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

FOR

THE WORK OF

Name of work: Replacement of faulty overhead service connection at TE Atchutapuram EG SSA

N I T No.02/SDE/BSNL/ESD/RJY/2020-21

BSNL ELECTRICAL SUB-DIVISION

RAJAHMUNDRY

INDEX

Sl.No	Description	Pages
1	Front cover	1
2	Index	2
3	NIT	3-5
4	Proforma of Schedules	6-9
5	Declaration-i	10
6	Instructions to contractors	11-12
7	Special conditions of contract	13-14
8	Important note to contractors	15-18
9	Annexure-C	19-20
10	List of Approved Makes	21-23
11	Annexure-A	24
12	Declaration by Contractor	25
13	Undertaking to be furnished by the tenderer BSNL EW-6 & EW-8	26
14	Specifications	27-29
15	Schedule of Quantities	30

Certified that this tender document contains (30) pages only.

Sub-Divisional Engineer (E)
BSNL Electrical Sub Division
Rajahmundry

Bharat Sanchar Nigam Limited

(A Govt. of India Enterprise)

SHORT NOTICE INVITING TENDER

N I T No.02/SDE/BSNL ESD/RJY/2020-21 ***Dt:10-12-2020***

The Sub-Divisional Engineer (E), BSNL Electrical Sub-Division, Nannayya Sanchar Bhavan, Near Gokavaram Bus stand, Rajahmundry-01, invites on behalf of the Chairman, BSNL sealed item rate tenders for the following work from contractors satisfying the following conditions.

S.No	Name of work	Estimated cost	EMD	Tender cost (Non-Refundable)	Time for completion
1	**S.Dvn NIT No.02/Dvn NIT No.62** Replacement of faulty overhead service connection at TE Atchutapuram EG SSA	Rs.14170/-	Rs.284/-	Rs.177/-	One Month

Eligibility conditions:

I. 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

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

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

a. Valid "Chartered Accountant Certificate" and Registration Certificate with attested copies.

b. List of Works completed of the requisite magnitude along with attested copies of certificate, testimonials of their satisfactory completion from the Department concerned obtained from an officer not below the rank of Executive Engineer.The credentials should be certified by any BSNL Executive, and if it is not certified by a BSNL executive, then original documents shall be produced at the time of tender opening.

c. Copy of PAN card.

d. Valid electrical license issued by AP Electrical Licensing Board.

e. The tenderer shall submit the tenders in two sealed covers marked as cover 1st and 2nd. The name of work shall be written on the top of all the two covers.The first cover should contain earnest money deposited in the shape of DD/FDR/BG/CDR of a Scheduled Bank or Nationalized Bank / State Bank guaranteed by Reserve Bank of India drawn in favour of the **A.O (cash), O/o GMTD,BSNL,Rajahmundry** 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, cost of tender form is not in proper form or firm fails to fulfill eligibility criteria on the basis of the

documents submitted by the firm,the 2nd cover containing tenders will not be opened at all and liable to be rejected.

- Conditions and tender forms can be had from this office. Last date for receipt of applications and issue of tender schedules is up to 4.00PM on or before Dt:15–12–2020 on payment of Rs.177/- (Rs. 150/- plus 18% GST tax) as applicable. The tender cost (Non-refundable) is to be submitted in favour of **A.O (cash), O/o GMTD,BSNL, Rajahmundry.**

The tender will be received up to 3 PM on Dt:16–12–2020 and opened at 3.30 PM on the same day. In case holiday is declared on the opening day, the tenders will be opened on the next working day

Note:-Tender Documents can be downloaded from website
http://www.ap.bsnl.co.in/tenderproject/tenderhpage2.asp

2. The firm who quotes on the tender downloaded from the website shall be strictly follow the following procedure.

(i) First envelope shall contain tender application, tender fee(non refundable)in the form of separate DD, Credentials of the 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 and EMD in the shape of DD/FDR/BG/CDR of Scheduled bank. Separate DD should be attached for tender fee and EMD

(ii) Second envelope shall contain duly filled tender document.

