



# **TENDER DOCUMENT**

## **FOR THE WORK OF**

Attending and rectification of electrical break down maintenance works in TE buildings Srikakulam SSA for the year 2020-21 SH: Attending electrical faults at Hirmandalam groups, GT road exge, Arasada BTS, Vangara BTS and repairing of EA sets at Narasannapeta TE and Burja TE

**NIT NO 05, Dated: 28.09.2020**  
**BSNL ELECTRICAL SUB DIVISION**  
**SRIKAKULAM.**

**DNIT NO 37, Dated: 28.09.2020**  
**BSNL ELECTRICAL DIVISION**  
**VISHAKAPATNAM.**

## I N D E X

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Sd/  
SUB DIVISIONAL ENGINEER (E)  
BSNL ELECTRICAL SUB DIVISION  
SRIKAKULAM



**BHARAT SANCHAR NIGAM LIMITED**

ELECTRICAL WING

(A Govt. of India Enterprise)

**NOTICE INVITING TENDER**

**DIVISION DNIT No: 25/BSNL/EDVM/2020-21, Dt:30.07.2020**

**SUB DIVISION NIT NO: 03/BSNL/ESD/SKLM/2020-21 Dt: 30.07.2020**

The Sub Divisional Engineer (E), BSNL Electrical Sub Division, BSNL Staff Quarters B2, Block Quarter No B2/2 Arasavilli Road, Srikakulam. Invites on behalf of Chairman, Bharat Sanchar Nigam Limited, sealed item rate tenders from the eligible contractors for the works mentioned below:

Sl No.	Name of Work	Estimated Cost	Earnest Money Deposit	Completion Period	Cost of Tender Form (Non Refundable)
1	Attending and rectification of electrical break down maintenance works in TE buildings Srikakulam SSA for the year 2020-21 SH: Attending electrical faults at Hirmandalam groups, GT road exge, Arasada BTS, Vangara BTS and repairing of EA sets at Narasannapeta TE and Burja TE	Rs 46232/-	Rs 925/-	2 Months	Rs. 177/-

**ELIGIBILITY CRITERIA:-**

The Contractors satisfying the following conditions:

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

**NOTE: All terms & conditions, specifications of above works are available in Sub-Divisional Office & web site.**

**1. Contractor shall submit and confirm:**

- Valid "Chartered Accountant Certificate" and Registration Certificate with attested copies as applicable along with application on their printed letterheads for purchase of Tenders.
- The tenderer shall submit the tenders in two sealed covers marked as cover 1<sup>st</sup> and 2<sup>nd</sup>. The first cover should contain earnest money deposited in the shape of Demand draft/ pay order of a Scheduled Bank or Nationalized Bank / State Bank guaranteed by Reserve Bank of India drawn in favour of the **Accounts officer (Cash), O/o GMTD, BSNL, Srikakulam**, and the 2<sup>nd</sup> cover should contain the tender document. **In case the first cover is not annexed or earnest money is not in proper form, the 2<sup>nd</sup> cover containing tenders will not be opened at all.**
- The firm who quotes on the tender downloaded from website shall strictly follow the following procedure:

- a) The tenderer shall submit the tenders in two sealed covers marked as cover 1st and 2nd.
- b) The first cover should contain the following :**
- i) Earnest Money Deposit (EMD) in the shape of Demand draft/ pay order of a Scheduled Bank or Nationalized Bank / State Bank guaranteed by Reserve Bank of India or Bank Guarantee bond drawn in favour of the **Accounts officer (Cash), O/o GMTD, BSNL, Srikakulam** Cost of the tender documents in the shape of DD.
- ii) The Credentials of tenderer self-attested and certified by any BSNL Executive. If not certified by BSNL Executive then original documents shall be produced at the time of opening.
- c) The Second cover should contain duly filled tender document.**
- d) The first envelope containing tender fee, attested document proving fulfilment of eligibility criteria containing and EMD in proper form shall be opened first.
- iv. The second envelope shall not be opened in case
- a) Tender fee is not submitted in proper form
- b) EMD is not in proper form
- c) Firm fails to fulfill eligibility criteria based on document submitted in the first envelope.
- v. If any difference/ discrepancies found between downloaded tender forms, any hard copy issued from division office, the contents in Draft NIT issued from SDE (E)'s office will be final & binding.
- vi. Tenders received by post/courier shall not be entertained.

