

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

INDEX

INDEX	1
NOTICE INVITING TENDER	2
ELIGIBILITY CHECK LIST FOR BIDDERS	8
COMPUTERISED MEASUREMENT BOOK	12
GENERAL CONDITIONS	17
PROFORMA OF SCHEDULES	22
SCHEDULE OF QUNATITIES	25
LIST OF APPROVED MAKES OF BSNL ELECTRICAL WING	27
MODEL FORM OF BANK GUARANTEE (ANNEXURE -I)	29
PERFORMANCE SECURITY GURANTEE BOND (ANNEXURE -II)	30
NO NEAR RELATIVE WORKING CERTIFICATE (ANNEXURE -III)	32
UNDERTAKING REGARDING EPF PROVISIONS (ANNEXURE -IV)	32
UNDERTAKING REGARDING ESI PROVISIONS (ANNEXURE -V)	33
UNDERTAKING TO ABIDE BY EW 6 & EW 8 (ANNEXURE -VI)	33
COMPLIANCE SHEET (ANNEXURE -VII)	34

Executive Engineer (E)

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

NOTICE INVITING TENDER



**Bharat Sanchar Nigam Limited
(A Govt. of India Enterprise)**

The Executive Engineer (E), BSNL Electrical Division-II, 6th Floor, Room No.602, BSNL Bhavan, 5-9-25, Hill Fort Road, Adarshnagar, Hyderabad-63, invites on behalf of the Chairman, BSNL item rate **Tender** for the following work from Firms/ contractors satisfying the following conditions:

1	NIT No.	73/BEDH-II/2019-20 dtd: 11.02.2020
2	Name of Work& Location	Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.
3	Estimated Cost put to tender	Rs.85751/-
4	Earnest Money	Rs.1715/-
5	Cost of Bid Document	Rs.177/-
6	Period of completion	Six Months
7	Last date & Time of submission of Eligibility documents & Bid documents	Up to 15.00 Hrs. on 21-02-2020
8	Last date & Time for submission of EMD and cost of bid document in sealed envelope in Division office. (OFF LINE)	Up to 15.00 Hrs. on 21-02-2020
9	Time & date of opening of sealed envelope containing EMD and cost of Bid document of intending bidders in Division office. (OFF LINE)	At 15.30Hrs On 21-02-2020

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

A. ELIGIBILITY CONDITIONS:

The Contractors satisfying the following conditions:

1. Average annual turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost put to tender.

AND

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

OR

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

- a. Three similar successfully completed works costing not less than the amount equal to 40% of the estimated cost put to tender.

OR

- b. Two similar successfully completed works costing not less than the amount equal to 60% of the estimated cost put to tender.

OR

- c. One similar successfully completed work costing not less than the amount equal to 80% of the estimated cost put to tender.

The testimonials regarding the list of works satisfactorily completed (at least for the requisite magnitude) should be obtained from an Officer not below the rank of Executive Engineer in the organization concerned.

NOTE: 1) The estimated cost of one year shall be considered to evaluate the eligibility criteria

2) Similar work means any " Any HT Electrical installation/maintenance work"

B. IMPORTANT NOTES:

1. The self-attested copies of the following documents shall be scanned and submitted offline.
 - a. Tender Fee in the prescribed format.
 - b. EMD in the prescribed format.
 - c. Certificate of Financial Turnover from Chartered Accountant.
 - d. Documents fulfilling Eligibility criteria
 - e. Enlistment certificate issued by BSNL if applicable.
 - f. **Valid Electrical license issued by any state Govt. if applicable**
 - g. GST Registration Number details.
 - h. PAN Card.
 - i. EPF and ESI Registration certificate if applicable
 - j. Undertaking to abide by EW-6 and EW-8.
 - k. Undertaking regarding EPF and ESI provisions.
 - l. Certificate of work experience issued by client department if applicable.
 - m. Undertaking regarding No Near relative working certificate.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

