



Office of THE SUB DIVISIONAL ENGINEER (E)
BSNL ELECTRICAL SUB DIVISION -I
241, BAKSHI NAGAR, JAMMU

TENDER DOCUMENT

FOR THE WORK OF

(NIT NO: - 233/2009-10/EE (E)/BSNL/ESD-I/JMU/48

DATED: - 25-01-10

PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO - MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT

DUE DATE OF OPENING: - 10-02-2010

ESTIMATED COST: - Rs 42,200/-

EARNEST MONEY (EMD): - Rs. 844/-

TIME FOR COMPLETION OF WORK :-FOUR MONTHS

PRICE OF TENDER DOCUMENT (TENDER FEE) :- Rs. 150/- + VAT @ 12.5%

NAME OF AGENCY :-

DATE OF SALE (Not to be filled for downloaded tenders):-

DD/CDR/FDR NO.,DATE, AMOUNT AND NAME OF BANK (for tender sale cost) (for downloaded tenders only):-

DD/CDR/FDR NO.,DATE, AMOUNT AND NAME OF BANK for EMD:-

Seal of firm

**SDE(E)
BSNL ESD-I, JAMMU**

INDEX

S.No.	Description	Page no.
1	Cover page	1
2	Index	2
3	Front page of tender	3
4	Web Notification	4
5	Undertaking by firm	5
6.	Notice Inviting Tenders (Form CPWD 6)	6-9
7.	Format of the certificate to be given by the firm/person	10
8	Performa of Schedules	13-14
9.	Abstract and Schedule of Quantities	15
10.	INVENTORY OF SERVICES TO BE MAINTAINED	16
11	Important note to contractors	17
12	Specification and approved directory	20-24

PAGE NO. (3)
BHARAT SANCHAR NIGAM LIMITED
(A GOVT. OF INDIA ENTERPRISE)

STATE	J&K	CIRCLE	J&K
BRANCH	ELECTRICAL	DIVISION	JAMMU
ZONE	J&K	SUB DIVISION	I – JAMMU

FOR THE WORK OF : **PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO - MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT**

- i) **To be submitted by 15:00 hrs. on 10-02-2010 in the office of SDE(E), BSNL ELECTRICAL SUB DIVISION –I, JAMMU.**
- ii) **To be opened in presence of Tenderer(s) who may be present at 15:30 hrs. on 10-02-2010 in the % SDE(E), BSNL ELECTRICAL SUB DIVISION –I, JAMMU.**

Issued to :- _____

(Contractor)

Signature of the officer issuing the document :- _____

Designation :- _____

Date of issue :- _____

WEB NOTIFICATION

NIT NO :-233 /2009-10/EE(E)/BSNL/ESD-I/JMU/48

DATED :- 25-01-2010

The Sub Divisional Engineer (Elect), BSNL Electrical Sub Division-I, Jammu invites on behalf of the Bharat Sanchar Nigam Limited sealed item/rate tenders for the following work from the contractors satisfying the under mentioned eligibility conditions:

Name of work :- **PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO - MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT**

timated cost : Rs 42,200/-

Earnest Money Deposit : **Rs 844/-**

Time for completion :- **FOUR MONTHS**

- Last date of receipt of application:- **08-02-2010**
- Last date of issue of tender :- 08-02-2010
- Last date of submission of Tender:- **10-02-2010** up to 3.00 pm
- Date of opening of Tender :- 10-02-2010 at 3.30 pm

SUB DIVISIONAL ENGINEER (E)

UNDERTAKING BY FIRM / CONTRACTOR

I/We have read and examined the notice inviting tender, schedule of work conditions of contract, specifications, General Rules and directions, clauses of contract & other contents etc. in the tender document for the work .

I/We hereby tender for the execution of the work specified for the BSNL within the time specified in schedule as applicable.

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

A sum of Rs. **844/-** has been deposited in the form of DD/pay order/FDR/CDR/BG of the scheduled bank guaranteed by Reserve Bank of India as earnest money. If I/We fail to commence the work specified I/we agree that the said BSNL 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 absolutely otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to 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 the percentage mentioned and those in excess of that limit at the rates to be determined in accordance with the provision contained in relevant clause of the tender form.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret /confidential document and shall not communicate the same or use the information in any manner. (Applicable if Tender Document is downloaded from internet) :- I/We hereby declare that the tender submitted is the original downloaded computer print out and not the photocopy. I/We agree that during the process of tender finalization if it is detected that the tender document submitted has been changed / made additions or / and deletion , the offer may be rejected and that I We agree that BSNL 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 absolutely to any other action as per prevalent rules.

