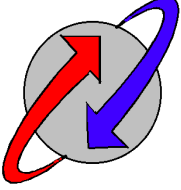


Office of The Executive Engineer (E), BSNL Electrical Division Shimla Tel.No. 0177-2627422, 0177-2627422(Fax).		BHARAT SANCHAR NIGAM LIMITED (A Govt. of India Enterprise)
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NAME OF WORK : - Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).

Tender No. : EE/E/BSNL/ED/SML/E-TENDER/2016-17/02

Name of Agency :-

Cost of Tender : - Rs.569.00

UNDERTAKING

It is undertaken that we have gone through all the clauses /sub-clauses & terms & conditions of the BSNL EW-6 & BSNL EW -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 División
Shimla.

B

Name of Work: - Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).

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CORRECTION SLIP

Addendum/Modification to BSNL EW -8 & BSNL EW -6 Forms Conditions of contract-
Definitions:-

All reference to:-

- i) BSNL EW /Public work department/P&T Department. /D.O.T. /B.S.N.L
- ii) D.G. works/ Additional Chief Engineer BSNL EW /Chief Engineer of Zone.
- iii) Administrative Head of BSNL EW /P&T Department.
- iv) BSNL EW Circles/Civil Circle.
- v) Ministry of works, Housing & supply.
- vi) Government.

In various clauses shall be taken to mean:-

- i) Bharat Sanchar Nigam Limited.
- ii) Chief Engineer (E), Bharat Sanchar Nigam Limited.
- iii) Administrative Head of Bharat Sanchar Nigam Limited.
- iv) Telecommunications Electrical Circle.
- v) Bharat Sanchar Nigam Limited (Ministry of Communications)
- vi) Bharat Sanchar Nigam Limited



भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

Notice Inviting e- Tenders

The Executive Engineer (E) B.S.N.L., Electrical Division, First Floor, Block no. 35, SDA Complex, Kasumpti, Shimla-171009 invites on behalf of Bharat Sanchar Nigam Limited, item rate e-tenders in two bid system for the following work (s) :-
Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).

Last date & time of submission of on line bid – **22-04-2016** (Up to 17.00 hrs). For details visit www.tenderwizard.com/BSNL or www.hp.bsnl.co.in

Executive Engineer (E)
BSNL, Electrical Division
Shimla

<u>NOTICE INVITING e-TENDER</u>		
<u>Short Term Tender Notice</u>		
The Executive Engineer (Elect.), BSNL Electrical Division, First Floor, Block no. 35, SDA Complex, Kasumpati, Shimla-171009 on behalf of Bharat Sanchar Nigam Limited, invites online item rate tenders in Two Bid system from eligible contractors for the work and details given below:		
GENERAL DETAILS		
1	NIT No.	
2	Name of work	Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).
3	Estimated cost of the work Inclusive of all taxes	Rs. 18,28,160/-
4	Completion period	One Month
5	Earnest Money Deposit (EMD) - @2% of estimated Cost	Rs. 36,563/-
6	Mode of submission of EMD	DD/FDR/TDR/BG of a Nationalized/Scheduled Bank in favour of "Accounts Officer (Cash), BSNL, Shimla
7	Bid Cost (Non Refundable)	Rs 569/-
8	Mode of submission of Bid Cost	DD / Pay Order/ Bankers Cheque of a Nationalized / Scheduled Bank in favour of "Accounts Officer (Cash), BSNL, Shimla
9	Tender processing fees including taxes (Non Refundable)	Online payment as per details given on website www.tenderwizard.com/BSNL
10	Availability of tender Documents	www.tenderwizard.com /BSNL, and www.hp.bsnl.co.in (The bidder can only participate in e-tender on www.tenderwizard.com/BSNL)
11	Date & time of availability of tender documents in the portal for downloading	From 07-04-2016
12	Last date and time of closing of online submission of tenders	22.04.2016 (up to 17:00 Hrs.)
13	Period during which EMD & Bid cost instrument and other documents shall be submitted.	After the date and time of submission of online bid and up to 15.00hrs. dated 27-04-2016 All documents shall be submitted by dropping in the box available in office of Executive Engineer (E) or shall be sent by Regd. Post/Speed. BSNL will not be responsible for any postal delay.
14	Date and time of online opening of technical bid.	On 27-04-2016 at 15:00 hours
15	Date and time for online opening of financial bids	28-04-2016 at 15.30 hrs
16	Competent authority inviting tender	Executive Engineer (E), BSNL Electrical Division, First Floor, Block no. 35, SDA Complex, Kasumpati, Shimla-171009
17	Help desk	011-49424365, 0172-39537537, Email- twhelpdesk691@gmail.com

1. Eligibility Conditions

The Contractors satisfying the following conditions:

Average annual turnover during the last 3 years, ending 31st March of the previous financial year, should be at least Rs.5,48,448/- of the estimated cost put to tender.

AND

BSNL enlisted contractors in Electrical category II(E) and above.

OR

Experience of having successfully completed similar works of mobile towers with licensed operators 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 Rs.7,31,264/-.

OR

➤ Two similar successfully completed works costing not less than the amount equal to Rs.10,96,896/-

OR

➤ One similar successfully completed work costing not less than the amount equal to Rs.14,62,528/-

OR

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

- **Similar works** : O&M of electromechanical services having DG sets or repair and maintenance of DG sets.

The contractor shall also submit and confirm:

- Documentary proof of satisfying the eligibility conditions as per “1” above , copy of PAN card, copy of CA certificate for turnover, Original authorization of person quoting the tender from Directors/ Proprietor of the company, Near relative certificate from or on behalf of Directors/ Proprietor of the company. (All the documents shall be self attested as well as certified by any BSNL Executive /Notary /Gazetted Officer of Central Govt).
- 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 claim 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 **p.no.31** (Annexure–III).
- If the firms do not have ESI & EPF registration, they will though be allowed to participate in the bid process, but they will have to get the ESI & EPF registration 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. If the firm fails to produce ESI & EPF registration certificate on more than one occasion, the firm shall be barred from participating in all future tenders.
- 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 performa at **page no32** (Annexure-IV) in this regard.
- The Firm should have valid service tax registration.