Last date for receipt of applications for issue of tender schedules and conditions is up to 4.00PM on **07.10.2020** on payment of **Rs. 177/-** (inclusive of all Taxes, Non-refundable) by DD to the **Accounts officer (Cash), O/o GMTD, BSNL, Srikakulam.**

The tender will be received up to 3 PM on DT: **08.10.2020** and opened at 3.30 PM on the same day. In case holiday is declared on the opening day, the tenders will be opened on the next working day

Note: Tender Documents can be downloaded from website

<http://www.ap.bsnl.co.in/tenderproject/tenderhpage2.asp>

Sub Divisional Engineer (E)

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**No:-T (1)/BSNL/ESD/SKLM/2020-21/ 30**

**Dated: 28.09.2020**

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- Copy 1) The Chief Engineer (E), BSNL Electrical Zone, Hyderabad.  
2) The SE (E), BSNL EC, Vijay Wada/Hyderabad  
3) The EE (E), BSNL ED- VSP/Wgl/Hyd-I/Hyd-II/ATP/TPT/VJA.  
4) The Accounts officer (Cash), O/o GMTD Srikakulam.  
5) The Sub-Divisional Engineer Electrical ESD, RJY/VSP/VZM.  
6) The Notice Board.  
7) [www.ap.bsnl.co.in](http://www.ap.bsnl.co.in)

Sub Divisional Engineer (E)  
BSNL Electrical Sub Division  
Srikakulam.

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**DECLARATION**

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

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It is to certify that

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

Dated: .....

Station:.....

(SIGN OF THE  
CONTRACTOR)  
WITH SEAL

## General Conditions of Contract

### 1. **Submission of Credentials**

The credentials for meeting the eligibility conditions shall be submitted along with the cost of the tender documents (in the shape of demand draft) and earnest money in first envelope. The credentials shall be self-attested and certified by any BSNL executive. If not certified by BSNL Executive then original documents shall be produced at the time of tender opening. After verification of the contents of this envelope and if found eligible then the second envelope containing the bid documents shall be opened.

### 2. **Submission of tender document**

The tenderer shall submit the downloaded original computer printout of the document from website. The photocopy shall not be accepted. If during the process of tender finalization, it is detected the tenderer has submitted tender documents after making any changes / additions / deletions in the tender documents downloaded from the website, the offer shall be summarily rejected and the EMD deposited by tenderer shall be forfeited in addition to any other action as per prevalent rules.

### 3. **Participation of Near Relatives of BSNL Employees in the tenders**

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

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

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

### 4. **Inspection of Site and Contract Documents**

For the purpose of inspection of site and relevant documents, the contractor is required to contact SDE (E)/ E.E (Elect) concerned who shall give reasonable facilities for Inspection of the same. The contractor shall inspect and examine the site and its surroundings and shall satisfy himself before commencement of work as to the form and nature of the site, the quantities and nature of work, materials necessary for completion of the works, the means of access to the site, the accommodation he may require and in general shall himself obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect his work. No extra charges consequent on any misunderstanding or otherwise shall be allowed.

5. Variation in quantities in respect of unit rates items will be governed by unit rates in the Agreement. This applies to all variations ordered during the currency of the main contract regardless of the quantity of variation. For any item of work not covered by the schedule of work, Clause 12 of PWD-8 shall apply.

**6. I.S. Standards:**

The entire system shall conform to relevant Bureau of Indian Standards as amended up to date. Where IS standards are not available the British standard(s) shall be followed. In case of conflict, the requirements of these specifications shall be given over-riding priority. The electrical and earthing work shall be carried out as per CPWD specifications for electrical works (internal) and electrical works (external) as amended up to date.

**7. Modifications/Alterations**

7.1 Modifications or alterations in the design / specifications of any equipment / material will not be permitted by the department as a matter of principle.

7.2 However, the department may relax the above stipulation in exceptional circumstance where:

a. The same is necessitated due to non-availability of material/component of certain specifications or make.

OR

b. Such alterations constitute an improvement in the opinion of the contractor.

7.3 Prior written approval of the department shall be obtained before execution of such alterations/modifications.

**8. Quality Assurance**

The EI works are to be executed in accordance to the CPWD specifications. The work is considered to be completed only after the successful completion of testing.

**9. Earnest Money**

**9.1 Value**

The amount of earnest money to be deposited with each tender is **2% of the estimated cost** put to the tender *subject to a maximum of Rs. 2 crores*. Earnest money will be acceptable in the form of CDR/FDR/DD/BG.

**9.2 Validity Period**

The validity period of the Earnest Money Deposit is kept 30 days beyond the tender validity e.g. 90 + 30 = 120 days, since the tender validity period is 90 days.

**9.3 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.

#### **9.4 Release of Earnest Money deposit**

Earnest Money deposit of all unsuccessful tenderers should be released on issue of award 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 is returned forthwith.

#### **10. Security Deposit**

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

#### **11. Increase / Decrease of tendered quantity**

BSNL will have the right to increase / decrease up to 25% of the quantity of goods and services specified in the schedule of items without any change in the unit price or other terms and conditions at the time of award of contract. In exceptional and un-avoidable cases BSNL can increase the quantity of goods and services beyond 25% of the tendered quantity with out any change in tendered and accepted unit price and also other terms and conditions as applicable at the time of award of contract.