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.

3. The first envelope containing tender fee, attested documents proving fulfillment of eligibility criteria and EMD in proper form shall be opened first. All originals of eligibility criteria shall be produced for verification at the time of tender opening.

4. The second envelope shall not be opened in case:

a. Tender fee & EMD 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.

5. If any difference/ discrepancies found between downloaded tender form, any hard copy issued, the contents in Draft NIT issued from this office will be final & binding.

6.Tenders received by post or courier shall not be accepted.

Sub-Divisional Engineer (E)
BSNL Electrical Sub Division
Rajahmundry

No. NIT-02/SDE/BSNL ESD/RJY/2020-21/80 Dt.10-12-2020

Copy to:

1. The General Manager, GMTD, Rajahmundry
2. The SE(E), BSNL Electrical Circle, Vijayawada/Hyderabad.
3. The Executive Engineer (E), BSNL Electrical Division, Visakhapatnam/Vijayawada/Tirupati/Kurnool.
4. The AO(CASH), O/o GMTD, Rajahmundry
5. SDE (E) BSNL ESD, Visakhapatnam/Vizianagaram/Srikakulam
6. Notice board
7. Website: www.ap.bsnl.co.in

Sub-Divisional Engineer (E)

PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities : Appended from page 13-14

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
ATTACHED TO THE SCHEDULE(if any)				

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. Important Note for Contractors: Appended from page 19 to 22.

SCHEDULE 'E'

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

NIL

CLAUSE 10 CC

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

SCHEDULE : F
Reference to General Conditions of contract

i) Performance Guarantee : 5 % of the tendered value of the work
ii) Security Deposit : 5 % of the tendered value of the work

GENERAL RULES and DIRECTIONS:	Officer inviting tender SDE (E), BSNL Electrical Sub-Division, Rajahmundry Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with clauses 12.2 and 12.3.
Definitions:	See below
2(v) Engineer-in-Charge	Sub Divisional Engineer (E), BSNL Electrical Sub Division, Rajahmundry
2(viii) Accepting Authority	SDE(E), Rajahmundry/ EE (E), BSNL,ED-Visakhapatnam.
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	10%
2(xi) Standard Schedule of Rates	**DSR 2018**
2(xii) Department	BSNL
9(ii) Standard CPWD contract Form	BSNL EW Form 8 as modified and corrected up to date.
Clause 1 i)Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days ii) Maximum allowable extension beyond the period provided in I) above in days	2 weeks ----------
Clause 2 Authority for fixing compensation under Clause 2.	**Superintending Engineer (E), BSNL, Electrical Circle, Vijayawada**
Clause 2A Whether Clause 2A shall be applicable.	No
Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start Milestone(s) as per table given below :-	10 days

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	**NA**		
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	1/8th (of whole work)	1/8th (of whole work)	NA
2	3/8th (of whole work)	½ (of whole work)	
3	3/4th (of whole work)	3/4th (of whole work)	
4	Full	Full	

Time allowed for execution of each work. Authority to give fair and reasonable extension of time for completion of work.	As mentioned against each work as per NIT. 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.	NA
Clause 11 Specifications to be followed for execution of work	Specifications as per Section I to III appended with Schedule of work.
Clause 12 **12. 2 & 12.3** Deviation Limit beyond which clauses 12.2 and 12.3 shall apply	25%
12.5 Deviation Limit beyond which clauses 12.2 and 12.3 shall apply for foundation work	NA
Clause 16 Competent Authority for deciding reduced rates.	Competent authority
Clause 36 (i) Minimum Qualifications and experience required for Principal Technical Representative.	
a) For works with estimated cost put to tender more than i) Rs. 10 lakhs for Civil work ii) Rs. 5 Lakhs for Elect/ Mech. Works	Graduate or retired AE possessing at-least recognized diploma
b) For works with estimated cost put to tender more than i) Rs. 5 lakhs but less than Rs. 10 lakhs for Civil works ii) Rs. 1 lakh but less than Rs.5 Lakhs for Elect/ Mech. Works	Recognised diploma holder
c) Discipline to which the Principal Technical Representative 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 36(1)	Rs.4,000/- p.m. for Graduate Rs.2,000/- p.m. for Diploma holder

