

# भारत संचार निगम लिमिटेड

(भारत सरकार का उद्यम)

## BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)

Name of work: - **Repairing & overhauling of 30 KVA DEA set at BTS Ladraur SSA Hamirpur .**

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It is certified that this NIT contains 30 pages.

<p>Office of The Executive Engineer (E), BSNL Electrical Division Dharamshala. Tel.No. 01892-223301, 01892-222501(Fax).</p>		<p>भारत संचार निगम लिमिटेड (भारत सरकार का उपक्रम) <b>BHARAT SANCHAR NIGAM LIMITED</b> (A Govt. of India Enterprise)</p>
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**Name of Work: - Repairing & overhauling of 30 KVE DEA set Model G-30 at BTS Ladraur SSA Hamirpur .**

Tender No. :- **01/EE/E/BSNL/ED/DMA/ TENDER /2017-18**

Name of Agency :-

Cost of Tender :- Rs.171.00.00

### **UNDERTAKING**

It is undertaken that we have gone through all the clauses /sub-clauses & terms & conditions of the PWD-7 & PWD -8 forms. We abide by that & we understand that the same shall be part & parcel of the agreement.

Signature of Contractor

Executive Engineer (E),  
BSNL Electrical Division,  
Dharamshala (HP).

**CORRECTION SLIP-1**

Addendum / Modification to CPWD-8 and CPWD-6 forms conditions of contract definitions

**All reference to:-**

- (I). CPWD/ Public Work Department / P&T Department.
- (ii). D.G Works Additional Chief Engineer CPWD / Chief Engineer of Zone.
- (iii). Administrative Head of CPWD / P&T Department.
- (iv). CPWD Circle / Civil Circle.
- (v). Ministry of Works, Housing & Supply/D.O.T.
- (vi) Govt.Of India. / President of India.
- (vii) For and on behalf of President Of India / for and on behalf of Govt. Of India.

**In various clauses shall be taken to mean:-**

- (i).B. S. N. L. (Elect. Wing. )
- (ii). Chief Engineer (Electrical), B.S.N.L.
- (iii). Administrative Head of B.S.N.L.
- (iv). B.S.N.L. Electrical Circle
- (v). B.S.N.L. (Govt. of India Enterprises).
- (vi) B.S.N.L.
- (vii) For and on behalf of B.S.N.L.

**Executive Engineer (E)**  
BSNL Electrical Division  
Dharamshala 176215

## WEB NOTIFICATION

The Executive Engineer (E) B.S.N.L., Electrical Division, HPO Building, Near BSNL CSC, Dharamshala-176 215, invites on behalf of Bharat Sanchar Nigam Limited sealed item rate tenders for the work of :--

“Repairing & overhauling of 30 KVA DEA set at BTS Ladraur SSA Hamirpur .”

Last date of receipt of application up to **22.04.2017( 5.00 P.M.)**

For further details please visit our Web Site. [www.hp.bsnl.co.in](http://www.hp.bsnl.co.in)

Executive Engineer (E)  
BSNL, Electrical Division  
Dharamshala

## TENDER NOTIFICATION

The Executive Engineer (Electrical) B.S.N.L. Electrical Division DHARAMSHALA, invites on behalf of Bharat Sanchar Nigam Limited sealed item rate Short term tenders for the following work from the contractors satisfying the under mentioned eligibility conditions.

Name of Work	Estimated Cost (Rs)	EMD (Rs)	Last Date of Receipt of Application (upto 5PM)	Last Date & Time Of Sale of tender document (upto 4PM)	Last Date of Receipt of tender documents (upto 3PM)	Date of Tender Opening (3.30PM)	Time for Completion
<b>Repairing &amp; overhauling of 30 KVA DEA set at BTS Ladrour SSA Hamirpur</b>	Rs. 67055.00	Rs. 1,341.00	22.04.2017	24.04.2017	26.04.2017	26.04.2017	15 days

### Eligibility Conditions

- **Average annual turnover during the last 3 years, ending 31 1<sup>st</sup> march of the previous financial year, should be at least 30% of the Estimated Cost.**

**And**

- The manufacturer/authorized dealer/OEM of any of the makes of major equipment included in the NIT. The letter of authorization from manufacturer in original/photocopy attested by BSNL Executive will be submitted.

OR

- Experience of having successfully completed similar works in BSNL during last 7 years ending last day of month previous to the one in which applications are invited , should be either of the following

- **Three similar successfully completed works costing not less than the amount equal to 40 % of the estimated cost put to tender i.e. Rs. 26,822/-**

OR

- **Two similar successfully completed works costing not less than the amount equal to 60 % of the estimated cost put to tender Rs. 40,233/-.**

OR

- **One similar successfully completed works costing not less than the amount equal to 80 % of the estimated cost put to tender i.e. 53,644/-**

OR

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

- The firm should be registered under the Himachal Pradesh Value Added Tax Act 2005 and should further have EPF and ESI registration certificates from appropriate Govt. authorities.
- The firms who claims to be exempted from the ESI & EPF registration need to submit an affidavit on Non-judicial stamp paper for the same as per performa at **PAGE NO.29**
- The contractor who are not registered under Himachal Pradesh Value Added Tax Act 2005 may bid for the contract however such contractors will have to get himself registered within 15 days from the date of issue of intimation from BSNL regarding intent to accept the tender, else their EMD shall be forfeited absolutely and the firm shall not be allowed to participate in the next tender for the same work. The firm shall give an affidavit as per proforma at page no.30 in this regard.

