

Name of work : Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020)
BTS Sites in Warangal SSA



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

ELECTRICAL WING

BSNL ELECTRICAL SUB DIVISION
WARANGAL.

T E N D E R D O C U M E N T

FOR THE WORK OF

Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA

NAME OF THE TENDERER.....
WITH ADDRESS :

.....

Sd/-
Sub Divisional Engineer (E)
BSNL Electrical Sub Division
Warangal - 506001.

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NAME OF TENDERER:

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This downloaded tender document contains 41 pages only

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Office of the Sub Divisional Engineer (E),
BSNL Electrical Sub-Division,
IIInd floor, E-10B Exchange building
Hanmakonda, Warangal-506012,
Ph: 0870-2447777, Mobile: 94901-46375
Email : esdwql@gmail.com



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

No: W-7/NITS DIVN/ED/WGL/2019-10/64

Dated : 07.01.2020

DIV NIT NO. 09/EEE/BSNL/ED/WGL/2019-20

NOTICE INVITING TENDER : 06/SDE/BSNLESD/WGL/2019-20

The Sub Divisional Engineer (E), BSNL Electrical Sub Division, Warangal invites sealed item rate tenders on behalf of Bharat Sanchar Nigam Limited for the following work from the contractors satisfying the below mentioned eligibility conditions.

Sl. No	Name of Work	Estimated Cost -Rs.	EMD Rs.	Tender Cost Rs.	Time for Completion Of Work.
1	Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA	43,448/-	869/-	177/--(Non refundable)	1 Months

A. ELIGIBILITY CRITERIA:-

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

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

B. IMPORTANT NOTES:

1. Self-attested documentary proof of satisfying the eligibility conditions as per "A" above shall be submitted.
2. The contractor should submit and confirm self-attested Chartered Accountant certificate in respect of turnover and other registration certificate ie., Enlistment in BSNL etc., as applicable.
3. The contractor shall submit and confirm his permanent account number (PAN) issued by income Tax Department.
4. The Tenderer should submit the valid GST registration certificate as per GST law (SGST/ CGST/ IGST as applicable).
5. EPF Registration Certificate and ESI Registration certificate.
6. 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

Sd/-

Contractor

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Sub Divisional Engineer(E)

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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 " the Accounts officer (cash), BSNL, Warangal "

7. The tenderer shall submit the tenders in two sealed covers marked as cover 1st and 2nd. 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), BSNL, Warangal and the 2nd cover should contain the tender document. In case the first cover is not annexed or earnest money is not in proper form, the 2nd cover containing tenders will not be opened at all.
8. Conditions and tender forms can be had from this office upto 2 PM on Dt: 17-01-2020 on payment of Rs. 177/- (inclusive of all Taxes, Non-refundable) by cash to Accounts officer (cash), BSNL, Warangal
9. The tender will be received up to 3.00 PM on Dt: 17-01-2020 and opened at 3.30 PM on the same day in presence of AO, SDE [E-P] and contractors present. In case holiday is declared on the opening day, the tenders will be opened on the next working day.
10. The tender 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 www.ap.bsnl.co.in.
11. The firm who quotes on the tender downloaded from the website shall be 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), BSNL, Warangal . 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) Second envelope shall contain duly filled tender document.
 - d) The Name of work, Name of tenderer and last date of receipt of tender should be mentioned on each envelope. In the absence of which the tender shall not be considered and unopened tender returned forthwith.
12. The first envelope containing tender fee, attested documents proving fulfillment of eligibility criteria and EMD in proper form shall be opened first.

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13. 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 on the basis of document submitted in the first envelope.
14. If any difference/ discrepancies found between downloaded tender form, any hard copy issued from sub division office, the contents in Draft NIT issued from SDE (E)'s office will be final & binding.
15. Tenders received by post or courier shall not be accepted.
16. Earnest Money amounting to **Rs.869/-** 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), BSNL, Warangal** must accompany each tender. The Validity period of EMD is 120 days, from the date of opening of tender.
17. 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.
18. Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.
19. General conditions of contract for works in BHARAT SANCHAR NIGAM LIMITED (BSNL EW-8) are available on BSNL website <http://www.ap.bsnl.co.in> as well as in the Division Office.
20. 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.
21. ~~**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.~~
22. **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,

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23. The acceptance of tender will rest with the SDE(E) BSNL Warangal 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.
24. Canvassing in connection with tender is strictly prohibited & the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
25. 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.
26. 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.
27. 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).
28. 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 will also be debarred for further participation in the concerned unit
29. 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.