2. Important Instruction to Bidders For Regarding Online Tendering (E-Tendering)

- 2.1 Bidder is required to have class 3 digital signature certificate (DSC).
 Every bidder has to get himself registered on www.tenderwizard.com/BSNL. He has to pay online registration charges depending on his category to M/s ITI Limited (tenderwizard.com) while having registration. The payment will be made online only.
 For Registration: open website www.tenderwizard.com/BSNL >> Register Me >> Read
 Instruction Carefully >> Fill Form >> Upload Credential Documents >> Make Registration
 Charges Payment >> Save Acknowledgement >> Send request Letter on your letter pad (scanned copy) along with the documents you uploaded while having registration through email to twhelpdesk680@gmail.com to activate your User Id. After sending of request letter and other documents by you, your user id will be activated within one working day and you will be intimated through email. After activation of your user id you will be able to login.
 To request for tender documents and participate in tender, bidder has to request/apply online through www.tenderwizard.com/BSNL
 For any help, please contact on 011-49424365 or 0172-3953753. A user manual for vendor (bidder) is also available. (Home page >>Click to view latest circulars / Formats / Manuals >> General >> Vendor Manual_New Version >> Vendor_Detailed_HELP_MANUAL_BSNL.)
 Prospective bidders or General public can see and download free of cost PDF format of the tender documents from website: **www.tenderwizard.com/BSNL**
OR www.hp.bsnl.co.in.
- To participate in the tender, prospective bidders are requested to download the tender documents and price bid in excel formats, after login in the Home page of the website www.tenderwizard.com/BSNL with User ID/Password/Class III Digital Signature Certificate.
- Prospective Bidder has to fill price bid and upload the same without renaming it. Other than this, bidders are required to upload his credential documents and/or eligibility documents required by tender inviting authority elsewhere in this document in the tender online on www.tenderwizard.com/BSNL. Please refer Help Manual for Tender submission or contact ITI Helpdesk.
- 2.2 The Intending bidder must read the terms and conditions of Notice Inviting Tender & eligibility criteria carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the supporting documents required.
- 2.3 Information and instructions for bidder posted on website shall form part of bid document.
 The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft/Pay Order/Banker's Cheque/FDR towards the cost of bid document and EMD in favour of Accounts officer (Cash), BSNL, Shimla and other documents as specified.
- 2.4 Those Contractors not registered on website www.tenderwizard.com/BSNL mentioned above are required to get registered beforehand.
- 2.5 Contractor can upload documents in the form of JPG format and PDF format and any other format as permissible by the e-tendering portal.
- E- Tender/EE/ED/SML/16-17/02 dated 07-04-2016**

- 2.6 Contractor must ensure to quote rate of each item. If any cell is left blank, the same shall be treated as “0”. Therefore if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as “0” (ZERO).

LIST OF MANDATORY DOCUMENTS TO BE SCANNED AND UPLOADED ON THE LINK WITHIN PERIOD OF BID SUBMISSION

Sl.no	Description
1.	Demand Draft/Pay Order/Banker's Cheque /FDR/TDR/BG of any Nationalized/ scheduled bank towards EMD.
2.	Demand Draft/Pay Order/Banker's Cheque of any Nationalized/scheduled bank towards cost of bid.
3.	CA certificate for turnover for last 3 years
4.	Documentary proof of satisfying eligibility conditions as per “1” above
5.	PAN card issued by Income Tax Department,
6	Original authorization of person quoting the tender from Directors/ Proprietor of the company
6.	Certificate for “No near relatives are working in BSNL” as per format available in NIT document.
7.	Sales Tax / VAT registration no. with HP sales tax Department and EPF and ESI registration certificates from appropriate Govt. authorities.
8.	The firms who claim to be exempted from the ESI & EPF registration need to submit an affidavit on Non-judicial stamp paper for the same as per proforma given elsewhere in this document
9.	Affidavit regarding registration under Himachal Pradesh Value Added Tax Act 2005 given elsewhere in this document as per proforma
10	Service Tax Registration No.

NOTES:

- All the documents shall be self attested as well as certified by any BSNL Executive /Notary /Gazetted Officer of Central Govt.
- The bidder shall upload scanned copy of originals in JPG or PDF format. The submission of documents is deemed as undertaking by bidder that all the documents are true and genuine. If it is found, at any time during bidding or execution of work, that the information/documents submitted by the bidder are in variance/forged/bogus, they shall be legally held responsible for the same. Their offer shall be summarily rejected or termination of contract, if awarded, forfeiting of the EMD, performance guarantees, security deposit, if any. The bidder/contractor shall be blacklisted /debarred for further works in BSNL for a period of three years.

Executive Engineer (E)
BSNL Electrical Division
Shimla

Bharat Sanchar Nigam Limited
(A Government of India Enterprise)

Electrical Wing

Zone: H.P.

Division: Shimla

Circle: Shimla

Certified that this tender schedule contains 40 pages only.

NOTICE INVITING e -TENDERS
(As per Tendering procedure in BSNL revised up to date)

01. Item rate e-Tenders are hereby invited on behalf of BSNL for the work of: Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).

Estimated cost: **Rs. 18,28,160/-**

02. The intending bidder eligible to submit bid has to scan and upload the following documents as per the provision of eligibility criteria. All the copies of documents with regard to eligibility criteria is to be self-attested and counter attested by any BSNL executive or any Gazetted officer of Govt. of India.

If the bidder is a firm in partnership / Limited company or Corporation, then the hard copies of "FORM-A" and partnership deed / Memorandum of Articles of Association and power of attorney / Authorization to the person who signs the tender in case of companies etc. shall also be submitted along with hard copies of other document.

03. Intending bidder is eligible to submit bid provided he has definite proof to the satisfaction of competent authority of having the eligibility criteria as given below.