C
o

Clause 42

i) (a) Schedule/ statement for determining theoretical quantity of cement and bitumen on the basis of Delhi Schedule of Rates _____ printed **by C.P.W.D.** NA

ii) Variations permissible on theoretical quantities

a) Cement for works with estimated cost put to tender not more than Rs.5 lakhs. 3% ±

for works with estimated cost put to tender more than Rs.5 lakhs. 2% ±

b) Bitumen All works. 2.5% ± only and nil on minus side

c) Steel Reinforcement and structural steel sections for each diameter, section and category. 2% ±

d) All other materials NIL

NA

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		

D E C L A R A T I O N-1

(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)

INSTRUCTIONS TO CONTRACTORS

a. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools and plants, water, electricity, access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

b. The competent authority on behalf of the BSNL does not bind himself to accept the lowest or any other tender; and reserves to himself the authority to reject any or all the tenders received without the assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer, shall be summarily rejected.

c. All communications with the bidders shall be in writing fax / email, shall be covered under this category and considered as adequate means of communication.

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

e. The tender in which rates are to be quoted should be properly bound / stitched and sealed in case of loose, spiral bound, submission of tender the tender shall be liable for rejection. (In case of downloaded tender documents from the internet).

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

g. The tenderer shall submit the original computer printout of the tender document from the internet the photocopy shall not be accepted.

h. Canvassing, whether directly or indirectly, in connection with tenders, is strictly prohibited and the tenders, submitted by the contractors, who resort to canvassing, will be liable to rejection.

i. The competent authority on behalf of BSNL reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

j. The contractor shall not be permitted to tender for works in the BSNL Zone (responsible for award and execution of contract) in which is near relative is posted as JAO/ AAO/ AO / Sr.AO / CAO or as an officer in an any capacity between the grades of Chief Engineer and Junior Engineer(both inclusive). He shall

also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Department of Telecom or in the Ministry of Communication or BSNL. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this department.

k. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India/BSNL is allowed to work as a contractor for a period of two years after his retirement from Government service/BSNL, without the previous permission of the Government of India/BSNL in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India/BSNL as aforesaid before submission of the tender or engagement in the contractor's service.

l. The tender for the works shall remain open for acceptance for a period of ninety days from the date of opening of tenders. If any tenderer withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.

m. The successful tenderer shall be required to execute an agreement with the Engineer-in-charge in the proforma annexed to the tender document, within fifteen days of issue of letter of acceptance by the BSNL. In the event of failure on the part of the successful tenderer to sign the agreement, the earnest money will be forfeited and the tender cancelled.

n. This Notice Inviting Tender (BSNL EW-6) shall form a part of the contract The notice inviting tender, all the documents including additional conditions, specifications and drawings, if any, forms the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto.

o Standard BSNL EW Form 8.

-- sd --
Sub Divisional Engineer(E)

SPECIAL CONDITIONS OF CONTRACT

1. PROGRAMME FOR EXECUTION:

The firm shall execute the work as per detailed programme as mentioned in table of mile stones in schedule of proforma. Tentative dates for installation, testing, commissioning of battery and battery charger shall be also submitted.

2. STORES AND SAFETY:

The contractor from his own sources shall arrange all the stores and materials required for the satisfactory completion of the work at work site. However, safe custody of material stored at site will be the responsibility of the contractor.

3. PACKING, FORWARDING AND STORING AT SITE:

Before dispatch to site, the equipment / components / materials shall be properly packed for protection to avoid transit damages and damage against storage in open area at transporters premises or at work site.

4. COORDINATION AT SITE:

At the site of work as more than one agency may be working, full cooperation shall be extended to other agencies during progress of work. Further, work shall be carried out in such a way so that it may not cause abnormal noise and hindrance to the officers of the BSNL engaged in erection as well as doing normal routine work.

