

BHARAT SANCHAR NIGAM LIMITED

Draft NIT NO. : 51 / SEE/ BSNL/ M /ELECT/ 2013-2014

N.I.T. NO. : 43 /13-14/Kolhapur/KPR Div

Name of Work	Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan.
Name of Contractor	
Date of Application & receipt	
Tender Issued on	
Cost of Tender	Rs.525/-
Date of Opening	

I N D E X

SR. NO.	CONTENTS	PAGE NO
1	Press Notification	2-3
2	Tender Application Format	4
3	Notice Inviting Tenders	5-9
4	Item Rate Format	10-11
5	Proforma of Schedules	12-13
6	Schedule of Quantities	14
7	Size of various services	15-24
8	Important note for contractors	25-26
9	Copy of memorandum	27
10	Model form of Bank Guarantee	28
11	Contract documents for CMC of A/C Units	29-32
12	Annexure- I – V	33-36
13	Approved Makes:	37
14	Item rate tender and conditions of contract (Form EW-8)	38-124

BHARAT SANCHAR NIGAM LIMITED
(Electrical Wing)

O/o Executive Engineer(E), BSNL Electrical Division, Third Floor, City Telephone Exchange,
Near Pudhari Press, Kolhapur- 41600.

NOTICE INVITING TENDER

The Executive Engineer (E), BSNL Electrical Division, Kolhapur invites on behalf of the BHARAT SANCHAR NIGAM LIMITED sealed item rate tenders for the following work from specialized agencies satisfying the under mentioned eligibility conditions:-

SN	Name of Work	Estimated cost Rs.	EMD Rs.	PAYBLE AT	Time limit	Tender Cost
1	Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan.	17,72,184/-	35,444/-	BSNL Kolhapur	24 months	Rs.525/- (N.R.)

ELIGIBILITY CONDITION FOR COMPREHENSIVE MAINTENANCE / AMC / REPAIRS OF SPECIALISED SERVICES

The Contractor satisfying the following conditions:

- i.) Average annual turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost put to tender.
AND
- ii.) The contractor shall produce authorization certificate in original from the major equipment manufacturers for supply of the spare parts, technical support etc. during the currency of contract.
AND
- iii.) The manufacturer or their authorized service dealer. The letter of authorization in original from the manufacturer will be produced by the dealer.
OR
- iv.) 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 works costing not less than the amount equal to 80% of the estimated cost put to tender (**Similar work means Comprehensive Maintenance of the Window/ Split Air Conditioning units/ PAC units**).

Note: The estimated cost of one year shall be considered to evaluate the eligibility criteria.

- v.) Documentary proof of satisfying above conditions, and **Chartered Accountant's Certificates and Valid Maharashtra / Goa Value Added Tax Registration, EPF registration & Service Tax Registration.** Agency should submit attested copy of **PAN Card**.

Conditions and tender forms can be had from BSNL Electrical Division, Kolhapur on payment of Rs.500/- + VAT as applicable. (Non- refundable) (i.e., Rs. 525/-).

Last date of receipt of application for tender forms	15/11/2013
Last date of issue of tender	16/11/2013
Last date of Submission of tender	19/11/2013 (Time 3.00P.M.)
Date of opening of tender	19/11/2013 (Time 3.30P.M.)

Validity of tender shall be for 90 days from the date of opening of tender.

The tenders of contractors who do not deposit earnest money in the prescribed manner (in separate cover) are liable to be rejected and will not be opened.

NOTE: - Tender document can also be downloaded from the website <http://www.maharashtra.bsnl.co.in>.
The firm who quotes on the tender downloaded from web-site shall strictly follow the following procedure:-

The tender shall be submitted in two envelope system.

- i. First envelope shall contain tender application (If tender downloaded from Web), tender fee, attested documents (self attested and counter attested by any executive of BSNL/MTNL or Gazetted officer of GOI; otherwise all originals of eligibility criteria shall be produced for verification at the time of tender opening) proving fulfillment of eligibility criteria as per the tender notice & EMD in proper form. Separate D.D. should be attached for tender fee & EMD.
- ii. Second envelope shall contain duly filled tender document
The same shall be clearly written on the envelopes.

The 1st envelope containing Tender fee, attested documents proving fulfillment of eligibility Criteria & EMD in proper form shall be opened first.

In case: -

- (i) Tender fee is not submitted in proper form.
- (ii) EMD is not in proper form.
- (iii) Firm fails to fulfill eligibility criteria on the basis of document submitted in first envelop.
- (iv) The performance of tenderer is not found satisfactory.
The second envelope shall not be opened.

If the day of opening of the tender declared as a Holiday then the tender will be opened on the next working day. The tenders shall neither be issued or received through POST / COURIER. If any difference/ discrepancies found between down loaded Tender form, any hard copy issued from Division Office, the contents in Draft NIT issued from Circle Office will be final & binding.

EXECUTIVE ENGINEER (ELECT.)
BSNL ELECTRICAL DIVISION, KOLHAPUR

No. 23(04) /2013/BSNL/EEE/ KPR/ 743

Date: 23 / 10 / 2013

Copy for information and wide publicity to: -

- 1) **Web site www.maharashtra.bsnl.co.in.**
- 2) **The G M Satara**
- 3) **Vigilance Officer, O/o CGMT, Mumbai.**
- 4) **Tender clerk(account branch)**
- 5) **Notice Board then NIT File.**
- 6) **Contractors.**

FOLLOWING OFFICERS MAY BE CONTACTED FOR REDRESSAL OF COMPLAINTS

Srn	NAME OF OFFICE	POSTAL ADDRESS	Telephone Numbers	Fax Number
1	CGMT, MH Circle	CGMT, BSNL, 6th Floor 'A' Wing Admn. Bldg, Juhudanda, Santacruz(W), Mumbai – 400054	022- 26616999	022-26616777
2	Chief Engineer(E), BSNL Electrical Zone, Mumbai	A wing, Gr floor, Admn. Bldg Juhu Danda, Santacruz (w), Mumbai – 400054.	022 26600500	022 26600103
3	DGM(Vig.), MH Circle	D.G.M. (Vig.) – O/o CGMT, BSNL, 6th Floor 'A' Wing, Admn. Bldg, Juhudanda, Santacruz(W),Mumbai – 400054	022- 26616715	022-26615774

EXECUTIVE ENGINEER (ELECT.)

TENDER APPLICATION FORMAT (For Tender down loaded from Website)

To,
The Executive Engineer (E)
BSNL Electrical Division

ENVELOPE - I

Sub: Application for the tender of "-----

(Tender due on -----)

Dear Sir,

As per tender publication Advertised on----- (Date) in -----
(Name of Newspaper) by your office and display of Notice Inviting Tender on web site <http://www.maharashtra.bsnl.co.in>. We are hereby submitting the following documents: -

- 1) Tender Application fee: -
- 2) a) Name of firm / company -----
b) Name of Managing Director / Regional Manager -----
c) Address -----

Pin Code ----- Phone -----
e- mail address -----
- 3) Address of Branch / Head office Name -----
In BSNL Division H.Q -----
Pin Code ----- Phone -----
Mobile No -----
E-Mail Address -----
- 4) Chartered Accountant Certificate towards deposition of Income Tax
- 5) Works Contract Registration No.
- 6) Earnest Money Deposit: -

All above documents at Sl. No. 1 to 6 are duly attested.

I ----- proprietor/ duly authorized representative of M/s. -----
hereby certify that the information given above is true to the best of my knowledge and belief I have
been duly authorized to sign and certify the documents. I understand that any wrong
information/suppression of facts will disqualify us from being considered for the tender participation.

Place -----

Yours sincerely

(Signature)

Date -----

(Name in block letter)
Seal of firm

BHARAT SANCHAR NIGAM LIMITED.
(A GOVERNMENT OF INDIA ENTERPRISE)
Electrical Wing

Electrical Division : Kolhapur

Sub Division : Satara

NOTICE INVITING TENDER
(As per Tendering Procedure in BSNL revised upto date)

NIT No: 43 /13-14/Kolhapur/KPR Div

1) **The Executive Engineer (E), BSNL Electrical Division, Kolhapur invites on behalf of Bharat Sanchar Nigam Limited** sealed item rate tenders for the following works from the contractor(s) satisfying the under mentioned eligibility conditions.

a)	Name of Work: - Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan.
b)	Division: - BSNL Electrical Division, Kolhapur.
c)	Estimated cost: - Rs. 17,72,184/-
d)	E.M.D.: - Rs. 35,444/-
e)	Performance Guarantee: - Firm has to submit within 15 days of award of work Performance guarantee for 10% of the 12 Months Tendered Cost subjected to maximum 5 Lakh
g)	Time: - 24 months
h)	COST OF TENDER DOCUMENT : - Rs. 500 /- +VAT as applicable. (i.e.,Rs. 525/-)
Tenders will be issued to eligible contractors satisfying eligibility condition	

02).(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 to be complied and with by the persons whose tender may be accepted, can be purchased, at the 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. 525/- (NR.)in cash/ Demand draft.