04. (a) Detailed tender documents of tender 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 is available in downloadable form at the website www.tenderwizard.com/BSNL or www.hp.bsnl.co.in free of cost.

- (b) The site for the works shall be made available in parts.

05. The time allowed for carrying out the work will be one month and shall be reckoned from the 10th day after the date of written order to commence the work.

06. The intending bidder has to fill all the details such as Banker's name, Demand Draft/Fixed Deposit Receipt/Pay Order/Banker's Cheque/Bank Guarantee number, amount and date.

- (i) Earnest Money amounting to **Rs. 36,563/-** in the form of demand draft / FDR / BG /CDR/TDR of a nationalized/scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of Accounts Officer (Cash), BSNL **Shimla** payable at Shimla. The Validity period of EMD is 120 days, from the date of opening of tender as stipulated above. However EMD in shape of DD with validity of three months is also acceptable.

- (ii) Cost of Bid Document amounting to Rs 569/- (in the form of Demand Draft/Pay Order/Banker's Cheque) drawn in favour of Accounts Officer (Cash), BSNL Shimla payable at Shimla.

- (iii) E-tender processing fee @ 0.05% of Estimated cost put to tender (subject to Minimum Rs.500/- and maximum of Rs.5,000/-) plus applicable taxes is to be paid through online on e-payment link available on portal by VISA/Master enabled Credit/Debit cards/PNB net banking facility to the account of M/s ITI Ltd. as mentioned in the portal.

07. a) The original financial instruments like Demand Draft/FDR/BG/CDR against EMD and Demand Draft towards cost of Bid document shall be placed in a single sealed envelope super scribed as “Earnest Money and Cost of Bid Documents” mentioning name of work and due date of opening of Bid.
- (b) Attested copies of valid certificate of registration/enlistment with competent authority, copy of Electrical License, PAN card issued by Income Tax department, satisfactory works completion certificate issued by an officer not below the rank of Executive Engineer, Chartered Accountant Certificate in respect of Turnover and WCT/Sales Tax/VAT registration as per the eligibility criteria & other documents shall be scanned and uploaded to the e-tendering website within the period of bid submission and copies of the same shall be deposited in a separate envelope marked as “Other documents”.
If the bidder is a firm in partnership / Limited company or Corporation, then the hard copies of “FORM-A” and partnership deed / Memorandum of Articles of Association and power of attorney / Authorization to the person who signs the tender in case of companies etc. shall also be submitted along with hard copies of other documents as above.
If attested copies of the documents are not submitted, the contractor shall produce the originals of the documents on demand for verification at the date & time of opening of hard copies of documents of intending bidders before Executive Engineer (E).
- (c) Both the envelope as above shall be placed in another envelope with due mention of name of work, due date and time of opening of bids, name of the bidder and shall be submitted in the office of the Executive Engineer (E), BSNL Electrical Division, First Floor, Block no. 35, SDA Complex, Kasumpti, Shimla-171009 after last date and time of submission of online bid.
- (d) The documents are to be reached the Division office latest by 15.00 hours on **27-04-2016** failing which the bid is liable to be rejected. The authority will not be held responsible for the postal delay if any in the delivery of the documents and non-receipt of the same in time.
- (e) Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest money Deposit, Cost of Bid Document and other documents uploaded are found in order. The time & date of opening of uploaded scanned documents & online Technical bid is on or after 15.00 hours dated **27-04-2016**
08. The Tender will be submitted in two parts –
Part- 1:- TECHNICAL AND COMMERCIAL BID
Part-2:- PRICE BID
- a) The technical and commercial bid will be opened first at the first instance and evaluated by the Committee. At the second stage financial bids of only the technical and commercially accepted offer will be opened for further evaluation and ranking before awarding the contract.
- b) The technical and commercial bid shall be evaluated by the tender evaluation committee and if necessary clarifications/confirmation, for deviations (if any) shall be taken from the eligible bidders so as to evaluate their bids as per terms and conditions of the tender documents to decide the technically & commercially responsive / non responsive bidder.
- In case holiday is declared on the opening day the tenders will be opened on the next working day.
09. The bid submitted shall become invalid and cost of bid and e-tendering processing fees shall not be refunded if-
- (i) The bidder is found ineligible.

- (ii) The bidder does not upload all the documents as stipulated in the bid document.
- (iii) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically in the office of the tender opening authority

10. Criteria of submission of eligibility documents for the online bids shall be considered as fulfilled if hard copies of all mandatory documents are submitted and found in order. Hence if any of the eligibility documents could not be uploaded for any reason, hard copies of such missing documents shall invariably be submitted along with hard copies of other documents
11. 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.
12. Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.
13. In case the eligibility credentials are not found genuine at any stage i.e. before award of work or during execution of the work or after completion of the work, the contractor will be debarred from tendering in BSNL for three years including any other action under the contract or existing law.
14. After submission of online bid, the contractor can resubmit revised bid any number of times but before last time and date of submission of bid as notified. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rates of all the items).
- 15.(i) Performance Guarantee :
The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value of items in the form of Bank Guarantee (of a Nationalized / Scheduled Bank in a standard format) / CDR / FDR / 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 works and the same shall be released only after completion of 12 months free maintenance / warranty period.
- (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.
16. The acceptance of a tender will rest with the Superintending Engineer (E) 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.
17. Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

- 18. The competent authority on behalf of BSNL reserves with 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 rates quoted.
- 19. (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, partnership 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 Sh-----
..... 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)

- 20. 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 contractor's service.
- 21. 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.