1. The intending tenderer shall furnish the cost of Tender document in the form of Demand draft/ Pay Order of a Scheduled Bank or Nationalized Bank/ State Bank guaranteed by Reserve Bank of India. The DD/ PO for **Rs.177/-** (Inclusive of GST), which is non-refundable, shall be drawn in favour of "**Accounts officer (cash), Main, BSNL, Hyderabad**"
2. Earnest Money amounting to **Rs.1715/-** in the form of demand draft/ FDR/ BG/ CDR of a nationalized/ scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of "**Accounts officer (cash), Main, BSNL, Hyderabad**" must accompany each tender. The Validity period of EMD is 120 days, from the date of opening of tender.
3. 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.
4. Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.
5. The Bid documents 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 and other necessary documents, can be seen and downloaded from website http://www.telangana.bsnl.co.in/tenders_active.php
6. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED (BSNL EW-8) are available on BSNL website http://www.telangana.bsnl.co.in/tenders_active.php as well as in the Division Office.
7. Contractor must ensure to quote rate of each item, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" {Zero}.
8. The contractor shall submit the DD for cost of Bid documents and EMD in the prescribed form and documentary evidence of pre qualification criteria, in a sealed envelope with mention of Name of work, date & time of opening of bids in a sealed bid box in the office of **Executive Engineer (Electrical), BSNL Electrical Division-II, Hyderabad** up to **3.00PM on 21-02-2020** and shall be opened on **21-02-2020 at 3.30 PM** in presence of AO, SDE [E-P] and contractors present.
9. **Performance Guarantee (PG):** 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 up to 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.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

10. **Security Deposit:** In addition to the 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 tender value of the work.
11. The acceptance of tender will rest with the **EE(E) BSNL** Hyderabad who does not bind himself to accept the lowest tender or any other tender & 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.
12. Canvassing in connection with tender is strictly prohibited & the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
13. The BSNL reserves itself the right of accepting the whole or any part of the tender & the tenderer shall be bound to perform the same at the rates quoted.
14. 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 & for partnership firm certificate will be given by all the Directors of the company.
15. 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' 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).
16. 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 & 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

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

will also be debarred for further participation in the concerned unit.

17. 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.
18. 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.
19. 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 with the officer concerned.
20. 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.
21. 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 tender. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
23. Conditional tenders or tender with conditional rebates shall be summarily rejected .
24. Agreement shall be drawn with the successful Tenderer on prescribed Form No. **BSNL EW-6/8**, which is available on BSNL website http://www.telangana.bsnl.co.in/tenders_active.php Tenderer shall quote his rates as per various terms and conditions of the said form.
25. In case the eligibility credentials are found to be fake or falsified 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

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

including any other action under the contract or existing law.

26. 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, formally sign the contract consisting of:

- a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender and as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto
- b) Standard EW-8 form.

27. EPF PROVISIONS: The agency has to comply with the provision of EPF and miscellaneous provisions Act - 1952 and employees Provident Fund scheme- 1952 as amended up to date in respect of labours/ employees engaged by them for this work. Any consequences arising due to non-complying of provisions as specified above shall be of the sole responsibility of the firm only. The agency shall give an undertaking to this effect as per the prescribed proforma **(Annexure IV)**.

28. The site for the work shall be made available in parts.

29. If any terms and conditions mentioned in this NIT document are in contravention to BSNL EW6/ EW 8 General Conditions of Contract, the terms and conditions mentioned in this document shall prevail.

Executive Engineer (E)
For and on behalf of BSNL

Lr.No. 24(1)/BEDH-II/2019-20/399

Dt: 11.02.2020

- 1) The Chief Engineer (E), BSNL AP Zone, Hyderabad.
- 2) The Superintending Engineer (E), BSNL Electrical Circle, Hyderabad/Vijayawada.
- 3) The Executive Engineer (E), BSNL, Electrical Div. No.I, Hyd/ Vijayawada, VSP/TPT/WGL/ATP.
- 4) SDE (E) Electrical Sub Division I, II, III & V, Hyderabad.
- 5) All Eligible Contractors.
- 6) SR SS/SDE (EP)/AO/Cashier/Auditor/Notice Board.

Executive Engineer (E)
BSNL Electrical Division - II
Hyderabad

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

ELIGIBILITY CHECK LIST FOR BIDDERS

Name of Work: **Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.**
 NIT No. **73/BEDH-II/2019-20 dtd: 11.02.2020**

Sl. No	DESCRIPTION	Submitted/ Submitted Yes/ No
	The Firms who fulfill the following requirements shall be eligible to bid and proof shall be submitted. Please refer EW 6.	
1	Average annual turnover during the last 3 years, ending 31 st March of the previous financial year, should be at least 30% of the estimated cost put to tender.	
	AND	
1.2	BSNL enlisted contractors in Electrical category of respective class as per their tendering limits.	
	OR	
1.3	<i>Experience</i> of having successfully completed similar works in BSNL during last 7 years ending last day of month previous to the one in which applications are invited , should be either of the following :	
	Three similar successfully completed works, costing not less than the amount equal to 40% of the estimated cost put to tender	
	OR	
	Two Similar successfully completed works costing not less than the amount equal to 60% of the estimated cost put to tender.	
	OR	
	One similar successfully completed works, costing not less than the amount equal to 80% of the estimated cost put to tender	
	NOTE: 1)The estimated cost of one year shall be considered to evaluate the eligibility criteria 2) Similar work means any “ Any HT Electrical installation/maintenance work”	
Note: - Copy of Credentials as applicable for proof of eligibility prescribed shall be produced by the firm.		
2.	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	