(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 web site.

(d) Before tendering, the contractor shall inspect site and fully acquaint himself about the condition with regard to accessibility of site and site nature and the extend of grounds, working conditions, including stocking of materials, installation of T & P etc., and conditions affecting accommodation and movement of labour etc., required for satisfactory execution of contract. No claim whatsoever on such account shall be entertained by BSNL in any circumstances.

03). Tenders which should always be placed in sealed covers with the name of work written on the envelope will be received by **the Executive Engineer (E), BSNL Electrical Division, Third**

Floor, City Telephone Exchange, Near Pudhari Press, Kolhapur- 416002 up to 1500 hours on 19/11/2013 and will be opened by him in his office on the same day at 15:30 hours.

04). The time allowed for carrying out the work will be **24 months** from the 10TH day after the date of written order to commence the work.

05). Issue of tender form will be stopped on dated 16/11/2013i.e. three days before the date fixed for opening of tenders. Tenders will be sold on working days; no tender will be sold after **1600 hours**.

06).(a) Earnest Money amounting to **Rupees 35,444/-** in the form of demand draft/ FDR / BG/ CDR of nationalized scheduled bank guaranteed by the Reserved Bank of India, drawn in favour of **BSNL, Kolhapur** 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, superscribed as “**Tender for the work : Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan**”.

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 covers, first containing credentials for meeting the eligibility condition 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 contents of this envelop then second envelope containing the bid document shall be opened.

(b) The EMD of all the unsuccessful tenders shall be released on issue of award letter to the successful tenderers. 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.

07).(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; otherwise all originals of eligibility criteria shall be produced for verification at the time of tender opening) as applicable along with the application on printed letter head for purchase of tender.

(b) The contractor shall submit and confirm his permanent account No. (PAN) issued by the Income-tax department.

(c) The tenderer should submit the valid WCT/Sales tax/VAT registration certificate.

08).(i) **Performance Guarantee:-** The contractor is required to furnish performance guarantee **within 15 days of award of work** for 10% of the 12 Months Tendered Cost **subjected to maximum 5 Lakh** in the form of Bank Guarantee/CDR/FDR/DD (of Nationalized /Scheduled Bank in a standard format) with in two weeks from the date of issue of award letter. This period can be further extended by the Engineer-in-Charge up to maximum period of two weeks on return request of contractor. The validity period of performance security in the form of performance Bank Guarantee shall be one year from the date of actual completion of work.

09).The acceptance of tender will rest with the **Executive Engineer(E)**, who does not bind himself to accept the lowest tender or any other tender and reserve 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 rebate shall be rejected forthwith summarily.

10).Canvassing in connection with tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

11).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.

12).(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 & wife.

(c) The one is related to the other in the manner as father, mother, son(s), and son's wife (daughter-in-law), daughter(s) and daughter's husband (Son-in-law), brother(s) and brother's wife, sister(s) and 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 Architect/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 as 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 the 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 Sh..
..... 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 the contractor)

13). No employee in BSNL/Government of India is allowed to work as a contractor for a period of two years of his retirement from service without the prior permission. The Contract is liable to be

cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission as aforesaid before submission of tender and engagement in the contractor's service.

14). The tender for 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 rendered tenders of the contractors tendering as witnessing the tender is/are liable for summarily rejection.

15).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.

16). Any tender not submitted in proper manner or if it contains too may corrections, overwriting 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.

17).The tenders for the work shall remain open for acceptance for a period of 90 days from the date of opening of 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 or to any other right of remedy be at liberty to forfeit 50% (Fifty percent only) of the said earnest money absolutely. Further tenderer shall not be allowed to participate in the tendering process of the work.

18).Extension of validity: In case, where the letter of award of work cannot be placed within the validity of the 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 of extension, the tenderer is free to either extend the validity or refuse the request to extend the validity.

19).Unsealed tenders will be summarily rejected.

20).The contractor should read the tender documents carefully before submitting the tender.

21). 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 agreement.

22).The tenderer shall furnish a declaration to this effect (In case downloaded tender) that no addition /deletion/correction have been made in the tender document submitted and is identical to the tender document appearing in website. Every page of downloaded tender shall be signed by the tenderer with stamp (Seal) of his firm /organization.

23).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:-

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

b) Standard form, BSNL EW-8.

24. Eligibility Criteria: -

AS PRESCRIBED EARLIER ON PAGE NO. 2.

Documentary proof of satisfying above conditions, and **Chartered Accountant's Certificates and Valid Maharashtra / Goa Value Added Tax Registration, EPF registration & Service Tax Registration.** Agency should submit attested copy of **PAN Card.**

Signature of Divisional Officer/ Sub –Divisional Officer

.....
For and on behalf of BSNL.

BHARAT SANCHAR NIGAM LIMITED
GOVERNMENT OF INDIA UNDERTAKING

STATE : MAHARASHTRA CIRCLE : MUMBAI
BRACH : ELECTRICAL DIVISION : KOLHAPUR
ZONE : MUMBAI SUB-DIVISION : SATARA

Percentage Rate Tender / Item Rate Tender & Contract for Works

Tender for the work of: -

To be submitted by _____ hours on _____ to
(time) (date)

To be opened in presence of tenderers who may be present at _____ hours on
_____ in the office of _____.

Issued to _____
(contractor)

Signature of officer issuing the documents _____
Designation _____
Date of Issue _____.

TENDER

I/ We have read and examined the notice inviting tender, schedule, A, B, C, D, E F. Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F', viz., schedule of quantities and in accordance in all respects with the specifications, design, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respects in accordance with, such conditions so far as applicable.

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.

A sum of Rs. has been deposited in cash/receipt treasury challan/ deposit at call receipt of a scheduled bank/fixed deposit receipt of scheduled bank/demand draft of a scheduled bank, / **bank guarantee issued by a schedule bank** as earnest money. If I/ We, fail to furnish the prescribed performance guarantee within prescribed period, I/We, agree that the said President of India or his successors in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said **earnest** money absolutely. Further, if I/We fail to commence work as specified, I/We agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit 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 the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of earnest money or both Earnest Money & Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We hereby declare that 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 a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated

Signature of Contractor
Postal Address

Witness:
Address:
Occupation:

A C C E P T A N C E

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

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

- a)
- b)
- c)

For & on behalf of BSNL

Dated

Signature _____
Designation _____

PROFORMA OF SCHEDULES

SCHEDULE (A):- Schedule of quantities: Appended from page 14.

SCHEDULE (B):- Schedule of materials to be issued to the contractor.

Sr. No.	Description of item	Quantity	Rates in figures and words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
NIL				

SCHEDULE (D):- Schedule Appended from page 25 to 27

SCHEDULE (F):-Reference to General Conditions of contract.

Name of work:	Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan.
Estimated cost of work:	Rs. 17,72,184/-
i) Earnest money :	Rs. 35,444/-
ii) Performance Guarantee :	Performance guarantee for 10% of the 12 Months Tendered Cost subjected to maximum 5 Lakh.
iii) Security Deposit :	NIL
GENERAL RULES and DIRECTIONS:	Officer inviting tender EE (E), BSNL Electrical Division, Kolhapur
Definitions:	See below
2(v) Engineer-in-Charge	Executive Engineer (E), BSNL Electrical Division, Kolhapur
2(viii) Accepting Authority	Superintending Engineer (E), BSNL Electrical Circle, Mumbai
2(x) Percentage on cost of materials and labour to cover all overheads and profits.	10%
Standard contract Form	BSNL EW Form 8, Latest.
Clause 1 Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance, in days	15 Days
Clause 2 Authority for fixing compensation under Clause 2.	SE (E)
Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start	10 days

Time allowed for execution of work. Authority to give fair and reasonable extension of time for completion of work.	24 months SE (E)
Clause 10CC Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.	30 months.
Clause 11 Specifications to be followed for execution of work	Specifications as per Section I – Contract document for CMC of Window /Split AC Units with Schedule of work.
Clause 12 12.2(iii) Schedule of rates for determining the rates for additional, altered or substituted items that can not be determined under 12.2.(i) & (ii)	NIL
Clause 12 12.2(iii), plus/minus \pm the % over the rate entered in the schedule of rates	NA
Clause 12 Deviation Limit beyond which clauses 12.3 shall apply	25%
Clause 25 Competent Authority for Conciliation	SE (E)
Clause 30.2 Minimum Qualifications and experience required for Principal Technical Representative.	
i For works with estimated cost put to tender more than (Rs. 2 lakh but less than Rs.5 Lakhs for Elect/ Mech. Works)	} Recognized diploma holder
ii For works with estimated cost put to tender more than Rs. 5 lakh for Elect/ Mech. Works	
	} Graduate or recognized diploma holder with 3 years experience
Recovery to be effected from the contractor in the event of not fulfilling provision of clause 30.2	Rs.4,000/- p.m. for Graduate Rs.2,000/- p.m. for Diploma holder

SCHEDULE "A"

SCHEDULE OF QUANTITIES

Name of Work :- Comprehensive Maintenance Contract of Window / Split Air-Conditioning units installed at various T.E. Buildings in Satara SSA under DET Satara, Wai & Phaltan.