22. 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.
22. The contractor should read the tender documents carefully before submitting the online bid.
23. Before e-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 conditions, including stocking of materials, installation of T&P etc. and condition 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.
24. 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.
25. The successful tenderer/contractor on acceptance of his tender by the Accepting authority should sign every page of downloaded tender as available in the website with stamp (seal) of his firm/organization.
26. This down loaded and signed tender consisting of Notice Inviting e-Tender (BSNL EW-6) shall form part of the contract document. The successful tenderer/contractor shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a) The Notice Inviting e-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 (BSNL EW-8).
27. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED are available on BSNL website www.electrical.bsnl.co.in OR www.tenderwizard.com/BSNL as well as in the Division office.
28. For e-tendering of this tender BSNL has engaged e-portal maintained by M/s ITI Ltd, New Delhi. The agency intending to participate in tendering process shall have to register with ITI Ltd, New Delhi. For details kindly visit website <http://www.tenderwizard.com/BSNL>

29. ELIGIBILITY CRITERIA

The Contractors satisfying the following conditions:

Average annual turnover during the last 3 years, ending 31st March of the previous financial year, should be at least Rs.5,48,448/- of the estimated cost put to tender.

AND

BSNL enlisted contractors in Electrical category II(E) and above.

OR

Experience of having successfully completed similar works of mobile towers with licensed operators 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 Rs.7,31,264/-.

OR

➤ Two similar successfully completed works costing not less than the amount equal to Rs.10,96,896/-

OR

➤ One similar successfully completed work costing not less than the amount equal to Rs.14,62,528/-

OR

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

- **Similar works** : O&M of electromechanical services having DG sets or repair and maintenance of DG sets.

The contractor shall also submit and confirm:

- Documentary proof of satisfying the eligibility conditions as per “A” above , copy of PAN card, copy of CA certificate for turnover, Original authorization of person quoting the tender from Directors/ Proprietor of the company, Near relative certificate from or on behalf of Directors/ Proprietor of the company. (All the documents shall be self attested as well as certified by any BSNL Executive /Notary /Gazetted Officer of Central Govt).
- 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 claim 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 **p.no.31**.
- If the firms do not have ESI & EPF registration, they will though be allowed to participate in the bid process, but they will have to get the ESI & EPF registration 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. If the firm fails to produce ESI & EPF registration certificate on more than one occasion, the firm shall be barred from participating in all future tenders.
- 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 performa at **page no.32** in this regard.
- The Firm should have valid service tax registration.

Executive Engineer (E)
BSNL Electrical Division

BSNL EW**TENDER FORM (BSNL EW-8)**

BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

ZONE – H.P.

DIVISION – Shimla

BRANCH: ELECTRICAL WING

Tender for the work of:- Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).

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. 36,563/-** 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 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. 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)*

(Signature of contractor)
(Name & Postal address)

Seal of Contractor

Occupation of Witness

Date:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned here under) 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)

Dated:.....

For & on behalf of BSNL
Signature

Designation

GENERAL RULES AND DIRECTIONS

1. All works proposed for execution by contract will be notified in a form of invitation to tender displayed on Notice Board in select BSNL offices and signed by the officer inviting tender or by publication in News papers/internet (designated web page) as the case may be.
2. This form will state the work to be carried out, as well as the date for submitting and opening tenders and the time allowed for carrying out the work, also the amount of earnest money to be deposited with the tender, and the amount of performance guarantee to be deposited by the successful tenderer(s). Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the Officer inviting tender shall also be open for inspection by the contractor at the office of Officer inviting tender during office hours.
3. In the event of the tender being submitted by a firm, it must be signed by the authorized signatory.
4. Receipts for payments made on account of work when executed by a firm, must also be signed by authorized signatory.
5. Any person who submits a tender shall fill up the usual printed form stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other conditions of any sort, including conditional rebates, will be summarily rejected. However, tenders with unconditional rebate will be acceptable. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each.

The rates(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.

6. The Officer inviting tender or his duly authorised assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a Comparative Statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same, without any interest.
7. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest or any other tender.
8. The receipt of an accountant or clerk for any money paid by the contractor will not be considered as any acknowledgement or payment to the Officer inviting tender and the contractor shall be responsible for seeing that he procures a receipt signed by the concerned Accounts Officer.
9. The memorandum of work tendered for and the schedule of materials to be supplied by BSNL shall be filled and completed in the office of the Officer inviting tender before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.

10. The tenderers shall sign a declaration under the officials Secret Act, 1923, for maintaining secrecy of the tender documents, drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.
11. Rates quoted by the Contractor in the tender both in figures and words shall be accurately filled in so that there is no discrepancy in the rates written in figures and words. However, if a discrepancy is found, the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written in either in figures or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally, but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.
12. 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) in favour of Accounts officer (Cash) of the concerned SSA where Electrical Division is attached 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 works.
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.
13. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and in words. In case of figures, the word 'Rs.' should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs. 2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be upto two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.
14. Taxes & Duties: The firm shall quote rates for all the items inclusive of local Sales Tax/VAT, Central Sales Tax and Works Contract Tax, service tax as applicable for the works in Telecommunication network in accordance with Finance Act 2002. No concessional form shall be issued by BSNL to the firm. The bidder shall give the total composite price inclusive of all Central & State's levies and taxes i.e. Excise Duty, Service Tax, Sales Tax, Purchase Tax, Turnover Tax, Works Contract Tax etc. 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) of goods/services/materials, Excise Duty, Sales Tax, Freight, forwarding, packing, service tax, insurance and any other levies/charges already paid or payable by the contractor/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.

Evaluation of Bids:-The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the price of the goods offered inclusive of Duties and Taxes (but excluding CENVAT-able Duties & Taxes), Sales Tax, Packing, Forwarding, Freight and Insurance charges etc. as per existing BSNL policies.

Vendors should furnish the correct E.D./Customs Tariff Head in the Price Schedule. If the credit for the Duties/ Taxes under CENVAT Credit Rules, 2004 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.

In case the Duties & Taxes which are non CENVAT-able as per the quotes indicated in the price schedule by the vendors and subsequently at any stage it is found that Credit for such Duties & Taxes is admissible as per CENVAT Credit Rules, 2004, 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 to the supplier to submit necessary documents in this regard which may enable the purchaser to avail the CENVAT credit provided such credit is still available for the amount so paid as per CENVAT Credit Rules, 2004.