I/we here by agree to sign the:-

- (a) The original documents consisting of schedule and specification, important note to contractor, special conditions of contract etc as per original tender documents (applicable under bid received on web).
- (b) Latest P.W.D -6 and 8 form shall form part of the agreement.

Dated-----

Signature of contractor

Witness:

Postal AddressAddress

Occupation

BHARAT SANCHAR NIGAM LIMITED**(A GOVT. OF INDIA ENTERPRISE)
(ELECTRICAL WING)****Electrical Division: JAMMU****Sub Division: I – JAMMU****(NIT NO: - 233 /2009-10/EE (E)/BSNL/ESD-I/JMU/48****DATED :- 25-01-2010****Notice Inviting Tenders**

[As per tendering Procedure in BSNL revised upto date]

01. Item rate Tenders in the prescribed form are hereby invited on behalf of the BSNL form approved and eligible contractors of BSNL for the work of :- **PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO - MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT**

Estimated Cost: . **Rs. 42,200/-**

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 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. 150/- + 12.5% VAT 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 web site:-<http://www.jandk.bsnl.co.in>*.
 (d) Before tendering, the contractor shall inspect the site and fully acquaint himself about the conditions with regard to accessibility of site and site nature and the extend of grounds, working ,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.
03. Tenders which should always be placed in sealed cover with the name of the work written on the envelope will be received by the Sub Divisional Engineer (Elect) Sub Division I Jammu up to 1500 HOURS on **10-02-2010** 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 **Four months** from the 10th day after the date of written order to commence the work.
05. Issue of tender form will be stopped two days before the date fixed for opening of tenders. Tenders will be sold only on working days; no tenders will be sold after 16.00 hours.
06. a) Earnest Money amounting to Rupees 844/- in the form of demand draft/FDR/BG/DD/CDR of a nationalized/scheduled bank guaranteed by the Reserve Bank of India, drawn in favour of Accounts Officer, BSNL Electrical Division, JAMMU 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 :- PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO - MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT

." And addressed to Sub Divisional Engineer (E) BSNL, Electrical Sub Division I Jammu. *The validity period of EMD is 120 days from the date of opening of under. In case of e-tendering, each tender should be in two sealed covers ,first containing credentials for meeting the eligibility conditions along with the tenders and EMD in proper form and second cover containing tender documents. The tenderer shall submit the tender in two numbers of separate sealed Envelopes, marked as Envelope-I & Envelope-II. The name of 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 2" Envelop containing the bid document shall be opened. If the Envelope-I in 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 Envelope-2 containing price bid will not be opened at all & shall be returned to the tenderer on the spot, if the tenderer is present at the time of tender opening. 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.*

- b) The EMD of the unsuccessful tenderers shall be released on issue of award letter to the successful tenderer. This shall be done within one week of award letter.
- c) Exemption of payment of earnest money and security deposit by any other unit / department shall not hold good for BSNL.
07. The contractor should submit and following testimonials alongwith the application on printed letterhead for purchase of tender :-
- a) Chartered Accountant certificate in respect of turnover and other registration certificate [Enlistment in BSNL. Electrical License, Sales Tax, EPF, ESI etc) with attested copies (self attested and counter attested by any executive of BSNL/MTNL or Gazetted officer of GOI as applicable
- b) Permanent accounts Number (PAN) issued by Income Tax Department.
- c) Testimonial of satisfactory completion of work(s) obtained from an officer not below the rank of Executive Engineer .
- d) J&K Sales tax / VAT registration certificates alongwith copy of sale tax clearance certificate issued by assessing authority in prescribed manner.
- e) Valid EPF/ESI registration. “ The agencies who claim to be exempted from ESI registration should submit an affidavit on judicial stamp paper for the same ”
08. 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.
09. The acceptance of a tender will rest with the SUB DIVISIONAL ENGINEER (E) , BSNL ELECTRICAL SUB DIVISION-I, JAMMU 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.
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 rate quoted.
12. i) The tenderer should give a certificate that none of his/her near relative is employed in BSNL units. In case of Proprietorship firm, certificate will be given by the proprietor & for partnership firm certificate will be given by all the Directors of the company.
- ii) Near relatives of all BSNL employees is prohibited from participating in tenders & execution of works in 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 the firm or any other person is not permitted to tender for works in BSNL unit in which his relative(s) is (are) posted. The unit is defined as SSA/Circle/Chief Engineer/Chief arch./Corporate office for non executive employees and all SSA in a circle office/Chief Engineer/Chief Arch./ Corporate office for executive employees(including those called as 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.