S.N.	Description of Item	Qty	Rate/ A/C /Month	Unit	Amount
1	Comprehensive Maintenance of Window / Split Air Conditioning Units of following Capacity complete as per the terms and conditions enclosed. A) Services included are:				
	1) Window A/C Units (1.5 TR)	379		Each	
	2) Split A/C Units (2 TR)	6		Each	
	Amount for One Month : Rs.				
	Total Amount for 24 Months : Rs.				

**Executive Engineer(E),
BSNL Electrical Division,
Kolhapur**

Note:-In case of ambiguity, between schedule and specifications, schedule shall prevail. If there is ambiguity between "schedule and specification" verses IS / BS standards, "schedule and specification" shall prevail.

SECTION - I
SIZE OF SERVICES

(The Details in this section are approximate to give an idea of services to be maintained)

A/C Appliances

	TYPE	CAPACITY	QUANTITY
1	Window A/C Units	1.5 TR	379 Nos.
2	Split A/C Units	2.0 TR	06 Nos.

INVENTORY OF WINDOW / SPLIT AC UNITS UNDER SATARA SSA							
(UNDER DIVISIONAL ENGINEER - SATARA, WAI & PHALTAN)							
I) WINDOW AC UNITS							
Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
1	SATARA	SATARA	AJINKYATARA	2	1.5	LG	16-Apr-2003
2	SATARA	SATARA	AJINKYATARA		1.5	LG	16-Apr-2003
3	SATARA	SATARA	O/O GMT	6	1.5	LG	30-Apr-2003
4	SATARA	SATARA	O/O GMT		1.5	LG	30-Apr-2003
5	SATARA	SATARA	O/O GMT		1.5	BLUESTAR	1-May-1995
6	SATARA	SATARA	O/O GMT		1.5	BLUESTAR	1-May-1995
7	SATARA	SATARA	O/O GMT		1.5	BLUESTAR	1-May-1995
8	SATARA	SATARA	O/O GMT		1.5	ACDAST	28-Sep-2000
9	SATARA	SATARA	O/O GMT (IFA)	2	1.5	LG	30-Apr-2003
10	SATARA	SATARA	O/O GMT (IFA)		1.5	LG	30-Apr-2003
11	SATARA	SATARA	GURWAR PETH BTS	2	1.5	LG	6-Apr-2007
12	SATARA	SATARA	GURWAR PETH BTS		1.5	LG	6-Apr-2007
13	SATARA	SATARA	MUTHA ARCADE	2	1.5	VOLTAS	11-Oct-2002
14	SATARA	SATARA	MUTHA ARCADE		1.5	VOLTAS	11-Oct-2002
15	SATARA	SATARA	SADAR BAZAR	2	1.5	LG	21-Apr-2005
16	SATARA	SATARA	SADAR BAZAR		1.5	LG	21-Apr-2005
17	SATARA	SATARA	SURYAWANSHI COLONY	2	1.5	LG	15-Apr-2007
18	SATARA	SATARA	SURYAWANSHI COLONY		1.5	LG	15-Apr-2007
19	SATARA	SATARA	UTTEKAR NAGAR	2	1.5	VOLTAS	17-Oct-2008
20	SATARA	SATARA	UTTEKAR NAGAR		1.5	VOLTAS	17-Oct-2008
21	SATARA	SATARA	VADUTH	4	1.5	AMTREX	28-Sep-2000
22	SATARA	SATARA	VADUTH		1.5	AMTREX	28-Sep-2000
23	SATARA	SATARA	VADUTH		1.5	AMTREX	28-Sep-2000
24	SATARA	SATARA	VADUTH		1.5	AMTREX	28-Sep-2000
25	SATARA	SATARA	LIMB	6	1.5	USHA	17-Apr-2000
26	SATARA	SATARA	LIMB		1.5	USHA	17-Apr-2000
27	SATARA	SATARA	LIMB		1.5	USHA	17-Apr-2000
28	SATARA	SATARA	LIMB		1.5	USHA	17-Apr-2000
29	SATARA	SATARA	LIMB		1.5	USHA	17-Apr-2000
30	SATARA	SATARA	LIMB		1.5	USHA	17-Apr-2000
31	SATARA	SATARA	GOJEGAON	6	1.5	AMTREX	2-Mar-2000
32	SATARA	SATARA	GOJEGAON		1.5	AMTREX	2-Mar-2000
33	SATARA	SATARA	GOJEGAON		1.5	AMTREX	2-Mar-2000
34	SATARA	SATARA	GOJEGAON		1.5	AMTREX	2-Mar-2000
35	SATARA	SATARA	GOJEGAON		1.5	AMTREX	2-Mar-2000
36	SATARA	SATARA	GOJEGAON		1.5	AMTREX	2-Mar-2000
37	SATARA	SATARA	ANGAPUR	6	1.5	AMTREX	2-Mar-2000
38	SATARA	SATARA	ANGAPUR		1.5	AMTREX	2-Mar-2000
39	SATARA	SATARA	ANGAPUR		1.5	AMTREX	2-Mar-2000
40	SATARA	SATARA	ANGAPUR		1.5	AMTREX	2-Mar-2000
41	SATARA	SATARA	ANGAPUR		1.5	AMTREX	2-Mar-2000
42	SATARA	SATARA	ANGAPUR		1.5	AMTREX	2-Mar-2000
43	SATARA	SATARA	SHENDRE	6	1.5	USHA	2-May-2000
44	SATARA	SATARA	SHENDRE		1.5	USHA	2-May-2000
45	SATARA	SATARA	SHENDRE		1.5	USHA	2-May-2000
46	SATARA	SATARA	SHENDRE		1.5	USHA	2-May-2000
47	SATARA	SATARA	SHENDRE		1.5	USHA	2-May-2000
48	SATARA	SATARA	SHENDRE		1.5	USHA	2-May-2000

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
49	SATARA	SATARA	NAGTHANE	6	1.5	LG	25-Jun-2003
50	SATARA	SATARA	NAGTHANE		1.5	LG	25-Jun-2003
51	SATARA	SATARA	NAGTHANE		1.5	LG	25-Jun-2003
52	SATARA	SATARA	NAGTHANE		1.5	LG	25-Jun-2003
53	SATARA	SATARA	NAGTHANE		1.5	LG	25-Jun-2003
54	SATARA	SATARA	NAGTHANE		1.5	LG	25-Jun-2003
55	SATARA	SATARA	KASHIL	6	1.5	CARRIER	4-Jan-2000
56	SATARA	SATARA	KASHIL		1.5	CARRIER	4-Jan-2000
57	SATARA	SATARA	KASHIL		1.5	CARRIER	4-Jan-2000
58	SATARA	SATARA	KASHIL		1.5	CARRIER	4-Jan-2000
59	SATARA	SATARA	KASHIL		1.5	CARRIER	4-Jan-2000
60	SATARA	SATARA	KASHIL		1.5	CARRIER	4-Jan-2000
61	SATARA	SATARA	KIDGAON	2	1.5	VOLTAS	26-Mar-2007
62	SATARA	SATARA	KIDGAON		1.5	VOLTAS	26-Mar-2007
63	SATARA	SATARA	VELEKAMATHI	2	1.5	BLUESTAR	23-Jul-2008
64	SATARA	SATARA	VELEKAMATHI		1.5	BLUESTAR	23-Jul-2008
65	SATARA	SATARA	KHOJEWADI	2	1.5	LG	11-Oct-2009
66	SATARA	SATARA	KHOJEWADI		1.5	LG	11-Oct-2009
67	SATARA	SATARA	SASPADE	2	1.5	LG	10-Nov-2009
68	SATARA	SATARA	SASPADE		1.5	LG	10-Nov-2009
69	SATARA	SATARA	MALGAON	2	1.5	LG	10-Nov-2009
70	SATARA	SATARA	MALGAON		1.5	LG	10-Nov-2009
71	SATARA	SATARA	GOVE	2	1.5	LG	10-Nov-2009
72	SATARA	SATARA	GOVE		1.5	LG	10-Nov-2009
73	SATARA	SATARA	TARGAON	2	1.5	LG	22-Mar-2007
74	SATARA	SATARA	TARGAON		1.5	LG	22-Mar-2007
75	SATARA	SATARA	SHIVTHAR BTS	2	1.5	LG	8-Oct-2008
76	SATARA	SATARA	SHIVTHAR BTS		1.5	LG	8-Oct-2008
77	SATARA	SATARA	SAJJANGAD	2	1.5	LG	16-Jan-2007
78	SATARA	SATARA	SAJJANGAD		1.5	LG	16-Jan-2007
79	POWAI NAKA	SDE (PP)	MOBILE BSE	8	1.5	VIDEOCON	1-Nov-2002
80	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
81	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
82	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
83	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
84	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
85	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
86	POWAI NAKA	SDE (PP)	MOBILE BSE		1.5	VIDEOCON	1-Nov-2002
87	POWAI NAKA	SDE (PP)	IVRS Room (MDF)	2	1.5	CARRIER	31-Mar-1997
88	POWAI NAKA	SDE (PP)	IVRS Room (MDF)		1.5	CARRIER	31-Mar-1997
89	POWAI NAKA	SDE (PP)	Mobile MER (CO-AXL BLDG)	2	1.5	BLUESTAR	2-Jul-2002
90	POWAI NAKA	SDE (PP)	Mobile MER (CO-AXL BLDG)		1.5	Carrier	4-Jan-2000