#### **12. Period of Completion of Work**

12.1 The time will be reckoned from the 10<sup>th</sup> day after the date on which the order to commence the work issued to the contractor.

12.2 The time of completion shall be as indicated in the NIT.

#### **13. Extension of time**

If the contractor shall desire an extension of time for completion of work on the grounds of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Engineer – in –charge within 30 days of the hindrance on the account on which he desires such extension as aforesaid, and the Engineer – in – charge shall, if in his opinion reasonable grounds to be shown therefore, authorize such provisional extension of time, if any, as in his opinion be necessary or proper.

#### **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 10 weeks and thereafter subject to a maximum of 12% of the work order value for the location where the 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.

**15. TERMS OF PAYMENT:** As per BSNL EW6 & EW8

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

**16. Determination of the Contract**

The Engineer-in-Charge may determine the contract in respect of any delay, interior workmanship as per clause 3 of PWD – 8 contract conditions.

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

18.1 Tendered rates inclusive of taxes and 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 the Statute after the date of receipt of tenders and the contractor thereupon necessarily and properly pays taxes or levies, the contractor(s) shall be reimbursed the amount so paid provided such payment if any is not in the opinion of EE (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor(s).

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

18.3 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/VAT/Sales Tax on Works Contract & service tax. 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.

**19. Tax and Duties**

- a) All rates quoted by the firm shall be inclusive of all taxes and duties including service tax, VAT, ED, and WCT etc. Octroi exemption certificate will not be issued. Form 'C' shall be issued by BSNL on request.
- (b) All statutory deductions shall be made at source and a certificate for the same shall be issued.
- (c) No bill for the work (on receipt of the equipment) shall be made unless payment voucher for excise duty is submitted.
- (d) The service tax payment voucher from the authorities shall be submitted before the release of security deposit.
- (e) Registration No. for service tax, VAT and excise duty is compulsory.

**20. Processing of contractors / suppliers bills**

The agency shall submit the following along with bills

(As applicable to the concern agency)

(a) Service tax and Excise duty registration numbers must be noted on the bills

(b) Excise invoice / Gate pass

(c) Certificate from the agency stating that EPF contribution as applicable to the Employees engaged by him, are made from time to time.

sd/

Sub Divisional Engineer (E)  
BSNL Electrical Sub Division  
SRIKAKULAM.

## SPECIFICATIONS FOR THE WORK OF PROVIDING EI & FANS

1. The work shall be carried out as per current CPWD specifications for Electrical works as amended from time to time and Indian Electricity Rules as amended up to date.
2. The work shall be supervised by a qualified technical staff.
3. Layout of the work will be given by the Engineer in charge or his duty authorized representative at the site of work.
4. Following categories of wiring shall be done on separate conduits.
  - a) Power plug
  - b) Light and fan wiring
  - c) Emergency light point wiring
  - d) Telephone wiring e) AC unit wiring.
5. The No. of power plug points and emergency light point (fed from DC supply) shall not exceed 2 per circuit.
6. Earthing sets work shall be carried out in the presence of the Engineer-in-charge or his authorized representative.
7. Samples of all the materials, fittings accessories switch gears etc., shall be approved from the Engineer-in-charge before using the same on the work. Rejected material shall be removed immediately form the site of work.
8. The contractor will have to carry out the following test at his cost and intimate test results before final bills are paid. Nothing extra will be paid to him on this account.
  - 1) Earth test
  - 2) Polarity test
  - 3) Insulation test
  - 4) Earth continuity test of the surface recessed conduit pipes.
9. Any damages done to the building by the contractor during the executing of the work shall have to be made good at his cost and risk. If it is not done within a reasonable time determined by the Executive Engineer (E) then the same will be got done at his cost departmentally after giving notice to him.
10. The outlet boxes, IC boxes for switch gears and ends of conduit etc., for different categories of conduit runs catering for different types of electrical wiring as mentioned in clause above shall be painted inside/outside with different colours satisfying different categories mentioned so as to avoid mixing of various circuits and their wiring and nothing extra will be paid for this.
11. At the time of laying conduit pipes in the slab and in recess the contractor will keep wire of 15 SWG GI throughout the conduit pipe and will have to take special care so that the conduit does not pass through air conditioning ducts, grills columns, beams etc. If any such necessity is foreseen special written permission of Executive Engineer (Electrical) should be obtained before such work is carried out. In case of failure the contractor will not be paid on this account. The contractor should recess the conduit in the walls before they are plastered and co-ordination with the progress of building work. Any damages thus done will have to be made good at the cost of the contractor. The conduit pipes should be mechanically and electrically continuous.