- The Firm should have service tax registration.
- Documentary proof of satisfying eligibility and Copy of acknowledgement of income Tax Return /Chartered Accountant certificate for last three years to be furnished along with the application on printed letter heads

### **BID DOCUMENTS**

The tender documents consisting of Specifications, Schedule of quantities of the work to be done and the set of terms & conditions of the contract to be complied with by the contractor whose tender may be accepted and all other relevant information/ documents pertaining to the work can be downloaded for quoting the tender from our website [www.hp.bsnl.co.in](http://www.hp.bsnl.co.in).

### **ALTERNATIVELY**

The tender documents consisting of Specifications, Schedule of quantities of the work to be done and the set of terms & conditions of the contract to be complied with by the contractor, whose tender may be accepted and all other information / documents pertaining to the work will be open for inspection by tenderers and can be had from the Office of [Executive Engineer \(E\) BSNL Electrical Sub Division Dharamshala](#), between 11:00 Hrs to 16:00Hrs on every working day except on Sundays and public holidays.

The cost of tender documents deposited along with application for tender issue shall not be refunded, even if bidder is found ineligible for issue of tender documents.

### **TESTIMONIALS: -**

The firms shall submit application for issue of tender documents on its printed letter- head along with following:

Copy of PAN card issued by Income Tax department.

Certificate as per Annexure- I about relative not working in BSNL Unit.

Copies of the documents in support of fulfilling the eligibility criteria as per Clause- 2.0 above submitted by the firm shall be self attested as well as certified by any BSNL Executive/notary.

Copy of License and Enlistment order.

Cost of Tender documents **Rs.171.00.00** (Non Refundable)

Note: - 1. If Tender documents submitted are downloaded from internet and the self attested documents are not certified by BSNL Executive/notary, then original documents shall be produced at the time of Tender opening.

### **SUBMISSION OF TENDERS:**

The bids shall be submitted as per Two Envelope system described below:

The tenderer shall submit the tender in two nos. sealed Envelopes marked as Cover 1<sup>st</sup> and Cover 2<sup>nd</sup>. Both the cover should be separate and they should not be enclosed in a common 3<sup>rd</sup> cover. The name of the work, Name of tenderer, last date of receipt of tender should be mentioned on each envelope.

The envelope-I shall contain the following:

In case tender documents got issued from Division office: The first cover should contain the following.

The first cover should contain the Earnest money deposit in the form of CDR/FDR/DD/BG of a scheduled Bank or Nationalized Bank /State Bank guaranteed by Reserve Bank of India drawn in favour of **Accounts Officer (Cash), BSNL, Hamirpur** (Performa as per Annexure-II).

In case tender documents are downloaded from the internet: - The first cover should contain the following.

**(a) Tender Cost:-** Cost of tender documents ( which shall not be refunded, even if bidder is found ineligible for issue of tender documents) in the form of a separate Demand Draft of a scheduled Bank or Nationalized Bank /State Bank guaranteed by Reserve Bank of India drawn in favour of **Accounts Officer (Cash), BSNL, Hamirpur**.

**(b)Eligibility criteria documents:-**The following documents are required to submit.

(i) Copy of PAN card issued by Income Tax department.

(ii) Certificate as per Annexure- I about relative not working in BSNL Unit.

(iii) Documents in support of fulfilling the eligibility criteria as per Clause- 2.0 above.

(vii) Copy of License and Enlistment order or Copies of the documents in support of fulfilling the eligibility criteria as per Clause- 2.0 above

Note:-The credentials shall be self attested as well as certified by any BSNL Executive/notary. If the credentials are not certified by BSNL Executive/notary, then original documents shall be produced at the time of tenders opening.

**(C) EMD:** - Earnest money in the form of CDR/FDR/DD/BG of a scheduled Bank or Nationalized Bank /State Bank guaranteed by Reserve Bank of India drawn in favour of **Accounts Officer (Cash), BSNL, Hamirpur**. (Performa as per Annexure-II). In case 1st cover is not annexed or tender cost, EMD, Eligibility documents etc. not found in proper form, the 2nd cover containing tender documents will not be opened at all.

The envelope-II shall contain the following: -

Tender document containing terms & conditions, Specifications, schedule of quantities etc. complete as the original tender documents got issued from BSNL or downloaded from the internet. The rates and amounts should be filled only in the schedule of quantities attached thereto.

Tender opening: -

Tenders, which should always be placed in sealed envelope, in the manner detailed at Para no.5.0 above, will be received and opened on the due dates in BSNL, Electrical Sub Division, BSNL CSC Building Dharamshala H.P. 176215 up to 15:00 Hrs& 15:30 Hrs. respectively by Executive Engineer (E) or his authorized representative in his office.

Envelope-I containing earnest money, tender cost and documents pertaining to eligibility etc. (As per clause 5.3 above) shall be opened first on the due date.

In case Envelope-I is not annexed or tender cost, EMD, Eligibility documents etc. not found in proper form, the Envelope-II containing tender documents will not be opened at all and such unopened tender shall be returned on spot to the bidder or his representative during the process of opening of tenders. The cost of tender documents deposited for tender issue/Demand Draft along with downloaded tender shall not be refunded, even if bidder is found ineligible.

After the opening of Envelope-II of eligible bidders, the Tender documents containing terms & conditions, specifications and Schedule of quantities etc. shall be evaluated by BSNL.

If a holiday is declared on the tender opening day, the tenders will be opened on the next working day.

The tender should be properly bound and sealed. In case of loose/spiral bound submission of tender, the tender shall be liable for rejection. (In case of the downloaded tender documents from the internet).

