

BHARAT SANCHAR NIGAM LIMITED

(A Govt of India Enterprise)
(Electrical Wing)

O/o The Executive Engineer (E) BSNL Electrical Division-I

No.22, Kellys Road, Chennai - 600010. Office: 044-26470405, 26470123 Fax: 044-2647 0406 E-mail: ee1chennai@gmail.com

E-TENDER DOCUMENT

Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months)

NIT No.: 22/EEE/ED-I/BSNL/CH/21-22 Date of opening:14-07-2021 15:30 HRS

This tender document contains 30pages pages only

	(To be filled in by the Contractor)						
Name of the Agency							
Address							

Telephone No. of agency:

For E Tender Help Desk of M/s ITI Limited.Tel.No.011 49424365; Mail Id: twhelpdesk680@gmail.com, bsnltwhelpdesk@gmail.com

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INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR E-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The Executive Engineer (Elect), BSNL, **Electrical Division-I, Chennai** on behalf of the CMD, Bharat Sanchar Nigam Limited, invites online Item rate bids from eligible bidders in Single bid system for the following work:

The Executive Engineer (Elect), BSNL,ED-I, Chennai on behalf of the CMD,BSNL invites Item rate bids from eligible bidders in Single bid system for the following work:

1	Name of work	Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months)
2	Estimated cost put to tender	Rs.501690/-(Excl. GST)
3	Earnest Money	Rs.10014/- OR under taking as per Annexure- III (The firm may submit EMD or undertaking as per the format of Annexure- III)
4	Period of completion	7 Months
5	Last date & time for online submission of tender	Up to 15:00 Hrs. on -14 07-2021
6	Last date & time for submission of original Tender cost and EMD	Up to 15:00 Hrs. on 14 07-2021
7	Date and time for opening of tender	15:30 Hrs. on 14 07- <mark>202</mark> 1
8	Tender cost (Non refundable)	Rs.500/- (+) GST 18%= 590/-
9	E-tender Processing fee (Non refundable)	0.05% of estimate cost subject to the minimum of Rs.500/- and Maximum of Rs. 5000/- plus GST

Eligibility Criteria:

The Contractors satisfying the following conditions:

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

AND

2 BSNL enlisted contractors in Electrical category of respective class as per their tendering limits and having HT license.

OR

3 Experience of having successfully completed similar works in BSNL comprising of Electrical Installations as part of scope of work during last 7years ending last day of month previous to the one in which applications are invited, should be either of the following:

Three similar successfully completed works costing not less than the amount equal to

40% of the estimated cost put to tender.

OR

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

OR

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

NOTE: The estimated cost of one year shall be considered to evaluate the eligibility criteria. Similar work Means "Operation and maintenance of substation and having Valid HT license

IMPORTANT NOTE:

- The self-attested copies of the following documents shall be scanned and uploaded to the etendering website within the period of tender submission. Online bid documents submitted by intending bidders shall be opened only of those bidders, who have scanned and uploaded the following documents (and whose uploaded documents are found to be in order), otherwise the bid will not be opened and shall lead to disqualification.
 - a. Tender Fee in the prescribed format
 - b. EMD in the prescribed format
 - c. Certificate of Financial Turnover from Chartered Accountant if applicable
 - d. Documents fulfilling Eligibility criteria.
 - e. Enlistment certificate issued by BSNL(For BSNL enlisted contractors)
 - f. Electrical license issued by TN Govt.
 - g. GST Registration Number Details
 - h. PAN Card
 - i. EPF and ESI Registration certificate (if applicable)
 - j. Undertaking to abide by EW-6 and EW-8 (Form 'A')
 - k. Undertaking regarding EPF and ESI provisions (Form 'B')
 - I. Certificate of work experience issued by client department (Form 'C') if applicable
 - m. Undertaking regarding No Near relative working certificate (Form 'D')
 - n. Undertaking as per Annexure III in lieu of EMD

Not uploading the above documents, (even if the documents are submitted physically) shall lead to disqualification.

2. The Physical Tender Fee & EMD shall be deposited in the tender box available in the office of tender opening authority, by the bidder before 15:00 AM on the tender opening date, failing which the tender shall not be opened.

BSNL EW-6

Bharat Sanchar Nigam Limited Electrical Wing

Electrical Division: ED-I, Chennai Sub Division: III, Chennai

Item rate tenders on single bid system are invited on behalf of CMD,BSNL for the work Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months) from the eligible bidders as per NIT notification. The enlistment of the bidders should be valid on the opening date of tender. In case the date of opening of tender is extended, the enlistment of bidder should be valid on the original date of opening of tender.

