain open for acceptance for a period of 90 days from the date of opening of the tenders.
- If any tenderer withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which is not acceptable to the BSNL shall, without prejudice to any other right of remedy be at liberty to forfeit 50% (fifty percent only) of the said earnest money absolutely.
20. **Extension of validity:** In case, where the letter of award of work cannot be placed within the validity period of the tender, the BSNL can request all tenderers to extend the validity of their respective tenders and the Earnest Money deposit by a reasonable period. In such cases, extension of validity of Earnest Money deposit by 30 days beyond the extended validity date of tender should also be asked for. While BSNL can make the request for extension, the tenderer is free to either extend the validity or refuse the request to extend the validity.
 21. Unsealed tenders will be summarily rejected.
 22. The contractor should read the tender documents carefully before submitting the tender.
 23. Agreement shall be drawn with the successful tenderer on prescribed form. Tenderer shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
 24. The tenderer shall furnish a declaration to this effect (incase downloaded tender) that no addition/deletion/correction have been made in the tender document submitted and is identical to the tender document appearing on website. Every page of downloaded tender shall be signed by the tenderer with stamp (seal) of his firm /organization.
 25. This Notice Inviting Tender shall form part of the Contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-

- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
- b) Standard form.

Signature of Divisional Officer/ Sub-Divisional
Officer

.....
For and on behalf of BSNL

BHARAT SANCHAR NIGAM LIMITED

(A Government of India Enterprise)

CIRCLE :- Vijayawada TELECOM CIRCLE-

DIVISION – Vijayawada

BRANCH : EW

SUB DIVISION- I, VIJAYAWADA

(A) Tender for the work of “:- _____
_____”.

(i) Issued to (contractor) _____ -

(ii) Tender Cost : _____ /-

(iii) Receipt No. _____ -

(iv) Date of application _____ - (v) Date of issue _____ -

(vi) Signature of officer issuing the documents _____ -

(vii) Designation _____ -

(B) (i) To be submitted by (time) **15.00** hours on (date) **as mentioned Above in NIT** to the Sub Divisional Engineer(E),BSNL Electrical Sub Division-I ,Vijayawada

(ii) To be opened in presence of tenderers who may be present at 15.30 hours on date **as mentioned Above in NIT** in the office of the Sub Divisional Engineer(E),BSNL Electrical Division ,Tirupati.

TENDER

1. I/we have read and examined the notice inviting tender, schedule, specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, special conditions, Schedule of Rates and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.
2. I/We hereby tender for the execution of the work specified for BSNL within the time specified, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.
3. I/We agree to keep the tender open for ninety (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions.
4. A sum of **Rs. 753/-** is hereby forwarded in the form of Deposit at call receipt/FDR//Bank guarantee of a Nationalized /Scheduled Bank as earnest money. If I/We, fail to commence the work specified I/We agree that the said BSNL shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and the same may at the option of the competent authority on behalf of BSNL be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.
5. Should this tender be accepted, I/We agree to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered upto maximum of percentage mentioned in clause 12.3 of the tender form and those in excess of that limit at rates to be determined in accordance with provisions contained in clause 12.2.

6. I/we agree to furnish to BSNL Deposit at call receipt/ FDR/ Bank guarantee of a Nationalized/ Scheduled Bank for an amount equal to 5% of the contract value in a standard format within two weeks from the date of issue of award letter. I/We agree to keep the performance bank guarantee valid for one year from the date of actual completion of work.
7. I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than to whom I/We am/are authorised to communicate the same or use the information in any manner prejudicial to the safety or interest of BSNL.

Signature of Witness
(required in the case of contractor's thumb
impression is given by the contractor in
place of signature)
(Name & Postal address):

(Signature of contractor)

Seal of Contractor:

Occupation of Witness:

Date:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for
and on behalf of BSNL for a sum of Rs. _____ (Rupees _____

_____)

The letters referred to below shall form part of this contract Agreement

a)

b)

For & on behalf of BSNL

Dated

Signature _____

Designation

SPECIAL CONDITIONS OF CONTRACT

(FOR COMPLAINANCE WITH LABOUR WELFARE LEGISLATIONS WHEREVER APPLICABLE)