Sd/-

30. 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.
31. 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.
32. Any tender not submitted in proper manner or not as per the directions, BSNL will be at liberty to take such action as it may deem fit without any reference to the tenderer.
33. 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.
34. 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.
35. 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.
36. Conditional tenders or tender with conditional rebates shall be summarily rejected.
37. Agreement shall be drawn with the successful Tenderer on prescribed Form No. **BSNL EW-6/8**, which is available on BSNL website <http://www.ap.bsnl.co.in>. Tenderer shall quote his rates as per various terms and conditions of the said form.
38. 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 including any other action under the contract or existing law.
39. 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:

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- 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

40. 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).

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

42. 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.

Sd/-

Sub Divisional Engineer (E)
For and on behalf of BSNL

Copy to:

- 1) The CE(E) (E), BSNL Electrical Zone, Hyderabad - for information pl.
- 2) The PGM TD, WGL - for information pl.
- 3) The SE (E), BSNL Electrical Circle, Hyderabad - for info pl.
- 4) The Executive Engineer (E), BSNL Electrical Division-I/II
Hyd/VJA/VSKP/TPT/ATP-for info pl.
- 5) The SDE(E), BSNL Electrical Sub Division, WGL/KAA/ADB for information.
- 6) The AO(Cash), BSNL ED, WGL - for information.
- 7) The AO(Cash), % PGM TD, WGL - for information.
- 8) The Eligible Contractors
- 9) Notice board/File copy/spare copy..

Sd/-

Sub Divisional Engineer (E)

D E C L A R A T I O N

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

It is to certify that

- 1) I / We have submitted the tenders in the proforma as downloaded directly from the website & there is no change in formatting, number of pages etc.
- 2) I / We have submitted tender documents which are same / identical as available in the website.
- 3) I / We have not made any modification / corrections / additions etc in the tender documents downloaded from web by me / us.
- 4) I / We have checked that no page is missing and all pages as per the index are available & that all pages of tender document submitted by us are clear & legible.
- 5) I / We have signed (with stamp) all the pages of the tender document before submitting the same.
- 6) I / We have sealed the tender documents properly before submitting the same.
- 7) I / We have submitted the cost of tender along with EMD.
- 8) 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

(CONTRACTOR)

(SIGN WITH SEAL)

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ELIGIBILITY CHECK LIST FOR BIDDERS

Name of Work: Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020)
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NIT No. **06/SDE(E)/BSNL/ESD/WGL/2019-20; Dt:07/01/2020**

Sl. No	DESCRIPTION	Submitted/Uploaded/Yes/No
1]	The Firms who fulfil 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	
1.1	BSNL enlisted contractors in Electrical category of respective class as per their tendering limits.	
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	
	a) Cost of Bid Document: Demand draft amounting to Rs. 177/- (inclusive of GST) drawn in favour of "A.O (Cash), BSNL,, Warangal, (Demand Draft only)	
	c) EMD -amounting Rs. 859/- 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 "A.O (Cash), BSNL, Warangal" 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 CA certificate for turnover (as applicable).	
5.	Self attested copy of valid GST registration Certificate	
6.	Self attested copy of EPF registration certificate	
7.	Self attested copy of ESI registration certificate	
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)	
9.	Duly filled and signed undertaking regarding EPF Provisions (Annexure	

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	IV)	
10.	Duly filled and signed undertaking regarding ESI Provisions (Annexure V)	
11.	Duly filled and signed Undertaking and to abide by EW6 and EW 8 (Annexure VI).	
12.	Compliance Statement (Annexure VII)	

Notes for Submission of Documents:

- (a) The bidder shall have to down load the Tender Documents and shall be submitted before the prescribed date and time. (Ref. Notice Inviting Tenders)
- (b) The bidder shall submit the Original documents of DD towards cost of Bid documents and EMD in the prescribed form, and Eligibility documents (as per para 19 of NIT) **and tender submission format** in a sealed envelope mentioning Name of work, date & time of opening of bids along with the name and address of the bidder in the Tender box in the office of **Sub Divisional Engineer (Electrical), BSNL Electrical Sub Division, Warangal** before the prescribed date and time (Ref. Notice Inviting Tenders)
- (c) Bid documents submitted by intending bidders shall be opened only of those bidders, whose Cost of Bid Document, Earnest Money Deposit, and Eligibility documents (as per para 17 of NIT) placed in the envelope are found in order..

Seal of the firm

Signature of the Bidder

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BSNL EW-8

BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

CIRCLE - Telangana Circle

DIVISION - Warangal

BRANCH : Electrical Wing

SUB DIVISION : Warangal

Tender for the work of Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA

- (i) Issued to (contractor) _____
(ii) Tender Cost _____ (iii) Receipt No. _____
(iii) Date of application _____ (iv) Date of issue _____
(v) Signature of officer issuing the documents _____
(vi) _____
Designation _____

(B) (i) To be submitted by (time) 15.00 hours on (date) 17-01-2020 in the Office of the Sub Divisional Engineer (E), BSNL Electrical Sub Division, Warangal.

(ii) To be opened in presence of tenderers who may be present at 15.30 hours on 17-01-2020 in the Office of the Sub Divisional Engineer (E), BSNL Electrical Sub Division, Warangal.

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.869.00 is hereby forwarded in the form of Deposit at call receipt/FDR//Bank guarantee of a Nationalized/Scheduled Bank as earnest money.

Sd/-

Contractor

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Sub Divisional Engineer(E)

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If I/We, fail to commence the work specified I/We agree that the said BSNL shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and the same may at the option of the competent authority on behalf of BSNL be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

5. Should this tender be accepted. I/We agree to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered up to maximum of percentage mentioned in clause 12.3 of the tender form and those in excess of that limit at rates to be determined in accordance with provisions contained in clause 12.2.
6. I/we agree to furnish to BSNL Deposit at call receipt/FDR/Bank guarantee of a Nationalised/ 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

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 `
(Rupees.....).

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

a)

b)

Dated

For & on behalf of BSNL

Signature _____
Designation _____

GENERAL CONDITIONS

QUALIFICATIONS:

(1) **Skilled worker:-** The employee should have skill and capacity to work independently.

(2) **Un Skilled Worker:-** An unskilled employee is one who attends work that involves the performance of the simple tasks which require little or no experience.

The workforce shall have knowledge of first aid i/c electrical shock treatment, attend to fire situation and other emergencies likely to encounter for such works.

TOOLS & PLANTS

All tools and plants required for carrying out various tasks relevant to maintenance have to be arranged by agency at its own cost.

GENERAL

1. The workers engaged by firm should maintain proper discipline and good behaviour with occupants.
2. The firm shall remove such workers from the site whose behaviour is found improper. Executive Engineer's decision shall be final in this regard.
3. Any damage to the installation(s)/ building during the maintenance period due to the carelessness on the part of maintenance staff shall be the responsibility of firm & be replaced/rectified without any extra cost.
4. The agency will provide the workers with necessary Tools and plants, Testing and safety equipments.
5. Any accident or damage during maintenance/ operation will be the responsibility of the agency and the BSNL will not entertain any claim, compensation, penalty etc. on this account or on account of non-observation of any other requirement of law relevant to his work.
6. Agency has to observe all the labour rules and regulations in force and indemnify BSNL against any claims whatsoever, either from this clause or any other clause in the contract.
7. Firm shall issue ID card to their workforce whenever they enter premises for bonafide work. Nobody shall be allowed entry without work and nobody will be allowed overnight stay without work.
8. Dismantled materials shall be returned to the BSNL except those items for which the replacement is supplied by the agency.
9. The BSNL reserves the right to carry out any work at the risk and cost of the agency, if the agency fails to perform any duty as per the contract.

