



BHARAT SANCHAR NIGAM LIMITED

(A Govt of India Enterprise)
(Electrical Wing)

O/o .the Sub Divisional Engineer (E)
BSNL Electrical sub division-VI
Room no.7, CTX building,
Flower Bazaar TE complex,
Chennai Pin. 600 001
Phone: 25345050

TENDER DOCUMENT

NAME OF WORK: Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)

Name of the Contractor: _____

(To be filled in by the Contractor)

Address

_____ Pin. _____
Phone: _____
Fax: _____

Division NIT **No 22/ED-I/CH/19-20 dt 03.01.2019**
Sub Division NIT No 02/ESD-VI/19-20

Sub Divisional Engineer (E)
BSNL electrical sub division-VI
Chennai-1

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TENDER NOTIFICATION

The Sub Divisional Engineer (Electrical), BSNL Electrical Sub Division – VI Chennai invites on behalf of BSNL item rate tenders for the work of **Name of Work : Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)**

Eligibility Criteria

The Contractors satisfying the following conditions:

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

AND

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

- 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.

OR

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

The tender will be received up to **3.00 P.M.** on **08/01/2019** and opened on **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.

1. Estimate Cost: **Rs.20570/-**

2. EMD: **Rs 411/-**

3. Last date for sale of Tender Schedules: **07/01//2019 upto 4.00PM**

4. Cost of Tender Schedule: **Rs.177/-**

5. Security Deposit: 5% of contract value

6. Performance Guarantee: 5% of contract value

7. Time for Completion: **15Days.**

Sub Divisional Engineer (E)
BSNL electrical sub division-VI
Chennai-1

GENERAL GUIDELINES

- 1) BSNL EW-6, Form BSNL EW 8, Schedules A to F, special conditions/ specifications and drawings will be issued to intending tenderer only. The Standard Form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by the both parties after acceptance of tender. The standard Forms shall be available in downloadable manner from website <http://www.chennai.bsnl.co.in>
- 2) All blanks are confined to Notice Inviting Tender (BSNL W-6) and Schedules A to F.
- 3) Authority approving the Notice Inviting Tenders (NIT) shall fill up all the blanks in BSNL EW-6, and in Schedules B to F before issue of Tender Papers.
- 4) The intending tenderer will quote their rates in Schedule A.
- 5) The Proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderer for filling and returning the same in the manner prescribed. The Schedules can also be downloaded from website <http://www.chennai.bsnl.co.in>

Declaration by Contractor

This is to certify that:

- 1) I / We have submitted the tenders in the Proforma as downloaded directly from the web sites which are same as available in the web site and there is no change in the format, no. of pages, etc.
- 2) I / We have not made any modifications / corrections / additions etc., in the tender documents downloaded from web by me / us.
- 3) I / We have checked that no page is missing and all pages as per the index are available and that all pages of tender document submitted by us are clear and legible.
- 4) I / We have signed (with stamp) all the pages of tender document before submitting the same.
- 5) I / We have stitched and wax sealed the tender documents properly before submitting the same.
- 6) I / We have submitted the cost of the tender along with EMD in the first cover as prescribed.
- 7) I / We have read carefully and understood the 'Important instructions to contractors', 'Important instructions to tenderers' and entire standard PWD8 clauses and Proforma form displayed in web site.
- 8) In case at later stage, it is noticed that there is any difference in my / our tender documents with the original documents, BSNL shall have the right to cancel the tender / work, forfeit the Earnest Money / Security Deposit, take appropriate action as per the prevailing rules in force and BSNL shall not be bound to pay any damages to me / us on this account.

Dated.....

(CONTRACTOR)

(SIGN WITH SEAL)

UNDERTAKINGS TO BE FURNISHED BY THE TENDERER

Undertaking : A

"I.....Son of.....
.....Residing at.....
..... 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.

**Note:-The Standard BSNL EW - Form 6 & 8 are available in the website
www.chennai.bsnl.co.in**

(Seal of the firm)

(Dated Signature of Contractor)

Undertaking : B

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

(Seal of the firm)

(Dated Signature of Contractor)

Undertaking : C (REGARDING EPF PROVISIONS)

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

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

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

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

* strike out whichever is not applicable

(Seal of the firm)

(Dated Signature of Contractor)

Undertaking : D

PAN No:.....

Service Tax Registration No:.....

TNGST Registration No:.....

TIN Number:

(Seal of the firm)

(Dated Signature of Contractor)

Annexure I

**MODEL FORM OF BANK GUARANTEE
(for submitting EMD)**

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

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

THE CONDITIONS of the obligation are:

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

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

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

Signature of the Bank

Signature of the Witness
Name of Witness

Address of Witness:

ANNEXURE II

PERFORMANCE SECURITY GUARANTEE BOND

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 demur, merely on a demand from the BSNL by reason of breach by the said contractor(s)' of any of the terms or conditions contained in the said Agreement or by reason of the contractors(s)' failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee where the decision of BSNL in these counts shall be final and binding on the bank. However, our liability under this guarantee shall be restricted to an amount not exceeding _____.

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

4. We(name of the bank) _____ further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the BSNL under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till _____(office/Department) BSNL certifies that the terms and conditions of the said Agreement have been fully or properly carried out by the said contractor(s) and accordingly discharges this guarantee. Unless a demand or claim under this guarantee is made on us in writing on or before the expiry of 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 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 bank)

Bharat Sanchar Nigam Limited
(A Government of India Enterprise)
Electrical Wing

Electrical Division: I, Chennai

Sub Division: ESD-VI Chennai

Certified that this tender schedule Contains **Thirty two** pages only.