12. The bakelite covers for the switches; plug sockets etc., shall not be removed or broken for taking connections which shall be done at their back by prdg, suitable wooden reaper in the IC boxes where found necessary. All wooden boxes for switches, plug and regulator etc., shall be provided with 1/8" 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 cross of columns is not necessary. This has to be decided before casting of slab so that unnecessary length of conduit is not laid there in.
14. All the IC distribution sub-main board and corresponding switch near shall be sign-written clearly indicating the No. of distribution boards, type of load it is serving and the number of circuits contained in the distribution box. Details of the routes led from a particular distribution box shall be placed in tabular form on the reverse of the cover of the distribution box.
15. Underground cables both of 11KV and 1.1 KV grade should be subjected to pressure of insulation tests before and after laying the same in the ducts. In case of unsatisfactory tests, the cost of all repairs and replacement and all extra works of removal and relaying will have to be made good by the contractor at his own risk.
16. While making the end connections of wires, no strand shall be cut and the termination of wires shall be done with necessary lugs and ferrules without any extra payment.
17. The bus bars of the single phase distribution box shall be of solid aluminium strip instead of sheet metal.
18. Lugs should be provided while terminating 8 SWG GI wire for earth continuity without any extra payment.
19. The termination of conduit etc., in the junction box to be provided above DBs should be done by making proper holes knockouts instead of cutting the box.
20. The contractors will have to make arrangements to take the materials to site of work at his own cost and risk. Octroi, if paid by the contractor for the materials supplied by the Department can be claimed by his against the original vouchers.
21. If any conduits were laid before award of this work the recovery for the same will be made from the contractor at rates specified in the SR 94 (internal) plus abatement of tender.
22. The contractor shall submit the completion plan as required vide general specifications for electrical works. Part-I (internal) & part – II (external) as applicable within 30days the completion of the work. In case of contractor fails to submit the completion plan as aforesaid he shall be liable to pay sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 2500/- as may be fixed by the S.E. (E).

Sd/-  
Sub Divisional Engineer (E)  
BSNL Electrical Sub Division  
Srikakulam.

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

<b>S. No.</b>	<b>Item</b>	<b>Makes</b>
<b>1</b>	<b>Engine</b>	<b>Ashok Leyland /Cummins/ Cater pillar / KOEL/ Volvo Penta / Mahindra &amp; Mahindra (up to 40 KVA) /Escorts (up to 30 KVA)/ Eicher (up to 20 KVA)</b>
<b>2</b>	<b>Alternator(Brushless)</b>	<b>Crompton Greaves (AL. series) / KEC / Leroy Somer / Stamford/Jyoti Ltd</b>
<b>3</b>	<b>Battery (Lead Acid / Mntc. Free)</b>	<b>Amara Raja / AMCO / Farukawa / Hitachi / Exide/ Prestolite / Standard</b>
<b>4</b>	<b>HV Switchgear (Vacuum Circuit Breaker/SF6 )</b>	<b>Biecco Lawrie / Crompton / Kirloskar / MEI / Jyoti Ltd</b>
<b>5</b>	<b>Transformer (Oil filled / Dry type)</b>	<b>ABB / Schneider Electric /Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar / Siemens</b>
	<b>a) Above 400 KVA</b>	
	<b>b) Up to 400 KVA</b>	<b>In addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear</b>
<b>6</b>	<b>Air Circuit Breaker</b>	<b>L&amp;T/ Schneider Electric / Siemens</b>
<b>7</b>	<b>MCCB(Ics=Icu)</b>	<b>L&amp;T/ Schneider Electric / Siemens</b>
<b>8</b>	<b>SDF units</b>	<b>L&amp;T/ Schneider Electric / Siemens/ HPL/Havells</b>
<b>9</b>	<b>Power Contactors</b>	<b>L&amp;T/ Schneider Electric / Siemens/ Lakshmi(LECS)</b>
<b>10</b>	<b>Change Over Switch</b>	<b>HPL / Havells / H-H Elcon</b>
<b>11</b>	<b>Intelligent APFC Relay</b>	<b>L&amp;T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB</b>
<b>12</b>	<b>Bus Bar Trunking/ Sandwiched Bus Duct</b>	<b>Moeller/L&amp;T/Schneider Electric/ABB/Legrand/Zeta</b>
<b>13</b>	<b>Power Capacitors (MPP/APP)</b>	<b>L&amp;T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati</b>
<b>14</b>	<b>Digital/ KWHr meter</b>	<b>Schneider Electric/ AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&amp;T/ABB</b>
<b>15</b>	<b>Cold shrink HT/LT Cable Joint</b>	<b>Denson / 3M(M-Seal )/ Raychem</b>
<b>16</b>	<b>Rubber Matting</b>	<b>ISI mark</b>