- 1. Intending bidder is eligible to submit the bid provided that he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority as per the eligibility conditions mentioned in the NIT notification page.
- 2. The work is estimated to cost **Rs. 501690/-(Excluding GST).** This estimate, however, is given merely as a rough guide.
- 3. Agreement shall be drawn with the successful bidder on prescribed form as amended up to the date of opening of tender. Bidder shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
- 4. The time allowed for carrying out the work will be **7 months** from the 10th day after the date of written order to commence the work.
- 5. The site for the work is available / or the site for the works shall be made available in parts. The successful bidder shall execute the work in coordination with other agencies working in the campus.
- 6. The bid documents consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.tenderwizard.com/BSNL at free of cost. The BSNL EW-8 document can be seen from the web site www.chennai.bsnl.co.in at free of cost.
- 7. After submission of the bid, the bidder can re-submit revised bid any number of times but before last time and date of submission of tender as notified. While submitting the revised bid, bidder can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of tender as notified.
- 8. The Tender Fee in the form of Demand Draft issued by the Nationalized / Scheduled bank authorized by the Reserve Bank of India, drawn in favour of **BSNL**, **CHENNAI TELPHONES** payable at **CHENNAI** shall be scanned & uploaded in the e-tendering website within the period of tender submission. The validity of the tender cost in the form of DD shall be **60 days** from the date of opening.
- 9. The Earnest money deposit (EMD) in the form of Demand Draft / FDR / BG (BG is only for Air Conditioning, Diesel Engine Alternator, Lifts, and Sub Station works wherever the amount of EMD is more than Rs.20,000)/ CDR of a nationalized / scheduled bank authorized by the Reserve Bank of India, drawn in favour of BSNL, CHENNAI TELPHONES payable at CHENNAI shall be scanned & uploaded in the e-tendering website within the period of tender submission. The validity of the EMD in the form of DD shall be 60 days from the date of opening. If the EMD is in the form of CDR/FDR/BG, the validity shall be 180 days from the date of opening. In case of L1 bidder, the validity of CDR/FDR/BG is to be extended up to the observation period as that of the Performance guarantee / Security deposit.

- 10. The Physical **TENDER COST** and **EMD** of which the scanned copy is uploaded shall be deposited by all the bidders before 15:00 AM on the tender opening date, failing which the tender shall not be opened.
- 11. Interested bidder who wishes to participate in the bid shall pay the e-tender processing fee to M/s. ITI Limited through their e-gateway by credit / debit card / internet banking / RTGS / NEFT facility.
- 12. All the documents as specified in the tender document shall be scanned and uploaded to the e-Tendering website within the period of bid submission.
- 13. Online bid documents submitted by intending bidders shall be opened only of those bidders, who have deposited e-Tender Processing Fee with M/s ITI Limited and Earnest Money Deposit and other documents fulfilling eligibility criteria, scanned and uploaded are found in order.
- 14. If a holiday is declared on the tender opening day, the tender will be opened on the next working day.
- 15. The e-Tender processing fee is non-refundable.
- 16. **Performance Guarantee**: The bidder 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 acceptance letter. This period can be further extended by the Engineer-in-charge up to a maximum period of two weeks on written request of Bidder. The validity period of the performance security in the form of performance bank guarantee shall be: Three Months from the date of actual completion of work, for AMC works and One year from the date of actual completion of works. In case the bidder fails to deposit the said performance guarantee within the stipulated period, including the extended period if any, the Earnest Money deposited by the bidder shall be forfeited automatically without any notice to the bidder and the bidder will not be allowed to participate in the re tendering for the same work.
- 47. Security Deposit: In addition to Performance guarantee stated above, a sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum be deducted with the sum already deposited as earnest money, will amount to security deposit of 5% of the contract value of the work. The security deposit shall be released after an observation period as follows: Three Months from the date of actual completion of work, for AMC works; and One year from the date of actual completion of work for all other works.
- 18. In case any discrepancy is noticed in the documents as uploaded at the time of submission of the bid online, then the bid submitted shall become invalid and the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further, the bidder shall not be allowed to participate in the retendering process of the work.
- 19. Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders, 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 bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & 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 bidder 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

Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months) be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the BSNL and local conditions and other factors having a bearing on the execution of the work.

- 20. The competent authority on behalf of the CMD does not bind itself to accept the lowest or any other tender and reserves to itself 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 bidder shall be summarily rejected. The competent authority on behalf of CMD reserves to himself the right of accepting the whole or any part of the tender and the bidder shall be bound to perform the same at the rate quoted.
- 21. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable to rejection.
- 22. Agreement shall be drawn with the successful bidder on prescribed form. Bidder shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
- 23. The bidder should give a certificate as per the following that none of his/her relative is employed in BSNL units as per **Form 'D'**. In case of proprietorship firm, certificate will be given by the proprietor and for partnership firm certificate will be given by all the Directors of the company.
 - a. 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:
 - i. Members of a Hindu Undivided family.
 - ii. They are husband and wife.
 - iii. The one is related to the other in the manner as father, mother, son(s) & son's wife(daughter-in-law), Daughter(s) & daughter's husband(son-in-law), brother(s) & brother's wife, sister(s) & sister's husband(brother -in-law).
 - b. The company or firm or any other person is not permitted to tender for works in BSNL his near relative(s) is(are) posted. The unit is 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 bidder should give a certificate that none of his/her such near relative is working in the units as defined above where he is going to apply for tender/work, for proprietorship, partnership firms and limited company certificate shall be given by the authorized signatory of the firm. Any breach of these conditions by the company or firm or any other person, the tender/work will be cancelled and earnest money/performance guarantee will be forfeited at any stage whenever it is so noticed. BSNL will not pay any damages to the company or firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit.
 - c. 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 bidder 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 bidders service.
- 24. The tender for the work shall remain open for acceptance for a period of ninety (90) days from the date of opening of tenders. If any bidder withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the tender which are not acceptable to the BSNL, then the BSNL shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as

- Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months) aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.
- 25. The agency has to comply with the provisions 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 consequence arising due to non- complying of provisions as specified above shall be the sole responsibility of the firm only. The agency shall give an undertaking to this effect as per **Form 'B'**.
- 26. **Extension of Validity of tender:** In case, where the letter of award of work cannot be placed within the validity period of the tender, the BSNL can request the bidder 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.
- 27. Rates quoted by the contractor shall be firm and shall be valid for the currency of contract. No cost escalation shall be permitted during the currency of contract.
- 28. This notice inviting tender shall form a part of the contract document. The successful bidder, on acceptance of his tender by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender, subsequent amendments issued and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - b. Standard BSNL EW-8 form.