NIT No. 1. Division NIT No 22/ED-I/CH/19-20 dt 03.01.2019

2. Sub Division NIT No 02/ESD-VI/19-20

Notice Inviting Tenders

(As per Tendering Procedure in BSNL revised up to date)

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

Name of Work : Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)

Estimated cost: **Rs.20570/-**

- 1) a) Printed forms of tenders consisting of the detailed plans, complete specifications, the schedule of quantities of the various classes of works to be done and the set of conditions of contract to be complied with by the persons whose tender may be accepted, can be purchased, at the Sub divisional office between the hours of **11.00 hrs and 16.00 hrs.** every day except on Sundays and public Holidays on payment of **Rs.177.00** in cash.
b) The site for the work is available/ or the site for the works shall be made available in parts.
c) The tender forms can also be downloaded from the website.
d) Before tendering, the contractor shall inspect the site and fully acquaint himself about the condition with regard to accessibility of site and site nature and the extend of grounds, working condition, including stocking of materials, installation of T&P etc., and conditions affecting accommodation and movement of labour etc., required for the satisfactory execution of the contract. No claim whatsoever on such account shall be entertained by the BSNL in any circumstances.
- 2) Tenders which should always be placed in sealed covers with the name of the work written on the envelope will be received by the Sub Divisional Engineer (Elect.) Sub Division – VI Up to 15.00 hours on **25.11.2019** and will be opened by him in his office on the same day at 15.30 hours.
- 3) The time allowed for carrying out the work will be **15Days** from the 10th day after the date of written order to commence the work.
- 4) Issue of tender form will be stopped two days before the date **25.11.2019** fixed for opening of tenders. Tenders will be sold on working days, no tenders will be sold after 16.00 hours.
- 6) a) Earnest Money amounting to **Rs 411/-** only in the form of demand draft/ FDR/ BG/ CDR of a nationalized/scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of **Accounts Officer, BSNL , Chennai Telephones.** must accompany each tender and each tender should be in two sealed covers, one cover containing the EMD in proper form and other cover containing tender , super scribed as “ Tender for the work of ---- and addressed to Sub Divisional Engineer (Electrical), Electrical Sub Division-VI Chennai. **The Validity period of EMD is 120 days, from the date of opening of tender.** In case of e-tendering, each tender should be in two sealed coves, first containing credentials for meeting the Eligibility conditions along with the cost of tenders and EMD in proper form, second cover containing tender documents. The credentials shall be self attested and certified by any BSNL Executive. If not certified by BSNL Executive then original documents shall be produced at the time of tender opening. After verification of the contents of this envelope then second envelope containing the bid document shall be opened.
b) The EMD of all the unsuccessful tenderer's shall be released on issue of award letter to the successful tenderer. This shall be done within one week of award letter.
c) Exemption from payment of earnest money and security deposit by any other unit/ department shall not hold good for BSNL.

- 7) a) The contractor should submit and confirm Chartered Accountant Certificate in respect of turnover and other registration certificate [Enlistment in BSNL, Electrical License, VAT Registration] with self attested copies as applicable along with the application on printed letter head for purchase of tender.
- b) The contractor shall submit and confirm his permanent account number (PAN) issued by the Income Tax Department.
- c) The contractor should submit the valid WCT/Service Tax/ VAT registration certificate
- i) Performance Guarantee: The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee / CDR/FDR/DD (of a nationalized / Scheduled Bank in a standard format) within two weeks from the date of issue of award letter. This period can be further extended by the Engineer-in-charge up to a maximum period of 2 weeks on written request of Contractor. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.
- ii) Security deposit : In addition to performance guarantee stated above, a sum @ 10% of the gross amount of the bill shall be deducted from each running bill of the contractor till the sum be deducted with the sum already deposited as earnest money, will amount to security deposit of 5% of the Tendered value of the work.
- 8) The acceptance of a tender will rest with the Sub Divisional Engineer (E) who does not bind himself to accept the lowest tender or any other tender and reserves to himself the Authority to reject lowest or all the tenders received without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected. Tenders with any condition including that of conditional rebates shall be rejected forthwith summarily.
- 9) Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
- 10) The BSNL reserves itself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
- 11) i) The tenderer should give a certificate that none of his/her relative is employed in BSNL units. In case of proprietorship firm, certificate will be given by the proprietor and for partnership firm certificate will be given by all the Directors of the company.
- ii) Near relatives of all BSNL employees either directly recruited or on deputation are prohibited from participation in tenders and execution of works in the different units of BSNL. The near relatives for this purpose are defined as:
- a) Members of a Hindu Undivided family.
- b) They are husband and wife.
- c) The one is related to the other in the manner as father, mother, son(s) & son's wife(daughter-in-law), Daughter(s) & daughter's husband(son-in-law), brother(s) & brother's wife, sister(s) & sister's husband(brother -in-law).
- iii) The company or firm or any other person is not permitted to tender for works in BSNL Unit in which his near relative(s) is(are) posted. The unit is defined as SSA/Circle/Chief Engineer/Chief Archt./Corporate office for non executive employees and all SSA in a circle including circle office/Chief Engineer/Chief Architect./Corporate office for executive employees (including those called as Gazetted officers at present). The tenderer should give a certificate that none of his/her such near relative is working in the units as defined above where he is going to apply for tender/work, for proprietorship, partnership firms and limited company certificate shall be given by the authorized signatory of the firm. Any breach of these conditions by the company or firm or any other person, the tender/work will be cancelled and earnest money/performance guarantee will be forfeited at any stage whenever it is so noticed. BSNL will not pay any damages to the company or firm or the concerned person. The company or firm or the person will also be debarred for further participation in the concerned unit.
- The format of the certificate to be given is "I...Son of Shri.... Resident of hereby certify that none of my relative(s) as defined in the tender document is/are employed in BSNL unit as per details given in tender document. In case at any stage, it is found that the information given by me is false /incorrect, BSNL shall have the absolute right to take any

action as deemed fit/without any prior intimation to me".