Every page of downloaded tender shall be signed by the tenderer with stamp (seal) of his firm/organization and the tenderer shall furnish a declaration" that No addition/ deletion/ correction have been made in the tender document, submitted and it is identical to the tender document appearing on website.(In case of the downloaded tender documents from the internet)".

If it is found at any stage of tender scrutiny after submission of tender that the bidder has made any correction/addition/alternation/omission in tender documents vis-à-vis tender documents available on the website/original draft NIT in office, the bid shall be treated as non responsive and shall be summarily rejected and the EMD deposited by tenderer shall be forfeited in addition to any other action as per prevalent rules.

The conditional tender or tenders with conditional rebate shall be summarily rejected. However tenders with unconditional rebate will be considered.

The tenderer shall submit the original computer printout of the tender documents downloaded from the internet. The photocopy shall not be accepted. The tender documents shall not be issued / sent through Post / Courier. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

**Executive Engineer(E)  
BSNL Electrical Division,  
Dharamshala**



SECTION-II (Annexure-I to III)

## ANNEXURE-I

Certificate in respect of relative(s) being Non BSNL Employee :

“ I \_\_\_\_\_ S/ o \_\_\_\_\_  
r/o \_\_\_\_\_ hereby certify that none of  
my relative(s) as defined below / 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  
information to me”

**Signature & seal of contractor(s)**

## NOTE:-

(i) 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).

(ii) The near relatives for this purpose are defined as under:

- 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 certificate shall be given by all the partners for partnership firm and in case of limited company by all the directors of the company. Any breach of these conditions by the company or firm or any other person, 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 damage 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.

**ANNEXURE-II****MODEL FORM OF BANK GUARANTEE**

BANK GUARANTEE BOND FOR EMD FOR AIR CONDITIONING, DIESEL ENGINE ALTERNATOR, LIFTS AND SUB-STATION WORKS WHEREVER THE AMOUNT OF EMD IS MORE THAN Rs. 20,000/-

Whereas \_\_\_\_\_ (here in after called" the Contractor(s)" has submitted its Tender dated \_\_\_\_\_ for \_\_\_\_\_ (Name of work) \_\_\_\_\_.

**KNOWN ALL MEN** By these presents that We \_\_\_\_\_ of \_\_\_\_\_

having our registered office at \_\_\_\_\_ (here in after called " The Bank") are bound up to \_\_\_\_\_ (here in after 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 OBLIGATIONS ARE:-**

1. If the Contractor(s) withdraw 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 the 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 III****MODEL FORM OF PERFORMANCE GUARANTEE**

**1.0 BANK GUARANTEE BOND FOR PERFORMANCE GUARANTEE FOR ELECTRICAL INSTALLATION/O&M/AIR CONDITIONING, DIESEL ENGINE ALTERNATOR, LIFTS AND SUB-STATION WORKS etc.**

Whereas..... (here in after called" the Contractor(s)" has submitted its Tender dated \_\_\_\_\_ for \_\_\_\_\_ (Name of work) and

Whereas..... (here in after called" the Contractor(s)" has been communicated the acceptance of its tender dated \_\_\_\_\_ for \_\_\_\_\_ (Name of work) vide letter No. \_\_\_\_\_ dated \_\_\_\_\_ by BSNL.

KNOWN ALL MEN By these presents that We \_\_\_\_\_ of \_\_\_\_\_ having our registered office at \_\_\_\_\_ (here in after called " The Bank") are bound up to \_\_\_\_\_ (here in after 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.

**2.0** We (name of the bank) \_\_\_\_\_ do hereby undertake to pay the amounts due and payable under this guarantee without any demure, 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 \_\_\_\_\_.

**3.0** We undertake 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.

**4.0** 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 the agreement) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.

**5.0** 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.

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

**7.0** 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****B.S.N.L EW.- 6****NOTICE INVITING TENDER**

Item rate tenders are invited on behalf of the Bharat Sanchar Nigam Limited from eligible contractors for the work “Repairing & overhauling of 30 KVA DEA set at BTS Ladraur SSA Hamirpur .”

The work is estimated to cost: Rs. 67,055/-  
(This estimate, however is given merely as a rough guide)

- 1- Tenders will be issued to eligible. Contractors.
- 2- Agreement shall be drawn with the successful tenderer on prescribed Form No. 8 which is available as a Govt. of India Publication; Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 3- The time allowed for carrying out the work will be 15 days after the date of written orders to commence the work or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any indicated in the tender documents.
- 4- The site for the work is available.

OR

The site for the work shall be made available in parts:-

5. Receipt of applications for issue of forms will be stopped by 17:00 Hrs. on 22.04.2017  
Issue of tender forms will be stopped by 16:00 Hrs. on 24.04.2017

Tender documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary document can be seen in the office of the E.E (E), B.S.N.L. ELECTRICAL DIVISION, hpo Building, Near BSNL CSC, Dharamshala-176 215 between hours of 11.00 A.M. & 04.00 P.M. every day except on 2<sup>nd</sup> Saturday, Sunday and Public Holidays. Tender documents, excluding standard form No. 8 will be issued from this office, during the hours specified above on payment of Rs.171.00.00 inclusive of sale tax (non- refundable) in cash/DD .