The purchaser reserve the right to ask the bidders to submit documentary proof confirming the correct Tariff Head from the E.D./Customs authority where the Tariff Head furnished against the particular tendered item by different bidders differs from each other or the same is found apparently not furnished in accordance with E.D./Customs Tariff notifications.

“If the supplier fails to furnish necessary supporting documents i.e. Excise/Customs invoices etc. in respect of Duties/Taxes which are Cenvatable, the amount pertaining to such Duties/Taxes will be deducted from the payment due to the firm”.

- 15.a. However, pursuant to the constitution (forty-sixth Amendment) Act, 1982, if any further tax or levy is imposed by statute, after the last date for the receipt of tender and the contractor thereupon necessarily and properly pays such taxes/ levies, the contractor shall be reimbursed the amount so paid, provided such payment, if any, is not, in the opinion of the Superintending Engineer (whose decision shall be final and binding on the contractor) attributable to delay in execution of work within the control of the contractor.
 - b. The contractor 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 BSNL and further shall furnish such other information/ document as the Engineer-in-Charge may require from time to time.
 - c. The Contractor shall, within a period of 30 days of imposition of any such 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.
16. In case of statutory variation in excise duty within the stipulated date of completion of individual agreement, the same shall be paid or recovered as per the actual against documentary proof for major equipments/ materials. However, beyond this period BSNL will take advantage of any duty reduction but will not pay extra on account of duty increase.
 17. BSNL shall deduct work contract tax, income tax and other statutory deductions from payments due to the firm as per rules of the State/Central Government. The Accounts Officer of the concerned Division shall issue certificates for such deductions to the firm.

18. The tender for the work shall not be witnessed by a contractor or contractors who himself/themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection.
19. Other agencies will also simultaneously execute the works like horticulture, external services, installation of telephone exchange equipment and other building works for the same project along with this work. The contractor shall offer necessary co-operation for the same.
20. Some restrictions may be imposed by the security staff etc. on the working and/or movement of labour, material etc. The contractor shall be bound to follow all such restrictions / instructions and nothing extra shall be payable on this account.
21. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Engineer-in-charge may in his discretion, without prejudice to any other right or remedy available in law, cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.
22. No engineer of gazetted rank or executive of BSNL employed in engineering or administrative duties in an engineering department of the Govt. of India/BSNL is allowed to work as a contractor for a period of two years of his retirement from government service without the previous permission of Govt. of India/BSNL. This 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 of Govt. of India as foresaid, before submission of the tender or engagement of the contractor's service as the case may be.
23. 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:
 - 23.1 Members of a Hindu Undivided family
 - 23.2 They are husband and wife
 - 23.3 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)
24. 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, partnership 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
Sh..... 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)

CONDITIONS OF CONTRACT

1. Definitions : The 'Contract' means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of BSNL and the contractor, together with the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-Charge and all these documents taken together, shall be deemed to form one contract and shall be complementary to one another.
2. In the contract the following expressions shall, unless the context otherwise requires, have the meanings, hereby respectively assigned to them:-
 - i) The expression "works" or "work" shall, unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the works by or by virtue of the contract contracted to be executed whether temporary or permanent, and whether original, altered, substituted or additional.
 - ii) The 'site' shall mean the land/building/or other places on, into or through which work is to be executed under the contract or any alternate land, building, path or street which may be allotted or used for the purpose of carrying out the contract.
 - iii) The 'Contractor' shall mean the individual, firm or company, whether incorporated or not, undertaking the works and shall include the legal personal representative of such individual or the persons composing such firm or company, or the successors of such firm or company and the permitted assignees of such individual, firm or company.
 - iv) BSNL means the Bharat Sanchar Nigam Ltd. having its corporate office at Harish Chandra Mathur Lane, Janpath, New Delhi-110001 and its successors.
 - v) The 'Engineer-in-charge' means the Engineer officer who shall supervise and be in-charge of the work and who shall sign the contract on behalf of BSNL as mentioned in Schedule 'F' hereunder.
 - vi) Accepting Authority shall mean the authority mentioned in Schedule 'F'
 - vii) 'Excepted Risk' are risks due to riots (other than those on account of contractor's employees), war (whether declared or not) invasion, act of foreign enemies, hostilities, civil war, rebellion, revolution, insurrection, military or usurped power, any acts of Government, damages from Aircraft, Acts of God, such as earthquake, lightning and unprecedented floods, and other causes over which the contractor has no control and accepted as such by the accepting authority or causes solely due to use or occupation by BSNL of the part of the works in respect of which a certificate of completion has been issued or a cause solely due to BSNL's faulty design of works.
 - viii) Schedule(s) referred to in these conditions shall mean the relevant schedule(s) annexed to the tender papers or the standard Schedule of Rates of the Government mentioned in Schedule 'F' hereunder, with the amendments thereto issued up to the date of receipt of the tender.
 - ix) Tendered value means the value of the entire work as stipulated in the letter of award.
 - x) Market rate shall be the rate as decided by the Engineer-in-Charge on the basis of the cost of materials and labour at the site where the work is to be executed plus the percentage mentioned in Schedule 'F' to cover, all overheads and profits.
3. Scope and Performance: Where the context so requires, words imparting the singular only also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.
4. The contractor shall be furnished, free of cost, one certified copy of the contract documents except standard specifications, schedule of rates and such other printed and published documents, together with all drawings as may be forming part of the tender

papers. None of these documents shall be used for any purpose other than that of this contract.