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
91	POWAI NAKA	SDE (PP)	OFC CARRIER ROOM	2	1.5	CARRIER	31-Mar-2003
92	POWAI NAKA	SDE (PP)	OFC CARRIER ROOM		1.5	CARRIER	31-Mar-2003
93	POWAI NAKA	SDE (PP)	TRA Computer Room 1	6	1.5	CARRIER	25-Dec-1999
94	POWAI NAKA	SDE (PP)	TRA Computer Room 1		1.5	CARRIER	25-Dec-1999
95	POWAI NAKA	SDE (PP)	TRA Computer Room 1		1.5	CARRIER	25-Dec-1999
96	POWAI NAKA	SDE (PP)	TRA Computer Room 1		1.5	CARRIER	25-Dec-1999
97	POWAI NAKA	SDE (PP)	TRA Computer Room 2		1.5	CARRIER	25-Dec-1999
98	POWAI NAKA	SDE (PP)	TRA Computer Room 2		1.5	CARRIER	25-Dec-1999
99	POWAI NAKA	SDE (PP)	TRA Printer Room	2	1.5	CARRIER	25-Dec-1999
100	POWAI NAKA	SDE (PP)	TRA Printer Room		1.5	CARRIER	25-Dec-1999
101	POWAI NAKA	SDE (PP)	Video Conference	2	1.5	BLUESTAR	3-Mar-2001
102	POWAI NAKA	SDE (PP)	Video Conference		1.5	BLUESTAR	31-Mar-2001
103	POWAI NAKA	SDE (PP)	Conference Hall	6	1.5	LG	31-Mar-2002
104	POWAI NAKA	SDE (PP)	Conference Hall		1.5	LG	31-Mar-2002
105	POWAI NAKA	SDE (PP)	Conference Hall		1.5	LG	31-Mar-2002
106	POWAI NAKA	SDE (PP)	Conference Hall		1.5	LG	31-Mar-2002
107	POWAI NAKA	SDE (PP)	Conference Hall		1.5	LG	31-Mar-2002
108	POWAI NAKA	SDE (PP)	Conference Hall		1.5	LG	31-Mar-2002
109	POWAI NAKA	SDE (PP)	Pvt. Operator carrier room	2	1.5	AMTREX	2-Mar-2000
110	POWAI NAKA	SDE (PP)	Pvt. Operator carrier room		1.5	AMTREX	2-Mar-2000
111	POWAI NAKA	SDE (PP)	DOT SOFT	2	1.5	LG	31-Mar-2002
112	POWAI NAKA	SDE (PP)	DOT SOFT		1.5	LG	31-Mar-2002
113	POWAI NAKA	SDE (PP)	MLLN Room Powai naka	2	1.5	Voltas	8-Dec-2006
114	POWAI NAKA	SDE (PP)	MLLN Room Powai naka		1.5	Voltas	8-Dec-2006
115	SATARA	RAJWADA	RAJWADA SATARA	8	1.5	AMTREX	2-Mar-2000
116	SATARA	RAJWADA	RAJWADA SATARA		1.5	AMTREX	2-Mar-2000
117	SATARA	RAJWADA	RAJWADA SATARA		1.5	AMTREX	2-Mar-2000
118	SATARA	RAJWADA	RAJWADA SATARA		1.5	AMTREX	2-Mar-2000
119	SATARA	RAJWADA	RAJWADA SATARA		1.5	AMTREX	2-Mar-2000
120	SATARA	RAJWADA	RAJWADA SATARA		1.5	AMTREX	2-Mar-2000
121	SATARA	RAJWADA	RAJWADA SATARA		1.5	CARRIER	4-Jan-2000

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
122	SATARA	RAJWADA	RAJWADA SATARA		1.5	CARRIER	4-Jan-2000
123	SATARA	GODOLI	IQ GM	4	1.5	LG	31-Mar-2002
124	SATARA	GODOLI	IQ GM		1.5	LG	31-Mar-2002
125	SATARA	GODOLI	IQ GM		1.5	LG	31-Mar-2002
126	SATARA	GODOLI	IQ GM		1.5	LG	31-Mar-2002
127	SATARA	DATTANAGAR	DATTANAGAR		5	1.5	USHA
128	SATARA	DATTANAGAR	DATTANAGAR	1.5		BLUESTAR	18-Feb-1998
129	SATARA	DATTANAGAR	DATTANAGAR	1.5		CARRIER	18-Feb-1998
130	SATARA	DATTANAGAR	DATTANAGAR	1.5		CARRIER	18-Feb-1998
131	SATARA	DATTANAGAR	DATTANAGAR	1.5		LG	18-Feb-1998
132	SATARA	MIDC	KSHETRA MAHULI	6	1.5	AMTREX	2-Mar-2000
133	SATARA	MIDC	KSHETRA MAHULI		1.5	AMTREX	2-Mar-2000
134	SATARA	MIDC	KSHETRA MAHULI		1.5	BLUESTAR	2-Jul-2002
135	SATARA	MIDC	KSHETRA MAHULI		1.5	BLUESTAR	2-Jul-2002
136	SATARA	MIDC	KSHETRA MAHULI		1.5	BLUESTAR	2-Jul-2002
137	SATARA	MIDC	KSHETRA MAHULI	2	1.5	VOLTAS	11-Aug-2008
138	SATARA	MIDC	DEGAON		1.5	VOLTAS	11-Aug-2008
139	SATARA	MIDC	DEGAON	4	1.5	VOLTAS	11-Aug-2008
140	SATARA	MIDC	ADDL MIDC		1.5	LG	13-Mar-2008
141	SATARA	MIDC	ADDL MIDC		1.5	LG	13-Mar-2008
142	SATARA	MIDC	ADDL MIDC		1.5	LG	13-Mar-2008
143	SATARA	MIDC	ADDL MIDC	5	1.5	LG	13-Mar-2008
144	SATARA	MIDC SATARA	MIDC SATARA		1.5	FEDDERS	3-May-1996
145	SATARA	MIDC SATARA	MIDC SATARA		1.5	FEDDERS	3-May-1996
146	SATARA	MIDC SATARA	MIDC SATARA		1.5	FEDDERS	3-May-1996
147	SATARA	MIDC SATARA	MIDC SATARA		1.5	FEDDERS	3-May-1996
148	SATARA	MIDC SATARA	MIDC SATARA	11	1.5	USHA	3-May-1996
149	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
150	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
151	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
152	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
153	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
154	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
155	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
156	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
157	SATARA	MEDHA	MEDHA		1.5	USHA	2-May-2000
158	SATARA	MEDHA	MEDHA		1.5	PURISONS	13-Aug-2003
159	SATARA	MEDHA	MEDHA	1.5	PURISONS	13-Aug-2003	
160	SATARA	MEDHA	MEDHA	4	1.5	LG	19-Feb-2007
161	SATARA	MEDHA	ANEWADI		1.5	AMTREX	2-Mar-2000
162	SATARA	MEDHA	ANEWADI		1.5	AMTREX	2-Mar-2000
163	SATARA	MEDHA	ANEWADI		1.5	AMTREX	2-Mar-2000
164	SATARA	MEDHA	KUDAL	6	1.5	AMTREX	2-Mar-2000
165	SATARA	MEDHA	KUDAL		1.5	BLUESTAR	2-Jul-2002
166	SATARA	MEDHA	KUDAL		1.5	BLUESTAR	2-Jul-2002
167	SATARA	MEDHA	KUDAL		1.5	BLUESTAR	2-Jul-2002
168	SATARA	MEDHA	KUDAL		1.5	BLUESTAR	2-Jul-2002
169	SATARA	MEDHA	KUDAL	2	1.5	AMTREX	28-Sep-2000
170	SATARA	MEDHA	KUDAL		1.5	AMTREX	28-Sep-2000
171	SATARA	MEDHA	KARHAR BTS	2	1.5	LG	15-Sep-2010
172	SATARA	MEDHA	KARHAR BTS		1.5	LG	15-Sep-2010
173	SATARA	MEDHA	KELGHAR	2	1.5	VOLTAS	25-Sep-2008
174	SATARA	MEDHA	KELGHAR		1.5	VOLTAS	25-Sep-2008
175	SATARA	MEDHA	HUMGAON	2	1.5	BLUESTAR	7-Jan-2003
176	SATARA	MEDHA	HUMGAON		1.5	BLUESTAR	7-Jan-2003