Note:- Tender documents can also be downloaded from the web site

[www.hp.bsnl.co.in](http://www.hp.bsnl.co.in)

<http://hp.bsnl.co.in/circle/tenders.list?unit=electrical> 20-10-2015 (1/1)-IV pdf

- 6- The tenders must produce a Chartered Accountant certificate in the revised form as modified under Ministry of Finance CBDT circular No. 153/191/2002-TPL dated 13-02- 2003 as amended from time to time before papers can be sold to him.
- 7 - The tender, which should always be placed in sealed envelope with the name of work and due date written on the envelopes, will be received by the E.E (E), B.S.N.L. ELECTRICAL DIVISION, HPO Building, Near BSNL CSC, Dharamshala-176 215 upto 03.00 P.M. on 26.04.2017 and will be opened by him or his authorised representative in his office on the same day at 03.30 P.M.
- 8- The tender shall be accompanied by earnest money, (unless exempted) of Rs. 1341/- in Receipt Treasury Challan/ deposit at Call Receipt of a scheduled Bank/FDR issued in favour of A.O (Cash),BSNL, Hamirpur the amount being credited to Nationalized Bank.  
The description of the work is as follows :- “Repairing & overhauling of 30 KVA DEA set at BTS Ladraur SSA Hamirpur.”
- 9- Copies of other drawings and documents pertaining to the work will be open for inspection by the tenderers at the office of the above mentioned officer. Tenderer are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may requisite and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all

- materials, tools & plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
- 10- The competent authority on behalf of the B.S.N.L. does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all the tenders received without the assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or are incomplete in any respect are liable to be rejected. Conditional tenders or tenders with conditional rebate shall be summarily rejected.
- 11- Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- 12- The competent authority on behalf of the B.S.N.L. 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.
- 13- The contractor shall not be permitted to tender for works in the B.S.N.L Electrical Zone (Responsible for Award and execution of contracts) in which his near relative is posted in any capacity in BSNL in that zone. He will also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any person employed in BSNL, in that zone. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of BSNL
- 14- No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractors' service.
- 15- The tender for the works shall remain open for acceptance for a period of Ninety (90)days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the B.S.N.L., then the B.S.N.L. shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.
- 16- The Notice Inviting Tender shall form a 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 BSNL EW Form-8

**SECTION-III (item Rate Tender & Contract for Works)****BSNL EW TENDER FORM (BSNL EW-8)****BHARAT SANCHAR NIGAM LIMITED****(A GOVERNMENT OF INDIA ENTERPRISE)****O/O Sub Divisional Engineer (E) BSNL Electrical Sub Division Dharamshala (HP) 176215**

STATE: HIMACHAL PRADESH

CIRCLE: SHIMLA

BRANCH: TELECOM ELECTRICAL SUB DIVISION

SUB DIVISION: DHARAMSALA

**Item Rate Tender & Contract for Works**

Tender for the work of: **Repairing & overhauling of 30 KVA DEA set at BTS  
Ladraur SSA Hamirpur**

(i) To be submitted by **15:00 Hrs. on 26.04.2017** to the **O/O Executive Engineer (E) BSNL Electrical Division Dharamshala (HP) 176215**

(ii) To be opened in presence of tenderers who may be present at **15:30 Hrs. on 26.04.2017** in the **O/O Executive Engineer (E) BSNL Electrical Division Dharamshala (HP) 176215**

**TENDER**

1. I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F, Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & 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 the BSNL within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable
3. We agree to keep the tender open for 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.171.00 (Rupees Five Hundred fifty five Only) is hereby forwarded in the form of CDR of a Scheduled Bank/Fixed Deposit Receipt /Pay Order of a Scheduled Bank/Demand Draft of a Scheduled Bank as earnest money. If I/we fail to furnish the prescribed performance guarantee within prescribed period, I/we agree that the said BSNL or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, If I/we fail to commence work as specified, I/we agree that BSNL or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit 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, up to maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.
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 up to 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 clauses 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 contact 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. If I/we fail to furnish the valid EPF registration within prescribed period, I/we agree that the said BSNL or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the earnest money absolutely.
8. 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 a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the Safety of the State.
9. I/We 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/us is false/incorrect, BSNL shall have the absolute right to take any action as deemed fit/without any prior information to me
10. I/we abide by the original CPWD/BSNL EW- 8 form referred to in the tender document.

**Dated:**

**Signature of Contractor:**

**Name of Signatory:**

**Postal Address:**

**Seal of Agency if any:**

**Witness:**

**Address:**

**Occupation:**

**ACCEPTANCE**

The above tender along with the letters mentioned hereunder is accepted by me for and on behalf of the Bharat Sanchar Nigam Limited

for sum of Rs \_\_\_\_\_ (Rupees \_\_\_\_\_)

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

a) \_\_\_\_\_

b) \_\_\_\_\_

For and on behalf of BSNL

Signature \_\_\_\_\_

Designation \_\_\_\_\_

Dated \_\_\_\_\_

PROFORMA OF SCHEDULES
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**PROFORMA OF SCHEDULES**

(Operative Schedules to be supplied separately to each intending tenderer)

**SCHEDULE 'A'**

Schedule of quantities (as per PWD-3)

**(a) SCHEDULE 'B'**

Schedule of materials to be issued to the contractor.

S.No.	Description	Quantity	Rates in figures & Words at which the Material will be charged	Place of Issue of item
-------	-------------	----------	--	---------------------------

to the contractor

1	2	3	4	5
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1. -----as per NIT-----

**(b) SCHEDULE 'C'**

Tools and plants to be hired to the contractor.

Sl.No.	Description	Hire charges per day	Place of Issue
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1	2	3	4
---	---	---	---

1 -----NIL-----

**(c) SCHEDULE 'D'**

Extra schedule for specific requirements/document for the work, if any. ---nil---

**(d) SCHEDULE 'E'**

Schedule of component of Materials, Labour etc. for escalation.