Format of the certificate to be given is :-

“I _____ S/o _____

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

BSNL EW**6**

13. 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.
14. The tender for the work shall not be witnessed by the contractor who himself/themselves has / have tendered or who may 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.
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 & 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 many corrections, over writings or absurd rates, and absurd amount will be liable to be rejected and the BSNL will be 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 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 bear liberty to forfeit 50% (fifty percent only) of the said earnest money absolutely.
18. 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 tenderer 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.
19. Unsealed tenders shall be summarily rejected.
20. The contractor should read the tender documents carefully before submitting the tender. Rates quoted by the contractor in item rate tender in figures and words shall accurately be filled in so that there is no discrepancy in the rates written in the figures and in words. However, if any discrepancy is found, the rate which corresponds with the amount worked out by the contractor shall be taken as correct.
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 be the part of the agreement.
22. The tenderer shall furnish a declaration to this effect (in case of 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/contractor with stamp(seal) of his firm /organization.
23. This notice Inviting Tender shall form 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 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 of invitation of tender and acceptance thereof together with any correspondence leading thereto.
 - b) B Standard form

24. Eligibility Conditions :-

- a) The agency who have been enlisted in BSNL in a category whose financial Limit is more than the Estimated cost are eligible and for the specialized jobs the firms who have executed three works of similar nature are also eligible.
- b). Contractor should registered with J&K Govt. sales tax department and possesses local sales tax no in the prescribed form issued by the assessing authority in such as prescribed (ST-64, Rule 72) OR Form VAT 46.
- c) The agency should have EPF registration.
- And
- d) ESI Registration of Contractors

“ The agencies who claim to be exempted from ESI registration should submit an affidavit on judicial stamp paper for the same ”

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.

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.

(i)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 of tenders and acceptance thereof together with any correspondence leading thereto.

b) Standard E.W.-8 Form.

Signature of Sub Divisional Engineer (E)
BSNL Electrical sub Division-I, JAMMU
For and on behalf of
Bharat Sanchar Nigam Limited

Format of the certificate to be given by the firm/person:

I _____ S/o _____

R/o _____ here by certify that none of my relative(s) as defined below is/are employed in the zone of Chief Engineer (E), BSNL, New Delhi. In case at any stage, it is found that the information given by me is false/incorrect, BSNL shall have absolute right to take any action as deemed fit/without any prior intimation to me.

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).

Signature of the firm/person

Annexure – IV

UNNDERTAKING TO BE FURNISHED BY THE TENDERER

I son of
..... Resident of
..... hereby given an
undertaking that I have read and I am aware of all the clauses of BSNL EW 6 & EW 8
forms and I confirm that I will abide by all the terms and conditions available in original
standard BSNL EW 6 & 8 forms.

(Seal of the firm)

(Dated Signature of Contractor)

**SCHEDULE SHOWING APPROXIMATE QUANTITY OF MATERIALS TO BE
SUPPLIED BY BSNL FOR WORK CONTRACTED TO BE EXECUTED FREE OF COST
AT DIVISIONAL STORES**

NOTE :- The material is to be carried from stores to site of work by the agency , at his own risk and cost and nothing extra shall be paid on account of such cartage

SR. NO.

ITEM

QTY.

NIL

PAGE NO. (13)
PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Abstract of cost and Schedule of quantities Appended on page :-14

SCHEDULE 'B'

Schedule of materials to be issued to the contractor

S.No.	Description of item	Quantity	Rates in figures & Words at which the Material will be charged To the contractor	Place of issue
1.	2	3	4	5
nil				

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sr.No.	Description	Hire charges per day	Place of issue
1.	2	3	4
nil			

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

As mentioned on index page

SCHEDULE 'E'

Schedule of component of Materials, Labour etc. for escalation

CLAUSE 10 CC

Not applicable

SCHEDULE 'F'

Reference to General Conditions of contract.