5. DRAWINGS :

Schematic diagram of control wiring shall be supplied.

6. **GUARANTEE AND DEFECT LIABILITY: -**

The guarantee shall be valid for six months after successful completion of work. The contractor shall guarantee that all equipments shall be free from any defect due to the defective material and/or bad workmanship and also the equipments shall work satisfactorily with performance and efficiencies not less than the guaranteed values.

Any part found defective during this period shall be replaced free of cost by the contractor. The service of the contractor's personnel if required during this period shall be made available free of cost to the department.

(i) The contractor shall depute his representative within 36 hours of notification of the defect by the department.

(ii) A joint report shall be prepared by the representative of department and firm regarding nature of defects and remedial action required. Time schedule for such action shall be also finalised.

(iii)In case the contractor fails to depute his representative within 36 hours of notification of the defect or fails to cause remedial measure within reasonable time as decided during joint inspection, the department may proceed to do so at the contractor's risk and expenses and with out prejudice to any other right.

The guarantee shall be valid for six months after successful completion of work. The contractor shall guarantee that all equipments shall be free from any defect due to the defective material and/or bad workmanship and also the equipments shall work satisfactorily with performance.

IMPORTANT NOTE FOR CONTRACTORS

1 **Earnest Money**

1.1 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.

1.2 **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.

1.3 **Extension of Validity**

In case, where the letter of award of work cannot be placed within the validity period of the tender, the BSNL can request all tenderers to extend the validity of their respective tenders and the Earnest Money deposit by a reasonable period. In such cases, extension of validity of Earnest Money deposit by 30 days beyond the extended validity date of tender should also be asked for. While BSNL can make the request for extension, the tenderer is free to either extend the validity or refuse the request to extend the Validity.

1.4 **Release of Earnest Money deposit**

Earnest Money deposit of all unsuccessful tenderers should be released on issue of award letter to the successful tenderer.

Where the BSNL requests the tenderer to extend the validity of the tender beyond the stipulated period given in the tender documents, and the tenderer refuses to extend the validity of his tender, the Earnest Money deposit of such tenderers is returned forthwith.

2 (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 two years(i.e. Warranty period) from the date of actual completion of work.

(ii) Security Deposit

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

3. **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.

4. **Completion of work**

The work should be completed as per the time schedule mentioned in the table of mile stones in proforma of schedules. The work is deemed to have been completed after successful completion of the initial acceptance testing. However, bill shall be finalized only after successful final acceptance testing as per the departmental standards by T&D circle.

5. **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.

6. **Compensation for delay**

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

7. **Payment Terms:-As per BSNL EW 6& EW 8**

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

8. **Variation in Excise Duty**

a) 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.

b) 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.

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

10.

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 so 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/sales tax on works contract. 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)

11**. Tax and Duties**

i. All rates quoted by the firm shall be inclusive of all taxes and duties applicable at the time,packing,forwarding freight loading, unloading etc
ii. All statutory deductions shall be made at source and a certificate for the same shall be issued.
iii. Registration No. for **GST** is compulsory.
iv. BSNL or any of its officers should not be mentioned as consignees for receipt of any material at site.
v. In case of non-payment of any taxes or Statutory levies (currently in force or prescribed during the currency of the Contract) by the Agency, the Agency shall indemnify BSNL against all liabilities i.e. Financial, Legal or of any other nature whatsoever; arising from such non-payment during currency or after closure of the contract.
vi. BSNL can adjust/forfeit Security Deposit obtained from the agency/contractor against any loss of input tax credit to BSNL on account of agency's/ contractor's default.
vii. Incase BSNL has to pay GST on reverse charge basis, the agency/contractor would not charge GST on its invoices. Further, the agency/contactor undertakes to comply with the provision of GST law as may to applicable.
viii. It shall be responsibility of the contractor to rise the appropriate TAX invoices as per provision of GST act. BSNL reserve the right to be indemnified for the input tax credit loss to BSNL, if any.
ix. If the contractor fails to furnish necessary supporting documents i.e GST/customs invoices etc., in respect of the duties/taxes which are input tax credit to BSNL, the amount pertaining to such duties/taxes will be deducted from payment due to the contractor.