17	MCB/ Isolator /ELCB/RCCB/ Distribution Board	Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL
18	MS/ PVC Conduit	ISI mark
19	Cable Tray	MEM/Bharti/Ratan/Slotco/Profab
20	HT/LT Cables	ISI mark
21	PVC insulated copper conductor wire	ISI mark
22	Centrifugal Pump	Amrut / BE / Beacon / Batliboi / Crompton / Jyoti / Kirloskar / KSB / Mather & platt / WASP/Grundfos
23	Submersible Pump	Crompton/Amrut / BE / Calama / Kirloskar / KSB
24	Motors	ABB/ Bharat Bijlee / Crompton Greaves / Schneider Electric / HBB / KEC / Siemens/Jyoti Ltd
25	Fresh Air Fans	GE / Khaitan/Almonard/Crompton
26	Starter	ABB / BCH / Schneider Electric / L&T / Siemens /
27	Single Phase Preventer	L&T / Minilec / Siemens / Zerotrip
28	GI/MS Pipe	ATC / ATL / BST / GSI / ITC / ITS / IIA / JST / Jindal /TTA / Tata/Zenith
29	Foot Valve	ISI mark
30	Gate Valve	Advance/Audco/Johnson Controls/Zoloto/Annapurna / Fountain / Kirloskar / Leader / Sant / Trishul
31	Compressors	Carrier/Emerson copeland/York/Danfoss (for chillers only)
32	Resin Bonded Glass wool	Fibre Glass / Pilkington / UP Twiga
33	Expanded Polystyrene	BASF(India) Ltd.
34	Gauge	Feibig / H.Guru / Pricol
35	Controls	FLICA / Honeywell / Indfoss / Penn-Danfoss / Ranco / Ranutrol / Sporland
36	Fine Filters	Anfiltra Effluent / ARW / Athlete/ Airtake/ Dyna / Kirsloskar/ Puromatic/ Purafill/ Purolator / Tenacity
37	GI Sheet	HSU Jindal / National / Nippon Denro / Sail / Tata
38	Heat Detector	Appollo / Chemtron/ Edward / Fenwal/ Hochiki / Nitton /System Sensor/ Wormald/Honeywell Essar/Notifier
39	Ionization Detector	Appollo / Cerebrus / Edward/ /Fenwal / Hochiki / Nitton / System Sensor / Wormald

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

**Note:**

1. The accessories such as CT / PT/Measuring instrument/relays provided by approved make in respect of Transformer / HT Panel / DG / AC Package units as supplied by approved manufacturer along with the equipments are also acceptable in addition.

Sd/-  
Sub Divisional Engineer (E)  
SRIKAKULAM

## ANNEXURE - D

Addendum/Modification to PWD - 8 Form.

- | S.No. | Description  |
|-------|--|
| 1     | Security Deposit clause shall be governed by special condition of contract clause 16.  |
| 2.    | Clause 10 CC shall not be applicable as a stipulated time for individual contract shall be 3 months or less.   |
| 3.    | Clause 29A shall be governed by Clause 20 of special conditions of contract.   |
| 4.    | Clause 2 shall be read in conjunction with Clause 17 of special conditions of contract.  |
| 5.    | Conditions of contract definitions: All references to <ul style="list-style-type: none"><li>i) CPWD/Public Works Dept./P&amp;T Dept.</li><li>ii) D.G. Works/Additional Chief Engineer/Chief Engineer of Zone.</li><li>iii) Administrative Head of CPWD/P&amp;T Dept.</li><li>iv) CPWD Circles/Civil Circles.</li><li>v) Ministry of Works, Housing and Supply.</li></ul> |

In various Clauses shall be taken to mean

- i) BSNL Civil Engineering Wing.
- ii) Principal Chief Engineer (E), BSNL.
- iii) Administrative head of BSNL.



CERTIFICATE/ UNDERTAKING

(To be submitted by the contractor/firm-submitting web downloaded Tender)

1. I/ We certify that I/We have gone through the terms and conditions of standard PWD-6 form containing general conditions of contract and shall abide by the same.
2. I/We hereby agree the PWD-6 and PWD-8 forms shall form part of the agreement in case the work is awarded to us.
3. I/We certify that I/ We are submitting original computer print outs of the documents down loaded from the web site.
4. I/We certify that no changes/additions/ deletions in the tender documents down loaded from the web site have been made. If during the opening of tender or during the process of tender finalization, it is detected that I/ We have submitted tender documents after making any changes/additions/ deletions knowingly/ unknowingly by me/us EMD submitted by me/us may be forfeited in addition to this I/We shall be liable for any other action as per prevalent rules of the department.