(Seal of the firm)

(Signature of Contractor)

- 12) No employee in BSNL/ Govt. of India is allowed to work as a contractor for a period of two years of his retirement from service without the prior permission. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission as aforesaid before submission of tender and engagement in the contractors service.
- 13) The tender for the works shall not be witnessed by the contractor who himself/themselves has/ have tendered or who may and has/have tender for the same work. Failure to observe this condition would render tenders of the contractors tendering as witnessing the tender is/are liable for summarily rejection.
- 14) It will be obligatory on the part of the tenderer to sign each page of the Schedule of work and the tender documents for all the component parts and after the work is awarded he will have to enter into a separate agreement for each component with the officer concerned.
- 15) Any tender not submitted in proper manner or if it contains too many corrections, over writings of absurd rates, and absurd amount will be liable to be rejected and the BSNL will be at liberty to take such action as it may deem fit without any reference to the tenderer.
- 16) The tenders for the work shall remain open for acceptance for a period of 90 days from the date of opening of the tenders.
If any tenderer withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which is not acceptable to the BSNL shall, without prejudice to any other right of remedy be at liberty to forfeit 50% (fifty percent only) of the said earnest money absolutely.
- 17) 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.
- 18) Unsealed tenders will be summarily rejected.
- 19) The contractor should read the tender documents carefully before submitting the tender.
- 20) Agreement shall be drawn with the successful tenderer on prescribed form. Tenderer shall quote his rates as per various terms and conditions of the said form, which will form part of the agreement.
- 21) The tenderer shall furnish a declaration to this effect (incase downloaded tender) that no addition/deletion/correction have been made in the tender document submitted and is identical to the tender document appearing on website. Every page of downloaded tender shall be signed by the tenderer with stamp (seal) of his firm /organization.
- 22) This Notice Inviting Tender shall form part of the Contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-

BSNL EW Name of Work: Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)

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

23) ELIGIBILITY CRITERIA: -

AS found in Tender Notification in Page no.3

..

Sub Divisional Engineer (E)
Electrical Sub Division –VI Chennai
For and on behalf of
Bharat Sanchar Nigam Limited.

BHARAT SANCHAR NIGAM LIMITED
(A Government of India Enterprise)

CIRCLE : Electrical Circle –II, Chennai
BRANCH : EW

DIVISION : I, Chennai
SUB DIVISION: VI, Chennai

(A) Tender for the work of:- Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)

(i) Issued to (contractor) : _____

(ii) Tender Cost: Rs.177/- (iii) Receipt No. _____

(iv) Date of application: _____ (v) Date of issue : _____

(vi) Signature of officer issuing the documents _____

(vii) Designation : Sub Divisional Engineer (E)

(B) (i) To be submitted by (time) 15.00 hours on (date) **25.11.2019** to the Sub Divisional Engineer (E), ESD-VI TE Flower bazaar Chennai-1

(ii) To be opened in presence of tenderers who may be present at **15.30** hours on **25.11.2019** in the office of SDE(E), ESD-VI

T E N D E R

1. I/we have read and examined the notice inviting tender, schedule, specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, special conditions, Schedule of Rates and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

2. I/We hereby tender for the execution of the work specified for BSNL within the time specified, schedule of quantities and in accordance in all respects with the specifications, designs, drawings and instructions and other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

3. I/We agree to keep the tender open for ninety (90) days from the due date of submission thereof and not to make any modifications in its terms and conditions.

4. A sum of **Rs.411/-** is hereby forwarded in the form of Deposit at call receipt /FDR//Bank guarantee of a Nationalized /Scheduled Bank as earnest money. If I/We, fail to commence the work specified I/We agree that the said BSNL shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely and the same may at the option of the competent authority on behalf of BSNL be recovered without prejudice to any other right or remedy available in law out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

5. Should this tender be accepted, I/W e agree to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered up to maximum of percentage mentioned in clause 12.3 of the tender form and those in excess of that limit at rates to be determined in accordance with provisions contained in clause 12.2.

6. I/we agree to furnish to BSNL Deposit at call receipt/FDR/ Bank guarantee of a Nationalized/ Scheduled Bank for an amount equal to 5% of the contract value in a standard format within two weeks from the date of issue of award letter. I/We agree to keep the performance bank guarantee valid for one year from the date of actual completion of work.

7. I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety or interest of BSNL.

Signature of Witness

(Required in the case of contractor's thumb impression is given by the contractor in place of signature)

Name & Postal address

Signature of contractor

Seal of Contractor

Occupation of Witness

Date

ACCEPTANCE

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

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

- a)
- b)

For & on behalf of BSNL

Dated

Sub Divisional Engineer (E)