12. **Miscellaneous**

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.

13. **Participation of Near Relatives of BSNL Employees in the tenders**.

The firm shall certify that there are no near relatives as specified below are working in

BSNL as per the certificate attached in page No.: ___

The near relatives for this purpose are defines as:

A) Members of a Hindu Undivided Family

B) The one is related the other in the manner as father, mother, son(s) & Son's wife (Daughter-in-law), Daughter(s) & daughter's husband (son-in-law), brother(s) & brother's wife, sister(s), sister's husband (brother-in-law).

C) The company or firm or any other person is not permitted to tender for works in BSNL units in which his near relative(s) is (are) posted. The unit is defined as SSA / Circle / Chief Engineer / Chief Architect / Corporate Office for non-executive employees and all SSA in a circle including circle office / Chief Engg. / Chief Arch. / Corporate office for executive employees (including those called as Gazetted Officers at present).

ANNEXURE – C (PERFORMANCE SECURITY GURANTEE BOND)

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 under take to pay to the BSNL any money so demanded notwithstanding any dispute or disputes raised by the contractor(s)/supplier(s) in any suit or proceeding pending before any court or tribunal relating thereto our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be valid discharge of our liability for payment there under and the contractor(s)/supplier(s) shall have no claim against us for making such payment.

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 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 _____

Indicate the name of the bank

LIST OF APPROVED MAKES-BSNL ELECTRICAL WING

1	**Engine**	**Ashok Leyland /Cummins/ Cater pillar / KOEL/ Volvo Penta / Mahindra & Mahindra (up to 40 KVA) /Escorts (up to 30 KVA)/ Eicher (up to 20 KVA)**
2	**Alternator(Brushless)**	**Crompton Greaves (AL. series) / KEC / Leroy Somer / Stamford/Jyoti Ltd**
3	**Battery (Lead Acid / Mntc. Free)**	**Amara Raja / AMCO / Farukawa / Hitachi / Exide/ Prestolite / Standard**
4	**HV Switchgear (Vacuum Circuit Breaker/SF6)**	**Biecco Lawrie / Crompton / Kirloskar / MEI / Jyoti Ltd**
5	**Transformer (Oil filled / Dry type)**	**ABB / Schneider Electric /Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar / Siemens**
	a) Above 400 KVA	
	b) Up to 400 KVA	**In addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear**
6	**Air Circuit Breaker**	**L&T/ Schneider Electric / Siemens**
7	**MCCB(Ics=Icu)**	**L&T/ Schneider Electric / Siemens**
8	**SDF units**	**L&T/ Schneider Electric / Siemens/HPL/Havells**
9	**Power Contactors**	**L&T/ Schneider Electric / Siemens/Lakshmi(LECS)**
10	**Change Over Switch**	**HPL / Havells / H-H Elcon**
11	**Intelligent APFC Relay**	**L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB**
12	**Bus Bar Trunking/ Sandwiched Bus Duct**	**Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta**
13	**Power Capacitors (MPP/APP)**	**L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati**
14	**Digital/ KWHr meter**	**Schneider Electric/ AE/ Digitron / IMP/Meco / Rishabh /Universal/HPL/L&T/ABB**
15	**Cold shrink HT/LT Cable Joint**	**Denson / 3M(M-Seal)/ Raychem**
16	**Rubber Matting**	**ISI mark**
17	**MCB/ Isolator /ELCB/RCCB/ Distribution Board**	**Crompton / Havells / Indokopp / 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 / Pilkingston / UP Twiga**
33	**Expanded Polystyrene**	**BASF(India) Ltd.**
34	**Gauge**	**Feibig / H.Guru / Pricol**
35	**Controls**	**FLICA / Honeywell / Indfoss / Penn-Danfoss / Ranco / Ranutrol / Sporland**
36	**Fine Filters**	**Anfiltra Effluent / ARW / Athlete/ Airtake/ Dyna / Kirsloskar/ Puromatic/Purafill/ Purolator / Tenacity**
37	**GI Sheet**	**HSU Jindal / National / Nippon Denro / Sail / Tata**
38	**Heat Detector**	**Appollo / Chemtron/ Edward / Fenwal/Hochiki / Nitton /System Sensor/Wormald/Honeywell Essar/Notifier**
39	**Ionization Detector**	**Appollo / Cerebrus / Edward/ /Fenwal /Hochiki / Nitton / System Sensor / Wormald**
40	**Photo Electric Smoke Detector**	**Appollo / Cerebrus / Edward / Fenwal/ Hochiki / Nitton / Wormald**
41	**Fire Panel (Microprocessor based)**	**Agni Instruments / Agni Devices/ Aruna Agencies/ Carmel Sensor / Ravel Elect./Honeywell Essar/Notifier/Navin Systems**
42	**Sprinkler/ Hose Reel & Hose Pipe**	**ISI mark**
43	**Fire Extinguisher**	**ISI mark**
44	**Lift**	**OTIS, Kone, Mitsubishi , Schindler,Johnson**