5. Works to be carried out : The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, equipment and transport which may be required in preparation of and for and in the full and entire execution and completion of the works. The descriptions given in the schedule of quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other labours necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
6. Sufficiency of Tender: The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates and prices quoted in the Schedule of Quantities, which rates and prices shall, except as otherwise provided, cover all his obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.
7. Discrepancies & adjustments of Error : The several documents forming the contract are to be taken as mutually explanatory of one another, detailed drawings being followed in preference to small scale drawing and figured dimensions in preference to scale and special conditions in preference to General Conditions.
- 8.1 In the case of discrepancy between the schedule of quantities, the specifications and/or the drawings, the following order of preference shall be observed :-
 - i) Description of Schedule of Quantities
 - ii) Particular Specification and Special condition, if any
 - iii) Drawings
 - iv) BSNL/C.P.W.D. Specifications
 - v) Indian Standard Specifications of B.I.S
- 8.2 If there are varying or conflicting provisions made in any one document forming part of the contract, the Accepting Authority shall be the deciding authority with regard to the intention of the document and his decision shall be final and binding on the contractor.
- 8.3 Any error in description, quantity or rate in Schedule of Quantities or any omission there from shall not vitiate the Contract or release the contractor from the execution of the whole or any part of the works comprised therein according to drawings and specifications or from any of his obligations under the contract.
9. Signing of Contract: 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 the notice inviting tender, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.
10. 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.

PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities: As per Price Bid

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sr. No.	Description of item	Quantity	Rates in figures and words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
1	Nil		Nil	

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sr. No.	Description of item	Hire charges per day	Place of Issue
1	2	3	4
NIL			

SCHEDULE 'D'

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

- I. Scope for works- : Appended from page **33-36** _____
- II. General Conditions & Commercial/General: - Appended from **page- 15-21** _____
- III. Copy of Memo no. 5-1-12-EW/94 dt. 26/9/1996, Model form of Bank Guarantee): Appended from **page 28-30** _____

SCHEDULE 'E'

Schedule of component of Cement, Steel, other materials, Labour etc. for price escalation.

NIL

CLAUSE 10 CC

Component of Cement expressed as per cent of total value of work	Xc	_____ %	}	NA
Component of Steel expressed as per cent of total value of work	Xs	_____ %		
Component of civil(except cement and steel) / Electrical construction Materials expressed as per cent of total value of work	Xm	_____ %		
Component of Labour expressed as per cent of total value of work	Y	_____ %		

SCHEDULE 'F' Reference to General Conditions of contract.	
Name of work:	Operation and Comprehensive maintenance of Electro-mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost).
Estimated cost of work:	Rs. 18,28,160/-
i) Earnest money :	Rs. 36,563/-
ii) Performance Guarantee : iii) Security Deposit :	5% of tendered value of work. 5 % of the tendered value of the work.
GENERAL RULES and DIRECTIONS:	Officer inviting tender: EE (E), BSNL Electrical Division, Shimla. 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. Shimla.
2(viii) Accepting Authority	SE (E), BSNL Electrical Circle 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 Number of days from the date of issue of letter of acceptance for reckoning date of start Milestone(s) as per table given below :-	10 days

IMPORTANT NOTE FOR CONTRACTORS

1.0 Tax and Duties:-

- 1.1 All taxes, Levies, duties i/c service tax etc. in respect of this contract 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 repair or maintenance or servicing of any goods shall be considered on 70% of the total amount charged for the works contract. For the identifiable component which is 100% nature in labour the amount Service tax shall be applicable on 100 % of respective component At present, the rate of Service Tax is @14.5% and shall be applicable as being modified by Govt. of India time to time.
- 1.4 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.

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 SPLITTING OF WORKS: - No Splitting of work.100% work shall be awarded to the lowest tenderer.

5.0 .6.0 (a) “SALES TAX AND OTHER TAXES”

Tendered rates are inclusive of taxes and statutory levies payable under the respective statutes (I/C SERVICE TAX). 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 authorised representative of Government and shall furnish such other 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. EARNEST MONEY:- Firm has option to deposit earnest money in the shape of FDR/CDR/Demand Draft/ Pay order/BG from the scheduled Bank or Nationalized Bank/State Bank guaranteed by Reserve Bank of India drawn in favour of Accounts Officer (Cash), BSNL, Shimla.

8. Performance Guarantee :

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

9. 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.

10. TERMS OF PAYMENT:-

- a) 80% of prorated of the approved price break-up of contract value on receipt of equipment 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.

11. CURRENCY OF CONTRACT:- The contract shall be **ONE MONTH** reckoned from **10th day after the date of written orders to commence the work .**

12. 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 conditions and the impact of reduction in duties and taxes etc.

13. Guarantee & Defects Liability Period

The guarantee shall be valid for SIX months after successful installation testing and commissioning for the work executed under the scope of this tender.

a) Any parts found defective during the guarantee period shall be replaced free of cost by the contractor. The services of the contractors personnel, if required during this period shall be made available free of cost to the department.

b) The representative of department and firm shall prepare a joint report regarding the nature of defect and remedial action required. Time schedule for such action shall be also finalized.

In case the contractor fails to depute his representative within 36 (thirty six) hours of notification of defects or fails to cause remedial measure within a reasonable time as decided during joint inspection, the department may proceed to do so at the contractor's risk and expenses without prejudice to any other right.

14. COMPENSATION FOR DELAY

If the contractor fails to maintain the required progress or complete the work and clear the site on or before the contract or extended date of completion, he has to pay the compensation for delay which is limited to 0.5% per week of work order value for the first 10 weeks and 0.7% per week for next 10weeks and thereafter subject to a maximum of 12% of the work order value for the location where work is delayed and the firm is found responsible for the same. Flow chart of the procurement process/contract shall be supplied by the contractor and approved by Executive Engineer concerned.

ANNEXURE-I
MODEL FORM OF BANK GUARANTEE

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

(Name of 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 B.S.N.L.") in the sum of
_____ for which payment will and truly to be made of the said B.S.N.L., the Bank
binds itself, its successors and assigns by the 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 Bharat Sanchar Nigam Limited 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 Bharat Sanchar Nigam Limited upto the above amount upon receipt of its first written demand, without B.S.N.L. having to substantiate its demand, provided that in its demand B.S.N.L. 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. The guarantee will remain in force as specified in the Tender Document upto 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.