1. a) The contractor / agency should follow all Labour Welfare Legislators wherever applicable to protect the interests of the labourers /employee engaged by them to perform the works in BSNL.
1. b) The contractor / agency should take in to consideration all the Labour Welfare Legislations applicable and quote their rates inclusive of all statutory obligations cast upon the contractor/agency to protect the interests and welfare of the employees/labours. Nothing extra will be paid on any account by BSNL.
1. c) The contractor/agency will be fully responsible to follow all Labour Welfare Legislations and BSNL will not be responsible for any default/violation of Labour Welfare Legislations by the contractor/agency.
- 2) The contractor/agency should possess registration/ license from the appropriate Labour/ Provident Fund/ESI authority.
- 3) The contractor/agency should make payment of prescribed minimum wages to its workers.
- 4) The contractor/agency should ensure that all statutory dues of the employees are deposited with the appropriate authorities timely.
- 5) The contractor/agency should ensure fulfillment/compliance of the EPF & Miscellaneous Provisions Act 1952 & Employees Provident Fund Scheme 1952 in respect of the employees/ labourers engaged by them to perform the works in BSNL.
- 6) Each Bill of the contractor/agency must be accompanied by the following:
 - i) List showing details of labourers/employees engaged.
 - ii) Duration of their engagement.

Sub-Divisional Engineer (E),
BSNL Electrical Sub-Division-I
Vijayawada.

Important Notes:

The firm shall read carefully the following conditions and shall quote accordingly confirming all the points in their offer.

1. EARNEST MONEY

Firm has option to deposit Earnest Money in the form of CDR / FDR / DD or bank guarantee of a scheduled Bank or Nationalized Bank / State Bank guaranteed by Reserve Bank of India in department's attached format and manner (Annexure-I). If the firm fails to start or withdraws from agreement, then as per relevant clause of the agreement, EMD @ 2% of the amount of agreement shall be forfeited from EMD available with the agreement or from any money due to the firm by the department under this contract or on any other account. Validity period of earnest money deposit shall be 30 days beyond the tender validity.

- (i) The EMD of all the unsuccessful tenders shall be released on issue of award letter to the successful tender.
- (ii) The EMD of the successful tenderer will be returned to the contractor without interest only after submission of performance guaranty of last LOI. The successful tenderer has to extend the validity of EMD as per BSNL requirements.

2. BID PRICES, TAXES AND DUTIES

The bidder shall give the total composite price inclusive of all Central and State's Levies & Taxes on material, labour etc. except octroi / Entry Taxes. Octroi / Entry Taxes will be paid extra, as per actuals, wherever applicable on production of proof of payment / relevant invoices / documents.

The price approved by BSNL for procurement will be inclusive of levies and taxes, Packing, Forwarding, Freight and Insurance etc. except octroi / Entry Taxes.

(a) The total composite price shall comprise of unit price and all other components of price need to be individually indicated / quoted against the goods / material / service, it proposes to supply under the contract in the following manner :

- i) The Basic Unit price (Ex-Factory Price) of the goods / services / materials, GST Tax, Freight, Forwarding, Packing, Insurance and any other Levies / Charges already paid or payable by the supplier shall be quoted separately.
- ii) The liability to pay all taxes, levies etc. shall be of contractor and BSNL will not entertain any claim whatsoever in this respect.

(b) Duties and Taxes applicable if any:

i) The firm shall furnish challans / invoices for availing input tax credit by BSNL

ii) Vendors should furnish the correct HSN/SAC Code in the price Schedule. If the input tax credit under GST is found to be not admissible at any stage subsequently owing to wrong furnishing of tariff Head, then the vendors will be liable to refund such non-admissible amount, if already paid along with penalty if charged by the concerned authority.

iii) In case the input tax credit which could not be availed by BSNL as per the quotes indicated in the price schedules by the vendors and subsequently at any stage it is found that input tax credit is admissible as per GST Rules, then the vendors will be liable to refund the amount equivalent to such Duties & Taxes if already paid to them. However the purchaser may allow the supplier to submit necessary documents in this regard which may enable the purchaser to avail the input tax credit provided such credit is still available for the amount so paid as per GST Rules

iv) The purchaser reserves the right to ask the bidders to submit documentary proof confirming the correct HSN/SAC Code where the code furnished against the particular tendered item by different bidders differs from each other or the same is found apparently not furnished in accordance with GST Rules.

v) If the supplier fails to furnish necessary supporting documents for input tax credit by BSNL, the amount pertaining to such Input credit will be deducted from the payment due to the firm.

vi) Invoice should clearly indicate breakup details of composite price i.e. basic unit price (Ex-Factory price) of the goods / services / materials, any other duties and taxes, Freight / Packing, Forwarding charges, GST etc.

vii) In case of any statutory variation in regard to GST or any other taxes, within the currency of individual agreement including extension of time period, the same shall be admissible as per actual prevailing rates of

GST or any other taxes as applicable, subject to the condition that the reason for such extension of time period is not attributable to the agency.