Note:-

1. **In case of External / PMC works, the list of approved makes may be modified as per client's requirement.**

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 equipments are also acceptable in addition.**

3. **Any additional makes may be approved by concerned PCEs/Sr.CEs/CEs(Elect) for the work under his jurisdiction as already accorded vide letter no. 3-2-5/EW/VEP-1/2007 dated 05-07-2007.**

ANNEXURE – A (CERTIFICATE)

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

Signature of Contractor

Declaration by Contractor

1. I / We do hereby undertake to have gone through the terms & conditions / clauses of all the tender documents including Form EW-6, EW-8 being adopted by the BHARAT SANCHAR NIGAM LIMITED (Electrical Wing) & agree to abide by the same.

2. I/we hereby declare that no addition /deletion/correction have been made in the tender document submitted and is identical to the tender document appearing on website.

In case of failure to comply as above, our offer will stand withdrawn and the decision of tender opening officer in this regard shall be final & binding on me.

Signature of contractor/authorized representative

With seal of the firm

ANNEXURE-VIII

UNDERTAKING TO ABIDE BY EW6 & EW8

"I…… …… …… …… ……Son
of. …… …… …… …… …….. …….Resident
of …… …… …… …… …… …… ……. hereby give an undertaking that I have read 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) **(Dated Signature of Contractor)**

Specification for the work of providing EI & Fans

1. The work shall be done as per current CPWD specification for Electrical works as amended from the time to time and Indian Electricity rules amended up to date.

2. The work shall be supervised by qualified technical staff.

3. The layout of work will be given by the engineer-in-charge or his duly authorized representative at site of work.

4. The following wiring shall be done in separate conduits.

   a. Power wiring

   b. Light and fan point wiring.

   c. Emergency light point with (AC/DC)

   d. Telephone wiring.

   e. Clock wiring

   f. AC unit wiring.

5. The number of plug points and DC emergency light points shall not be more than Two per circuit in any of the cases.

6. The earthing sets shall be provided in presence of Engineer-in-charge.

7. Sample of all materials fittings, accessories, switch gears etc shall be got approved from the Engineer-in-charge before using the same on the work. The rejected materials shall be removed immediately from the site of work.

8. The contractor shall submit completion plan as per agreement within 30 days of completion of work. Failing to submit the completion plan he will be liable to pay of sum equivalent to 2.5% of the value of work subject to ceiling of 2500/-

9. . The contractor will have to conduct the following test as his cost at site and intimate the results before final bills are paid. Nothing extra will be paid to him on this account.

   a) Earth test

   b) Polarity test

   c) Insulation test

   d) Earth continuity test of surface & recessed conduit pipes,

10. Any damage done to the building by the contractor during the execution of

Work shall have to be made good at his cost and risk. If he does not do it himself within a reasonable time (Determined by the Engineer-in-charge), the same will be got done at his cost departmentally after giving notice to him.