Name of witness
Address of witness

Signature of the Bank
Signature of the Witness

ANNEXURE-II

MODEL FORM OF PERFORMANCE GUARANTEE

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

_____ for _____
 _____ (Name of work) and

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 _____ 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.

- i) 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 contractor(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 _____.
- ii) 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.
- iii) 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.

- iv) We (name of the bank)_____further agree with the BSNL that the BSNL shall have the further 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 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.
- v) This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s)/supplier(s).
- vi) We (name of the bank)_____lastly undertake not to revoke this guarantee during its currency expect with the previous consent of the BSNL in writing .

Dated _____ day of _____

For _____
(Indicate the name of bank)

DECLARATION TO BE GIVEN BY CONTRACTOR

I.....

S/o.....

R/o.....

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”.

DATED: -----

Signature of contractor

ANNEXURE-III

PROFORMA FOR AFFIDEVIT REGARDING EPF/ ESI PROVISIONS

(To be uploaded with Eligibility conditions)

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

Resident of hereby give an
undertaking that:

(I) * EPF and Miscellaneous provisions Act, 1952 (amended upto 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. isWe
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-IV

**PROFORMA FOR AFFIDEVIT REGARDING registration under Himachal Pradesh
Value Added Tax Act 2005**
(To be uploaded with Eligibility conditions)

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

Resident of hereby give an
undertaking that:

I / We shall get registered under the Himachal Pradesh Value Added Tax Act 2005 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)

Price Bid

(Copy of Price Bid – For View Purpose Only, Bidder has to submit financial bid online in excel file on www.tenderwizard.com/BSNL)



BHARAT SANCHAR NIGAM LIMITED

**FINANCIAL (PRICE) BID**

Name of work:- Operation and Comprehensive maintenance of Electro- mechanical services for USOF sites under Cluster 23. (ROHRU and CHOPAL area of Distt.- Shimla, No. of sites: - 12) (Removal of pending defects and dues at risk and cost)

Sr.No.	Description of items	Qty.		Rate	Unit	Amount
	SUB HEAD-1 (DG SET and AMF Panel)					
1	Replacement of the existing faulty / defective AMF relay i/c installation ,testing & commissioning complete as required Note:- The replacement of material shall be with the same rating and make as that of the original or of th approved make by BSNL complete with accessories etc complete as required .	12	Nos.		Each	
2	Replacement of the existing faulty / defective static voltage regulator having input range from 90 to 300 volts and output range 230 volt i/c installation , testing and commissioning etc complete as required.	12	Nos.		Each	
3	Replacement of the existing faulty / defective static type battery charger unit of suitable for charging of 12 volt 130 AH lead acid battery with arrangement of auto cut off after charging, protective fuses and connecting leads etc. complete as required.	9	Nos.		Each	
4	Replacement of following the faulty / defective Meters in the existing Engine instrument Panel / AMF panel / complete as required					
a	Multifunctional Meter to indicate voltage, current,PF,Frequency & KWH.	8	Nos.		Each	
b	OEN relay 12Volt with base DC Supply	12	Nos.		Each	
c	OEN Relay 240 Volt with base AC Supply	12	Nos.		Each	
d	OEN relay 415Volt with base AC Supply	10	Nos.		Each	
e	4 pole power contactor 415 volt AC supply.	18	Nos.		Each	
g	DC amps meter (0-15 amps) 96mmx96mm size	3	Nos.		Each	
h	DC Volt meter 96mmx96mm size	3	Nos.		Each	
i	Emergency stop switch	5	Nos.		Each	
j	Selector switch	8	Nos.		Each	
k	Indicator LED type (Red & Green)	48	Nos.		Each	
l	Indicator LED type (Blue)	20	Nos.		Each	
m	Start push button	8	Nos.		Each	
n	Stop push button	10	Nos.		Each	
o	Electrical Harness wiring	8	Job		Job	
	TOTAL SUB HEAD -I					

Sr.No.	Description of items	Qty.	Rate	Unit	Amount
	SUB HEAD -II (DEA Portion)				
5	Replacement of the following faulty/defective accessories in the existing 20 KVA DEA and DEA control panel i/c installation , testing and commissioning etc complete as required.				
a	Assembly Solenoid coil	12	Nos.	Each	
b	Solenoid Stop relay	12	Nos.	Each	
c	RPM Cum Hour meter	7	Nos.	Each	
d	Techo meter cable	11	Nos.	Each	
e	Water temperature gauge	12	Nos.	Each	
f	Lub. Oil pressure gauge	8	Nos.	Each	
g	Ammeter assembly (Charger Meter) with lamp	2	Nos.	Each	
h	Switch assrmbly engine start	5	Nos.	Each	
i	Coolant Container and pipe.	12	Nos.	Each	
j	Diesel gauge	11	Nos.	Each	
k	Diesel inlet hose pipe.	12	Nos.	Each	
m	Cap fuel tank	6	Nos.	Each	
n	Belt Drive water pump	6	Nos.	Each	
o	Bracket alternator	3	Nos.	Each	
7	Replacement of the following faulty / defective accessories in the Radiator i/c testing and commissioning etc as required.				
a	Radiator hose pipe set	4	Job	Job	
b	Radiator repair	2	Job	Job	
c	Fan assembly water cooling	2	Job	Job	
8	Rewinding of the 12 volt, self starter i/c replacement of carbon brushes, cleaning of body, lubricating teeth, rotating parts complete with testing etc complete as required.	4	Job	Job	
9	Supplying & fixing of battery charging alternator assembly suitable for existing 20 KVA DG set complete testing etc. complete as reqd	3	Job	Job	
10	Repairing of Charging alternator i/c dismantling the same from existing 20 KVA DEA set at site and reinstallation of the same after repairing interconnection, testing complete as reqd as required.	2	Nos.	Each	
11	Rewinding of Exhaust Fan I/c dismantling of the same from the site and reinstallation of the same after repairing making connection complete as required.	3	Nos.	Each	
12	General inspection of control wiring of AMF panel engine instrument panel, Rewiring of the control wiring if required, testing of all the safety control trip, meters and other other facility like mechanical interlock and electrical interlock of contractor for main and DEA set supply complete as required.	12	Job	Job	