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

	a) Cost of Bid Document: Demand draft amounting to Rs.177/- (inclusive of GST) drawn in favour of "Accounts officer (cash), Main, BSNL, Hyderabad, (Demand Draft only)	
	b) EMD -amounting Rs.1715/- in the prescribed form. Earnest Money should be in the form of demand draft/ FDR/ BG (As per format at Annexure-I)/ CDR of a nationalized/ scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of "Accounts officer (cash), Main, BSNL, Hyderabad," must accompany each tender. The Validity period of EMD is 120 days, from the date of opening of tender.	
3.	Self-attested copy of PAN card.	
4.	Self-attested copy of valid GST registration Certificate	
5	Self-attested copy of CA certificate for turnover (as applicable).	
6.	Self-attested copy of EPF Registration certificate if applicable	
7.	Self-attested copy of ESI Registration certificate if applicable	
8.	The tenderer should give a certificate that none of his/her relative is employed in BSNL units. In case of proprietorship firm, limited company, partnership firm certificate will be given by authorised signatory of the company (Annexure III)	
10.	Duly filled and signed undertaking regarding EPF Provisions (Annexure IV)	
11.	Duly filled and signed undertaking regarding ESI Provisions (Annexure V)	
12.	Duly filled and signed Undertaking and to abide by EW6 and EW 8 (Annexure VI).	
13.	Compliance Statement (Annexure VII)	

I. OFFLINE SUBMISSIONS:

The contractor shall submit the DD for cost of Bid documents and EMD in the prescribed form, in a sealed envelope with mention of Name of work, date & time of opening of bids in the tender box available in the office of **Executive Engineer (Electrical), BSNL Electrical Division-II,** Hyderabad before the prescribed date & time as notified and same shall be opened in presence of AO, SDE [E-P] and contractors present (Ref EW6).

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

ELECTRICAL WING

Zone: - BSNL AP Electrical Zone, Hyderabad

Division: -BSNL Electrical Division-II, Hyderabad

Tender for the work of :- **Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.**

Name of Contractor/firm:.....

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, as per the 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.1715/-** 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.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

- 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 letter of Acceptance. I / We agree to keep the Performance Bank Guarantee validity as per relevant clause of Notice Inviting Tenders.
- 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 case thumb impression is given by the contractor in place of signature)
(Name & Postal address)

Signature of contractor

(Seal of Contractor)

Occupation of Witness

Date:

ACCEPTANCE

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

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

- a)
- b)
- c)

For & on behalf of **BSNL**

Signature

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

COMPUTERISED MEASUREMENT BOOK

CLAUSE 6A

Engineer-in-Charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract.

All measurements of all items having financial value shall be entered by the contractor and compiled in the shape of the Computerized Measurement Book having pages of A-4 size as per the format of the department so that a complete record is obtained of all the items of works performed under the contract.

All such measurements and levels recorded by the contractor or his authorized representative from time to time, during the progress of the work, shall be got checked by the contractor from the Engineer-in-Charge or his authorized representative as per interval or program fixed in consultation with Engineer-in-Charge or his authorized representative. After the necessary corrections made by the Engineer-in-Charge, the measurement sheets shall be returned to the contractor for incorporating the corrections and for resubmission to the Engineer-in-Charge for the dated signatures by the Engineer-in-Charge and the contractor or their representatives in token of their acceptance.

Whenever bill is due for payment, the contractor would initially submit draft computerized measurement sheets and these measurements would be got checked/test checked from the Engineer-in-Charge and/or his authorized representative. The contractor will, thereafter, incorporate such changes as may be done during these checks/test checks in his draft computerized measurements, and submit to the department a computerized measurement book, duly bound, and with its pages machine numbered. The Engineer-in-Charge and/or his authorized representative would thereafter check this MB, and record the necessary certificates for their checks/test checks.

The final, fair, computerized measurement book given by the contractor, duly bound, with its pages machine numbered, should be 100% correct, and no cutting or over-writing in the measurements would thereafter be allowed. If at all any error is noticed, the contractor shall have to submit a fresh computerized MB with its pages duly machine numbered and bound, after getting the earlier MB cancelled by the department. Thereafter, the MB shall be taken in the Divisional Office records, and allotted a number as per the Register of Computerized MBs. This should be done before the corresponding bill is submitted to the Division Office for payment. The contractor shall submit two spare copies of such computerized MB's for the purpose of reference and record by the various officers of the department.