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
176	SATARA	MEDHA	BHANANG	2	1.5	BLUESTAR	7-Jan-2003
177	SATARA	MEDHA	BHANANG		1.5	BLUESTAR	7-Jan-2003
178	WAI	WAI	WAI NAGARPALIKA	6	1.5	BLUESTAR	20-Nov-2002
179	WAI	WAI	WAI NAGARPALIKA		1.5	BLUESTAR	20-Nov-2002
180	WAI	WAI	WAI NAGARPALIKA		1.5	BLUESTAR	20-Nov-2002
181	WAI	WAI	WAI NAGARPALIKA		1.5	BLUESTAR	20-Nov-2002
182	WAI	WAI	WAI NAGARPALIKA		1.5	BLUESTAR	20-Nov-2002
183	WAI	WAI	WAI NAGARPALIKA		1.5	BLUESTAR	20-Nov-2002
184	WAI	WAI	WAI POI	2	1.5	LG	30-Oct-2010
185	WAI	WAI	WAI POI		1.5	LG	30-Oct-2010
186	WAI	WAI	BHUINJ	8	1.5	LG	19-Nov-2007
187	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
188	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
189	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
190	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
191	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
192	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
193	WAI	WAI	BHUINJ		1.5	LG	19-Nov-2007
194	WAI	WAI	SURUR	4	1.5	Carrier	10-Feb-1999
195	WAI	WAI	SURUR		1.5	Carrier	10-Feb-1999
196	WAI	WAI	SURUR		1.5	Carrier	10-Feb-1999
197	WAI	WAI	SURUR		1.5	Carrier	10-Feb-1999
198	WAI	WAI	JAMB	6	1.5	AMTREX	21-Jul-2000
199	WAI	WAI	JAMB		1.5	AMTREX	21-Jul-2000
200	WAI	WAI	JAMB		1.5	AMTREX	21-Jul-2000
201	WAI	WAI	JAMB		1.5	AMTREX	21-Jul-2000
202	WAI	WAI	JAMB		1.5	AMTREX	21-Jul-2000
203	WAI	WAI	JAMB		1.5	AMTREX	21-Jul-2000
204	WAI	WAI	OZARDE	4	1.5	AMTREX	26-Oct-1996
205	WAI	WAI	OZARDE		1.5	AMTREX	26-Oct-1996
206	WAI	WAI	OZARDE		1.5	AMTREX	26-Oct-1996
207	WAI	WAI	OZARDE		1.5	AMTREX	26-Oct-1996
208	WAI	WAI	OZARDE BTS	2	1.5	LG	30-Mar-2008
209	WAI	WAI	OZARDE BTS		1.5	LG	30-Mar-2008
210	WAI	WAI	WAI MIDC	8	1.5	GODREJ	30-Mar-1999
211	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
212	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
213	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
214	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
215	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
216	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
217	WAI	WAI	WAI MIDC		1.5	GODREJ	30-Mar-1999
218	WAI	WAI	PASARNI	6	1.5	AMTREX	26-Oct-1996
219	WAI	WAI	PASARNI		1.5	AMTREX	26-Oct-1996
220	WAI	WAI	PASARNI		1.5	AMTREX	26-Oct-1996
221	WAI	WAI	PASARNI		1.5	AMTREX	26-Oct-1996
222	WAI	WAI	PASARNI		1.5	AMTREX	26-Oct-1996
223	WAI	WAI	PASARNI		1.5	AMTREX	26-Oct-1996
224	WAI	WAI	BAVDHAN	6	1.5	Carrier	4-Jan-2000
225	WAI	WAI	BAVDHAN		1.5	Carrier	4-Jan-2000
226	WAI	WAI	BAVDHAN		1.5	Carrier	4-Jan-2000
227	WAI	WAI	BAVDHAN		1.5	Carrier	4-Jan-2000
228	WAI	WAI	BAVDHAN		1.5	Carrier	4-Jan-2000
229	WAI	WAI	BAVDHAN		1.5	Carrier	4-Jan-2000

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
230	WAI	WAI	WAI YASHWANTNAGAR	6	1.5	Carrier	23-Oct-2002
231	WAI	WAI	WAI YASHWANTNAGAR		1.5	Carrier	23-Oct-2002
232	WAI	WAI	WAI YASHWANTNAGAR		1.5	Carrier	23-Oct-2002
233	WAI	WAI	WAI YASHWANTNAGAR		1.5	Carrier	23-Oct-2002
234	WAI	WAI	WAI YASHWANTNAGAR		1.5	Carrier	23-Oct-2002
235	WAI	WAI	WAI YASHWANTNAGAR		1.5	Carrier	23-Oct-2002
236	WAI	WAI	AMRUTWADI	2	1.5	Carrier	4-Jan-2000
237	WAI	WAI	AMRUTWADI		1.5	Carrier	4-Jan-2000
238	WAI	MAHABALESH WAR	MAHABALESHWAR	8	1.5	LG	19-Feb-2007
239	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
240	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
241	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
242	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
243	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
244	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
245	WAI	MAHABALESH WAR	MAHABALESHWAR		1.5	LG	19-Feb-2007
246	WAI	MAHABALESH WAR	MAHABALESHWAR POI	2	1.5	AMTREX	16-Oct-2007
247	WAI	MAHABALESH WAR	MAHABALESHWAR POI		1.5	AMTREX	17-Oct-2007
248	WAI	MAHABALESH WAR	WILSON POINT	4	1.5	AMTREX	2-Mar-2000
249	WAI	MAHABALESH WAR	WILSON POINT		1.5	AMTREX	2-Mar-2000
250	WAI	MAHABALESH WAR	WILSON POINT		1.5	AMTREX	2-Mar-2000
251	WAI	MAHABALESH WAR	WILSON POINT		1.5	AMTREX	2-Mar-2000
252	WAI	MAHABALESH WAR	METGUTHAD	2	1.5	BLUESTAR	2-Jul-2002
253	WAI	MAHABALESH WAR	METGUTHAD		1.5	BLUESTAR	2-Jul-2002
254	WAI	MAHABALESH WAR	TALDEO	2	1.5	BLUESTAR	2-Jul-2002
255	WAI	MAHABALESH WAR	TALDEO		1.5	BLUESTAR	2-Jul-2002
256	WAI	MAHABALESH WAR	PANCHGANI	2	1.5	AMTREX	2-Mar-2000
257	WAI	MAHABALESH WAR	PANCHGANI		1.5	AMTREX	2-Mar-2000
258	WAI	MAHABALESH WAR	BHILAR	6	1.5	PURISONS	13-Aug-2003
259	WAI	MAHABALESH WAR	BHILAR		1.5	PURISONS	13-Aug-2003
260	WAI	MAHABALESH WAR	BHILAR		1.5	PURISONS	13-Aug-2003
261	WAI	MAHABALESH WAR	BHILAR		1.5	PURISONS	13-Aug-2003
262	WAI	MAHABALESH WAR	BHILAR		1.5	PURISONS	13-Aug-2003
263	WAI	MAHABALESH WAR	BHILAR		1.5	PURISONS	13-Aug-2003