**(i) CLAUSE 10 CC NOT APPLICABLE**

Component of materials- expressed as per cent of total value of work.	"X" -----NA-----	_____ %
Component of labour- expressed as per cent of total value of work.	"Y" -----NA-----	_____ %
Component of P.O.L. expressed as per cent of total value of work.	"Z" -----NA-----	_____ %



<u>SCHEDULE 'F'</u> Reference to General Conditions of contract.	
Name of work:	<b>Repairing &amp; overhauling of 30 KVA DEA set at BTS Ladrour SSA Hamirpur</b>
Estimated cost of work:	<b>Rs. 67,055/-</b>
i) Earnest money :	<b>Rs. 1341/-</b>
ii) Performance Guarantee :	5% of tendered value of work.
iii) Security Deposit :	5 % of the tendered value of the work.
GENERAL RULES and DIRECTIONS:	Officer inviting tender: EE (E), BSNL Electrical Division, <b>Dharamshala-176215</b> Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with clauses 12.2 and 12.3.
Definitions:	See below
2(v) Engineer-in-Charge	Concerned Executive Engineer (E), BSNL Electrical Division. Dharamshala
2(viii) Accepting Authority	EE (E), BSNL Shimla.
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	10%
2(xi) Standard Schedule of Rates	NA
2(xii) Department	BSNL
9(ii) Standard CPWD contract Form	BSNL EW Form 8 as modified and corrected up to date.
Clause 1 i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days ii) Maximum allowable extension beyond the period provided in I) above in days	14 Days
Clause 2 Authority for fixing compensation under Clause 2.	SE (E)
Clause 5 Time allowed for execution of work.  Authority to give fair and reasonable extension of time for completion of work.	<b>15 days after written orders to commence the work</b>  SE (E), BSNL Shimla.

Clause 11 Specifications to be followed for execution of work	Specifications as per Contract Document with Schedule of work.
Clause 12 12.2(iii) Schedule of rates for determining the rates for additional, altered or substituted items that cannot be determined under 12.2.(i) & (ii)	NIL
Clause 12 12.2(iii), plus/minus $\pm$ the % over the rate entered in the schedule of rates	NA
Clause 12 Deviation Limit beyond which clauses 12.3 shall apply	25%
Clause 25 Competent Authority for Conciliation	<b>SE (E), BSNL Shimla.</b>
Clause 30.2 Minimum Qualifications and experience required for Principal Technical Representative.	
i) For works with estimated cost put to tender more than ( Rs. 2 lac but less than Rs.5 Lac for Elect/ Mech. Works)	Recognized diploma holder
ii ) For works with estimated cost put to tender more than Rs. 5 lac for Elect/ Mech. Works	Graduate or recognized diploma holder with 3 years experience
Clause 30.5 Recovery to be effected from the contractor in the event of not fulfilling provision of clause 30.2	Rs.4,000/- p.m. for works costing above 5 lac Rs.2,000/- p.m. for works costing between 2 lac and 5 lac

## IMPORTANT NOTE FOR CONTRACTORS

The contractor shall read carefully the following conditions and shall quote accordingly.

### 1.0 Tax and Duties:-

1.1 All taxes, Levies, duties etc. in respect of this contract (i/c service tax) payable by the vendor & BSNL will not entertain any claim in respect of the same.

1.2 BSNL shall deduct statutory taxes and duties like income tax, works contract tax etc. from payment due to the firm as per rule of the State. Central Government. The Accounts Officer of the concerned SSA shall issue certificates for such deductions to the firm.

1.3 As per Govt. of India Service Tax (Determination of Value) Rules 2006, Service Tax for original works is applicable on 70% of the total amount charged for the works contract. At present, the rate of Service Tax is @15% and shall be applicable as being modified by Govt. Of India time to time.

### 2.0 Work Contract Tax:-

The rates offered by the firm shall be inclusive of the works contract tax as applicable in the state. The Department shall deduct works contract tax from payments due to the firm as per rules of the state Government. Certificates for such deductions shall be issued to the firm by the Accounts Officer of the concerned SSA..

### 3.0 Octroi Certificate:-

“No octroi exemption certificate will be issued by the department”.

4.0 Department reserves the right to accept the quantities in full or in parts.

5.0 SPLITTING OF WORKS:- Nil 100 % work shall be awarded to lowest tenderer.

### 6.(a) “VARIATION IN EXCISE DUTY” :

Tendered rates are inclusive of taxes and statutory levies payable under the Respective statutes. However pursuant to the constitution (Forty Six 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 also paid provided such payment if any is not in the opinion of SE (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor (s).

6.0 (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 information/documents as the Engineer-in -charge may require.

6.0(c) The contractor (s) shall within a period of 30 days of imposition of any further tax or levy pursuant to the constitution (Forty Six 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.

**NOTE:-** No additional condition whatsoever will be accepted for turnover tax/sales tax on works contract . In case of additional conditions for the payment of such claims by the contractor the tender may be liable to be summarily rejected by the accepting authority.(Standing order No. 258)

**7.0 EARNEST MONEY DEPOSIT:**

- 7.1 **Validity period:** The validity period of Earnest Money deposit should be kept 30 days beyond the Tender validity i.e. 90+30=120 days, as the tender validity period is 90 days.
- 7.2 **Extension of Validity period:** In case, where the letter of award of work cannot be placed within the validity period of 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.
- 7.3 **Release of Earnest Money Deposit:** Earnest money deposit of all unsuccessful tenderers shall be released within one week of issue of tender acceptance letter to the successful tenderer. Where the BSNL requests the tenderer to extend the validity of the tender beyond the stipulated period given in the tender documents, and the tenderer refuses to extend the validity of his tender, the earnest money deposit of such tenderers shall be returned forthwith.
- 7.4 In case the work is not started by the contractor within specified time frame, the EMD and full Performance guarantee will be forfeited absolutely.