GENERAL RULES AND DIRECTIONS

1. All works proposed for execution by contractor will be notified in a form of invitation to tender displayed on Notice Board in select BSNL offices and signed by the officer inviting tender or by publication in News papers/internet (designated web page) as the case may be.
2. This form will state the work to be carried out, as well as the date of submitting and opening tenders and the time allowed for carrying out the work; also the amount of earnest money to be deposited with the tender, and the amount of performance guarantee to be deposited by the successful tenderer(s). Copies of the specifications, designs and drawings and any other documents required in connection with the work signed for the purpose of identification by the Officer inviting tender shall also be open for inspection by the contractor at the office of Officer inviting tender during office hours.
3. In the event of the tender being submitted by a firm it must be signed by the authorized signatory.
4. Receipts for payments made on account of work when executed by a firm, must also be signed by authorized signatory.
5. Any person who submits a tender shall fill up the usual printed form stating at what rate he is willing to undertake each item of the work. Tenders, which propose any alteration in the work specified in the said form of invitation to tender, or in the time allowed for carrying out the work, or which contain any other condition of any sort, including conditional rebates will be summarily rejected. However, tenders with unconditional rebate will be acceptable. No single tender shall include more than one work, but contractors who wish to tender for two or more works shall submit separate tender for each. Tenders shall have the name and number of the works to which they refer written on the envelopes.
The rates(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and considering more than fifty paise as rupee one.
6. The Officer inviting tender or his duly authorized assistant will open tenders in the presence of any intending contractors who may be present at the time, and will enter the amounts of the several tenders in a Comparative Statement in a suitable form. In the event of a tender being accepted a receipt for the earnest money forwarded therewith shall thereupon be given to the contractor who shall thereupon for the purpose of identification sign copies of the specifications and other documents mentioned in Rule 1. In the event of a tender being rejected, the earnest money forwarded with such unaccepted tender shall thereupon be returned to the contractor remitting the same without any interest.
7. The officer inviting tenders shall have the right of rejecting all or any of the tenders, and, will not be bound to accept the lowest or any other tender.
8. The receipt of an accountant or clerk for any money paid by the contractor will not be Considered as any acknowledgement of payment to the Officer inviting tender and the contractors shall be responsible for seeing that he procures a receipt signed by the concerned Accounts Officer.
9. The memorandum of work tendered for and the schedule of materials form is issued. If a form is issued to an intending tenderer without having been so filled in and incomplete, he shall request the officer to have this done before he completes and delivers his tender.
10. The tenderer shall sign a declaration under the officials Secret Act, 1923 for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.

11. Rates quoted by the Contractor in the tender both in figures and words shall be accurately filled-in so that there is no discrepancy in the rates written in figures & words. However, if a discrepancy is found the rates which correspond with the amount worked out by the contractor shall unless otherwise proved be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rates written in either in figures or words then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in figures and in words tally but the amount is not worked out correctly, the rates quoted by the contractor will unless otherwise proved be taken as correct and not the amount.

12. Performance Guarantee: The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee / CDR/FDR/DD (of a nationalized / Scheduled Bank in a standard format) within two weeks from the date of issue of award letter. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.

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

13. All rates shall be quoted on the tender form. The amount for each item should be worked out and requisite totals given. Special care should be taken to write the rates in figures as well as in words and the amount in figures only, in such a way that interpolation is not possible. The total amount should be written both in figures and words. In case of figures, the word 'Rs.' Should be written before the figure of rupees and word 'P' after the decimal figures, e.g. 'Rs.2.15 P' and in case of words, the word, 'Rupees' should precede and the word 'Paise' should be written at the end. Unless the rate is in whole rupees and followed by the word 'only' it should invariably be up to two decimal places. While quoting the rate in schedule of quantities, the word 'only' should be written closely following the amount and it should not be written in the next line.

14A The bidder shall give the total composite price inclusive of all Central & state's levies and taxes i.e Sales-tax, purchase tax, turnover tax, service tax, works contract tax etc. or any other taxes or duties like octroi, local area development tax on materials/ labor etc. However the evaluation and comparison of respective bids shall be done on the basis of net cost to BSNL on the prices of the goods offered inclusive of duties and taxes (but –excluding CENVAT-able duties and taxes) sales tax, packing, forwarding ,freight and insurance charges as per existing BSNL policies.

14.B The total composite price shall comprise of unit price and all other components of price need to be individually indicated quoted against the goods/material/service, it proposes to supply under the contract in the following manner:-

i) The Basic Unit Price (Ex-Factory Price) of the goods /services/ materials Excise Duty, Sales Tax, Freight, Forwarding ,Packing , service tax, insurance and any other levies /charges already paid or payable by the contractor/ supplier shall be quoted separately .

ii) The liability to pay all taxes ,levies ,etc shall be of contractor and BSNL will not entertain any claim whatsoever in this respect..

14C No confessional form except Sales Tax form 'C' for the items as specified in the schedule of works and meant for use in BSNL, shall be provided by BSNL. Form ' C ' shall be provided by the BSNL only on the specific request of the contractor."

- For the purpose of evaluation of financial Bid, composite price inclusive of all taxes and levies will be considered .

- The unit wise cost /break up is necessary for the purposes of information and verification of composite price so quoted by the contractor/supplier.

- The contractor supplier shall submit to BSNL documents /proof of payment of al taxes /levies along with exemption certificate if any ,to avail CENVAT benefits by BSNL.

- However the evaluation and comparison of respective bids shall be done on the basis of net cost to BSNL on the prices of the goods offered inclusive of duties and taxes (but –excluding

CENVAT-able duties and taxes) sales ,tax, packing, forwarding ,freight and insurance charges as per existing BSNL policies.

15.A 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 thereupon 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.

15 B In case of statutory variation in regard to excise duty , only in respect of package AC units, EA set and Lifts . within the stipulated date of completion of individual agreement, the same shall be paid or recovered as per the actual against documentary proof . However, beyond this period BSNL will take advantage of any duty reduction but will not pay extra on account of duty increase. Price adjustment provision on account of change in excise duty shall not apply in respect of equipment/components of equipment/materials, other than package AC units, EA set and lifts.

15.C The contractor shall, keep necessary books of account 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 BSNL and further shall furnish such other information/ document as engineer-in-charge may require .