Schedule – A

Schedule of requirement

NAME OF WORK: PROVIDING UP KEEPING AND SECURITY ARRANGEMENT FOR ELECTRO-MECHANICAL SERVICES IN USOF BTS AT B.C. KALAKOT						
S. No	Description of item	Qty		Rate	Unit	Amount
1	Round the clock operation of electro-mechanical services of the site viz. electrical fittings, lamps, switches, aviation lights with control gears, earthing, compound lights, electrical panels, cables, lightening conductor, energy meters, DG sets, AMF panels, canopies etc, proper up keeping, maintaining the log books, visitor's record and collection of electricity bill from PDD and depositing the same to the PDD and round the clock security of all equipments within the premises etc. as per the conditions and detailed specifications attached.					
	a) B.C.KALAKOT	04	Months		Month	
2	Transportation, handling and filling of diesel, making arrangement for storage of diesel, as per the requirement of the sites. From up to 60 KM	1200	Ltr.		Ltr.	
3	Head Load for carriage of Diesel from road side to site B.C. KALAKOT approx. Head load = 3000 m complete i/c labour charges etc. as reqd. at site.	1200	Ltr.		Ltr	

TOTAL Rs.

Note: -

1. The DEA Sets and AMF panels are under warranty. The servicing shall be carried out by the authorized service dealer/agent.
2. Cost of diesel and electricity charges will be paid by BSNL.
3. Agency will be responsible for any pilferage/loss of diesel.

**Sub Divisional Engineer (E)
BSNL, Electrical, Sub Division-I
JAMMU**

INVENTORY OF ELECTRO-MECHANICAL SERVICES AT EACH USOF BTS SITES

- (A) E.I. & FANS:-
- (a) Light/Fan Points- 03 Nos
 - (b) 3 Pin /5/6 Amps. Plug Point- 04 Nos.
 - (c) 36 Watt Patti Type Fluorescent Tube Light Fitting with Electronic Ballast- 01 Nos.
 - (d) 36Watt Fluorescent Street light Fitting with Electronic Ballast - 01 Nos.
 - (e) 12" Mini Cabin Fan- 01 No.
- (B) AVIATION LIGHT: - LED aviation obstruction lamp with Light Dependent Resistance (day night automatic timer) along with 2x1.5 Sq.mm. copper conductor armoured cable- 01 No.
- (C) LIGHTING ARRESTER: - 01 No.
- (D) EARTHING:-
- (a) TOWER RING EARTHING - 01 No.
 - (b) COPPER PLATE EARTHING FOR TOWER LIGHTING ARRESTER - 02 Nos.
 - (c) G.I. PLATE EARTHING FOR NEUTRAL OF E/A SET- 02 Nos.
 - (d) G.I. PLATE EARTH FOR NEUTRAL OF EB - 02 Nos.
 - (e) G.I. PLATE EARTH FOR BODY OF EI AND EA SET- 02 Nos.
- (E) ELECTRICAL SERVICE CONNECTION- WITH 4 X 16 Sq.mm. Alu. CONDUCTOR PVC INSULATED PVC sheathed armoured cable of 1.1 KV Grade as per site requirement.
- (F) DISTRIBUTION PANEL CUM METERING PANEL:-
- (i) 63 A TPN MCB - 01 Nos.
 - (ii) 63 A FP Isolator-01 Nos.
 - (iii) 63 A Rewirable Kit Kat Fuses- 03nos
 - (iv) 10-40 A, Three Phase, 4 wire, 50 Hz ISI Marked Electronic Energy Meters (without CT Operated) - 05 Nos.
 - (v) 32 A TPN MCB - 04 Nos.
 - (vi) 5 A SPN MCB- 03 Nos.
 - (vii) 100 A 440 V TPN Aluminum Bus Bar- 01 Set.
- (G) FIRE FIGHTING EQUIPMENTS:-
- (a) 4.5 Kg. CO2 Type Fire Extinguishers - 02 Nos.
 - (b) GI Fire Buckets of 09 Litres- 02 Nos.
- (H) ENGINE ALTERNATOR SET: - 01 No x 20 KVA With silent canopy, AMF Panel and Battery
- (I) Miscellaneous
- (i) First aid Box – 01 nos
 - (ii) Shock treatment Chart-01 nos

SDE (E)
BSNL Electrical Sub-Division-I
Jammu

PAGE NO. (17)
IMPORTANT NOTE FOR CONTRACTOR

1. General:

The special conditions shall be read in conjunction with general conditions of contract and amendments / corrections thereto. If there are any provisions in these special conditions, which are at variance with the provision in the above-mentioned documents, the provisions in these special conditions shall take precedence.