GENERAL INSTRUCTIONS TO THE BIDDERS

- 1. The intending bidder must read the terms and conditions of BSNL-EW 6 carefully. He should only submit his bid, if he considers himself eligible and he is in possession of all the documents required.
- 2. Information and instructions for bidders posted on website shall form part of bid document.
- 3. Applicants are advised to keep visiting the above mentioned website from time to time (till the deadline for bid submission) for any updates in respect of the tender documents, if any. Failure to do so shall not absolve the applicant of his liabilities to submit the applications complete in all respect including updates thereof, if any. An incomplete application may be liable for rejection.
- 4. Those bidders not registered on the website mentioned above, are required to get registered themselves beforehand. The intending bidder must have valid class-III digital signature to submit the bid.
- 5. On opening date, the bidder can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
- 6. Bidder can upload eligibility documents in the form of JPG format or / and PDF format. Documents uploaded in any other format, which could not be opened may result in non opening of the bids.
- 7. Bidder must ensure to quote rate of each item. The column meant for quoting rate in figures appears in yellow colour. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO)
- 8. Even though any bidder may satisfy the above requirements, he would be liable to disqualification if he has:
 - a. Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the eligibility criteria document.
 - b. Record of poor performance such as abandoning work, not properly completing the contract, or financial failures / weaknesses etc.
- 9. If any information furnished by the bidder is found incorrect at a later stage, he shall be liable to be debarred from tendering/taking up of works in BSNL. The BSNL reserves the right to verify the particulars furnished by the applicant independently.
- 10. GST and any other tax applicable in respect of this contract as applicable shall be borne by the bidder himself. The bidder shall quote his rates considering all such taxes. The TDS as per the Govt. regulations will be recovered from the contractor.

11. Tender Evaluation:

- (a) The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices offered inclusive of packing, forwarding, freight and insurance charges etc., but excluding GST. The bid with lowest net cost as elaborated above will be the L1 bidder.
- (b) Vendors should furnish the correct GST Rate in the price schedule. If the Input Tax Credit is found to be not admissible at any stage subsequently owing to wrong furnishing of GST Rate, then the vendors will be liable to refund such non-admissible amount, if already paid, along with penalty if charged by the concerned authority.
- 12. However, pursuant to the constitution (Forty-sixth amendment) act, 1982, if any further tax

or levy is imposed by statute, after the last date of receipt of tenders, and the contractors there upon necessarily and properly pays such taxes/ levies, the contractor shall be reimbursed the amount so paid, provided such payment, if any, is not in the opinion of Superintending engineer (whose decision shall be final and binding) be attributable to delay in execution of work within the control of contractor.

13. The Contractor shall, within a period of 30 days of imposition of any further tax or levy in pursuant to the constitution of (Forty sixth amendment) act 1982 give a written notice thereof to the Engineer-in-charge that the same is given pursuant to this condition, together with all necessary information relating thereto.

14. Bye laws Indemnity against liabilities:

- a. The bidder shall comply with all by laws and regulations of the local and statutory authorities having jurisdiction over the works and shall be responsible for payment of all fees and other charges and giving and receiving all necessary notices and keep the Engineer-in-charge informed about the notices issued and received.
- b. The bidder shall indemnify the department against all claims in respect of patent rights design, trademark or name of other protected rights in respect of any plant, machine, work or materials used for or in connection with the works or temporary works and from and against all claims demands, proceedings, costs, charges and expenses whatsoever in respect of or in relation thereto.
- c. The bidder shall defend all actions arising from such claims and shall himself pay all royalties, License fees, damages, costs and charges of all and every sort that may be legally incurred in respect hereof shall be borne by the bidder.
- d. All liabilities / penal recoveries on matters arising out of tax/levies such as incorrect deductions discrepancies in the filing of returns, revised assessments by the concerned authorities etc,. shall be borne by the bidder.

15. 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 without compensation to the contractor.

- 16. Indulging of contractor in criminal /antisocial activities and cases under investigation/charge sheeted by CBI or any other government agencies etc. :
 - If the CBI/Independent External Monitor (IEM) /Income tax/ Sales Tax /GST/Central Excise/Custom Departments recommend such a course Action will be taken as per the directions of CBI or concerned department.
- 17. As a general notion, the terms and conditions/instructions contained in various pages of this document are addressed assuming the bidder as 'Male'. However, the same shall remain and assumed to be addressed in case of 'Female' bidder also, except for the gender centric words, which shall be 'female' centric at appropriate places.

FORM 'A'

Undertaking to abide by EW 6 & EW 8

"	Son/Daughter of
	Resident of
document and I am aware of all the	hereby give an undertaking that I have read the complete bid the clauses and sub clauses of BSNL EW 6 & 8 forms and I confirm nd conditions available in BSNL EW 6 & 8 forms.
(Seal of the firm)	(Signature of Bidder)

FORM 'B'

Undertaking regarding EPF provisions
"I Son /Daughter of
* 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 shal 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
"I
* 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 shal 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.