3. EVALUATION OF BIDS

The evaluation and comparison of responsive bids shall be done on the basis of net cost to BSNL on the prices of all items included in schedule of work offered inclusive of Duties and taxes, Packing, Forwarding, Freight and Insurance charges etc but excluding input tax credit under GST. The Octroi / Entry Taxes are not to be included in the composite price and hence the same will not be considered for the purpose of evaluation and comparison of responsive bids. However, Octroi / Entry Taxes will be paid extra, as per actual, wherever applicable, on production of proof of payment / relevant invoices / documents.

4. INCREASE/DECREASE OF TENDER QUANTITY

BSNL will have the right to increase / decrease up to 50% of the quantity of goods and services specified in the schedule of items without any change in the unit price or other terms and conditions at the time of award of contract. In exceptional and unavoidable cases BSNL can increase the quantity of goods and services beyond 50% of the tendered quantity without any change in tendered and accepted unit price and also other terms and conditions as applicable at the time of award of contract.

5. Signing of Contract:

The successful tenderer /contractor, on acceptance of his tender by the Accepting Authority, shall sign the contract within 15 days consisting of the notice inviting tender, all documents including drawings, if any, forming the tender as issued at the time of invitation of tender & acceptance thereof together with any correspondence leading thereto.

The agreement to be signed on non-judicial stamp paper and the cost to be decided as per the prevailing local bye-laws or zonal head of the circle.

6.a) Tendered rates are inclusive of taxes and levies payable under the respective states.

However, pursuant to the Constitution (Forty Sixth amendment) Act 1982, if any further tax or levy is imposed by statute after the date of receipt of tenders and the contractor(s) thereupon necessarily and properly pays taxes or levies the contractor(s) shall be reimbursed the amount so paid provided such payment if any is not in the opinion of S.E (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor(s).

(b) The contractor(s) shall keep necessary books of accounts and other documents for the purpose of this condition as may be necessary and shall allow inspection of the same by a duly authorized representative of Government and shall furnish such other information's /documents as the Engineer-in-Charge may require.

(c) The contractor(s) shall within a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (Forty Sixth amendment) Act 1982 give a written notice thereof to the Engineer-in-Charge that the same is given pursuant to this condition together with all necessary information relating thereto.

7. PERFORMANCE BANK GUARANTEE :-

The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee (of a Nationalized / Scheduled Bank in a standard format)/ CDR/FDR/BG/DD within two weeks from the date of issue of award letter. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.

Security Deposit: In addition to performance guarantee stated above, a sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum along with the sum already deposited as earnest money, will amount to security deposit of 5% of the tendered value of the work.

8. PAYMENT TERMS:-As per BSNL EW6 & EW8

No payment will be made for goods rejected at the site on testing. Payment, if made for such items shall be recovered from subsequent bills or other bills.

9. PROGRAMME FOR EXECUTION: -The firm shall execute the work as per detailed programme as mentioned in table of mile stones in schedule of proforma.

10.. STORES AND SAFETY:

The contractor from his own sources shall arrange all the stores and materials required for the satisfactory completion of the work at work site. Lockable space for storing the materials may be provided on request from the contractor. However, safe custody of material stored at site will be the responsibility of the contractor.

11. PACKING, FORWARDING AND STORING AT SITE:

Before dispatch to site, the equipment / components / materials shall be properly packed with polythene sheet and wooden planks for protection and avoiding transit damages and damage against storage in open area at transporters premises or at work site.

12. COORDINATION AT SITE:

At the site of work as more than one agency may be working, full cooperation shall be extended to other agencies during progress of work. Further, work shall be carried out in such a way so that it may not cause abnormal noise and hindrance to the officers of the BSNL engaged in erection as well as doing normal routine work.

13.GUARANTEE AND DEFECT LIABILITY:

(i) The guarantee shall be valid for twelve months reckoned from the actual date of completion. The contractor shall guarantee that all equipment shall be free from any defect due to the defective material and / or bad workmanship and also the equipment shall work satisfactorily with performance and efficiencies not less than the guaranteed values. The security deposit will be released only after the guarantee period.