The contractor shall also submit to the department separately his computerized Abstract of Cost and the bill based on these measurements, duly bound, and its pages machine numbered along with two spare copies of the bill. Thereafter, this bill will be processed by the Division Office and allotted a number as per the computerized record in the same way as done for the measurement book meant for measurements.

The contractor shall, without extra charge, provide all assistance with every appliance, labour and other things necessary for checking of measurements/ levels by the Engineer-in-Charge or his representative.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

Except where any general or detailed description of the work expressly shows to the contrary, measurements shall be taken in accordance with the procedure set forth in the specifications notwithstanding any provision in the relevant Standard Method of measurement or any general or local custom. In the case of items which are not covered by specifications, measurements shall be taken in accordance with the relevant standard, method of measurement issued by the Bureau of Indian Standards and if for any item no such standard is available then a mutually agreed method shall be followed.

The contractor shall give not less than seven days' notice to the Engineer-in-Charge or his authorized representative in charge of the work before covering up or otherwise placing beyond the reach of checking and/or test checking the measurement of any work in order that the "Same may be checked and/or test checked and correct dimensions thereof be taken before the same is covered up or placed beyond the reach of checking and/or test checking measurement and shall not cover up and place beyond reach of measurement any work without consent, in writing of the Engineer-in-Charge or his authorized representative in charge of the work who shall within the aforesaid period of seven days inspect the work, and if any work shall be covered up or placed beyond the reach of checking and/or test checking measurements without such notice having been given or the Engineer-in-Charge's consent being obtained in writing the same shall be uncovered at the Contractor's expense, or in default thereof no payment or allowance shall be made for such work or the materials with which the same was executed.

Engineer-in-Charge or his authorized representative may cause either themselves or through another officer of the department to check the measurements recorded by contractor and all provisions stipulated herein above shall Inapplicable to such checking of measurements or levels.

It is also a term of this contract that checking and/or test checking the measurements of any item of work in the measurement book and/or its payment in the interim, on account of final bill shall not be considered as conclusive evidence as to the sufficiency of any work or material to which it relates nor shall it relieve the contractor from liabilities from any over measurement or defects noticed till completion of the defects liability period.

1. As per the CPWD Works Manual 2014.

7.1 Computerised Measurement Books (CMB's) and Bills to be submitted by the contractor

7.2 Application and format of the Computerised M.B.

(1) Irrespective of value of the work the conventional Measurement Books shall be replaced by a bound volume of computerized measurements to be furnished by the contractor, duly machine numbered for the pages, and with an MB number given by the Division Office. The pages of these Measurement Books shall be of A-4 size. All these Measurement Books belonging to a Division shall be serially numbered, and a record of these Computerised Measurement Books shall be maintained in a separate Register in Form CPWA 92.

(2) The same format as in existing Measurement Books shall be used for the Computerised Measurement Books. The measurements shall be carried forward from the previous recorded measurements as per the existing procedure.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

7.3 Mode of measurements

(1) The measurements shall be recorded and entered in computerised format in the first instance by the contractor, and a hard copy shall be submitted to the Department. All entries shall be made exactly as per the existing procedure.

(2) These measurements shall then be 100% checked by the Junior Telecom Officer (E) If Junior Telecom Officer (E) is not available, the Sub-Divisional Engineer (E) shall perform 100% check of the measurements. The contractor shall incorporate all such changes or corrections, as may be done during these checks, to his draft computerised measurements, and submit to the department the corrected computerized measurements in the form of a book, duly hard bound in red colour on the lines of the conventional Measurement Books now in use, and with its pages machine numbered.

(3) The Sub-Divisional Engineer (E) and the Executive Engineer (E) shall test check these computerized measurements as per the existing instructions. This book shall be treated as a Computerised Measurement Book.

(4) The Junior Telecom Officer (E), Sub-Divisional Engineer (E) and the Executive Engineer (E) shall record the necessary certificates for their checks and test checks as per the existing procedure in this Computerised Measurement Book.

(5) The Computerised Measurement Book shall be allotted a serial number as per the Register of Computerised Measurement Books.

7.4. Cutting or over-writing in the computerised M.B. not allowed

(1) The Computerized Measurement Book given by the contractor, duly bound, with its pages machine numbered, shall have no cutting or over-writing.