10. The tenderer must obtain himself at his own expense all the information necessary for the purpose of tendering.
11. The contractor or his representative should Inspect the site and acquaint him-self with all the local conditions, means of access to work and nature of work etc. No claims shall be entertained on these accounts.
12. The contractor shall not sublet the work or part thereof. However, services of specialized agencies for specific work must be obtained e.g. servicing of EA sets must be got done thorough authorized service dealers only. Regular servicing and maintenance of ACBs/ HT panel/ Transformers/ relays etc., shall be carried out through the specialized firms/persons only or by firms having required and sufficient experience to handle and service these items. Credentials of the firms may be furnished for verification.
13. While working inside the premises the agency shall be responsible to provide necessities to them as per labour law. However existing facilities like water, toilet and power for bona fide use shall be provided by BSNL. Any workforce not required for carrying out task shall not be permitted to stay in the premises.
14. Arranging Furniture and stationary to carry out the work shall be the responsibility of the firm.
15. The BSNL reserves the right to terminate the contract by giving show cause notice of one-month duration at any time during the currency of the contract without assigning any reason.
16. The BSNL reserves the right to extend the contract for a maximum period of six months at the same rate and conditions.
17. Firm should have round the clock contact telephone number and mobile phone number. In case of Emergency contractor and authorized engineer/supervisor shall be available at site on short notice from engineer-in-charge or his authorized representative and make all efforts to make the situation normal at the earliest.
18. A complaint book as per the proforma indicated shall be kept up to date at site by the firm and the same shall be available for checking and verification.
19. After the contract period is over the installation has to be duly handed over to the BSNL. The contractor shall be responsible for any discrepancies vis-à-vis, the status of installation at the start of work plus any modification carried out during the currency of the contract.
20. Any defects, shortcoming in the installation brought to the notice of the BSNL within the first 15 days of taking over the maintenance by the vendor shall be the responsibility of the BSNL.
21. Firm is responsible to keep workable spares and consumables for due performance of the contract. For critical spare parts firm shall have arrangement with dealers for prompt supply. List of Critical spares to be maintained at site is to be identified jointly by the Executive –in-Charge and the Firm.
22. Any material used/replaced by the Firm for the work shall have same specification. Alternate Make shall be allowed only after prior approval of the Engineer in charge.

Sd/-

23. The format of log books, to be maintained may be changed during the maintenance period depending on assessment of site conditions by the Engineer-in-Charge. Agency will have to implement new format/ log books without any extra payments.
24. New Log books/ formats for DATA recording in addition to the existing ones may be introduced depending on assessment of site conditions by the Engineer-in-Charge. Agency will have to implement new format/ log books without any extra payments.
25. All the log books should be properly signed by the operator, supervisor the same may be countersigned by the JTO/SDE(E) .
26. Agency shall submit list and photographs and the copy of certificates of all the maintenance personnel, it is going to deploy before taking over the work.
27. The maintenance staff may be provided with Cell phones with BSNL Sim card and Hourly SMS of important parameters should be given to JTO/SDE/EE(E).
28. List of minimum tools and Plant to be kept with the agency.
 - 28.1 Line tester
 - 28.2 Multimeter
 - 28.3 Nose plier
 - 28.4 Insulated Combination plier
 - 28.5 Insulated screw drivers 6",8",12"
 - 28.6 Spanner- Fixed, Ring & Box types-6mm to 32 mm.
 - 28.7 Hygro meter
 - 28.8 11/22 KV Rubber hand gloves
 - 28.9 Hammer with handle
 - 28.10 Allen key set of different sizes.
 - 28.11 Adjustable spanner 6",8",12"
 - 28.12 Torch
 - 28.13 Ladder
 - 28.14 Mirror with insulated handle
 - 28.15 Feeler gauges
 - 28.16 Contact lubricants
 - 28.17 Oil can
 - 28.18 Insulation Resistance tester
 - 28.19 Universal test set
 - 28.20 Mill volt drop test
 - 28.21 Blower cleaning cloth and small brush
 - 28.22 Suction Cleaner
 - 28.23 Earth resistance tester
 - 28.24 Long Nose plier
 - 28.25 Set of screw drivers
 - 28.26 Set of feeler gauge
 - 28.27 Torque wrench
 - 28.28 Clip - On meter
 - 28.29 Soldering Gun
 - 28.30 Blower (with Heater element attached)
 - 28.31 Insulation megger
 - 28.32 Earth megger.