Internet downloaded copy

(Signature of Bidder)

(Seal of the firm)

FORM 'C'

Executive Engineer or Equivalent

Performance report of works

1. Name of Agency

Dated:

Name of work
 Agreement no.
 Final Value of Work Done
 Date of start of work
 Actual date of completion
 Performance: Satisfactory / Not Satisfactory

Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months)	
FORM 'D' No Near relative working certificate	
I	nt
of hereby certify that none of my relative(s) as defined in the tender docume	nt
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	е
any action as deemed fit/without any prior intimation to me.	

(Signature of Bidder)

(Seal of the firm)

Annexure I

MODEL FORM OF BANK GUARANTEE FOR EMD

(For submitting EMD for Air Conditioning, Diesel Engine Alternator, Lifts, and Sub Station Works wherever the amount of EMD is more than Rs.20,000/-)

Whereas	(hereinafter called "the bidder(s)") has submit	ted
its Tender dated for the work	ork , , ,	
	KNOW A	٩LL
MEN by these presents that V	WE	OF
having	our registered office at	
(hereinafter called "the Bank") are bou	ound unto (hereinafter cal	led
"the BSNL") in the sum of	for which payment will and truly to be made	of e
the said BSNL, the Bank binds itself, its	its successors and assigns by these presents.	

THE CONDITIONS of the obligation are:

- 1. If the Bidder(s) withdraws its Tender during the period of Tender validity specified on the Tender Form: or
- 2. If the Bidder(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:

ANNEXURE II PERFORMANCE SECURITY GUARANTEE BOND

In consideration of the CMD, BSNL (hereinafter called 'BSNL') having agreed to exempt (hereinafter called 'the said bidder(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
fulfilment by the said bidder (s) of the terms and conditions contained in the said Agreement, on
production of the bank guarantee forwe, (name of the bank) (hereinafter refer to as "the bank") at the request of
(nereinatter refer to as "the bank") at the request of
(bidder(s)) do hereby undertake to pay to the BSNL an amount not exceeding against any loss or damage caused to or suffered or
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 Bidder(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 demur, merely on a demand from the BSNL by reason of
breach by the said bidder(s)' of any of the terms or conditions contained in the said Agreement or by
reason of the bidders(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 bidder(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 bidder(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/BSNL) BSNL certifies that the terms and conditions of the said Agreement have been fully or properly carried out by the said bidder(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry of TWO/TWO AND HALF/THREE YEARS (as specified in P.O) from the date hereof, we shall be discharged from all liabilities under this guarantee thereafter.
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 bidder(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 Bidder(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

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6. This guarantee will not be discharged due to the change in the constitution of the Bank or the

Bidder(s)/supplier(s).

Name of work: Providing operation of Trans TE Building, Kodambakkam, Chennai. (SV	former Substation, Engine Alternator sets, PAC units at V:-For 7 Months)
7. We (name of the bank) during its currency except with the previous	
Dated the da	ay of
for	(indicate the name of bank)

Annexure-III

Bid Security/EMD DECLARATION(As per the BSNL CO Ltr No.BSNLCO-MMT/12(15)/1/2020-MMT dated 05-12-2020)

	CURITY / EMD UNDERTAKING & DECLARATION	
	And authorized signatory(Hereafter refe	of the firm M/s.
have read, understood as documents for participatio	nd agree with all the terms and conditions inclunt in the tender of work/supply ofvide tender No	ided in the tender
hereby undertake and dec 1. If I/We fail to enter in to 2. If any loss or damage of of breach by the bidder		per BSNL order. e BSNL by reason n the said tender
If anything is found fals time.	se and / or incorrect and / or reveals any suppres	ssion of fact at any
Enterprise or Non MSE bi	istered with body specified by Ministry of Micro dder claiming any concessional benefits is award obey any of the contractual obligations.	
debar our tender offer suspend/Debar/Ban for a	that under any/all the above conditions, BSNL re / cancel the LOA/purchase/work order if period of one year from the date of such order/in y further work/contract by BSNL for one year fron	issued, and to stance. BSNL can
In lieu of EMD/Bid	Security, this declaration is submitting.	
Date:	Signature of the tenderer	
Place :	Name of tendererAlong with date & Seal	

Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months)

	110	damba	ititairi,	Circini	41. (544.		, 111011	1113	<u>'</u>				
	NAME OF THE CONTRACT	OR											
			5	Schedule	of Quantity								
Sl.n o	Description of Item	Qty	Unit	Rate per Unit excluding GST	Total Amount Excluding GST (Net cost)	CGST		SGST		5		Total Amount including GST	AC code
				Rate	Total Excludin	%	Amount in Rs	%	Amount in Rs	%	Amount in Rs	Total	HSN/SAC
							Rs.		Rs.		Rs.	Rs.	
1	2	3	4	5	6	7	8=Col . (6 x 7)	9	10=col.(6 x 9)	11	12=col. (6*11)	13=col. (6+8+10+12)	14
	Initial repair												
1	Providing round the clock operation of the following installations by deploying required manpower as per specifications & carrying out scheduled/routine, maintenance/activities for smooth operation of installation on all working days, including all holidays and by arranging required tools and plants etc to keep all services operational i/c maintaining records, required up to standards complete as per specification etc as reqd.												