(2) It is the responsibility of the Junior Telecom Officer (E) or the Sub-Divisional Engineer (E) as the case may be to ensure that the checks and test checks done by them in the initial draft measurements are correctly incorporated in the Computerized Measurement Book before they record their certificates.

(3) In case of any error, the Computerised Measurement Book shall be cancelled, and the contractor shall re-submit a fresh Computerized Measurement Book. This should be done before the corresponding computerised bill is submitted to the Division for payment.

(4) The contractor shall submit as many copies of Computerised Measurement Books as may be required, and as are specified in the NIT/ contract, for the purpose of reference and record in the various offices of the department.

7.5. Computerised Bill to be submitted by the contractor

(1) The contractor shall submit his running and final bills in a computerised form in the same format as the existing conventional bills, with all the pages machine numbered, and hard bound, and with all the entries made as per the existing procedure.

(2) The contractor shall submit as many copies of the computerized bills as may be required for the purpose of reference and record in the various offices of the department.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

(3) The bill shall be carried forward from the previous running account bill as per the existing procedure.

(4) These computerised bills shall be processed by the various offices for payment, as per the existing procedure.

7.6. Review of Measurement Books

(1) The Measurement Books are required to be reviewed by Divisional Accountant under the supervision of Executive Engineer (E). The Sub-Divisional Engineer (E)s are required to submit the Measurement Books in use in the Sub-Divisions to the Divisional Office, from time to time, so that at least once a year the entries recorded in each of the Books are subjected to a percentage check. The Divisional Officer should ensure that this annual review is conducted regularly and positively every year.

(2) The review by the Divisional Accountant shall be in the following respects:-

(i) To compare the books in use with part I of the Register of Measurement Books maintained in CPWA Form 92, and to note necessary corrections in the Register.

(ii) To see that no original sheet is torn out of a Measurement Book, nor any entry erased or disfigured, and that the corrections made therein are initialed.

(iii) To see that pencil entries are not inked over.

(iv) To test check the accuracy of calculations, and to ensure that the instructions regarding writing of Measurement Books, recording of measurements, and their test check are being followed properly.

(3) On receipt of the Measurement Books in the Divisional Office, the Executive Engineer (E) should indicate in column 2 of the "Review Notes" in each Measurement Book as referred to in para 7.6(5) below as to which of the calculations are to be test checked by the Divisional Accountant. The extent of this check will be determined by the Executive Engineer (E) having regard to the result of the last review, and should cover complete set of measurements.

(4) Payments based on the entries reviewed should be traced into various accounts and verified. Similarly, supplies or issue of materials should be traced into the various accounts, contractor's ledger, etc. and verified.

(5) Communication of discrepancies

The defects, discrepancies, etc. noticed should be communicated to the Sub-Divisional Engineer (E) concerned and summarized in the following form in the Measurement Book that has been test audited:

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

Review Notes by Divisional Accountant

Pages reviewed generally	Calculations selected by Divisional Officer for re-check		Defects and discrepancies noticed	Dated initials of	
	Pages	Dated initials		Divisional Accountant	Divisional Officer
1	2	3	4	5	6

(6) The Measurement Book completed and returned for record during the year should also be similarly examined prior to their final record in the Divisional Office.

7.7. Loss of Measurement Books

(1) When a Measurement Book is lost, an FIR should be lodged with the police.

(2) An immediate report of the facts of the case together with an explanation of all parties concerned responsible for the loss should also be made promptly to the Chief Engineer, who is empowered to sanction the write off of the lost Measurement Books. In case of theft or loss of a blank Measurement Book, the Superintending Engineer shall be the competent authority to write off the loss.

(3) Such losses for write off should be reported in the proforma as at Appendix 10.

(4) It is also necessary that the measurements in the lost Measurement Book should be reconstructed at the earliest.

2. The M.B. movement Register is opened in the Sub Division and all other routine procedures followed in case of normal Measurement books are also followed in computer Measurement Books also.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