**8.0 BID OPENING AND EVALUATION:**

- 8.1 The bids shall be opened in the presence of bidders or their authorized representatives, who choose to attend, at 15:30Hrs. On the due date for tender opening. The bidder's representatives, who are present, shall sign in tender opening register.

**9.00 CLARIFICATION OF BIDS:**

To assist in the examination, evaluation and comparison of bids, the purchaser may, at its discretion ask the bidder for the clarification of its bid. The request for the clarification and the response shall be in writing. However, No post bid clarification at the initiative of the bidder shall be entertained.

**10.0 EVALUATION OF BIDS:**

- 10.1 BSNL shall evaluate the bids to determine whether they are complete, whether required sureties, Certificates & testimonials have been furnished, whether the documents have been properly signed and whether the bids are generally in order.
- 10.2 Prior to the detailed evaluation pursuant to **clause-9 below**, the Purchaser will determine the substantial responsiveness of each bid to the Bid Document. For purposes of these clauses, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bid Documents without material deviations. The BSNL's determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.
- 10.3 A bid, determined as substantially non-responsive will be rejected by BSNL and shall not subsequent to the bid opening be made responsive by the bidder by correction of the non-conformity. However, BSNL may waive or seek correction of any minor infirmity or non-conformity or irregularity in a bid, which doesn't constitute a material deviation.
- 11.0 **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 site. Lockable space for storing the material may be provided on request if available. However, safe custody of the material stored at site will be responsibility of the contractor till the completion/ handing over of the work.

**12.0 COORDINATION AT SITE:**

At the site of work more than one agency may be working. Full co-operation shall be extended to other agencies during progress of work. The work will 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 to normal routine work.

**13.0 DATE OF COMPLETION:**

Time allowed for carrying out the work will be 15 days and shall be reckoned from the 10<sup>th</sup> day after issue of this order to commence the work.

**14.0 COMPLETION DRAWING:**

The firm shall supply completion plan within 5 days after completion of the work as detailed under.

- i) Line diagram of power supply/distribution

**15.0 GUARANTEE & DEFECTS LIABILITY PERIOD:**

- i) The guarantee shall be valid for a period of 12 months after completion of work. The contractor shall guarantee that all equipments shall be free from any defect due to the defective material and bad workmanship and also the equipments shall work satisfactorily with performance and efficiencies not less than the guaranteed values.
- ii) Any parts found defective during this period shall be replaced free of cost by the contractor. The services 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 to the site within 24 hours of notification of defects by the BSNL
- iv) The representative of BSNL and the contractor regarding the nature of defects and remedial action required shall prepare a joint inspection report. Time schedule for such action shall also be finalized
- v) In case, the contractor fails to depute his representative within 36 hours of notification of defects or fails to cause remedial measure 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 of the BSNL to recover such expenses.
- vi) Till the installation is complete and handed over to the competent authority, watch and ward of installation set shall be the responsibility of the firm

**16.0 TESTING AT SITE:**

- i) Work is completed after testing of the installation

**17.0 DETERMINATION OF CONTRACT:**

The Engineer-in-charge may determine the contract in respect of any delay, inferior workmanship as per clause 3 of BSNL EW-8 contract conditions.

**18.0 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.

**19. INDULGINH 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 Excise / Custom Departments recommends such course- Action will be taken as per the directions of CBI concerned department.

**20.0 IMPORTANT NOTE:**

The clauses / conditions as modified in the tender shall supersede the relevant clauses/ conditions of BSNL EW-8. The other conditions shall be as per BSNL EW-8 .

**21.0 Performance Guarantee :**

As mentioned at page no. 86 of BSNL EW-8 under Schedule "F" of Performa of Schedule

**22.0 SECURITY DEPOSIT:**

In addition to performance guarantee 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 Contract value of the work. The amount shall be refunded after One Year from the actual date of completion of work

**23 TERMS OF PAYMENT:-**

- a) 80% of prorated of the approved price break-up of contract value on receipt of equipment/ Material at site.
- b) 10% of prorated of the approved price break up of contract value after successful Installation
- c) 10 % of the approved contract value after successful completion of the testing and Commissioning

**Deviation:-**

- a) The ordering quantity can be increased/decreased up to the extent of 25%(deviation limit) without the consent of the firm within the currency of contract. The firm shall execute such quantities at the rate quoted in the tender without any change in terms and conditions of the contract.
- B) In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued supplies from the existing vendors, the purchaser reserves the right to place repeat order up to 50% of the quantities of goods and services contained in the running tender/contract within a period of twelve months from date of award of work at the same rate or a rate negotiated downwardly) with the existing vendors considering the reasonability of rates based on prevailing market

**SCHEDULE OF WORK**

Name of Work:- Repairing &amp; overhauling of 30 KVE DEA set Model G-30 at BTS Ladraur SSA Hamirpur .