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Contractor Page 19 of 30 Executive Engineer

Name of work: Providing operation of Transformer Substation, Engine Alternator sets, PAC units at TE Building, Kodambakkam, Chennai. (SW:-For 7 Months) a) EA set (2x 320 KVA) b) Sub Station (2x 400 KVA) c) 7TR Precision PAC units - 6 Nos (d) Monitoring of Power plants alaram & intimating same to SDE Incharge 591994.20 45152.10 45152.10 7 0.00 month mont S Total Net Cost to BSNL in words (Col.-#NAME? 13) Total Cost including GST in words (Col.-#NAME? 14) Contractor Executive Engineer(E)

IMPORTANT NOTES:-

1	The firm shall be responsible to ensure that GST shown in the above columns is correct & Input Tax Credit for the amount shown above is admissible as per GST Act as amended up to date".
2	Invoice /Bill should be pre-printed as per the GST format.
3	The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices offered inclusive of packing, forwarding, freight and insurance charges etc., but excluding GST
4	The rates for all items of work shall, unless clearly specified otherwise, include cost of all labour, materials and other inputs involved in the execution of the terms as specified in the scope of work.
5	No advance payments can be made. Stipulations like levy of interest if payment is not made in a specified time are also not acceptable and the payment is governed by the normal BSNL practice.

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Contractor Page 20 of 30 Executive Engineer

SPECIFICATIONS FOR WORK

A. GENERAL

1.0 SCOPE

- 1.1 Operation and maintenance of electrical services Technical/ Administrative/ Residential Building(s) as applicable in this contract means that all Electro Mechanical Services included in the schedule of work are kept in clean and working condition. Specific details of activities required with regard to each service are detailed under sections pertaining to those service/technical specifications.
- 1.2 Operation and maintenance of services shall be carried out as per instructions contained herein. All documents to be used shall be as per works instructions / forms & checklists, proforma schedules etc., forming part of the agreement and that are issued by from time to time. Services under operation shall be generally maintained clean.
- 1.3 Watch and ward of the installation under Operation shall be the responsibility of the contractor during contract period.
- 1.4 After the contract period is over the installation has to be duly handed over to the new agency along with the record of test results of equipments & associated items, under supervision of SDE (E)/JTO (E) in charge.

2.0 METHODOLOGY

- 2.1 It is presumed that contractor will provide minimum qualified staff at the site, which will be adequate to perform routine operational functions. For optimum utilization one person can be responsible for number of services. Also operation staff has to be available round the clock, even on holidays. However, strength may vary during day and night shifts. Scheme for staff employed shall be got approved by the Engineer-in-charge. Wherever the shifts/strength is indicated elsewhere in the specifications, the same shall be binding on the firm.
- 2.2 At the start of work, firm shall prepare an inventory of service under operation jointly with J.T.O (E)/SDE(E), concerned.
- 2.3 Before start of the work complete equipments/services under scope of operation/maintenance shall be thoroughly examined by the agency jointly with SDE(E)/JTO(E) concerned. All Defects/discrepancies should be brought to the notice of the SDE(E)/JTO(E) in writing within first 15 days of award of work. Based on the type of preceding contract, the Defects/discrepancies agreed upon by BSNL shall be got attended by the outgoing agency or by BSNL itself. Since the material for maintenance/breakdown are to be separately measured, agency shall maintain a record of breakdown and carryout urgent works upon information to SDE(E)/JTO(E). For items not covered in the schedule of work depending upon the necessity and requirements, agency shall carryout the same under specific instructions of SDE(E)/JTO(E).
- 2.4 A complaint / fault Register as per annexure shall be kept up-to-date at site by the firm and the same shall be available for checking & verification.
- 2.5 Firm shall maintain logbooks as per annexures.
- 2.6 If during the period of contract, any of the equipment(s) are added/ altered, the operation of those equipments/ services shall be done by the agency at no extra cost except for the situation where deployment of additional staff is required on permanent basis to manage operation. Similarly in case of deletion of any of the equipment, no recovery shall be made except for the situation when strength of operator on shifts on daily basis is reduced.

3.0 OPERATION PERSONNEL Three Semi skilled labour per day

- 3.1 The operating staff has to be available round the clock throughout the month even on holidays. Since the firm will be doing the operation of critical services such as Substation and standby genset, responsible & trained person(s) placed at site, should be able to take initial steps under emergency situation.
- 3.2 The operating staff shall also monitor the working of the DC power plants and should inform the alarm status to the concerned exchange incharge.
- 3 3 Agency shall issue identity cards to the workers and a list of personnel employed together with the copies of such identity cards should be submitted to SDE (E)/JTO (E) concerned. Before being posted at site police should be informed about the personnel and a copy of the intimation shall be submitted to SDE (E).
- 3.4 The workers engaged by firm should maintain proper discipline and good behaviour with occupants. The firm shall remove such workers from the site whose behaviour is found improper. Engineer in Charge's decision shall be final and binding.
- 3.5 The firm has to supply details as per annexure- II of all the workers likely to be engaged by it before start of the work.
- 3.6 The sitting arrangement for the staff engaged by the agency, space, water, telephone and electricity shall be made available by BSNL free of cost.
- 3.7 Provision of Supervisor shall also be made as per standard form of contract (EW8) which forms the part of this contract.

4.0 DAMAGES TO BSNL INSTALLATION:

- 4.1 Any damage to the installation(s)/building during the period of contract due to the carelessness on the part of staff shall be the responsibility of firm. Firm is liable to be penalized for careless as per relevant penalty clauses.
- 4.2 Any accident or damage during /operation will be the responsibility of the firm/contractor & the Department will not entertain any claim, compensation, penalty etc. on this account or on account of non observance of any other requirement of law relevant to his work.