GENERAL CONDITIONS

1. The prices shall be quoted after taking in to account the entire credit on inputs available under the MODVAT SCHEME introduced w.e.f 1st March 1986 and further extended on more items till date.
2. The firm shall be responsible to ensure that ED/ Customs Tariff Head shown in the above columns are correct & CENVAT Credit for the amount shown above are admissible as per CENVAT Credit Rules 2004.
3. Invoice favouring BSNL shall be issued by the supplier indicating ED, GST, etc.,
4. **The evaluation and comparison of responsive bids shall be done on the basis of Net Cost to BSNL.**
5. In case supplier/ Contractor submits exemption certificate from the commercial tax department, the WCT shall not be deducted at source.
6. If any levy/ duty is not payable or documentary proof is not produced, the amount for the same shall be deducted.
7. **The item rates quoted shall be inclusive of all taxes/ duties, GST etc. Nothing extra will be paid. No concession forms/ certificates will be issued by the Department.** However GST shall be paid on production of valid tax Invoice submitted by Agency.
8. The rates for all items of work, shall, include cost of all labour, materials and other inputs involved in the execution of the item as specified in the scope of work.
9. Contractor shall mention his "GST Registration" details. _____
10. WCT, surcharge, GST, etc. if any and cess will be deducted from the contractor's bill as per the TS GST Act & Rules as applicable from registered and unregistered contractors at the time of deduction and TDS certificate will be issued.
11. Tenders with conditional rebate offer will be summarily rejected.
12. Any additional condition will not be accepted and in case of such an event, the tender is liable for rejection.
13. Rates may be quoted in the schedule only and if quoted elsewhere the same shall not be considered.
14. The tenders those which are having more corrections/ over writing in the Schedule/ using white fluid shall be liable to be rejected.
15. All materials used should be of BSNL approved make as per List of approved makes.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

16. Earnest Money:

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.

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.

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.

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.

17. (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 (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 work.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

(i) 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.

18. Increase/ Decrease of tendered quantity:

BSNL will have the right to increase or decrease up to 25% of the contract value depending upon the requirement 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 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.

19. Completion of work:

The work should be completed as per the time schedule mentioned in the table of mile stones in proforma of schedules.

Note : This is a call basis maintenance tender. The agency has to attend the fault immediately as per urgency after intimation of the fault by BSNL field staff. The intimation in the form of e-mail or SMS or Phone Call or letter in writing shall be the final and binding by the agency

20. 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.

21. 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

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

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.

22. Payment Terms:

Payment to the contractors during progress of work is regulated for all items as below

- a. 100 % of the price shall be paid after completion of work at any TE building as RA bill.**
- b. Final Bill will be made as per the decision of Engineer-in-charge as per BSNL requirement.**

23. Variation in Excise Duty:

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 actuals against documentary proof. However, beyond this period the department will take advantage of any duty reduction but will not pay extra on account of duty increase.

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

25. A) 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(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).

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

C) The contractor(s) shall within a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (Forty 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.

26. The firm must meet all statutory obligations towards the labours employed at its own cost. Nothing extra shall be paid by BSNL to meet the requirements as per (a) above.

27. CURTAILMENT OF QUANTITY:-

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

BSNL reserves the right to enforce curtailment in the assigned quantum of work for any contractor on the grounds of defaults/delay in regard to execution of the individual work assigned

28. Miscellaneous :

The firm must meet all statutory obligations towards the labours employed at its own cost.

29. TERMINATION OF CONTRACT ON DEATH OF CONTRACTOR:

Without prejudice of any of the rights or remedies under this contract, if the contractor dies, the Engineer in charge on behalf of the BSNL shall have the option of terminating the contract and the agreement will be closed immediately, the due payments will be issued to the legal heirs of the agency after producing the proof of the same along with death certificate of the agency.

30. INDULGING OF CONTRACTOR IN CRIMINAL/ ANTISOCIAL ACTIVITIES AND CASES UNDER INVESTIGATION/ CHARGE SHEETED BY CBI OR ANY OTHER GOVERNMENT AGENCIES ETC.:

If the CBI/Independent External Monitor (IEM)/ Income tax/ Sales Tax/ Central Exercise/ Custom Departments recommends such a course-Action will be taken as per the directions of CBI or concerned department.

31. The Specification for Carrying out this work shall be as per Standard specifications circulated by BSNL Corporate office and latest amendments.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities: Appended from page **25-26**

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
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. Model form of bank guarantee: Appended from **Page 29**

<u>SCHEDULE 'E'</u> Reference to General Conditions of contract.	BSNL EW8 amended up to date (taxes mentioned in the EW8 may be read in conjunction with the GST-2017 rules)
Name of work:	Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.
Estimated cost of work:	Rs.85751/-
i) Earnest money:	Rs.1715/-
ii) Performance Guarantee:	5% of tendered value of work.
iii) Security Deposit:	5 % of the tendered value of the work.
<u>SCHEDULE 'F'</u> GENERAL RULES and DIRECTIONS:	
Definitions:	See below
2(v) Engineer-in-Charge	Executive Engineer (E) – BSNL Electrical Division-II, Hyderabad.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