(ii)Any part of equipment found defective during this period shall be replaced free of cost by the contractor. The service of the contractor's personnel, if required during this period shall be made available free of cost to the BSNL.

(iii)The contractor shall depute his representative within 24 hours of notification of the defect by the BSNL

(iv)A joint report shall be prepared by the representative of BSNL and the firm regarding nature of defects and remedial action required. Time schedule for such action shall also be finalized.

(v)In case the contractor fails to depute his representative within 24 hours of notification of the defect or fails to cause remedial action within reasonable time as decided during joint inspection, the BSNL may proceed to do so at the contractor's risk and expenses and without prejudice to any other right.

14.NOT COVERED UNDER GUARANTEE:-

- (i) Consequential losses and damages.
- (ii) Parts subject to normal wear and tear such as electrical contacts.
- (iii) Failure of parts due to corrosive atmosphere.

15.The list of approved make of various items is as per Annexure 'VI'

16. THE FIRM SHOULD NOTE THAT THE OFFERS WITH CONDITIONS INCLUDING THAT WITH CONDITIONAL REBATES WILL BE SUMMARILY REJECTED.

17. The contractor shall ensure fulfillment/compliance of the provisions of EPF & Misc. Provisions Act 1952 & Employees Provident Fund Scheme 1952 in respect of labourers / employees engaged by them for performing the works of BSNL.

18. The Contractor shall not be permitted to tender for works in telecom circle of BSNL in which his near relative (s) (directly recruited or on deputation in BSNL) is/are posted in any capacity either non-executive or executive employee in that Circle. Any breach of this condition by any contractor would be sufficient to debar from enlistment.

Note:- The near relatives for this purpose are defined as (a) Members of a Hindu Undivided Family, (b) they are husband and wife, (c) the one is related to the other in the manner as father, mother, son(s) wife (daughter-in-law), daughter(s) and, daughter's husband (son-in-law), brother(s) and brother's wife, sister(s) and sister's husband (brother-in-law).

The certificate (As per Annexure-IX) shall be given by the proprietor in respect of proprietorship firm, by all the partners in respect of partnership firm and in respect of a limited company by all directors of the company. Govt. of India/ Financial Institutions nominees and independent non-official part time Directors appointed by Govt. of India or the Governor of the State and full time Directors of PSUs both State and Central are excluded from the purview of the above provisions.

19. The competent authority on behalf of the BSNL does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of a reason. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected.

20. The competent authority on behalf of BSNL reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

21. As per the instruction of GOI, the MSME registered vendors are exempted from payment of EMD & TC up to the time frame mentioned in the GOI instruction.

22. TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR:

Without prejudice of any of the rights or remedies under this contract, if the contractor dies, the Engineer in charge on behalf of the BSNL shall have the option of terminating the contract without compensation to the contractor.

23. INDULGING OF CONTRACTOR IN CRIMINAL/ANTISOCIAL ACTIVITIES AND CASES UNDER INVESTIGATION/CHARGE SHEETED BY CBI OR ANY OTHER GOVERNMENT AGENCIES ETC.: If the CBI/Independent External Monitor (IEM)/Income tax/Sales Tax/Central Exercise/Custom Departments recommends such a course-Action will be taken as per the directions of CBI or concerned department.