5.0 CURRENCY OF CONTRACT:

- 5.1 The currency of contract shall be 60 days. The Department 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.
- 5.2 The Department reserves the right to extend the contract for a maximum period of 15 days at the same rates & conditions, without the consent of the firm and beyond this period with mutual consent.

6.0 TERMINATION OF CONTRACT:

- 6.1 Right is reserved by BSNL for terminating the contract due to serious default. This includes major break down or accident or loss due to negligence on the part of firm or their workers, disobedience and abandoning the site etc. In such a case, Full Performance Guarantee shall be forfeited to BSNL. The Decision of the Engineer in charge in this regard shall be final and binding.
- 6.2 Right is reserved by BSNL for closure of the contract at any time by giving one month's notice for reasons not attributed to the Contractor. The Decision of the Engineer incharge shall be final and binding on the contractor for closure of contract and for which BSNL shall not entertain any claim.

7 PENALTY FOR DEFICIENCY IN SERVICE:

- (a) In case of major accident/ loss on account of negligence on part of the contractor, the contract shall be terminated and 10% (ten percent) of the tendered amount shall be recovered. Decision of the Engineer in charge shall be final and binding on the contractor.
- (b) Contractor shall be responsible to ensure proper working of PF Capacitor panel and that the power factor is maintained within 0.90 lag-.95 lag. Any penalty on this account levied by Supply Company (attributed to the wrong setting in APFC relay/ faults in capacitor panel not brought to the notice of the JTO(E)/SDE(E) in writing) shall be recovered from the agency with an additional penalty of Rs.1000/- per

occasion. However in case of inadequacy of the capacitor bank at the time of taking over or due to addition of any services / Load during period of contract, the extra requirement shall be met out departmentally.

- (c) In case of absence of worker from the duty/site where operation is carried out, penalty shall be made @ Rs. 500/- per day per person per shift. (Staff employed of less than the prescribed qualifications shall be treated as absent). The Decision of the Engineer incharge shall be final & binding. In case of persistent non wearing of uniform by the operators, noticed and recorded in the relevant registers/records/conveyed in writing penalty of Rs.100/- per occasion shall be levied.
- (d) If the performance is found to be unsatisfactory (Such as non-recording of data, continuous non availability of staff at site, not informing in writing to the SDE(E)/JTO(E) the faults and/or defects requiring maintenance activity in time etc.,) noticed by the Officers during their site visits / test checks, penalty upto 5% of one month's bill for that service for that site shall be recovered. This is in addition to the penalty for specific deficiencies as per Clause(s) above.
- (e) Notwithstanding the compensation clause described above, BSNL reserves the right to take necessary steps for operation of the installation at the risk and cost of the contractor within a day's notice or as decided by the E-in-C, depending upon the graveness of the situation. BSNL also reserves the right to levy additional penalties, wherever deficiency in the work carried out by the firm results in loss to BSNL.

8 GENERAL CONDITIONS:

- 8.1 The contractor has to keep all the equipments under operation and site neat and clean to avoid any accident and or fire hazards.
- 8.2 The contractor shall not sublet the work or part thereof. However, services of specialized agencies for specific work can be obtained.
- 8.3 The contractor agrees that he shall at all times indemnify BSNL against all claims for compensation under the provisions of any law for the time being in force or in respect of any person employed by it in carrying out the contract. Further, such staff has no right to claim employment in BSNL.

9 0 TEST CHECK BY THE FIELD ENGINEERS:

- 9.1 For the purpose of assessing the quality of service rendered by the firm against the above contract, the EE,SDE & JTO shall carryout inspection & test checks of the service/work under the contract periodically.
- 9.2 During these test checks they shall record any deficiency in the work. As per the principle of sampling, if service during sample test check is not found to be satisfactory, then penalty shall be imposed on the contractor as per the penalty clause no. 7.

10 ENERGY CONSERVATION

- 10.1 BSNL Electrical Wing, Chennai Telephones is committed to reduction in energy bills by the way of energy conservation over a year by 5%. The contractor shall continuously monitor & coordinate in energy conservation to save energy bills which includes suitable testing using energy monitoring instruments etc.,
- 10.2 The contractors are responsible for display of Energy conservation slogan stickers at prominent locations in the area under maintenance.
- 10.3 The firm shall follow energy conservation measures in respect of the services being maintained by him as when the same is issued.

ANNEXURE

COMPLAINT REGISTER

Officer / Sections lodging complaint	Nature of complaint	Date & Time redressal of complaint	Acknowledgement of rectification by complaint	Remarks

LOG BOOK FOR E/A SET AT	
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Name of work:

Name of contractor:

LOG BOOK FOR EA SET RUNNING OR THE MONTH OF

	E/A set No.	Start time	Stop time	Voltage		Load Current		F r e q	Spe ed	Lub oil Te mp	Lub oil Pr.	Water	Diesel le	vel Ltrs	KWH			
Date		Hrs	Hrs	RY	YB	B R	R	Y	В	Hz	RP M		Kg/c m2	Temp	Start	Stop	Start	Stop

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LOG BOOK FOR PAC Plant (Only Monitoring)