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29. Terms of Payment:

Quarterly payment shall be made after completion of maintenance period. With each bill, certificate from the contractor that maintenance has been carried out properly and testing etc., required during the period have been performed. This certificate has to be countersigned by SDE(E)/JTO(E) .

30. Note:

- 1) In case of unsatisfactory performance during this period 10 (Ten) percent penalty of the Bill amount shall be imposed and any deficiency in labour or performance of maintenance/repair work shall be penalized. Decision of engineer-in-charge shall be final and binding.
- 2) In case of a major accident/loss on account of negligence on the part of the contractor, the engineer-in-charge may cause the same to be made good by other workmen & deduct the expense from any sums that may be due, or at any time thereafter may become due to the contractor, or from performance guarantee & security deposit or the proceeds of sale there of or of a sufficient portion thereof. The performance guarantee & security deposit of the contractor shall not be refunded before the expiry of twelve months after the issue of the certificate final or otherwise, of completion of work, or till the final bill has been prepared and passed whichever is later.
- 3) **In case of breakdown calls, if agency fails to send / arrange people within 24 hrs, then department is at liberty to attend to breakdown and the expenditure incurred will be deducted from the bills due to the agency.**

31) Period of Contract: 1(One) **Months from the date of award letter.**

32) 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)

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

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

33. Earnest Money

33.1 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 of a scheduled bank of nationalized bank/ state bank guaranteed by Reserve Bank of India.

33.2 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.

34. 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.

35. Release of Earnest Money deposit

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.

36. (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.

(ii) Security Deposit

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. This Security Deposit shall be released after handing over of EI & fans in good working condition after the expiry of AMC period to the BSNL authorities or to their authorized New Agency / Firm.

37. Increase/ Decrease of tendered quantity

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

Note: The above item is applicable only in case of supply contracts items but not for comprehensive Mtce contracts.

38. Completion of work

The contract period for this work is **1 (One) months** and the same shall be completed by covering all aspects as mentioned in the "SERVICING SCHEDULE".

39. Extension of time

If the contractor shall desire an extension of time for completion of any pending repair work prior to handing over the site / sites to the new firm / contractor or back to BSNL 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 10 days of intimation to handover the site giving reasons on account of 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.

40. Variation in Excise Duty - NOT APPLICABLE

- i. In case of statutory variation in Excise Duty in respect of EA sets only 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.
- ii. Price adjustment provision on account of change in Excise duty shall not apply in respect of equipment/component of equipment/materials other than EA sets.

Note: The above item is applicable only in case of supply contracts items but not for comprehensive Mtce contracts.

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

42.

- 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.

NOTE: No additional condition whatsoever will be accepted for turnover tax. In case of additional conditions for the payment of such taxes by the contractor the tender may be liable to be summarily rejected by the accepting authority. No conditional offer shall be entertained and rejected.
(Standing order No.258)

43. BID PRICES, TAXES AND DUTIES

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

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

- (a) The total composite price shall comprise of unit price and all other components of price need to be individually indicated/ quoted against the goods/ material/ service, it proposes to supply under the contract in the following manner :
 - (i) The Basic Unit price (Ex-Factory Price) of the goods/ services/ materials, GST payable by the supplier shall be quoted separately.
 - (ii) The liability to pay all taxes, levies etc. shall be of contractor and BSNL will not entertain any claim whatsoever in this respect.
- (b) Input Tax credit to BSNL :
 - (i) The firm shall furnish correct HSN/ SAC codes in GST challans/ invoices for availing Input Tax credit by BSNL
 - (ii) Vendors should furnish the correct taxes and cess under GST tariff head in the price Schedule. If the input tax credit for the Duties and Taxes under GST ACT 2017 is found to be not admissible at any stage subsequently owing to wrong furnishing of

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tariff Head, then the vendors will be liable to refund such non-admissible amount, if already paid along with penalty if charged by the concerned authority.