2(vi) Accepting Authority	Executive Engineer (E) – BSNL Electrical Division-II, Hyderabad.
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	10%
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.	15 Days (As per Tender)
Clause 2 Authority for fixing compensation under Clause 2.	Superintending Engineer (E), BSNL Electrical Zone, Hyderabad.
Clause 5 Number of days from the date of issue of award letter of acceptance for reckoning date of start Milestone(s) as per table given below:-	10 days

Table of Mile Stone(s)			
Sl. No.	Description of Milestone (Physical)	Time allowed in days (from date of start)	Amount to be with-held in case of non-achievement of milestone
1	Not Applicable		
2			
OR			
Sl. No.	Financial Progress	Time allowed (from date of start)	Amount to be with-held in case of non-achievement of milestone
1	1/8 th (of whole Work)	1/8 th (of whole work)	Not Applicable
2	3/8 th (of whole work)	1/2 (of whole work)	
3	3/4 th (of whole work)	3/4 th (of whole work)	
4	Full	Full	

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

Time allowed for execution of work. Authority to give fair and reasonable extension of time for completion of work.	6 Months (Individual Break down call shall be attended within two days) EE(E), SE(E)
Clause 7 Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.	As Applicable.
Clause 10CC Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.	NOT APPLICABLE
Clause 11 Specifications to be followed for execution of work (separately for each component of work)	Specifications as appended with Schedule of work.
Clause 12 12. 2 & 12.3 Deviation Limit beyond which clauses 12.2 and 12.3 shall apply	50%
12.5 Deviation Limit beyond which clauses 12.2 and 12.3 shall apply for foundation work	NOT APPLICABLE
Clause 16 Competent Authority for deciding reduced rates.	Superintending Engineer (E), BSNL Electrical Zone, Hyderabad.
Clause 30 (i) Minimum Qualifications and experience required for Principal Technical Representative.	
a) For works with estimated cost put to tender more than Rs. 5 Lakhs for Elect/ Mech. Works	Graduate Engineer(Electrical) or Diploma Holder in Electrical With 3 Years Experience.
b) For works with estimated cost put to tender more than Rs. 2 lakh but less than Rs.5 Lakhs for Elect/ Mech. Works	NA
c) Discipline to which the Principal Technical Representatives should belong.	Elect./Mech.
d) Minimum experience of works	Three (3) years
e) Recovery to be effected from the contractor in the event of not fulfilling provision of clause 30(i)	Rs.4,000/- p.m. for Graduate Rs.2,000/- p.m. for Diploma holder

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

SCHEDULE OF QUANTITIES

Name of work: Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

Sl.No.	DESCRIPTION OF ITEM	Qty		Rate	Unit	Amount
1	Attending emergency break down of HT services such as indoor/outdoor type Transformer substation, HT yard etc., by identifying the fault, isolating/rectifying/bypass the fault, restoration of permanent/temporary supply including meggering and checking of 11kv Insulators, CT/PT, Transformers, HT cable and structure with 5000/2500 volts Insulation Tester, cleaning of HG fuse, arcing rods, providing new HG fuses etc., complete as reqd.	4	Jobs		Job	
2	Attending breakdown/faults of LT electrical services such as ACB breakdown/Mechanical interlock failure/Low Power Factor problems, including checking of all capacitor/contactors, re-arrangement of capacitor banks healthy Contactors and Capacitors, restoration of Unity Power Factor etc., as per site requirements as reqd.	1	Jobs		Job	
3	Supplying and making Out Door type end termination with Heat Shrinkable joint kit to the existing 3 core 95 sq.mm XLPE, 11 KV H.T Cable including crimping of lugs, providing cable supporting clamps , testing etc., as required. (M/s.Raychem or S S Make)	2	Nos		Each	
4	Supplying and fixing of following accessories including providing internal connections, removing faulty etc., as required.					
	a) 11KV Post top Insulators	2	Nos		Each	
	b) 11KV Pin Insulators	2	Nos		Each	
	c) 9 KV, 5KA LAS	2	Nos		Each	

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

	d) 63A HRC Cylindrical fuses	3	Nos		Each	
	e) 63A HRC DIN type fuses	2	Nos		Each	
	f) 250A HRC DIN type fuses	2	Nos		Each	
	g) 400A HRC DIN type fuses	2	Nos		Each	
	h) 20 kVAR capacitor, Heavy duty, MPP type, suitable for operation on 440V, 50 Hz AC Supply	1	Nos		Each	
	i) 16 sq mm copper flexible cable with crimping of lugs	6	Mtrs		Mtr	
	j) Supply and applying of Monoplast sealing for HT bushings in CT/PT	2	Job		Job	
5	Supply and filling of Transformer Oil in Incoming PT/Transformers/HT Panel up to required level.	20	Ltrs		Ltr	