Sr.No.	Description of items	Qty.	Rate	Unit	Amount
13	Painting of the entire canopy with 2 coats of approved shade complete after application of primer etc as reqd	12	job	Job	
14	Repairing and calibration of fuel injection Pump of existing water cooled Engine model G-25 of M/s Escorts Make I/c dismantling, re- assembling after repairing and calibration, making fuel connection testing etc as reqd at site	3	Job	Job	
15	Replacement of following type 12 volt, lead Acid rechargeable type battery set i/c making connection etc. as required.				
	12 volt 120 Ampere hour (M/s EXIDE)FXP0-XP1300 , 12 V 130Ah)	9	Nos	Each	
16	Replacement of flexible multi standard copper conductor battery leads (for negative and positive) suitable for 130 AH, 12 volt lead acid battery i/c copper terminal for both the ends complete as required.	6	Job	Job	
18	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
19	4x16 sqmm.Aluminum conductor XLPE cable	8	Nos	Each	
	TOTAL SUB HEAD -II				
	SUB HEAD- III (ELECTRICAL PORTION)				
1	Replacement of the existing following faulty / defective electrical items complete with installation, testing all as required.				
a	400 mm sweep wall mounted fan	5	Nos	Each	
b	CFL lamp 11 watt.	12	Nos	Each	
c	4x16 sqmm.Aluminum conductor XLPE cable armoured cable	15	Mtr.	Mtr	
d	LED type aviation light.	11	Nos	Each	
e	70 sqmm. Copper cable	80	Mtr.	Mtr	
f	Lightening Arrester	4	Jobs	Job	
g	Repairing/replacement of Mobile phone charging unit	8	Nos	Each	
h	2x18 watt street light fitting	20	Nos	Each	
i	15 Amps Modular Switch	7	Nos	Each	
j	15 Amps 5 pin Modular Socket	7	Nos	Each	
k	5 Amps Modular Switch	5	Nos	Each	
l	5 Amps 3 pin Modular Socket	10	Nos	Each	
j	3 KVAR 3phase capicitor	10	No.	Each	
k	40 A 4 pole isolator	7	Nos.	Each	
l	63 amps Kit Kat	15	Nos.	Each	
m	40 A 4 pole MCB	6	Nos	Each	
n	Refilling of 4.5 kg capacity Fire Extinguisher	24	Nos	Each	
o	Repairing of pit cover of the existing earthing	10	Jobs	Jobs	
	TOTAL SUB HEAD -III				

SH-IV(WAGES)						
The following activity is also to carried out by the contractor on behalf of M/s Saurabh Industry being risk & cost work:-						
Payment of dues of part time/at call caretakers of sites i/c depositing the EPF and other dues as applicable complete as reqd.						
The tentative details of payment is as below :						
Tentative No. of Persons (A)	Tentative dues i/c EPF (In Rs.) per person (B)	Tentative period in months (C)	Tentative Total Amount due to be paid (in Rs.) (D)=(AxBxC)	% age above to be charged on the amount due to be paid* i.e. on D (E)	Total amount derived on %age above of Column (E) (F)=(D+(D*E))	
12	3000.00	12	432000			
TOTAL SUB HEAD -IV						

* Amount mentioned above is tentative Exact amount to be paid shall be intimated by Engineer-in-Charge later.

**The contractor may quote %age above the amount due to be paid in the D column above.

NOTE:

1.The tender shall be evaluated on the over all quoted amount for S.H-I to IV

2. The tenderer who quotes %age of SH-IV in negative shall be summarily rejected.

3.The replacement of material with new one shall be with the same rating and make as that of the original or of the approved make by BSNL complete etc as required .

4. Tenderers are requested to have an assessment of faults and quantum of work at site at their own cost under intimation to EE(E) 9418002608

5. For service tax component refer clause 1 of Important Note for Contractors.

TOTAL OF SUB HEAD I TO IV	
Service Tax @ 14.5% on 70% of total of SH-I to III	
Service tax @ 14.5% on Column (E) of Sub Head IV	
Grand Total	

(Signature with Seal of Firm)

DETAIL OF SITES

Sr. No.	DISTRICT NAME	NAME OF SITE	SUB DISTRICT
1	SHIMLA	Ghurla	Nerwa
2	SHIMLA	Newal Tikri	Nerwa
3	SHIMLA	Nag	Chopal
4	SHIMLA	Bandur	Chopal
5	SHIMLA	Koti	Chopal
6	SHIMLA	Bagah	Chopal
7	SHIMLA	Chorwa Dhar	Chopal
8	SHIMLA	Batarglu	Jubbal
9	SHIMLA	Kharla	Rohru
10	SHIMLA	Shallan	Rohru
11	SHIMLA	Pekha	Chirgaon
12	SHIMLA	Goskawari	Chirgaon

SPECIFICATIONS

1. The work shall be done as per the specification of 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 and cost, if the damage 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. No extra payment will be made for any kind of transportation.
6. The spare parts used should be from the genuine spare parts manufacturers. Documentary proof of same shall be submitted.
7. The mobile oil of the DEA set shall be changed as per manufacturers recommendation.
8. Diesel and battery for testing of DEA set shall be responsibility of BSNL.
9. The firm shall clean the DEA set after repairs.
10. The firm shall top up the battery electrolyte without any extra cost. Check & correct cooling water level & lube oil level.
11. The firm shall Check state of batteries , terminals for cleanliness & level of water without extra cost.

NOTE :-The replacement of material shall be with the same rating and make as that of the original. However, in case of non-availability of a particular make listed in NIT, the Engineer-in-charge will approve the alternate make.

LIST OF APPROVED MAKES

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(Ics=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/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 / MDSLegrand/ 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

S. No.	Item	Makes
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 / Kirsloskar/ 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.