- (iii) In case where the input tax credit is not offered by the vendor as per the quotes indicated in the price schedules and subsequently at any stage it is found that input tax credit is admissible as per GST ACT 2017 then the vendors will be liable to refund the amount equivalent to such Duties & Taxes if already paid to them. However the purchaser may allow the supplier to submit necessary documents in this regard which may enable the purchaser to avail the input tax credit provided such credit is still available for the amount so paid as per GST ACT 2017.
- (iv) The purchaser reserves the right to ask the bidders to submit documentary proof confirming the correct Tariff Head from the GST authority where the tariff head furnished against the particular tendered item by different bidders differs from each other or the same is found apparently not furnished in accordance with GST ACT.
- (v) If the supplier fails to furnish necessary supporting documents for input tax credit the amount pertaining to such duties/taxes will be deducted from the payment due to the firm.
- (vi) Invoice should clearly indicate name, address and GSTIN of the supplier, date, name address and GSTIN of the recipient, Place of supply along with name of state, HSN code of Goods or Service Accounting code (SAC), breakup details of composite price i.e. basic unit price (Ex-Factory price) of the goods/ services/ materials, etc., rate of GST such as CGST/ SGST/ IGST or any other duties and taxes.
- (vii) In case of any statutory variation in regard to Input tax credits ,within the currency of individual agreement including extension of time period, the same shall be admissible as per actual Input tax credits only, subject to the condition that the reason for such extension of time period is not attributable to the agency.

44. EVALUATION OF BIDS

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

45. Miscellaneous

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

46. 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

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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.

47. **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/ GST/ Central Exercise/ Custom Departments recommends such a course-Action will be taken as per the directions of CBI or concerned department.

48. **VARIATION IN GST:**

In case of any statutory variation in regard to Input tax credit, within the currency of individual agreement including extension of time period, the same shall be admissible as per actual Input tax credit only, subject to the condition that the reason for such extension of time period is not attributable to the agency.

DETAILS TO BE SUPPLIED BEFORE STARTING THE WORK

1	Name of the Agency (With Office address)	:	
2	Name of Proprietor/partners	:	
3	Telephone No.(s) of the firm	:	
4	Name & address of the Supervisor	:	
5	24 Hours contact Numbers	:	
6	Particulars of the Licence/ Registration	:	

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 from 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

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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 aluminum strip instead of sheet metal.
18. Lugs should be provided while terminating 6/8 SWG GI wire from 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 2012 (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).

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PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities: As per enclosed schedule of work

SCHEDULE 'B'

Schedule of materials to be issued to the contractor : As per schedule attached

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/documents for the work, if any

1. NIL

SCHEDULE 'E'

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

Clause 10

Component of materials expressed as percent of total value of work 75%

Component of labour expressed as percent of total value of work. 25%

Component of P.O.L expressed as percent of total value of work. 0%

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SCHEDULE 'F'

Reference to General Conditions of contract.

Name of work:	Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA
Estimated cost of work:	Rs. 43,448/-
i) Earnest money :	Rs. 869/-
ii) Performance Guarantee :	NA
iii) Security Deposit :	10 % of the contract value of the work.
GENERAL RULES and DIRECTIONS:	Officer inviting tender The Sub Divisional Engineer (E), BSNL Elec. Division, Warangal
Definitions:	For all terms appearing anywhere in this tender document the following definitions will apply
Engineer-in-Charge	The Sub Divisional Engineer (E), BSNL Elec. Sub Division, Warangal
Accepting Authority	The Sub Divisional Engineer (E), BSNL Elec. Sub Division, Warangal
Department	BSNL
Standard CPWD/BSNL contract Form	CPWD/BSNL W-8 as modified and corrected up to date.
Time allowed for submission of Performance Guarantee from the date of issue of letter of award of work.	NA
Maximum allowable extension beyond the period provided for submission of Performance Guarantee from the date of issue of award letter of work.	NA
Authority for fixing compensation under Clause 2 of form CPWD/BSNL W- 8	SE (E), BSNL Electrical Circle, Hyderabad.
Number of days from the date of issue of letter of award of work for	10 days