16 The Contractor shall, within a period of 30 days of imposition af 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.

17 BSNL shall deduct work contract tax, income tax and other statutory deductions from payments due to the firm as per rules of the State/Central Government. The Accounts Officer of the concerned Division shall issue certificates for such deductions to the firm.

18 The tender for the work shall not be witnessed by a contractor or contractors who himself/ themselves has/have tendered or who may and has/have tendered for the same work. Failure to observe this condition would render, tenders of the contractors tendering, as well as witnessing the tender, liable to summary rejection

19. Other agencies will also simultaneously execute the works like horticulture, external services, installation of telephone exchange equipment and other building works for the same project along with this work in particular. The contractor shall afford necessary facilities for the same. No claim in the matter shall be entertained.

20. Some restrictions may be imposed by the security staff etc. On the working and/or movement of Labour, material etc., The contractor shall be bound to follow all such restrictions /instructions and nothing extra shall be payable on this account.

21. The contractor shall comply with the provisions of the Apprentices Act 1961, and the rules and orders issued there under from time to time. If he fails to do so, his failure will be a breach of the contract and the Engineer-in-charge may in his discretion without prejudice to any other right or remedy available in law cancel the contract. The contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provisions of the said Act.

22. No engineer of Gazetted rank or executive of BSNL 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 of his retirement from government service without the previous permission of government of India/BSNL. This contract is liable to be cancelled if either the contractor or any of his employee is found at any time to be such a person who had not obtained the permission of government of India as foresaid, before submission of the tender or engagement in the contractor's service as the case may be.

23. Near relatives of all BSNL employees either directly recruited or on deputation are prohibited from participation in tenders and execution of works in the different units of BSNL. The near relatives for this purpose are defined as:

- a) Members of a Hindu Undivided family.

b) They are husband and wife.

a) 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).

24. The company or firm or any other person is not permitted to tender for works in BSNL Unit in which his near relative(s) is(are) posted. The unit is defined as SSA/Circle/Chief Engineer/Chief Archt./Corporate office for non executive employees and all SSA in a circle including circle office/Chief Eng./Chief Archt./Corporate office for executive employees (including those called as Gazetted officers at present). The tenderer should give a certificate that none of his/her such near relative is working in the units as defined above where he is going to apply for tender/work, for proprietorship firm certificate will be given by the sole proprietor, for partnership firm, certificate will be given by the authorized signatory. 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.

MODIFICATIONS TO NEW BSNL EW 6 & EW8
(IN CASE OF SINGLE BID SYSTEM)

Sl. No.	Reference	Pg. No.	New EW 6	To be read as
1.	Para 3(a)	2.	Does Not Exist	If a holiday is declared on the tender opening day, the tender will be opened on the next working day.
2.	Para 6 (a)	2.	In case of e-tendering ,each tender should be in two sealed coves, first containing credentials for meeting the Eligibility conditions along with the cost of tenders and EMD in proper form, second cover containing tender documents. The credentials shall be self attested and certified by any BSNL Executive. If not certified by BSNL Executive then original documents shall be produced at the time of tender opening.	Deleted.
3.	Para 6 (a)(ii)	3.	Does not Exist.	<u>E-TENDERING</u> The tender documents consisting of plans, specifications, schedule of quantities of the various classes of work to be done and the set of terms and conditions of the contract to be complied with by the contractor, whose tender may be accepted and all other relevant information / documents / drawings pertaining to the work can be downloaded for quoting the tender from our website www.chennai.bsnl.co.in. • <i>Submission of tenders:-</i> In case the tender documents are downloaded from the internet, the bids shall be submitted as per two envelope system as described below: The tenderer shall submit the tender in two nos. separate sealed envelopes marked as Envelope 1 and Envelope II. The name of the work, name of tenderer, last date of receipt of tender should be mentioned on each envelope. After verification of the contents of envelope I, then second envelope containing the bid document shall be opened. If Envelope-I is not annexed or the documents submitted in the Envelope-I are found incomplete or not in proper form against requirements as given below herein, then the Envelope-II containing price bid will not be opened at all and shall be returned to the tenderer on the spot if the tenderer is present at the time of tender opening. ○ <i>The envelope-I shall contain the following:-</i> Cost of bid documents (which shall not be

				refunded, even if bidder is found ineligible for issue of tender documents) in form of a separate demand draft of a scheduled Bank or Nationalized Bank / State Bank guaranteed by Reserve Bank of India drawn in favour of BSNL, Chennai Telephones. Earnest money as per para 6(a) of EW-6 in the form of CDR/FDR/DD/BG of a nationalized/scheduled bank guaranteed by the Reserve Bank of India drawn in favour of BSNL, Chennai Telephones. ▪ (Proforma as per Annexure-I for BG). ▪ Self Attested Copy of PAN card issued by I/Tax Department. ▪ Self Attested copy of Chartered Accountant Certificate for turnover. ▪ Self Attested copy of Service Tax Registration Certificate. Self attested Documents for establishing eligibility. The testimonials regarding the
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				list of works satisfactorily completed (at least for the requisite magnitude) should be obtained from an Officer not below the rank of Executive Engineer in the organization concerned. Self Attested copy of EPF Registration Certificate(if applicable) ○ The envelope-II shall contain the following:- ▪ Bid Document with the price break up filled in numerals and in words and duly signed in all pages.
4.	Para 7	3.	(a) The contractor should submit and confirm Chartered Accountant Certificate in respect of turnover and other registration certificate [Enlistment in BSNL, Electrical License, Sales Tax] with attested copies (self attested and counter attested by any executive of BSNL/MTNL or Gazetted officer of GOI) as applicable along with the application on printed letter head for purchase of tender. b)The contractor shall submit and confirm his permanent account	The tender documents consisting of plans, specifications, schedule of quantities of the various classes of work to be done and the set of terms and conditions of the contract to be complied with by the contractor, whose tender may be accepted and all other information/documents/drawings pertaining to the work will be open for inspection by tenderer and can be had from the Office of Sub Divisional Engineer (E),Electrical Sub Division-KCM between 11.00 hours & 16.00 hours every working day except on Sundays and Public Holidays on payment of an amount as per para 2(a) of EW-6. The cost of tender documents deposited along with application for tender issue shall not be refunded, even if bidder is found ineligible for issue of tender documents. The firms shall submit application for issue of tender documents on its printed letter head, accompanied with Self Attested Copies of the following documents in support of fulfilling the eligibility criterion: a)The testimonials regarding the list of works satisfactorily completed (at least for the requisite