LIST OF APPROVED MAKES- BSNL ELECTRICAL WING

| S. No. | Item | Makes |
|--------|--|--|
| 1 | Engine | Ashok Leyland /Cummins/ Cater pillar / KOEL/ Volvo Penta / Mahindra & Mahindra (up to 40 KVA) /Escorts (up to 30 KVA)/ Eicher (up to 20 KVA) |
| 2 | Alternator(Brushless) | Crompton Greaves (AL. series) / KEC / Leroy Somer / Stamford/Jyoti Ltd |
| 3 | Battery (Lead Acid / Mntc. Free) | Amara Raja / AMCO / Farukawa / Hitachi / Exide/ Prestolite / Standard |
| 4 | HV Switchgear (Vacuum Circuit Breaker/SF6) | Biecco Lawrie / Crompton / Kirloskar / MEI / Jyoti Ltd |
| 5 | Transformer (Oil filled / Dry type) | ABB / Schneider Electric /Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar / Siemens |
| | a) Above 400 KVA | |
| | b) Up to 400 KVA | In addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear |
| 6 | Air Circuit Breaker | L&T/ Schneider Electric / Siemens |
| 7 | MCCB(lcs=Icu) | L&T/ Schneider Electric / Siemens |
| 8 | SDF units | L&T/ Schneider Electric / Siemens/ HPL/Havells |
| 9 | Power Contactors | L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) |
| 10 | Change Over Switch | HPL / Havells / H-H Elcon |
| 11 | Intelligent APFC Relay | L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB |
| 12 | Bus Bar Trunking/ Sandwiched Bus Duct | Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta |
| 13 | Power Capacitors (MPP/APP) | L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati |
| 14 | Digital/ KWHr meter | Schneider Electric/ AE/ Digitron / IMP/ Mecos / Rishabh / Universal/HPL/L&T/ABB |
| 15 | Cold shrink HT/LT Cable Joint | Denson / 3M(M-Seal)/ Raychem |
| 16 | Rubber Matting | ISI mark |
| 17 | MCB/ Isolator /ELCB/RCCB/ Distribution Board | Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL |
| 18 | MS/ PVC Conduit | ISI mark |
| 19 | Cable Tray | MEM/Bharti/Ratan/Slotco/Profab |
| 20 | HT/LT Cables | ISI mark |
| 21 | PVC insulated copper conductor wire | ISI mark |
| 22 | Centrifugal Pump | Amrut / BE / Beacon / Batliboi / Crompton / Jyoti / Kirloskar / KSB / Mather & platt / WASP/Grundfos |
| 23 | Submersible Pump | Crompton/Amrut / BE / Calama / Kirloskar / KSB |
| 24 | Motors | ABB/ Bharat Bijlee / Crompton Greaves / Schneider Electric / HBB / KEC / Siemens/Jyoti Ltd |
| 25 | Fresh Air Fans | GE / Khaitan/Almonard/Crompton |
| 26 | Starter | ABB / BCH / Schneider Electric / L&T / Siemens / |
| 27 | Single Phase Preventer | L&T / Minilec / Siemens / Zerotrip |
| 28 | GI/MS Pipe | ATC / ATL / BST / GSI / ITC / ITS / IIA / JST / Jindal / TTA / Tata/Zenith |
| 29 | Foot Valve | ISI mark |
| 30 | Gate Valve | Advance/Audco/Johnson Controls/Zoloto/Annapurna / Fountain / Kirloskar / Leader / Sant / Trishul |
| 31 | Compressors | Carrier/Emerson copeland/York/Danfoss (for chillers only) |
| 32 | Resin Bonded Glass wool | Fibre Glass / Pilkington / UP Twiga |
| 33 | Expanded Polystyrene | BASF(India) Ltd. |
| 34 | Gauge | Feibig / H.Guru / Pricol |
| 35 | Controls | FLICA / Honeywell / Indfoss / Penn- Danfoss / Ranco / Ranutrol / Sporland |
| 36 | Fine Filters | Aniflra Effluent / ARW / Athlete/ Airtake/ Dyna / Kirsloskar/ Puromatic/ Purafill/ Purolator / Tenacity |
| 37 | GI Sheet | HSU Jindal / National / Nippon Denro / Sail / Tata |
| 38 | Heat Detector | Appollo / Chemtron/ Edward / Fenwal/ Hochiki / Nitton /System Sensor/ Wormald/Honeywell Essar/Notifier |

| | | |
|----|-----------------------------------|--|
| 39 | Ionization Detector | Appollo / Cerebrus / Edward/ /Fenwal / Hochiki / Nitton / System Sensor / Wormald |
| 40 | Photo Electric Smoke Detector | Appollo / Cerebrus / Edward / Fenwal/Hochiki / Nitton / Wormald |
| 41 | Fire Panel (Microprocessor based) | Agni Instruments / Agni Devices/ Aruna/Agencies/ Carmel Sensor / Ravel Elect./Honeywell Essar/Notifier/Navin Systems |
| | | |
| 42 | Sprinkler/ Hose Reel & Hose Pipe | ISI mark |
| 43 | Fire Extinguisher | ISI mark |
| 44 | Lift | OTIS, Kone, Mitsubishi , Schindler,Johnson |

NOTE:

1. In case of External / PMC works, the list of approved makes may be modified as per client's requirement.
2. The accessories such as CT/PT/measuring instrument/relays provided by approved make in respect of Transformer/HT Panel/DG /AC Package Units as supplied by approved manufacturer along with the equipments are also acceptable in addition.
3. Any additional makes may be approved by concerned PCEs/Sr CEs/CEs(Elect) for the work under his jurisdiction as already accorded vide letter no. 3-2-5/EW/VEP-1/2007 dated 05-07-2007.