S. N.	Description of item.	Quantity		Rate	Amount
	<b>SH-I (Supply Items)</b>				
1	Replacement of following damaged parts of the existing Engine(s) of following make(s) and model(s) complete all as required. <b>Note:</b> - The old damaged parts will be the property of the contractor & the rates may be quoted accordingly).				
<b><u>A</u></b>	<b>Escorts Make Engine, Model G-30</b>				
1	Kit valve inlet & exhaust	1	set		
2	valve-seat	6	Nos.		
3	valve-guide	6	Nos.		
4	valve-stem seal	6	Nos.		
5	cylinder head gasket	1	set		
6	packing kit gasket without head gasket	1	set		
7	piston with gudgen pin	3	Nos.		
8	cylinder linear	3	Nos.		
9	Kit piston ring set	1	set		
10	Connecting Rod bush	3	Nos.		
11	Set of O- ring	1	set		
12	Kit main & connecting rod bearing	1	set		
13	lube oil filter	1	No.		
14	Set of sealing ring ( Copper Washer )	1	set		
15	Element primary filter (air)	1	No.		
16	Elementary secondary filter (air)	1	No.		
17	Air filter assembly	1	No.		
18	Kit fuel filter primary & secondary	1	set		
19	Pump assembly engine oil	1	No.		
20	Seal oil crank shaft rear	1	No.		
21	Seal oil crank shaft front	1	No.		
22	Assembly solenoid for STOP	1	No.		
23	Ring fly wheel gear	1	No.		
24	Hose pipe for radiator upper	1	No.		
25	Hose pipe for radiator lower	1	No.		
26	Hose pipe for radiator middle	1	No.		
27	Hose water pump to thermostat	1	No.		
28	Housing thermostat	1	No.		
29	Set of hose clip	1	set		
30	Lube oil	10	Ltrs.		
				<b><u>TOTAL SH-I</u></b>	
	<b>SH-II (LABOUR JOB)</b>				
1	Labour charges of servicing & overhauling of engine(s) of Kirloskar make model- HA-294/HA494 / Greaves make model- 4YDA MK-II / Mahindra Make model- 4575GM / Escorts Make model G-30 i/c dismantling, replacement of existing faulty parts, cylinder head reconditioning, testing on load i/c supply of diesel for at least four hours testing, complete as required.	1	Jobs		

S. N.	Description of item.	Quantity		Rate	Amount
(a)	Up to 3 cylinders	1	Jobs		
3	Labour charges for Crank shaft Grinding included with engine block line bore, balancing, checking, testing etc. as required for the above make(s) & model(s) of the engine(s) complete etc. i/c transportation from site(s) to workshop(s) & vice versa as required.				
(a)	Up to 3 cylinders	1	Jobs		
				<b>TOTAL SH-II</b>	
				<b>SH-I</b>	
				<b>SH-II</b>	
				<b>TOTAL</b>	
	<b>ServiceTax on Labour Component 100% @ 15 %</b>				
	<b>Grand Total</b>				

(Signature with Seal of Firm)

**Executive Engineer(E)**  
**BSNL Electrical Division,**  
**Dharamshala-176 215**



**SECTION - VI**  
**SPECIFICATIONS**

1. The work shall be done as per the specifications of the Department.
2. The work shall be supervised by the qualified Engineer - in- Charge or his duly authorized representative at the site of work.
3. The layout of the work will be given by the Engineer - in- Charge or his duly authorized Representative at the site of work.
4. Any damage done to the building by the contractor during the execution of work shall be made good by the contractor at his risk & cost, if the damages are not made good by the contractor in Reasonable time determine by the Engineer - in- Charge the same will be got done at his cost Departmentally after serving notice to him.
5. The material used at site of work shall be got approved by the competent authority before its Erection at site.
1. All dismantled material shall be the property of the contractor.
7. The material replaced should be of the same make & modal of the existing.
8. No extra payment will be made for any kind of transportation

**ADDITIONAL SPECIFICATIONS FOR THE WORK (E.I. & FANS)**

- 1 The work shall be done as per 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 over-sear.
- 3 The Engineer-in charge or the duly authorized representative, at the site work, will give the layout of the work.
- 4 The following wiring shall be done in separate circuits.
  - A) Power plug wiring.
  - B) Light and fan point wiring.
  - C) Emergency light and fan point wiring.
  - D) Telephone wiring.
  - E) Circuit wiring.
  - F) Sub main wiring.
- 5 The number of power plug points shall be one per ckt. As in H.P. heater are used on each ckt.
- 6 The earthing sets shall be provided in the presence of the Engineer-in-charge or his authorized representative.
- 7 The contractor will have to submit the completion plan to scale in triplicate in ammonia printed i.e. Blue prints before finally paid, failing which 2.5% of the value of work subject to a ceiling of Rs. 2500/- will be recovered from his final bill.
- 8 **The contractor will have to give the following tests at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this accounts.**
  - A) Earth Test.
  - B) Polarity Test.
  - C) Insulation Test.