			number (PAN) issued by the Income Tax Department. c) The tenderer should submit the valid WCT/ Sales Tax/ VAT.	magnitude) obtained from an Officer not below the rank of Executive Engineer in the
			registration certificate	Organization concerned. b)Chartered Accountant Certificate for turnover with a copy of PAN card issued by Income Tax Department. c)Service Tax Registration Certificate d)EPF Registration Certificate (if applicable)
5.	Para 24(a)	5.	Does not Exist	i) If it is found at any stage of tender scrutiny after submission of tender that the bidder has made any correction/addition/alteration/omission in tender documents vis-à-vis tender documents available on the website / original Draft NIT in office, the bid shall be treated as non-responsive 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. ii) The conditional tender or tenders with conditional rebate shall be summarily rejected. iii) The tenderer shall submit the original computer printout of the tender documents downloaded from the internet. Photocopy shall not be accepted. iv) The Tender documents shall not be sent through the Courier/Post. Tender documents received through Courier/post shall not be opened/considered at all. v) All communication with the bidders shall be in writing. Fax / E-mail shall be covered under this category and considered as adequate means of communication.
6.	Para 25	5.	This Notice Inviting Tender shall form part of the Contract document. The successful tenderer/contractor on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of :-	The Notice Inviting Tender shall form part of the contract document, in accordance with clause-1 of the contract. The contract shall be deemed to have come into effect on issue of communication of acceptance of tender. On such communication of acceptance, the successful tenderer /contractor shall within 15 days from such date, formally sign the contract consisting of:- (a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender and as issued at the time of invitation

			a) The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto. b) Standard form.	of tenders and acceptance thereof together with any correspondence leading thereto. (b) Standard E.W.-8 Form.
7.	Para 25(ii)	5.	Does not exist	<u>EPF PROVISIONS:-</u> 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 the prescribed proforma (UNDERTAKING REGARDING EPF PROVISIONS)

Sl. No	Reference	Pg. No.	New EW 8	To be read as
1.	Para 2 of "Tender"	6.	I/We hereby tender for the execution of the work specified for BSNL within the time specified, schedule of quantities and in accordance...	I/We hereby tender for the execution of the work specified for BSNL within the time specified, as per the schedule of quantities and in accordance...
2.	Para 2 of "General Rules and Directions"	8.	...and the amount of performance guarantee to be deposited by the successful tenderer(s).	...and the amount of performance guarantee to be deposited by the successful tenderer(s), and the amount of Security Deposit to be deducted from the bills.
3.	Para 14© of "General Rules and Directions".	10.	For the purpose of evaluation of financial Bid, composite price inclusive of all taxes and levies will be considered . • • The unit wise cost /break up is necessary for the purposes of information and verification of composite price so quoted by the contractor/supplier.	The evaluation and comparison of responsive bids shall be done on the basis of Net cost to BSNL on the prices offered inclusive of duties and taxes (but excluding CENVAT – able duties & taxes), sales tax, packing, forwarding, freight and insurance charges etc., as indicated in the price schedule. Vendors should furnish the correct E.D. / Customs tariff Head in the price schedule. If the credit for the Duties

			• The contractor supplier shall submit to BSNL documents /proof of payment of all taxes /levies along with exemption certificate if any ,to avail CENVAT benefits by BSNL • However the evaluation and comparison of respective bids shall be done on the basis of net cost to BSNL on the prices of the goods offered inclusive of duties and taxes (but –excluding CENVAT-able duties and taxes) sales ,tax, packing, forwarding ,freight and insurance charges as per existing BSNL policies.	and Taxes under CENVAT credit rules, 2004 is found to be not admissible at any stage subsequently owing to wrong furnishing of Tariff Head, then the vendors will be liable to refund such non-admissible amount, if already paid, along with penalty if charged by the concerned authority. In case the Duties & Taxes which are non CENVAT – able as per the quotes indicated in the price schedule by the vendors and subsequently at any stage it is found that Credit for such Duties & Taxes is admissible as per CENVAT Credit Rules, 2004, then the vendors will be liable to refund the amount equivalent to such Duties & Taxes if already paid to them. However, BSNL may allow the supplier to submit necessary documents in this regard which may enable BSNL to avail the CENVAT credit provided such credit is still available for the amount so paid as per CENVAT Credit Rules 2004. BSNL reserves the right to ask the bidders to submit documentary proof confirming the correct Tariff Head from the E.D. / Customs authority where the Tariff Head furnished against the particular tendered item by different bidders differs from each other or the same is found apparently not furnished in accordance with E.D. / Customs Tariff notifications. If the supplier fails to furnish necessary supporting documents i.e. Excise / Customs invoices etc. in respect of the Duties / Taxes which are Cenvatable, the amount pertaining to such Duties / Taxes will be
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				deducted from the payment due to the firm. Invoice shall clearly indicate break up details of composite price i.e. Basic, E.D., Sales Tax, any other Duties and Taxes, Freight / Packing Charges, Service Tax etc.
4.	Para 25 of "General	12.	Does not exist	Agency has to observe all the labour rules & regulation in force. Agency shall be fully responsible for any violation observed at any