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reckoning date of start			
Milestone(s) as per table given below :			
Table of Mile Stone(s) for individual work			
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	Supply of Equipment	NA	As per contract clauses for delay in overall timeline for work
2	Testing and Commissioning	NA	
Time allowed for execution of work.		1 Months	
Authority to give fair and reasonable extension of time for completion of work.		EE (E), BSNLED, Warangal/Superintending Engineer (E), BSNL Electrical Circle, Hyderabad.	
Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.		Not applicable	
Specifications to be followed for execution of work		As per contract document	
Deviation Limit beyond which clauses 12 (ii) and 12 (iii) shall apply		50%	
Clause 36 :Minimum Qualifications and experience required for Principal Technical Representative.			
a) For works with estimated cost put to tender more than i) Rs 1 lakh		Graduate with not less than 3 years experience or a diploma holder with not less than 7 years experience	
ii) more than Rs 50,000/- but less than Rs 1 lakh		Graduate with not less than 2 years experience or a diploma holder with not less than 3 years experience	

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iii)less than Rs 50,000/-	Diploma holder with not less than 2 years experience
c) Discipline to which the Principal Technical Representative should belong.	Electrical/Mechanical
d) Recovery to be effected from the contractor in the event of not fulfilling provision of clause 36(1)	Rs.4,000/- p.m. for Graduate Rs.2,000/- p.m. for Diploma holder

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sr. No.	Description of Item	Rates in figures and words at which recovery shall be made from the Contractor Rate in schedule 'B' plus 10% in case materials issued by Department	
		Excess beyond permissible Variation	Less use beyond permissible variation
1	Cement	NIL	
2	Steel reinforcement		
3	Structural Sections		
4	Bitumen issued free		
5	Bitumen issued at stipulated fixed price		

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SCHEDULE OF WORK

Name of Work: Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA						
S.No	Description of Item	Qty		Rate	Unit	Amount
1	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FR PVC insulated copper conductor single core cable etc as required.					
	[a] Group 'B'	1	Pt		Point	
2	Wiring for 3 pin 5/6 amps plug point with 1.5 Sq mm PVC insulated, copper conductor cable including providing and fixing 3 pin 5/6 amps, socket outlet on switch board (in surface/recess PVC conduit wiring system) and 5/6 amps tumbler/piano type switch, earthing the 3rd pin, painting etc., as required.	1	Pt		Point	
3	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FR PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required					
	[a] 2 x 1.5 sqmm + 1.5 sq.mm earth wire	5	Mts		Mtr	
	b) 2 X 4 sq. mm + 1 X 4 sq. mm earth wire	5	Mts		Mtr	
4	Supplying and laying of 2 x1.5 sq mm PVC insulated, copper conductor cable single core cable on surface/in existing conduit etc., as required.	10	Mts		Mtr	

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Sub Divisional Engineer(E)

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5	Supplying and fixing of 5 Amps hanging bed switch for on/off control of 60 watts lamp etc., as required.	6	Nos		Each	
6	Supplying and fixing of PVC pendent holder suitable for 230 volts , 60 watts Incandescent lamp i/c, S/f of lamp etc., as required.	6	Nos		Each	
7	Supplying and fixing PVC gang box with 2nos 3 pin 5/6 amps socket outlets and 2 nos 5/6 amps switches with connections etc., as required. (For light plugs).	6	Nos		Each	
8	Shifting of required electrical accessories such as Electrical power DBS, switch boxes, power sockets, 4 way enclosures and MS boxes for service meters of 12 sites from Warangal to Medaram jatara sites including safe loading and un-loading etc., as required.	1	Jobs		Job	
9	Installing, testing and commissioning of the above Electrical accessories such as 1 No. DB/meter box, 1 no 4 way Enclosure, power sockets etc., as required.	1	Jobs		Job	
10	Testing of existing earth pits with earth tester and tightening of total length of earth strips including replacement of bolts and nuts with new bolts and nuts wherever required, providing salt water etc., as required.	12	Jobs		Job	
11	Dismantling of all electrical accessories such as Electrical power DBs, , switch boxes, power sockets, 4 way enclosures, electrical conduits with wiring, service wires, electrical fittings and fans and any other connected electrical accessories from all temporary medaram jatara sites etc., as required.	1	Jobs		Job	