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
264	WAI	MAHABALESH WAR	RAJBHAVAN MAHABALESHWAR	2	1.5	LG	1-Jan-2008
265	WAI	MAHABALESH WAR	RAJBHAVAN MAHABALESHWAR		1.5	LG	1-Jan-2008
266	WAI	MAHABALESH WAR	K MAHABALESHWAR	2	1.5	VOLTAS	1-Jan-2008
267	WAI	MAHABALESH WAR	K MAHABALESHWAR		1.5	VOLTAS	1-Jan-2008
268	WAI	MAHABALESH WAR	PANGARI	2	1.5	VOLTAS	1-Oct-2008
269	WAI	MAHABALESH WAR	PANGARI		1.5	VOLTAS	1-Oct-2008
270	WAI	MAHABALESH WAR	TAPOLA	2	1.5	LG	6-Jul-2007
271	WAI	MAHABALESH WAR	TAPOLA		1.5	LG	6-Jul-2007
272	KHANDALA	SHIRWAL	SHIRWAL	8	1.5	USHA	5-Oct-1994
273	KHANDALA	SHIRWAL	SHIRWAL		1.5	USHA	5-Oct-1994
274	KHANDALA	SHIRWAL	SHIRWAL		1.5	USHA	5-Oct-1994
275	KHANDALA	SHIRWAL	SHIRWAL		1.5	USHA	5-Oct-1994
276	KHANDALA	SHIRWAL	SHIRWAL		1.5	AMTREX	18-Jan-2004
277	KHANDALA	SHIRWAL	SHIRWAL		1.5	AMTREX	18-Jan-2004
278	KHANDALA	SHIRWAL	SHIRWAL		1.5	LG	29-Nov-2003
279	KHANDALA	SHIRWAL	SHIRWAL		1.5	LG	29-Nov-2003
280	KHANDALA	SHIRWAL	WING SHIRWAL	6	1.5	AMTREX	2-Mar-2000
281	KHANDALA	SHIRWAL	WING SHIRWAL		1.5	AMTREX	2-Mar-2000
282	KHANDALA	SHIRWAL	WING SHIRWAL		1.5	AMTREX	2-Mar-2000
283	KHANDALA	SHIRWAL	WING SHIRWAL		1.5	AMTREX	2-Mar-2000
284	KHANDALA	SHIRWAL	WING SHIRWAL		1.5	AMTREX	2-Mar-2000
285	KHANDALA	SHIRWAL	WING SHIRWAL		1.5	AMTREX	2-Mar-2000
286	KHANDALA	SHIRWAL	BHADE	6	1.5	USHA	24-Apr-2000
287	KHANDALA	SHIRWAL	BHADE		1.5	USHA	24-Apr-2000
288	KHANDALA	SHIRWAL	BHADE		1.5	USHA	24-Apr-2000
289	KHANDALA	SHIRWAL	BHADE		1.5	USHA	24-Apr-2000
290	KHANDALA	SHIRWAL	BHADE		1.5	USHA	24-Apr-2000
291	KHANDALA	SHIRWAL	BHADE	7	1.5	USHA	24-Apr-2000
292	KHANDALA	LONAND	KHANDALA		1.5	USHA	2-Mar-1999
293	KHANDALA	LONAND	KHANDALA		1.5	USHA	2-Mar-1999
294	KHANDALA	LONAND	KHANDALA		1.5	USHA	2-Mar-1999
295	KHANDALA	LONAND	KHANDALA		1.5	USHA	2-Mar-1999
296	KHANDALA	LONAND	KHANDALA		1.5	AMTREX	2-Mar-1999
297	KHANDALA	LONAND	KHANDALA		1.5	AMTREX	2-Mar-1999
298	KHANDALA	LONAND	KHANDALA	1.5	AMTREX	2-Mar-1999	
299	KHANDALA	LONAND	ANDORI	4	1.5	AMTREX	18-Jan-2004
300	KHANDALA	LONAND	ANDORI		1.5	AMTREX	18-Jan-2004
301	KHANDALA	LONAND	ANDORI		1.5	VOLTAS	20-Jun-2009
302	KHANDALA	LONAND	ANDORI		1.5	VOLTAS	20-Jun-2009
303	KHANDALA	LONAND	KHED BK	2	1.5	AMTREX	2-Mar-2000
304	KHANDALA	LONAND	KHED BK		1.5	AMTREX	2-Mar-2000
305	KHANDALA	LONAND	BORI	2	1.5	BLUESTAR	2-Jul-2002
306	KHANDALA	LONAND	BORI		1.5	BLUESTAR	2-Jul-2002
307	KHANDALA	LONAND	AHIRE	6	1.5	BLUESTAR	2-Jul-2002
308	KHANDALA	LONAND	AHIRE		1.5	BLUESTAR	2-Jul-2002
309	KHANDALA	LONAND	AHIRE		1.5	BLUESTAR	2-Jul-2002
310	KHANDALA	LONAND	AHIRE		1.5	BLUESTAR	2-Jul-2002
311	KHANDALA	LONAND	AHIRE	1	1.5	BLUESTAR	2-Jul-2002

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
312	KHANDALA	LONAND	AHIRE		1.5	BLUESTAR	2-Jul-2002
313	KHANDALA	LONAND	LONAND	5	1.5	PURISONS	13-May-1999
314	KHANDALA	LONAND	LONAND		1.5	PURISONS	13-May-1999
315	KHANDALA	LONAND	LONAND		1.5	AMTREX	2-Mar-2000
316	KHANDALA	LONAND	LONAND		1.5	LG	16-Apr-2003
317	KHANDALA	LONAND	LONAND		1.5	LG	16-Apr-2003
318	KHANDALA	LONAND	Padegaon	2	1.5	LG	5-Nov-2009
319	KHANDALA	LONAND	Padegaon		1.5	LG	5-Nov-2009
320	PHALTAN	PHALTAN	PHALTAN	2	1.5	BLUESTAR	27-Nov-2002
321	PHALTAN	PHALTAN	PHALTAN		1.5	BLUESTAR	27-Nov-2002
322	PHALTAN	PHALTAN	PHALTAN POI	2	1.5	LG	3-Jul-2007
323	PHALTAN	PHALTAN	PHALTAN POI		1.5	LG	3-Jul-2007
324	PHALTAN	PHALTAN	PHALTAN-3 (Vidyanagar)	2	1.5	LG	14-Jan-2009
325	PHALTAN	PHALTAN	PHALTAN-3 (Vidyanagar)	2	1.5	LG	14-Jan-2009
326	PHALTAN	PHALTAN	ASU	6	1.5	USHA	24-Apr-2000
327	PHALTAN	PHALTAN	ASU		1.5	USHA	24-Apr-2000
328	PHALTAN	PHALTAN	ASU		1.5	USHA	24-Apr-2000
329	PHALTAN	PHALTAN	ASU		1.5	USHA	24-Apr-2000
330	PHALTAN	PHALTAN	ASU		1.5	USHA	24-Apr-2000
331	PHALTAN	PHALTAN	ASU		1.5	USHA	24-Apr-2000
332	PHALTAN	PHALTAN	ASU BTS	2	1.5	LG	6-Sep-2008
333	PHALTAN	PHALTAN	ASU BTS		1.5	LG	6-Sep-2008
334	PHALTAN	PHALTAN	SHINDEWADI	4	1.5	AMTREX	2-Mar-2000
335	PHALTAN	PHALTAN	SHINDEWADI		1.5	AMTREX	2-Mar-2000
336	PHALTAN	PHALTAN	SHINDEWADI		1.5	AMTREX	2-Mar-2000
337	PHALTAN	PHALTAN	SHINDEWADI		1.5	AMTREX	2-Mar-2000
338	PHALTAN	PHALTAN	GIRVI	4	1.5	BLUESTAR	2-Jul-2002
339	PHALTAN	PHALTAN	GIRVI		1.5	BLUESTAR	2-Jul-2002
340	PHALTAN	PHALTAN	GIRVI		1.5	BLUESTAR	2-Jul-2002
341	PHALTAN	PHALTAN	GIRVI		1.5	BLUESTAR	2-Jul-2002
342	PHALTAN	PHALTAN	GUNAWARE	6	1.5	BLUESTAR	24-Oct-2002
343	PHALTAN	PHALTAN	GUNAWARE		1.5	BLUESTAR	24-Oct-2002
344	PHALTAN	PHALTAN	GUNAWARE		1.5	BLUESTAR	24-Oct-2002
345	PHALTAN	PHALTAN	GUNAWARE		1.5	BLUESTAR	24-Oct-2002
346	PHALTAN	PHALTAN	GUNAWARE		1.5	BLUESTAR	24-Oct-2002
347	PHALTAN	PHALTAN	GUNAWARE		1.5	BLUESTAR	24-Oct-2002
348	PHALTAN	PHALTAN	NIMBHORE	4	1.5	AMTREX	26-Oct-1996
349	PHALTAN	PHALTAN	NIMBHORE		1.5	AMTREX	26-Oct-1996
350	PHALTAN	PHALTAN	NIMBHORE		1.5	AMTREX	26-Oct-1996
351	PHALTAN	PHALTAN	NIMBHORE		1.5	AMTREX	26-Oct-1996
352	PHALTAN	PHALTAN	NIMBHORE BTS	2	1.5	LG	2-Feb-2009
353	PHALTAN	PHALTAN	NIMBHORE BTS		1.5	LG	2-Feb-2009
354	PHALTAN	PHALTAN	TARADGAON	6	1.5	AMTREX	24-Apr-2000
355	PHALTAN	PHALTAN	TARADGAON		1.5	AMTREX	24-Apr-2000
356	PHALTAN	PHALTAN	TARADGAON		1.5	AMTREX	24-Apr-2000
357	PHALTAN	PHALTAN	TARADGAON		1.5	AMTREX	24-Apr-2000
358	PHALTAN	PHALTAN	TARADGAON		1.5	AMTREX	24-Apr-2000
359	PHALTAN	PHALTAN	TARADGAON		1.5	AMTREX	24-Apr-2000
360	PHALTAN	PHALTAN	TARADGAON BTS	2	1.5	LG	4-Oct-2008
361	PHALTAN	PHALTAN	TARADGAON BTS		1.5	LG	4-Oct-2008
362	PHALTAN	PHALTAN	BIBI	2	1.5	LG	15-Feb-2007
363	PHALTAN	PHALTAN	BIBI		1.5	LG	15-Feb-2007