	Rules and Direction s".			time.
5.	Para 26 of "General Rules and Direction s".	12	Does not exist	Bye laws Indemnity against liabilities - The contractor 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. - The contractor 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. The contractor 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 contractor. - All liabilities / penal recoveries on matters arising out of tax/excise /levies such as incorrect deductions discrepancies in the filing of returns, revised assessments by the concerned authorities etc,. shall be borne by the contractor.
6.	Para 27 of "General Rules and Direction s".	12.	Does not Exist	Currency of contract: 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.
7.	Para 8.1 of "Conditio ns of Contract".	15.	For rate contracts of Electrical Installation, Air Conditioning, Engine Alternator, Sub Station and Fire Detection works, work/quantities of item of works can be split amongst the lowest of three agencies who agree to the rates decided by BSNL in respect of 1st lowest in the following manner:-	For rate contracts of Electrical Installation, Air Conditioning, Engine Alternator, Substation and Fire Detection works, work/quantities of item of works can be split amongst the lowest agencies who agree to the rates decided by BSNL in respect of 1 st lowest in the following manner:-

			a) If the work stands distributed between the first three lowest tenderers, the proportion of work distributed shall be as below:- 50% to the lowest tenderer and remaining quantities to other two tenderers in INVERSE RATIO of their Evaluated price. b) In case it is decided to split the work amongst the first two lowest firms, the proportion of work distribution shall be as.	Number of Bidders in whom the order is proposed to be placed	Distribution of Quantity
				2 (two)	L1 shall be given 70% L2 shall be given 30%
				3 (three)	L1 shall be given 50%. Remaining quantities to other selected bidders in INVERSE RATIO of their evaluated price.
				4 (four)	L1 shall be given 40%. Remaining quantities to other selected bidders in INVERSE RATIO of their evaluated price.
				5 (five)	L1 shall be given 30%. Remaining quantities to other selected bidders in INVERSE RATIO of their evaluated price.
				In case lowest evaluated price (L1) is not accepted by other bidders BSNL reserves the right to award the entire quantity under this tender on the bidder(s) with lowest evaluated price.	

			follows: i) 70% to the first lowest tenderer. ii) 30% to the second lowest tenderer. In case the tenderers other than lowest tenderer does not agree to match the rates of L1 then 100% works shall be awarded to the lowest tenderer.	
8.	Clause 7.3 of "Clauses of Contract".	22.	Payment to the contractors for Air Conditioning, Engine Alternator, Sub Station, Lifts, fire detection, fire fighting and other specialized items, during progress of work, will be regulated as below :- a) 80% of prorata of the approved price breakup of contract value on receipt of equipment at site and after satisfactory physical inspection. b) 10% of prorata of the approved price breakup of contract value after successful installation of equipment. c) 5% of the approved contract value after successful completion of Initial	Deleted

			acceptance testing. d) 5% of the approved contract value after successful completion of the final acceptance testing. e) For the works where A/T is not applicable e.g. for substation, lift, fire fighting etc. 5% of the approved contract value shall be released after clearance by Electrical inspector/ lift inspector/ Fire officer respectively.	
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Name of Work: Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)					
Sl#	Description of item	Qty	Rate	Unit	Amount
1	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.				
	20mm	30 m		mtr	
	25mm	20 m		mtr	
2	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
a	1 x 1.5 sq. mm	20 m		mtr	
b	2 x 1.5 sq. mm	25 m		mtr	
c	3 x 1.5 sq. mm	25 m		mtr	
3	Supply and fixing 4' 20w LED patti fitting on surface of wall / in the existing partition i/c providing necessary supports and interconnections etc as reqd.	5 nos		job	
4	Supply of 4 x 25sqmm PVC / XLPE insulated armoured UG aluminium cable on surface of wall i/c providing necessary supports etc as reqd.	25 m		job	
5	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
a	Upto 35 sq. mm (clamped with 1mm thick saddle)	25 m		mtr	
6	Installation, Testing and commissioning of 1.5 TR split type AC unit along with the copper piping, wiring including gas charging, insulation and making opening in wall and making good the damages etc., as required.	2 Job		job	
7	Topping up of R-22 refrigerant gas to the required quantity in the existing AC unit including testing leakages etc complete as required.(6nos)	10 kgs		kg	
Total					
ADD GST @18%					
Sub total					
Grand total of the above					

Contractor

Sub Divisional Engineer (E)

Important note :-
1. 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 items as specified in the scope of work.

PROFORMA OF SCHEDULES

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

Clause 10 i) SCHEDULE “B”

Schedule of Materials to be issued to the contractor

S.No	Description of Item	Quantity	Rates in figures & words at which the materials will be charged from the contractor	Place of issue
1	2	3	4	5
Nil				

SCHEDULE “F”

Reference to General Conditions of Contract

Name of work : Restoration of Harbour Telephone exchange (SW: Shifting of Split AC and other EI works)

Estimated cost of Work: **Rs.20570/-**

Earnest cost of work: **Rs 411/-**

Performance Guarantee

(5% of the tendered value in the form of Bank Guaranteed from Scheduled Bank in respect of works with estimated cost put to tender exceeding Rs.6 Lakhs)

Rs _____ (Rupees _____ only)

GENERAL RULES AND DIRECTIONS

Definitions:

2 (V) Engineer- in charge ---- SDE (E),ESD- VI Chennai

2(vi) Accepting Authority --- SDE (E),ESD- VI Chennai

2(x) Percentage on cost of materials and labour to cover all overheads and profit 10%

Clause 5

(i) Time allowed for execution of work ---- One month

(ii) Authority to give fair and reasonable extension of time for completion of work:

- EE (E)/SE (E)

Clause 12

12.2 (iii) Schedule of rates for determining the rates for additional, altered or
Substituted items that cannot be determined under 12.2 (i) and (ii)

12.2(iii) Plus / minus the % over the rate entered in the schedule of rates.