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12	Shifting of dismantled electrical accessories such as Power DBs, switch boxes, power sockets, 4 way enclosures, electrical conduits with wiring, service wires, electrical fittings and fans and any other connected electrical accessories from all temporary medaram jatara sites to Warangal stores and handing over same to the stores in charge including safe loading and un-loading etc., as required.	1	Jobs		Job
13	Providing 2 nos. Electrician for attending electrical breakdown works for Medaram jatara BTS stations etc., as required.	7	Days		day
14	Supplying and drawing 2.24mm dia copper conductor wire for loop earthing in the existing surface / recessed PVC conduit / PVC casing and capping along with other wires as required.	15	Mts		Mtr
15	Supplying and fixing of 8 SWG DIA GI Wire along with cables on surface /recess of wall etc., as required.	25	Mts		Mtr
16	Supplying and fixing of the MCBS/ Isolators in the existing DB including inter connections etc as required. (MDS or Similar superior make.)				
	a) 5A to 32 A SP MCBS	6	Nos		Each
17	S/Laying of 2 core 6 sq mm Aluminum WPT wire for service connection of NPDCL Supply along with 1 no 14 SWG GI wire etc., as reqd.	100	Mts		Mtr
					SUB TOTAL
					Add SGST @ ____%
					Add CGST @ ____%
					Add IGST @ ____%
					GRAND TOTAL

Important Note:

1	The prices shall be quoted after taking into account the entire credit on inputs under GST act introduced with effect from 1st July 2017.
2	The firm shall be responsible to see that input tax credit shown in the above columns are correct & input tax credit for amount shown above are admissible as per the GST ACT 2017.
3	Invoice favouring BSNL shall be issued by the supplier/ agency indicating GST (as applicable CGST/ SGST/ IGST) with documentary proof to avail GST input tax credit.
4	The rates quoted shall be inclusive of all taxes and duties.
5	The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices offered inclusive of all duties and taxes (but excluding input tax credit), packing, forwarding, freight and insurance charges etc., as indicated in the price schedule. Octroi/ Entry tax are not to be included in the composite price and hence the same willnot be considered for the purpose of evaluation and comparison of responsive bids. However, Octroi/ Entry tax will be paid extra, as per actuals wherever applicable on production of proof of payment/ relevent invoices/ documents.
6	If any levy / duty is not payable or documentary proof is not produced, the amount for the same shall be deducted.
7	The firm should quote for each item separately. They should not club the items while quoting.
8	In case of ambiguity, between schedule and specifications, schedule shall prevail. If there is ambiguity between "schedule and specification" verses IS / BS standards, "schedule and specification" shall prevail.
9	EPF & ESI contribution is not included in the analysis of rates, it shall be reimbursed on actual basis for the contractor.

LIST OF APPROVED MAKES OF BSNL ELECTRICAL WING

S. No.	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

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BTS Sites in Warangal SSA

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

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Contractor

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Sub Divisional Engineer(E)

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		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.

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

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 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

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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 _____

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)

(Signature of Bidder)

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)

(Signature of Bidder)

IMPORTANT NOTE:

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

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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 "Prdg Electrical works for 12 Nos. BTS sites in view of Medaram Jatara (2020) BTS Sites in Warangal SSA" without any reservation and deviation. It is certified that the Tender Document i/c all credentials has been submitted with Signatures.

(Seal of the firm)

(Dated Signature of Contractor)

IMPORTANT NOTE:

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