Total

Add GST @18% _____

Total including GST

Contractor

**Executive Engineer (E)
BSNL Electrical Division- II,
Hyderabad**

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

LIST OF APPROVED MAKES OF BSNL ELECTRICAL WING

S	Item	Makes
1	Engine	Ashok Leyland /Cummins/ Cater pillar / KOEL/ Volvo Penta / Mahindra & Mahindra (up to 200 KVA) /Escorts (up to 30 KVA)/ Eicher (up to 35 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 / manufacture approved make in case battery is of same make as that of Engine and supplied by the Manufacturer only (Kirloskar, Cummins pulse etc.,)
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 / 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

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

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 / System Sensors
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, Thyssenkrupp Elevator(India)

NOTE:

1. Any other make approved by BSNL EW, corporate office till the last date of opening of tender is also acceptable.
2. The accessories such as CT/ PT/ measuring instrument/ relays provided by approved make in respect of Transformer/ HT Panel/ DG/ AC Package Units as supplied by approved manufacturer along with the equipment's are also acceptable in addition.

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

MODEL FORM OF BANK GUARANTEE (ANNEXURE -I)

(for submitting EMD)

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

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

THE CONDITIONS of the obligation are:

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

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

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

Signature of the Bank

Signature of the Witness

Name of Witness Address of Witness

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

PERFORMANCE SECURITY GURANTEE BOND (ANNEXURE -II)

1. In consideration of the CMD, BSNL (hereinafter called 'BSNL') having agreed to exempt _____ (hereinafter called 'the said contractor(s)') from the demand under the terms and conditions of an agreement/ Advance Purchase Order No. _____ dated: _____ made between _____ and _____ for the supply of _____ (hereinafter called "the said agreement"), of security deposit for the due fulfillment by the said contractor (s) of the terms and conditions contained in the said Agreement, on production of the bank guarantee for _____ we, (name of the bank) _____ (hereinafter refer to as "the bank") at the request of _____ (contractor(s)) do hereby undertake to pay to the BSNL an amount not exceeding against any loss or damage caused to or suffered or would be caused to or suffered by BSNL by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.
2. We (name of the bank) _____ do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the BSNL by reason of breach by the said contractor(s)' of any of the terms or conditions contained in the said Agreement or by reason of the contractors(s)' failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of BSNL in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding _____.
3. We undertake to pay to the BSNL any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/supplier(s) shall have no claim against us for making such payment.
4. 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

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

is made on us in writing on or before the expiry of ONE YEAR after actual completion of work.

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

Dated the _____ day of _____

for _____

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

NO NEAR RELATIVE WORKING CERTIFICATE (ANNEXURE -III)

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

(Seal of the firm)

(Signature of Bidder)

UNDERTAKING REGARDING EPF PROVISIONS (ANNEXURE -IV)

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

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

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

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

* strike out whichever is not applicable

** Attach a self-attested photo copy of the above said EPF registration certificate.

(Seal of the firm)
Bidder)

(Signature of

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

UNDERTAKING REGARDING ESI PROVISIONS (ANNEXURE -V)

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

* I/We have employed only _____ persons in our establishment and hence the ESI and Miscellaneous provisions Act, 1948 is not applicable to my / our establishment.

* I/ We have registered as per the ESI and Miscellaneous provisions Act, 1948 and our registration no is _____. We undertake to keep it valid during the currency of contract.

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

* strike out whichever is not applicable

** Attach a self-attested photo copy of the above said ESI registration certificate.

(Seal of the firm)

(Signature of Bidder)

UNDERTAKING TO ABIDE BY EW 6 & EW 8 (ANNEXURE -VI)

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

(Seal of the firm)
Bidder)

(Signature of

Name of work:- Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20.

COMPLIANCE SHEET (ANNEXURE -VII)

I/We _____ (Name of firm) have read/ Understood all the terms and conditions as mentioned in bid Document and accept the same unconditionally.

I/We state to comply in full manner with all the General, Commercial, Technical and Operating financial conditions of the tender document for the work of **Providing HT Electrical Break Down and maintenance works under PGM/GM (Central), ESD-I HTD for the year 2019-20**.without any reservation and deviation.

**(Seal of the firm)
Contractor)**

(Dated Signature of

IMPORTANT NOTE:

The BSNL EW 8 Form is available at <http://www.telangana.gov.co.in> for ready reference and download.