Sr. No.	D.E.	S.D.E.	Station	Nos	Capacity	Make	Dt.of Installation
364	PHALTAN	PHALTAN	TAMBVE PHN	2	1.5	LG	17-Jan-2007
365	PHALTAN	PHALTAN	TAMBVE PHN		1.5	LG	17-Jan-2007
366	PHALTAN	PHALTAN	PIMPRAD	2	1.5	LG	2-Feb-2010
367	PHALTAN	PHALTAN	PIMPRAD		1.5	LG	2-Feb-2010
368	PHALTAN	SAKHARWADI	SAKHARWADI	8	1.5	PURISONS	3-Jan-2004
369	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
370	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
371	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
372	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
373	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
374	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
375	PHALTAN	SAKHARWADI	SAKHARWADI		1.5	PURISONS	3-Jan-2004
376	PHALTAN	SAKHARWADI	ADARKI	2	1.5	LG	20-Jan-2007
377	PHALTAN	SAKHARWADI	ADARKI		1.5	LG	20-Jan-2007
378	PHALTAN	SAKHARWADI	Mirewadi	2	1.5	LG	12-Sep-2009
379	PHALTAN	SAKHARWADI	Mirewadi		1.5	LG	12-Sep-2009
TOTAL NO OF WINDOW AC UNITS				379			
II) SPLIT AC UNITS							
1	WAI	LONAND	LONAND	6	2	Carrier	15-Jun-2004
2	WAI	LONAND	LONAND		2	Carrier	15-Jun-2004
3	WAI	LONAND	LONAND		2	Carrier	15-Jun-2004
4	WAI	LONAND	LONAND		2	Carrier	15-Jun-2004
5	WAI	LONAND	LONAND		2	Carrier	15-Jun-2004
6	WAI	LONAND	LONAND		2	Carrier	15-Jun-2004
TOTAL NO OF SPLIT AC UNITS				6			

SCHEDULE "D"
(A) "IMPORTANT NOTE FOR CONTRACTORS"

The firm shall read carefully the following conditions and shall quote accordingly confirming all the points in their offer.

1. TAXES AND DUTIES:

The firm shall quote rates for all items inclusive of all duties, octroi, taxes & VAT etc. except service tax. No concessional form in any shape shall be issued by the **BSNL**.

2. SERVICE TAX: -

The firm shall claim service tax with the bill clearly furnishing the complete details of service tax so included. BSNL, under no circumstances, will consider any claim of service tax not included in the bill. It will be the firm's responsibility to settle service tax with service tax authorities.

3. COMPLIANCE OF EPF ACT: - The firm has to fulfill / compliance of the provisions of EPF & Misc. Provisions Act 1952 & Employees' Provident Fund Scheme 1952. The each claim bill of contractors must accompany the 1) List showing the details of labourers / employees engaged. 2) Duration of their engagement. 3) The amount of wages paid to such labourers / employees for the duration in question. 4) Amount of EPF contributions (both employer's and employee's contribution) for the duration of engagement in question, paid to the EPF authorities. 5) Copies of authenticated documents of payments of such contribution to EPF authorities and 6) A declaration from the contractors regarding compliance of the conditions of EPF Act, 1952.

4. Comprehensive maintenance of Window/ Split A/C works shall be governed as under :

- a. **BSNL will have the right to increase or decrease up to 25 % of the contract value depending upon the requirement of goods & services specified in the schedule of items without any change in the unit price or other terms & conditions at the time of award of contract.**
- b. **BSNL reserve the right to split up the work / Quantities of items of work (Schedule of work between lowest two agencies who agrees the rate decided by BSNL in respect of First lowest in the ratio of 70% and 30% to the First and Second lowest tenderer respectively.**
- c. The ordering quantity can be increased up to the extend of **25 %** (deviation limit) without the consent of the firm. The firm shall execute such quantities at the rate quoted in the tender without any change in terms and conditions of the contract.
- d. The agreement shall be signed between the firm and Executive Engineer (E) BSNL Electrical Division, Kolhapur within a fortnight from the date of approval.
- e. Comprehensive maintenance contract shall remain in force for a period of **24 Months** from date of award.
- f. Executive Engineer (E) shall supply a schedule of work indicating quantities of various items of quantity in respect of each contract.

5. a) Tendered rates are inclusive of taxes and levies **except Service Tax** payable under the respective statutes. However, pursuant to the Constitution (Forty Sixth amendment) Act 1982, if any further tax or levy is imposed by statute after the date of receipt of tenders and the contractor(s) thereupon necessarily and properly pays taxes or levies the contractor(s) shall be reimbursed the amount so paid provided such payment if any is not in the opinion of SE (E) whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor(s).

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

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

NOTE: No additional condition whatsoever will be accepted for turnover tax/sales tax on works contract. In case of additional conditions for the payment of such taxes by the contractor the tender may be liable to be summarily rejected by the accepting authority. No conditional offer shall be entertained and rejected.

(Standing order No.258)

6. Firm has option to Deposit Earnest money in form of Bank Guarantee for Comprehensive Maintenance contract works in BSNL's attached format and manner (Annexure – I).

7. PERFORMANCE GUARANTEE:

The firm has to submit **within 15 days of award of work** performance guarantee for **10% of the 12 Months** Tendered Cost **subjected to maximum 5 Lakhs**. This amount is to be given either in the form of Bank Guarantee or any other acceptable form. No Security Deposit shall be deducted from the running bills. This amount shall be refunded after successful completion of maintenance period. The EMD deposited along with tender shall be adjusted against this.

SCHEDULE "D"

(B) Copy of Memorandum No.5-1-12/EW/94 dated 26th Sept.1996

Subject: - Option for Deposit of Earnest Money in the form of Bank Guarantee for Air- conditioning, Engine Alternator sets, AMC E/A Sets, Lifts and Sub-Station Works.

(Bank Guarantee should be in a Stamp Paper of Rs.100/-)

1. In modification of the existing procedure of Deposit of Earnest Money with each Tender in the shape of Cash/ Demand Draft/ Pay Order, it has been decided by the BSNL Commission to provide for an option to the Contractor(s) for depositing Bank Guarantee along with the Tenders for Air-conditioning, Diesel Engine Alternator, **AMC E/A sets**, Operation and Comprehensive Maintenance of EMS, Lifts and Sub-station works wherever the amount of EMD is more than Rs. 20, 000/-.
2. The Bank Guarantee shall be from a Scheduled Bank or from a Nationalized Bank/ State Bank guaranteed by Reserve Bank of India.
3. The Bank Guarantee shall remain in force for 30 days after the period for which the tenders are valid.
4. The value of the Bank Guarantee to be deposited along with each Tender shall be at the rates of Earnest Money prescribed by the BSNL from time to time. The Bank Guarantee Bond for EMD Deposit shall be as per the Model form at Annexure-1.
5. The Bank Guarantee Deposit by the Contractors shall be entered in a register to be maintained by the Divisional Officer/Accounts Officer of the concerned Electrical Division and the register shall be reviewed periodically and appropriate action to be taken for extending/ encashing or release of this Bank Guarantee.
6. This is issued with the concurrence of BSNL Finance vide their U.O.No.274/FA-V dated 26th Sept.1996 and shall come into force with immediate effect.

Encl.: **Annexure-I**

Annexure-I

MODEL FORM OF BANK GUARANTEE (ON STAMP PAPER OF Rs. 100/-)

BANK GUARANTEE BOND FOR EMD FOR AIR CONDITIONING, DIESEL ENGINE ALTERNATOR, **AMC E/A Sets**, LIFTS AND SUB STATION WORKS WHEREVER THE AMOUNT OF EMD IS MORE THAN RS. 20,000/-.

Whereas _____ (hereinafter called "The Contractor(s)") has submitted its Tender dated _____ for _____ (Name of 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

GENERAL CONDITIONS

Scope of Maintenance

The maintenance of window A/C units, Split A/C units as included in the schedule of work is to be carried out round the clock including holidays on comprehensive basis. **No material and consumables** will be supplied by BSNL except those consumables specifically mentioned against a particular service. The firm has to adhere to maintenance schedule of each service.

The scope of maintenance also includes, complete **upkeep of voltage stabilizer** used for A/C Plant.

The compressor will be got repaired from original manufacturers and documentary proof for the same will be given. However, this will not be applicable in respect of those cut-open (repaired) compressors which have been got repaired from open market (i.e., not from original manufacturers)

Methodology

1. Before starting the work, the new agency will depute his supervisor who in consultation with the authorized representative of BSNL as well as with the supervisor of old agency, if any, will prepare the defect list including identification of repaired (cut-open) compressors, whatsoever within 15 days from the award of the work. The responsibility of rectification / removal of the defects will rest with BSNL.
2. After the completion period is over the Agency will handover the installation in healthy and free from defects condition.
3. A complaint book as per Annexure II shall be kept at sub-Division office by the firm and the firm shall update the same by submission of service reports. Necessary complaints will be registered by the JTO (E) concerned and entries will be made by him according to the service reports with due verification.
4. At the start of each month, the firm in consultation with S.D.E (E) concerned shall prepare a program for preventive maintenance to be carried out during the month by listing name of stations and date on which he may carry out the maintenance.
5. The firm shall depute only those persons who are trained in refrigeration and Air-Conditioning.