Signature of Contractor  
With seal

**CERTIFICATE TO BE SIGNED AND SUBMITTED BY THE TENDERERS  
PARTICIPATING IN THE BSNL  
TENDERS / EXECUTION OF WORKS**

I ..... S/o ..... R/o

.....

..... hereby certify that none of my relative(s) as defined in the tender document is / are working in BSNL unit as per details given in the 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.

Date:

Signature of Contractor with seal\_

**SCHEDULE OF QUANTITIES:-**

Name of work:- Attending and rectification of electrical break down maintenance works in TE buildings Srikakulam SSA for the year 2020-21 SH: Attending electrical faults at Hirmandalam groups, GT road exge, Arasada BTS, Vangara BTS and repairing of EA sets at Narasannapeta TE and Burja TE

SN	Description of item	Quantity	Rate	Unit	Amount
<b>SH-I: HIRAMANDALAM</b>					
1	S/F of following electrical components on existing hylam sheet including interconnections, testing etc as required.				
	a.63A 4pole Isolator	1		job	
	b. 63A Fuse cutouts with fuse bases and carriers.	6		Nos	
	b. 100A Fuse cutouts with fuse bases and carriers.	3		Nos	
<b>SH-II: GT Road Exge</b>					
2	S/F of following electrical components on existing hylam sheet including interconnections, testing etc as required.				
	a.63A 4pole Isolator	1		job	
3	Attending electrical complaint for extending the supply to AC unit i/c fault tracing and making necessary interconnections i/c replacing faulty / burnt electrical terminals etc as reqd.	1		Job	
<b>SH-III: Arasada BTS</b>					
4	S/F of following electrical components on existing hylam sheet including interconnections, testing etc as required.				
	a.63A 4pole onload changeover switch with sheet steel enclousure (M/s.HPL socomec/ SS Make)	1		job	
	b. S/L 10 Sq.mm copper wire	10		mtrs	
	c. 10 Sq.mm copper lugs	10		Nos	
5	S/M end termination with suitable copper / aluminium lugs of the following sizes i/c crimping and connection etc., as reqd.				
	a) 35 sq.mm aluminium lug	10		nos	

6	Dismantling the control wiring in control panel and replacing the faulty terminals and attending electrical complaint etc as reqd.etc as reqd.	1	Job	Job
<b>SH-IV: Vangara BTS</b>				
7	Attending electrical complaint and fault tracing of nuetrln break, removing and jointing of electrical cables to avoid nuetral break etc as reqd. etc as reqd.	1	Job	Job
<b>SH-V: Tekkali3 BTS</b>				
8	S/F of following electrical components on existing hylam sheet including interconnections, testing etc as required.			
	a.S/L of 16 Sq.mm Copper wire	5	mtrs	Job
	b. S/L 10 Sq.mm copper wire	5	mtrs	No
	c. 10/16 Sq.mm copper lugs	30	Nos	job
	d. 40mm PVC Pipe	5	mtrs	No
9	S/M end termination with suitable copper / aluminium lugs of the following sizes i/c crimping and connection etc., as reqd.			
	a) 35 sq.mm aluminium lug	10	nos	Each
10	Dismantling of the old meter box, angular frame and other old wiring and transportation of them to TE Tekkali and handing over etc as reqd.	1	Job	Job
<b>SH-VI: Narasannapeta TE</b>				
11	Supplying and fixing the radiator water pump suitable for 63 KVA generator i/c dismantling the faulty water pump etc as reqd	1	Job	each
12	Supplying and fixing the generator V belts suitable for 63 KVA EA set etc as reqd.	1	set	Each
13	Testing the EA set on exchange load after repair and handing over the working Ea set to the concerned etc as reqd	1	Job	each
<b>SH-VII: Burja TE</b>				
14	Supplying and fixing diesel oil and lube oil filter and bearing washers suitable for 15 KVA generator i/c dismantling the faulty filters etc as reqd	1	Job	each

15 Testing the EA set on exchange load after repair  
and handing over the working Ea set to the  
concerned etc as reqd 1 Job each

Total  
Add GST 18%  
Grand Total

(CONTRACTOR)