- D) Earth continuity test of the recessed conduit pipes.
- 9 Any damage done to the building by the contractor during the execution of work shall have to be made good at his cost and risk. If he does not do it himself within a reasonable time determined by the Executive Engineer (Elect) then the same will be get done at his cost departmentally after giving notice to him.
  - 10 The outlet box is for switches and pipes or conduits etc. For different categories of conduits runs catering for different type of electric wiring as mentioned in clause(4) above shall be painted inside with different colors each signifying the different categories mentioning so as to avoid mixing of various circuits and their wiring and nothing extra will be paid for this account.
  - 11 At the time of laying conduit pipe in the slab and in recess the contractor will keep fish wire of 14 S.W.G. (G.I.) wire through conduit/pipe and will have to take special care so that the conduits do not pass through air conditioning nuts grills, columns, beams etc. If any such necessity is foreseen special written permission of E.E. (Elect) will be obtained before such work is carried out, in case of failure the contractor will not be paid this account. Successful tenderer should recess the conduit in the walls before they are plastered and in collaboration with the cost of the contractor. The conduit/pipes should be mechanically and electrically continues.
  - 12 The Bakelite covers of the tumbler switches; plug & sockets etc. shall not be removed or broken for taking connections. It shall be done at their backs by providing suitable wooden rider in the I.C. boxes, where found necessary. All I.C. boxes for switches, plugs and regulators etc. shall be provided with thick Bakelite sheet covers.
  - 13 The runs of various circuits wiring at various places shall be kept minimum by taking the runs on walls, where crossing column is not necessary. This has to be decided before the casting of slab, so that unnecessary length of conduits is not laid therein.
  - 14 All the I.C. distribution boards, sub main boards and their complete fittings shall be sign written, clearly indicating the number of distribution boards, the socket load it is serving and the number of circuits contained in the distribution box.
  - 15 Underground cables both of 220v and 1.1kv grade should be subjected to pressure/insulation tests before and after laying the same in the ducts. In case of unsatisfactory tests, the cost of all repairs and replacements and all extra work of removal and relaying will have to be done by the contractor at his own risk and cost.
  - 16 The contractors will have to use metal clad switches/MCB's/Isolators/MCB distribution boxes and metal clad distribution as given in the schedule of work.
  - 17 A termination of all connections of main boards/sub-main boards/sub-distribution boards will be done by crimping and nothing extra will be payable on this account.
  - 18 Inter-connection between bus bars and switches i/c and above 100Amps. Sub main boards connections, will be done with solid copper conductor with PVC sheathing.
  - 19 For the conduit already laid, recovery shall be made on the basis of DSR- 2007 rates plus abatement of this tender on linear basis.
  - 20 The Department shall not supply any tools and plants.
  - 21 The work is to carry out according to the drawings issued, kept in the office of Engineer-in-charge who reserves the right to change the layout as and when required according to changed site conditions at any stage .The wiring and conduit routes are to be marked at site first and got approved by the Engineer- in-charge for commencement of actual work. No extra payment shall be made on this account.
  - 24 The contractor shall maintain in good condition all work executed till the completion of work allotted to him.
  - 25 No sharp edges of conduit shall be left unrounded.
  - 26 The 5A/15A sockets should be multiple pin type
  - 27 All the material to be used on the work shall be (S) marked and if ISI marked is not manufactured the confirmation to ISS shall be used. The same shall be approved by Engineer-in-Charge before use .All rejected material are to be removed from the site of work immediately at contractor's on cost.

**LIST OF APPROVED MAKES- BSNL ELECTRICAL WING**

<b>S. No.</b>	<b>Item</b>	<b>Makes</b>
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=lcu)	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/ Meco / 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 / ASP/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	Anfiltra Effluent / ARW / Athlete/ Airtake/ Dyna / Kirloskar/ Puromatic/ Purafill/ Purolator / Tenacity
37	GI Sheet Essar/Notifier	HSU Jindal / National / Nippon Denro / Sail / Tata
38	Heat Detector	Appollo / Chemtron/ Edward / Fenwal/ Hochiki / Nitton /System Sensor/ Wormald/Honeywell
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:- Items which are approved from O/o PGM(E) BSNL New Delhi till last date of sale of tender, shall also be accepted.**

**Executive Engineer (E)**

**ANNEXURE-IV****PROFORMA FOR UNDERTAKING REGARDING EPF/ ESI PROVISIONS**

(To be submitted with Eligibility conditions in envelope – 1)

I.....son of.....

Resident of ..... hereby give an undertaking that:

(I) \* EPF and Miscellaneous provisions Act, 1952 (amended up to date) 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.

\* I / We shall produce EPF registration certificate within 15 days, from the date of issue of intimation from BSNL regarding intent to accept the tender. In case I / We fail to produce the said document within the prescribed time frame, BSNL shall have the right to forfeit the whole Earnest Money and cancel the tender and further I / We will not participate in the next tender for the same work.

(II) \* ESIC Act, 1948 (amended upto date) is not applicable to my / our establishment.

\* I / We have registered as per the ESIC Act, 1948 (amended upto date) and our Registration no. is ..... We undertake to keep it valid during the currency of contract.

\* I / We shall produce ESIC registration certificate within 15 days, from the date of issue of intimation from BSNL regarding intent to accept the tender. In case I / We fail to produce the said document within the prescribed time frame, BSNL shall have the right to forfeit the whole Earnest Money and cancel the tender and further I / We will not participate in the next tender for the same work.

In case at my 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)

(Dated Signature of contractor)

(Seal of the firm)

**ANNEXURE-V**

**PROFORMA FOR UNDERTAKING REGARDING SALES TAX CLEARANCE**

**(To be submitted with Eligibility conditions in envelope – 1)**

I.....son of.....  
Resident of ..... hereby give an undertaking that:  
I / We shall produce sales tax clearance certificate issued by HP sales tax Department  
in the prescribed format within 15 days, from the date of issue of intimation from BSNL  
regarding intent to accept the tender. In case I / We fail to produce the said document  
within the prescribed time frame, BSNL shall have the right to forfeit the whole Earnest  
Money and cancel the tender and further I / We will not participate in the next tender for  
the same work.  
(Dated Signature of contractor)

(Seal of the firm)