11. The outlet boxes for switches and end of conduits for different categories

Of conduits runs shall be painted with different colours so as to avoid mixing of wiring. Nothing extra shall be paid for this

12. At the time of laying conduit pipe in the slab in recess, the contractor

Should keep fish wire of 16 SWG GI wire throughout conduit pipe and we have to take special care so that the conduit do not cross through AC conduits, grills etc.

13. The contractor should recess the conduits in the walls before they are plastered and in coordination with progress of building works. The conduit should be mechanically and electrically continues.

14. All the Switch board, SDB and DB shall be clearly sign written indicating the number /type of load/Circuit Nos etc.

15. Underground cables of both 1.1 KV and 11 KV should be subject to pressure/insulation tests before and after laying the same.

16. While making end connections of wire, no strand shall be cut and termination of wire shall be done with necessary lugs without any extra cost.

17. The termination of conduits etc in the junction box should be done by making proper holes instead of cutting the box.

18. Rs.1/- per empty box for the ceiling fans, fittings and other items supplied by the Department will be recovered from contractor irrespective of the size of box.

19. The contractor will have to make arrangements to take the materials to site of work at his own risk and cost.

If any conduits are laid before the award of work the same shall be recovered at rate mentioned in SR-94 (Internal) enhanced by abatement of similar items in the tender.

III.SPECIFICATION FOR CABLE LAYING

1. The work will be carried out as per current CPWD specifications and Indian Electricity rules amended time to time.

2. The work will be supervised by qualified supervisor from the contractor side.

3. The layout of the work will be given by the Engineer in charge or his duly authorized representative at site of work and the route for the cable laying should be got approved by the Engineer in charge.

4. All necessary tools & plants shall be arranged by the contractor at his own cost and risk.

5. The contractor will be held responsible for any damage to the building or equipment at the time execution of work.

6. The cable shall be as per the relevant IS amended from time to time, Test certificate should be submitted by the contractor for the cables supplied by him. The whole work shall be guaranteed for the period of one year from the date of completion .The cable should be tested on load after laying the same.

7. Any deviation proposed by the contractor should be clearly indicated by him along with tender.

8. The tenderer should specifically mention the make of the cable proposed to be used by him. Entire materials intended for use should be got approved by the Engineer in charge before the actual use. The rejected materials shall be removed immediately from the site of work.

9. The contractor shall submit completion plan of cable route diagram to scale in triplicate at the time of completion of work itself as per clause 6 a (i).The contractor will submit the following test result at his own cost and risk. Insulation test, Earth continuity, Polarity test.

10. Necessary materials for erection of poles such as cement foundation bolts etc., shall be arranged by the contractor for switch no extra cost is payable.

11. The cable laying, cable jointing shall be carried out in the presence of Engineer in charge or his duly authorized representative. In making connection on switches and other terminals no strand of conductor shall be cut to facilitate entry of conductor, but by use electrically equivalent copper conductor

Schedule of Works

Name of work:-Replacement of faulty overhead service connection at TE Atchutapuram EG SSA

S.No	Description of item	Quantity		Rate in Rs	Unit	Amount in Rs
1	Dismantling of existing Service connection from exchange to EB pole etc as reqd.	1	Job		Job	
2	Supply and drwaing 4 runs of 16sqmm PVC Insulated Al conductor single core cable along with 2 runs of 14swg stay wire and support reels from Electric Pole to Energy meter in the exchange premises i/c terminating at both ends etc as reqd.	50	Mtrs		Mtr	
3	Supplying and fixing of 40mm rigid PVC pipe for receving overhead service wires i/c clamping on wall ,prdg bends etc as reqd.	2	Mtrs		Mtr	

Total Net Cost to BSNL_____

Total GST @ %_____

Toatl Gross Amount _____

Contractor

Sub Division Engineer(E)
BSNL Electrical Sub-Division
RAJAHMUNDRY