SUB DIVISIONAL ENGINEER(E)  
BSNL ELE SUBDIVISION  
SRIKAKULAM

IMPORTANT NOTES:-

- 1 The prices shall be quoted after taking into account the entire credit on inputs available under the GST taxation
- 2 The firm shall be responsible to ensure that the GST value shown in the above columns are correct & input tax Credit for the same is admissible to BSNL as per GST Rules
- 3 Invoice /Bill should be preprinted with serial number and GST registration number of the vendor as well as BSNL and shall be uploaded in the GST portal within the prescribed time period, so as to avail input tax credit by BSNL. Due to any reasons, attributable to the vendor, bsnl could not avail input tax credit as furnished above, the same will be recovered from the payment due to the vendor without any prejudice to the interest of BSNL.)
- 4 The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices offered inclusive of duties and livies (, packing, forwarding, freight and insurance charges etc., but excluding input tax credit admissible to BSNL as indicated in the price schedule. Octroi / Entry Taxes are not to be included in the composite price and hence the same will not be considered for the purpose of evaluation and comparison of responsive bids. However, Octroi / entry taxes will be paid extra as per actuals wherever applicable on production of proof of payment / relevant invoices documents.
- 5 If any levy / duty is not payable or documentary proof is not produced, the amount for the same shall be deducted.
- 6 The rates for all items of work shall, unless clearly specified otherwise, include cost of all labour, materials and other inputs involved in the execution of the terms as specified in the scope of work.
- 7 No advance payments can be made. Stipulations like levy of interest if payment is not made in a specified time are also not acceptable and the payment is governed by the normal BSNL practice.
- 8 Input tax credit to BSNL  
(Vendor should provide necessary documentary proof as required by GST act 2017 for availing input tax credit by BSNL , failing which the quoted amount of input tax credit by the vendor will be recovered from the payment due to the vendor without any prejudice to the interest of BSNL.)

CONTRACTOR

Sub-Divisional Engineer (Ele)  
BSNL Electrical Sub-Division,  
Srikakulam

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**DECLARATION**

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

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**It is to certify that**

- (1) I / We read and under stood all the terms and conditions in BSNL EW  
6&8 forms, which is available in the web site"tenders.ap.bsnl.co.in".**
- (2) And, I / We abide the rules and contract conditions mentioned in the above  
BSNL EW 6& 8 forms**

**Dated: .....**

**Station:.....**

**(SIGNATURE OF THE CONTRACTOR)  
SEAL OF CONTRACTOR**

Bharat Sanchar Nigam Limited  
(A Government of India Enterprise)

Electrical Wing

Electrical Division:

Sub Division:

Certified that this tender  
schedule Contains  
.....pages only.

- NIT No.: 1. DIVISION:  
2. SUB DIVISION:  
3.

Notice Inviting Tenders  
( As per Tendering Procedure in BSNL revised upto date)

1. Tenders in the prescribed form are hereby invited on behalf of the BSNL for the work of :  
.....  
...  
.....  
...  
.....  
...

Estimated cost: Rs. ....

2. (a) Printed forms of tenders consisting of the detailed plans, complete specifications, the schedule of quantities of the various classes of works to be done and the set of conditions of contract to be complied with by the persons whose tender may be accepted, can be purchased, at the Divisional / Sub divisional office between the hours of 1100 hrs and 1600 hrs. every day except on Sundays and public Holidays on payment of Rs. .... in cash.
- (b) The site for the work is available/ or the site for the works shall be made available in parts.
- (c) The tender forms can also be downloaded from the website.
- (d) Before tendering, the contractor shall inspect the site and fully acquaint himself about the condition with regard to accessibility of site and site nature and the extend of grounds, working condition, including stocking of materials, installation of T&P etc., and conditions affecting accommodation and movement of labour etc., required for the satisfactory execution of the contract. No claim whatsoever on such account shall be entertained by the BSNL in any circumstances.
3. Tenders which should always be placed in sealed covers with the name of the work written on the envelope will be received by the Executive Engineer/ Sub Divisional Engineer (Elect.) Division/ Sub Division ..... Upto 1500 hours on ..... and will be opened by him in his office on the same day at 1530 hours.
4. The time allowed for carrying out the work will be ..... months from the 10<sup>th</sup> day after the date of written order to commence the work.
- 5) Issue of tender form will be stopped two days before the date

..... fixed for opening of tenders. Tenders will be sold on working days, no tenders will be sold after 1600 hours.

6 a) Earnest Money amounting to Rupees ..... in the form of demand draft/ FDR/ BG/ CDR of a nationalized/scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of Accounts Officer, BSNL Electrical Division ..... must accompany each tender and each tender should be in two sealed covers, one cover containing the EMD in proper form and other cover containing tender , superscribed as “ Tender for the work of .....” and addressed to Executive Engineer (E)/ Sub Divisional Engineer (Electrical) BSNL, Electrical Division/ Sub Division. The Validity period of EMD is 120 days, from the date of opening of tender. In case of e-tendering, each tender should be in two sealed covers, first containing credentials for meeting the Eligibility conditions along with the cost of tenders and EMD in proper form, second cover containing tender documents. The credentials shall be self-attested and certified by any BSNL Executive. If not certified by BSNL Executive then original documents shall be produced at the time of tender opening. After verification of the contents of this envelope then second envelope containing the bid document shall be opened.

b. The EMD of all the unsuccessful tenderers shall be released on issue of award letter to the successful tenderer. This shall be done within one week of award letter.

c. Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.