Date/Time		Plant		Plant							
	No of AC Units working	SI No of AC units working	Switch Room Temp	No of AC Units working	SI No of AC units working	Switch Room Temp					
00.00 hrs											
03.00 Hrs											
06:00 hrs											

Note: Only Printed Log books shall be used at site

LOG BOOK FOR SUBSTATION

The front cover of the log book shall indicate

Name of work:

Name of contractor:

1(a) Each page shall contain in one side the following table for recording data

DA	١Τ	Ε	:							

	НТ	PANEL		TRANS	FRANSFORMER 1							SFOR MER 2					SIGN OF OPER	SIGN OF EXCH
Time	HT VOLTAGE	HT CURR	MD REC	HT Curre	LT Volta	age		LT C			Temp eratur	Same as for	KWH	KVAH	KVAR H	P F	ATOR	ANGE STAF
		ENT	ORD ED	nt	RY	YB	BR	RY	Y B	BR	е	transfo rmer 1					-	F
10.00												1						
12.00																		

LIST OF APPROVED MAKES- BSNL ELECTRICAL WING

Standard	S. No.	Item	Makes
Stamford/Jyoti Ltd	1	Engine	Penta / Mahindra & Mahindra (up to 40 KVA) /Escorts (up
Standard HV Switchgear (Vacuum Circuit Breaker/SF6) Biecco Lawrie / Crompton / Kirloskar / MEI / Jyoti Ltd Breaker/SF6) Transformer (Oil filled / Dry type) ABB / Schneider Electric /Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar / Siemens ABB / Schneider Electric /Andrew Yule / Bharat Bijlee / Crompton / EMCO / Kirloskar / Siemens ABB / Schneider Electric / Siemens EMT / Schneider Electric / Siemens / EMT /	2	Alternator(Brushless)	
Breaker/SF6 Transformer (Oil filled / Dry type)	3	Battery (Lead Acid / Mntc. Free)	
a) Above 400 KVA b) Up to 400 KVA b) Up to 400 KVA ln addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens/HPL/Havells SDF units L&T/ Schneider Electric / Siemens/ HPL/Havells Power Contactors L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) Intelligent APFC Relay L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB Intelligent APFC Relay L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB Intelligent APFC Relay L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati/Syntron/ABB/Crompton/ Schneider Electric/Neptune Ducati/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider Electric/Siemens/Standard/C&S/ABB/HPL/Schneider/Schneider/Schneider/Schnei	4		Biecco Lawrie / Crompton / Kirloskar / MEI / Jyoti Ltd
b) Up to 400 KVA In addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear Air Circuit Breaker L&T/ Schneider Electric / Siemens KCCB(Ics=Icu) L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens/ HPL/Havells Electric / Siemens/ Lakshmi(LECS) L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati Power Capacitors (MPP/APP) L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati Digital/ KWHr meter Schneider Electric / AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&T/ABB Cold shrink HT/LT Cable Joint Denson / 3M(M-Seal)/ Raychem Rubber Matting ISI mark MCB/ Isolator /ELCB/RCCB/ Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL MS/ PVC Conduit ISI mark MS/ PVC Conduit ISI mark MEM/Bharti/Ratan/Slotco/Profab ISI mark PVC insulated copper conductor wire	5	Transformer (Oil filled / Dry type)	
Gear(AEG)/Patson/Rajasthan Transformer and Switchgear Air Circuit Breaker L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens L&T/ Schneider Electric / Siemens/ HPL/Havells Power Contactors L&T/ Schneider Electric / Siemens/ Lakshmi(LECS) L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB L&T/EPCOS(Siemens)/ABB/Legrand/Zeta Bus Bar Trunking/ Sandwiched Bus Duct Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta Bus Bar Trunking/ Sandwiched Bus Duct Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati Schneider Electric / AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&T/ABB Cold shrink HT/LT Cable Joint Denson / 3M(M-Seal)/ Raychem Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL MCB/ Isolator /ELCB/RCCB/ Distribution Board Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL MS/ PVC Conduit ISI mark MEM/Bharti/Ratan/Slotco/Profab ISI mark Cable Tray MEM/Bharti/Ratan/Slotco/Profab ISI mark ISI mark PVC insulated copper conductor wire		a) Above 400 KVA	
MCCB(Ics=Icu) L&T/ Schneider Electric / Siemens		b) Up to 400 KVA	In addition to above makes, Uttam/Automatic Electric Gear(AEG)/Patson/Rajasthan Transformer and Switchgear
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 ISI mark	6		
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 ISI mark	7	MCCB(Ics=Icu)	L&T/ Schneider Electric / Siemens
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	8	SDF units	L&T/ Schneider Electric / Siemens/ HPL/Havells
Intelligent APFC Relay L&T/EPCOS(Siemens)/ Schneider Electric / Neptune Ducati/Syntron/ABB Bus Bar Trunking/ Sandwiched Bus Duct Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta Bus Duct Description / Electric/Neptune Ducati L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati Cold shrink HT/LT Cable Joint Denson / 3M(M-Seal)/ Raychem Cold shrink HT/LT Cable Joint Denson / 3M(M-Seal)/ Raychem Rubber Matting ISI mark MCB/ Isolator /ELCB/RCCB/ Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL MS/ PVC Conduit ISI mark MS/ PVC Conduit ISI mark HT/LT Cables ISI mark ISI mark ISI mark ISI mark ISI mark ISI mark	9	Power Contactors	L&T/ Schneider Electric / Siemens/ Lakshmi(LECS)
Ducati/Syntron/ABB 12 Bus Bar Trunking/ Sandwiched Bus Duct 13 Power Capacitors (MPP/APP) 14 Digital/ KWHr meter 15 Cold shrink HT/LT Cable Joint 16 Rubber Matting 17 MCB/ Isolator /ELCB/RCCB/Distribution Board 18 MS/ PVC Conduit 19 Cable Tray 19 Cable Tray Ducati/Syntron/ABB Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta Moeller/L&T/Schneider Electric/ABB/Crompton/ Schneider Electric/Neptune Ducati Schneider Electric/ AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&T/ABB Denson / 3M(M-Seal)/ Raychem ISI mark Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL ISI mark 18 MS/ PVC Conduit ISI mark 19 Cable Tray MEM/Bharti/Ratan/Slotco/Profab ISI mark 20 HT/LT Cables ISI mark ISI mark	10	Change Over Switch	HPL / Havells / H-H Elcon
Bus Duct 13	11	Intelligent APFC Relay	
Electric/Neptune Ducati Digital/ KWHr meter Schneider Electric/ AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&T/ABB Cold shrink HT/LT Cable Joint Denson / 3M(M-Seal)/ Raychem Rubber Matting ISI mark MCB/ Isolator /ELCB/RCCB/ Distribution Board Crompton / Havells / Indokopp / MDS Legrand/ L&T / Schneider Electric/ Siemens / Standard/ C&S/ABB/HPL MS/ PVC Conduit ISI mark MEM/Bharti/Ratan/Slotco/Profab HT/LT Cables ISI mark PVC insulated copper conductor wire	12		Moeller/L&T/Schneider Electric/ABB/Legrand/Zeta
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/ 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	13	Power Capacitors (MPP/APP)	Electric/Neptune Ducati
16 Rubber Matting ISI mark 17 MCB/ Isolator /ELCB/RCCB/ 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	14	Digital/ KWHr meter	Schneider Electric/ AE/ Digitron / IMP/ Meco / Rishabh / Universal/HPL/L&T/ABB
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	15	Cold shrink HT/LT Cable Joint	Denson / 3M(M-Seal)/ Raychem
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19 Cable Tray MEM/Bharti/Ratan/Slotco/Profab 20 HT/LT Cables ISI mark 21 PVC insulated copper conductor wire ISI mark	17		
20 HT/LT Cables ISI mark 21 PVC insulated copper conductor wire ISI mark	18	MS/ PVC Conduit	ISI mark
21 PVC insulated copper ISI mark conductor wire	19	Cable Tray	MEM/Bharti/Ratan/Slotco/Profab
conductor wire	20	HT/LT Cables	ISI mark
	21	• •	ISI mark
į	22	I .	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

PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities : Attached

SCHEDULE 'B'

Schedule of materials to be issued to the bidder: Nil

SCHEDULE 'C'

Tools and plants to be hired to the bidder: Nil

SCHEDULE 'D'

Extra schedule for specific requirements/documents for the work, if any: Nil

SCHEDULE 'E'

Schedule of components of Materials, Labour etc. for escalation: Nil

SCHEDULE 'F'

Reference to General Conditions of contract:

Name of work:	
Estimated cost of work:	As per NIT notification page
Earnest money:	
Security Deposit and	
performance Guarantee	

General Rules & Directions: Officer inviting tender: Executive Engineer (E), ED-I, Chennai Definitions:

2(v) Engineer-in-Charge Executive Engineer (E), ED-I, Chennai

2(vi) Accepting Authority EE (E), BSNL Electrical Division -I, Chennai

2(x) Percentage on cost of materials

and labour to cover all 10%(TEN)

overheads and profits

CLAUSE 5

Time allowed for execution Two Months

Authority to give fair and reasonable extension of time for completion of work: SE (E),EC-II,Chennai

Competent Authority for deciding reduced rates :SE (E),EC-II,Chennai

Clause 25

Competent authority for conciliation: SE (E) not in-charge of the work.

BSNL EW-8

Bharat Sanchar Nigam Limited Electrical Wing

Electrical Division: ED-I, Chennai Sub Division: ESD III, Chennai

- 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. If I/We, fail to commence the work specified, I/We agree that the said BSNL shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and the same may at the option of the competent authority on behalf of BSNL be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.
- 5. Should this tender be accepted, I/We agree to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered upto maximum of percentage mentioned in clause 12.3 of the tender form and those in excess of that limit at rates to be determined in accordance with provisions contained in clause 12.2.
- 6. I/we agree to furnish to BSNL, Deposit at Call receipt/FDR/ Bank guarantee of a Nationalized/ Scheduled Bank for an amount equal to 5% of the contract value in a standard format within two weeks from the date of issue of award letter. I/We agree to keep the performance bank guarantee valid as per the BSNL terms and conditions.
- 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 bidder's thumb impression is given by the bidder in place of signature) Occupation of Witness:	(Signature of bidder) (Name & Postal address)
	Seal of Bidder
	Date:

Acceptance of Tender

by	me	for	and	on	behalf	of	BSNL	for	а	sum	of	Rs.	
(Rup	ees)		
The	letters	referre	d to bel	ow sha	all form pa	rt of th	nis contra	ct Agre	emer	ıt.			
a)													
b)													
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D	ated												
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 $\begin{array}{c} \text{Internet downloaded copy} \\ \textbf{30 of 30} \end{array}$