SPECIFICATION FOR THE WORK

1. The work shall be carried out as per current CPWD specifications for Electrical works as amended from time to time and Indian Electricity Rules as amended up to date.
2. The work shall be supervised by a qualified technical staff.
3. Layout of the work will be given by the Engineer in charge or his duty authorized representative at the site of work.
4. Earthing sets work shall be carried out in the presence of the Engineer-in-charge or his authorized representative.
5. samples of all the materials, fittings accessories switch gears etc ., shall be approved from the Engineer-in-charge before using the same on the work. Rejected material shall be removed immediately form the site of work.
6. The contractor will have to carry out the following test at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account.
 - 1) earth test
7. Any damages done to the building by the contractor during the executing of the work shall have to be made good at his cost and risk. If it is not done within a reasonable time determined by the Executive Engineer (E) then the same will be got done at his cost departmentally after giving notice to him.
8. The contractors will have to make arrangements to take the materials to site of work at his own cost and risk. Octroi if paid by the contractor for the materials supplied by the Department can be claimed by his against the original vouchers.
9. The contractor shall submit the completion plan as required vide general specifications for electrical works. Part-I (internal) & part – II (external) as applicable within 30days the completion of the work. In case of contractor fails to submit the completion plan as aforesaid he shall be liable to pay sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 2500/- as may be fixed by the S.E. (E).

Sub Divisional Engineer (E)
BSNL Electrical Sub Division-I,
Vijayawada

Schedule of Quantities.

Name of Work: Providing Lightning Spike, Equipment Earthing and other minor Electrical works for NBSNL Cell BTS at SE Electrical Office KR5572, (APCPDCL) Vijayawada.

| S.No | DESCRIPTION OF ITEMS | Qty | RATE | UNIT | AMOUNT |
|------|--|-----|------|------|--------|
| 1 | Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc. (but without charcoal/ coke and salt) as required | 1 | | Job | |
| | | | | | |
| 2 | Providing and fixing lightning conductor finial made of 25mm dia 900 mm long GI pipe (B-class) having single prong at top with 150mm dia 10mm thick GI base plate and suitable size hylum sheet including holes etc.as required. | 1 | | Each | |
| | | | | | |
| 3 | S&F of 25x5 mm GI strip on surface / in recess including cutting, bending, drilling holes etc. for earth connections etc. as required. (Horizontal run/Earth pits) | 20 | | Mtr | |
| | | | | | |
| 4 | S&F of 25x5 mm GI strip on surface / in recess including cutting, bending, drilling holes etc. for earth connections etc. as required. (Vertical run) | 30 | | Mtr | |
| | | | | | |
| 5 | Providing and fixing earth bus of size 32 mm x 6 mm GI strip of 30 cm long on surface for connections including porcelain insulators, clamps and screws etc as required. | 1 | | Each | |
| | | | | | |
| 6 | Supplying & fixng of 3mm thick GI / MS Brackets of 300mm width (min) flat and 300mm U type clamp on pole for laying of earth strip along with RED color DMC/ SMC Earth strip insulator for 25x5mm GI strip on surface of wall/ Clamp with suitable screws/bolt nuts etc as required. | 6 | | Job | |
| | | | | | |
| 7 | Supplying & fixing of the PVC Syntex Junction Box of size approx 550mm(H) x 450mm(W) x 150mm (D) with openable door on surface of wall / on existing MS angle as required. The Box should be of suitable size to fix 3 phase Energy meter with proper clearances. | 1 | | job | |
| | | | | | |

| | | | | | |
|-----------------------------|---|---|--|-----|--|
| 8 | Supplying and fixing metal box of 180 mm X 100 mm X 60 mm deep (nominal size) on surface along with 15 A sockets etc complete as reqd | 2 | | job | |
| | | | | | |
| Net cost without GST | | | | | |
| Add SGST @9% on Net Amount | | | | | |
| Add CGST @ 9% of Net Amount | | | | | |
| Grand Total | | | | | |

TOTAL AMOUNT IN RUPEES (

CONTRACTOR

Sub Divisional Engineer (E)