7 a) The contractor should submit and confirm Chartered Accountant Certificate in respect of turnover and other registration certificate [Enlistment in BSNL, Electrical License, Sales Tax] with attested copies (self-attested and counter attested by any executive of BSNL/MTNL or gazetted officer of GOI) as applicable along with the application on printed letter head for purchase of tender.

b) The contractor shall submit and confirm his permanent account number (PAN) issued by the Income Tax Department.

c) The tenderer should submit the valid WCT/ Sales Tax/ VAT registration certificate

08. i) Performance Guarantee: The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee / CDR/FDR/DD (of a nationalized / Scheduled Bank in a standard format) within two weeks from the date of issue of award letter. This period can be further extended by the Engineer-in-charge upto a maximum period of 2 weeks on written request of Contractor. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.

ii) Security deposit: In addition to performance guarantee stated above, a sum @

10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum be deducted with the sum already deposited as earnest money, will amount to security deposit of 5% of the Tendered value of the work.

9) The acceptance of a tender will rest with the ..... 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.

10. Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

11. The BSNL reserves itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.

12 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).

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). 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)

13. No employee in BSNL/ Govt. of India is allowed to work as a contractor for a period of two years of his retirement from service without the prior permission. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission as aforesaid before submission of tender and engagement in the contractors service.

14. The tender for the works shall not be witnessed by the contractor who himself/themselves has/ have tendered or who may and has/have tender for the same work. Failure to observe this condition would render tenders of the contractors tendering as witnessing the tender is/are liable for summarily rejection.

15. It will be obligatory on the part of the tenderer to sign each page of the Schedule of work and the tender documents for all the component parts and after the work is awarded he will have to enter into a separate agreement for each component with the officer concerned.

16. Any tender not submitted in proper manner or if it contains too many corrections, over writings of absurd rates, and absurd amount will be liable to be rejected and the BSNL will be at liberty to take such action as it may deem fit without any reference to the tenderer.

17. 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.

18. 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.

19. Unsealed tenders will be summarily rejected.

20. The contractor should read the tender documents carefully before submitting the tender.

21. 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.

22. The tenderer shall furnish a declaration to this effect (in case downloaded tender) that no addition/deletion/correction have been made in the tender document submitted and is identical to the tender document appearing on website. Every page of downloaded tender shall be signed by the tenderer with stamp (seal) of his firm /organization.

23. This Notice Inviting Tender shall form part of the Contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-

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

b) Standard form.

24. ELIGIBILITY CRITERIA: - To be Filled in by EE/ SDE.

Signature of Executive Engineer/ Sub Divisional Engineer  
Electrical Division/ Sub Division.

For and on behalf of  
Bharat Sanchar Nigam Limited.

Contractor  
Engineer

Executive Engineer / Sub Divisional

SDE/EE/CONTR

BHARAT SANCHAR NIGAM LIMITED  
(A Government of India Enterprise)

CIRCLE - \_\_\_\_\_ TELECOM CIRCLE  
BRANCH: EW

DIVISION - \_\_\_\_\_  
SUB DIVISION - \_\_\_\_\_

(A). Tender for the work of:-

\_\_\_\_\_  
\_\_\_\_\_

(i) Issued to (contractor) \_\_\_\_\_  
(ii) Tender Cost \_\_\_\_\_ (iii) Receipt No. \_\_\_\_\_  
(iv) Date of application \_\_\_\_\_ (v) Date of issue \_\_\_\_\_

(vi) Signature of officer issuing the documents \_\_\_\_\_

(vii) Designation \_\_\_\_\_

(B). (i) To be submitted by (time) \_\_\_\_\_ hours on (date) \_\_\_\_\_ to

\_\_\_\_\_

(ii). To be opened in presence of tenderers who may be present at \_\_\_\_\_ hours  
on

\_\_\_\_\_ in the office of \_\_\_\_\_

T E N D E R

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..... is hereby forwarded in the form of Deposit at call receipt/FDR//Bank guarantee of a Nationalized/Scheduled Bank as earnest money. If I/We, fail to commence the work specified I/We agree that the said BSNL shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and the same may at the option of the competent authority on behalf of BSNL be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.
5. Should this tender be accepted, I/We agree to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered upto maximum of percentage mentioned in clause 12.3 of the tender form and those in excess of that limit at rates to be determined in accordance with provisions contained in clause

12.2.

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

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

(Signature of contractor )  
Seal of Contractor

Date:

Occupation of Witness

A C C E P T A N C E

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

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

BSNL Dated .....

For & on behalf of

Designation

Signature \_\_\_\_\_