Clause 25

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

TECHNICAL SPECIFICATION FOR ELECTRICAL WORKS

1. General

- (i) All components, accessories, raw materials and finished parts used in manufacture and assembly of switch boards, power and control circuit wiring and earthing system shall comply with the relevant Indian Standards amended upto date.
- (ii) The entire work shall comply with Indian Electricity rules and C.P.W.D general specifications for electrical work. Particular care shall be taken to ensure compliance to I.E. Rules 41, 45, 51 and 61.
- (iii) When cables pass through pipes, wooden bushes shall be provided at both the ends. When cables are required to pass through floors or walls, pipe inserts shall be provided and openings sealed in approved manner.

2. Wiring

- (i) Power/Control circuit wiring shall be carried out with ISI marked 1.1 kV grade PVC insulated copper conductor cables.
- (ii) Power wiring for AC shall be carried by 3 core 4 sq.mm PVC insulated PVC sheathed copper conductor cables.
- (iii) All cables/wires shall be of adequate cross sections to restrict the voltage drop but each conductor shall not be less than 1.5 sq. mm.
- (iv) Runs of wires within shall be neatly bunched and suitably supported /clamped. Means shall be provided for easy identification of the wires by means of labeled ferrules.
- (v) While making the end connection of wires, no strand shall be out and the termination of wire shall be done with necessary lugs and ferrule by crimping method without any extra payment.

3. Earthing

In accordance with Rule 61 of IE Rules, metallic frame of the controller shall be connected to 2 separate and distinct earths. The size of such earth wires shall be not less than 1.5 Sqmm PVC insulated copper cable with necessary lugs and ferrules. The free cooling unit shall have provision for earthing at two points. The payment for copper cable shall be made extra.

List of Approved makes

1	MOTOR	SIEMENS/ CROMPTON GREAVES/ HBB/ KEC/ BHARAT BIJLEE/ ABB/ MEI/ SPARTON/ NGEF/ GE
2	COMPRESSOR	VOLTAS/ KIRLOSKAR COPELAND/ BATLIBOI/ CARRIER/ KPC CARRIER/ COPELAND/ ACCEL/ BLUE STAR/ TRANE
3	STARTER	SIEMENS/ L&T/ BCH/ ABB/ MEI /GE POWER CONTROLS
4	MCB, ISOLATOR AND DISTRIBUTION BOARD	BENTEX/ CLARITON/ HAVELLS/ INDO-KOPP/ SIEMENS/ STANDARD/ SCHNEIDER/ MDS
5	GI / MS PIPE	TATA/ ATL/ ITC/ ATC/ IIA/ JST/ ITS/ JINDAL
		ZENITH/ GSI/ TTA/ BST
6	CABLES	
	A. UPTO and . ABOVE 1.1 KV GRADE	ISI MARK
7	GM VALVE	FOUNTAIN/ TRISHUL/ ANNPURNA/ LEADER/ SANT
8	SPP / OVERLOAD UNIT	L&T/ MINILEC/ ZEROTRIP/ SIEMENS
9	RESIN BOND GLASS WOOL	FIBRE GLASS/ PILKINGTON/ UPTWIGA
10	EXPANDED POLYSTERENE	BASE (INDIA) LTD.
11	GAUGES	FIEBIG/ H-GURU/ PRICOL
12	CONTROLS	INDFOSS/ HONEYWELL/ SPORLAN/ RANCO/
		RANUTROL/ PENN/ DANFOSS/ FLICA
13	FRESH AIR FAN	GE/ KHAITAN
14	FINE FILTERS FOR FRESH AIR	DYNA/ TENACITY/ KIRLOSKAR/ PUROMATIC/
	EU-2 (COARSE FILTER, EFFICIENCY 90% DOWN TO 20 MICRONS) AND EU-3 (FINE FILTER, EFFICIENCY 95% DOWN TO 5 MICRONS)	AITECH/ FURAFILL/ ARW/ ATHLETE/ PUROLATOR/ ANFILTRA EFFULENT
15	GI SHEETS	TATA/ SAIL/ NIPPON/ DENRO/ HSL/ JINDAL/NATIONAL
16	INDICATING LAMPS	VAISHNO/ SIEMENS/ L&T/ AE/ IMP/ RASS
		CONTROL/ TEKNIC/ SCHNEIDER/ KAYCEE
17	AMMETER / VOLTMETER	AE/ IMP/ UNIVERSAL/ RISHABH/ KAYCEE/ MECO
		ENERCON
18	SELECTOR SWITCH	L&T/ KAYCEE/ AE / IMP/ THAKOOR/ RECO/
		VAISHNO/ SALZOR/ RASS CONTROL
19	CT	AE/ IMP/ MARSHAL/ PACTIL/ KAPPA/ L&T/
		ASHMOR/ INDOCOIL/ WACO/ MECO/
20	Power Capacitors (MPP/APP)	L&T/EPCOS(Siemens)/ABB/Crompton/ Schneider Electric/Neptune Ducati