TOOLS & PLANTS

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

COMMERCIAL

1. The tenderer must obtain himself at its own expenses, all the information necessary for the purpose of tendering. Inspect the site and acquaint himself with all the local conditions, means of access to work and nature of work etc. No claim shall be entertained on this account.
2. Payments shall be made Bi-Monthly. It is mandatory to attach Annexure III & IV (Containing details of periodical maintenance done monthly) with the bill. This certificate has to be signed by the S.D.E. (E).

3. The rates quoted must be including of all taxes, duties etc. but excluding service tax.

SERVICE TAX

The firm shall claim service tax with the bill clearly furnishing the complete details of service tax so included. BSNL, under no circumstances, will consider any claim of service tax not included in the bill. It will be the firm's responsibility to settle service tax with service tax authorities.

COMPENSATION FOR DEFAULTS

1. Any damage to the installation(s)/building due to the carelessness on the part of firm's staff shall be the responsibility of firm and shall be replaced/rectified without any extra cost.
2. Any accident or damage will be the responsibility of agency and BSNL 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.
3. All breakdown calls/ complaints has to be attended by the firm with utmost promptness. If the agency fails to rectify any fault within reasonable time, BSNL reserves the right to carry out the work at the risk and cost of the agency. In case the fault is of emergency nature, which may affect the normal functioning of the services, and the firm fails to take immediate necessary action, the work shall be carried out at the risk and cost of the firm without giving any notice. The decision of the E.E (E) shall be final.
4. Compensation for delay in removal of defects:

Sr. No.	Grounds of compensation	Quantum
1	Non functioning of equipments but overall performance parameters i.e. temperature is	1%(one percent) per day subject to maximum of 10% of tendered value for one year of the faulty unit.
	a) Within Limits	
	b) Beyond Limits	
<p>Note:</p> <ol style="list-style-type: none"> 1. This is without prejudice to BSNL's right to take action under clause 3 above. 2. The period after which compensation shall be applicable will be governed as follows <ol style="list-style-type: none"> (i) 1(a) shall be applicable after a period of 3 days or immediately if the ground changes from 1a) to 1 b) (ii) 1(b) shall be applicable immediately 3. The period of 3 days shall be suitably extended, if required, in case of major defects (replacement/ repair) by the Executive Engineer (E). 		

CURRENCY OF CONTRACT

- (i) The currency of contract shall be 24 months.
- (ii) BSNL reserves the right to terminate the contract by giving show cause notice of one month duration at any time during the currency of the contract.
- (iii) BSNL reserves the right to extend the contract for a maximum period of six months (three months at a time) at the same rates & conditions, without the consent of the firm.

MISCELLANEOUS

- (i) The workers engaged by firm should maintain proper discipline and good behavior with occupants. The firm shall remove such workers from the site whose behavior is found improper; Executive Engineer's decision shall be final.
- (ii) The agency will provide the workers with necessary Tools & Plants, Testing and safety equipments.
- (iii) Agency has to observe all the Labour rules and regulations in force and indemnify BSNL against any claims whatsoever, either from this clause or any other clause in the contract.
- (iv) Firm shall issue ID card to their workforce whenever they enter premises for bonafide work. Nobody shall be allowed entry without work and nobody will be allowed overnight stay without work. The workers should wear proper uniform with detachable badge indicating the name of person & firm.
- (v) Dismantled materials shall be returned to the BSNL except those items for which the replacement is supplied by the agency.
- (vi) The contractor shall not sublet the work or part thereof.
- (vii) The contractor has to keep all the units, neat and clean to avoid any accident and / or fire hazards.
- (viii) Firm should have round the clock contact telephone number. In case of Emergency, contractor and authorised engineer supervisor shall be available at site on short notice from Engineer-in-Charge and make all efforts to make the situation normal at the earliest.
- (ix) Firm is responsible to keep workable spares and consumables for due performance of the contract. For critical spare parts, firm shall have arrangement with dealers for prompt supply.
- (x) Any material used/ replaced by the Firm for the work shall have same specification. Alternate Make shall be allowed only after prior approval of the Engineer - in - charge.

MAINTENANCE SCHEDULE

WINDOW/ SPLIT A/C UNITS / WATER COOLERS

MONTHLY

- a) Cleaning of filters
- b) Checking for condensate drain in particular, from indoor unit of split A/C and remove the blockage and repair leakages, if any..
- c) Checking for any abnormal noise / vibration and take corrective action.
- d) Cleaning of storage tank of water cooler.

QUARTERLY

- a) Checking and tightening of electrical connections.
- b) Checks air leakage around the window A/C unit and rectify.
- c) Cleaning of cooling and condensing coil with air pressure (including chemical cleaning, if required)
- d) Clean internal parts of A/C units.

YEARLY

1. Complete servicing of the units.
2. Check for any rust spots. Dry, emery such spots, patch up with red oxide and paint. Painting of condenser structure (in case of split A/C unit)

SPECIAL CONDITIONS:

- 1.1.1.1 **Complete upkeep of voltage stabilizer used for A/C unit shall be the responsibility of the firm.**
- 1.1.1.2 **All breakdown calls / complaints have to be attended by the firm with utmost promptness. The individual AC unit / cooler shall not be out of service beyond one week. Failure to do so shall invite a penalty @ Rs. 100/- per day per unit, after one week for the period, the unit is out of service.**
- 1.1.1.3 **Burnt out motors shall not be repaired but replaced with higher efficiency motors of reputed make.**
- 1.1.1.4 **A/C report card to be maintained at each Window/ Split AC unit. Sample of report card is enclosed in Annexure V to be maintained at site.**
- 1.1.1.5 **All serial no. & make of machine & compressor to be recorded in the presence of representative of Engineer- in- charge during first visit.**

ANNEXURE – I

A. Details to be supplied before starting the work

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

ANNEXURE - II

COMPLAINT REGISTER

Sr. No.	Date & Time of complaint	Nature of complaint	Location	Time & Date of attending complaint	Cause of fault	Material used	Dated Signature of complainant	Dated Signature of Firm Representative

ANNEXURE – III

Programme for Periodical Maintenance for the month of _____

Name of Contractor: _____

Agreement No.: _____

Name of Sub Division: _____

Location: _____

S. No.	Name of Service	Maintenance requirements of materials	Activity with	Remark

(Contractor)

Engineer – in – Charge

ANNEXURE – IV

Actual Periodical Maintenance carried out in the month of _____

Name of Contractor: _____

Agreement No.: _____

Name of Sub Division: _____

Location: _____

S.N.	Name of Service	Periodical Maintenance Actually carried out	Results Satisfactory/ Unsatisfactory	Remarks

(Contractor)

Engineer – in – Charge

For Contractors only:		
Clean the filters	Monthly	
If air conditioned space is properly sealed to ensure that there is no leakage of cool air from the room	Monthly	
Check the abnormal noise in A/C if any and remove it	Monthly	
Check and tight the electricity wires connection	Monthly/ Quarterly	
Check and remove conditioned air leakage	Quarterly	
Clean the cooling coil and condenser coil with blower or any mixture	Quarterly	
Clean the internal components of A/C	Quarterly	
Wash & clean complete A/C unit from all sides	Yearly	
For Telephone Exchange In charge		
Before certifying the bill, confirm the following:		
Whether working of A/C unit is normal or not?		
If there is proper arrangement of drain of dehumidified water from the A/C unit.		
Whether A/C unit is making any abnormal noise?		
For any Complaint contact the following:		
	Mobile No.	Telephone no.
M/s.		
Junior Telecom Officer [E]		
Sub-Divisional Engineer [E]		

LIST OF APPROVED MAKES FOR VARIOUS ITEMS USED IN A/C

1	Motors	ABB/ Bharat Bijlee/ Crompton Greaves/ Schneider Electric/ HBB/ KEC/ Siemens/ Jyoti Ltd
2	Compressors	Carrier/ Emerson Copeland/ York
3	Starter	ABB/ BCH/ Schneider Electric/ L&T/ Siemens
4	MCBs/Isolators	Crompton/ Havells / Indokopp / MDS/ Legrand/ L&T/ Schneider Electric/ Siemens/ Standard/ C&S/ ABB/ HPL
5	Cables ISI Mark	
	a) Up to 1.1 KV grade	ISI mark
6	Controls	Flica/ Honeywell/ Indfoss / Penn-Danfoss/ Ranco/ Ranutrol / Sporland

Remark: Relevant IS standards will apply in case of any ambiguity in items/ specifications. Validity of makes will be subjected to approval as on date of NIT. Any make not included in above list, but currently on approved list of BSNL will be accepted provided the same is valid as on date of NIT.