2. Scope of Work:

The general scope of work to be carried out under this contract is illustrated in the Schedule of quantities and specifications etc. forming part of the tender document. The firm shall carry out and complete the work under this contract in every respect in conformity with the contract documents and under the direction of Engineer-in Charge. The firm shall furnish all labour, materials and equipments including tools and plants required, if any.

3. (a) TAXES & DUTIES: The firm shall quote rate for each item including all taxes, levies and Octroi as well as Works Contract Tax and service tax etc. as applicable on the date of submitting this offer i/c loading, unloading, insurance and transportation up to site etc.

(b) The BSNL shall deduct works contract tax income tax etc. and any other tax from payments due to the firm, as per rules of the Central/State/Local by laws/government. The Accounts officers of the Division shall issue certificates for such deductions to the firm.

3.1 No Octroi exemption certificate or any other letter in this regard will be issued by BSNL.

3.2 Department reserves a right to accept quantity in full or parts.

3.4 (a) Tendered rates are inclusive of taxes and levies payable under the respective statutes. However, pursuant to the Constitution (Forty Six Amendment) Act 1987, 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 also paid provided such payment if any is not in the opinion of SE (whose decision shall be final and binding) attributable to delay in execution of work within the control of the contractor(s).

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

(c) The contractor(s) shall within a period of 30 days of imposition of any further tax or levy pursuant to the Constitution (Forty 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.(Standing order No.258)

4. No price escalation under Clause 10CC shall be admissible during currency of contract.

5. E. M. D.: Firm should specially note that if they do not enclose E. M. D. with their offer as prescribed, their offer shall not be considered. The amount of earnest money to be deposited with each tender is 2% of the estimated cost put to the tender Subject to a maximum of Rs. 2 Crores.EMD will be acceptable in the form of CDR/FDR/DD.

6. VALIDITY PERIOD OF EMD:

The validity period of the EMD shall be kept 30 days beyond the tender validity e.g. 90+30=120 days, since the tender validity period is 90 days.

7. EXTENSION OF VALIDITY OF EMD:

In case, if 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 EMD deposit by a reasonable period. In such cases, extension of validity of EMD by 30 days beyond the extended validity date of tender should also be asked for.

8. SECURITY DEPOSIT:

Security deposit @ 10% of the gross amount shall be deducted from bill; the validity period of the security deposit shall be six months from the date of actual completion of work.

9. ELECTRIC POWER & WATER:

Electricity & water for Supplying and Laying etc of equipment shall be provided by the BSNL free of cost. BSNL however does not guarantee the continuity of supply and no compensation whatsoever shall be allowed on this account.

10 INCREASE/DECREASE OF TENDERED QUANTITY

a) BSNL will have the right to increase or decrease up to 25% of the contract value depending upon the requirement of goods and services specified in the schedule of items without any change in the unit price or other terms and conditions at the time of award of contract.

b) In exceptional situation where the requirement is of emergent nature and it is necessary to ensure continued supplies from the existing vendors, the purchase reserves the right to place repeat order up to 50% of the quantities of goods and services contained in the running tender/contract within a period of twelve months from the date of award of work at the same rate or a rate negotiated (downwardly) with the existing vendors considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc.

11.1 Completion of work

At the time of issuing NIT for a particular work, the time allowed for completion of work consistent with magnitude and urgency of work is specified. The time allowed for carrying out the work as entered in the contract is reckoned from the 10th day after the date on which the orders to commence the work are given to the contractor. To ensure good progress of the work during the execution, the contractor is bound, in all cases, in which the time allowed for any work exceeds one month (except special jobs), to complete 1/8th of the whole work before 1/8th of the time allowed under the contract has elapsed, 3/8th of work before 1/2 of the time has elapsed and 3/4th of the work before 3/4th of such time has elapsed. However, for special jobs, if the contractor has submitted a time schedule and the same has been accepted by the Engineer –in-charge, the contractor shall comply with such time schedule.

For air conditioning, Engine Alternator, Fire detection the work is deemed to have been completed after successful completion of the initial acceptance testing as per the departmental standards by T&D circle. For sub Station work, the date of clearance from electrical inspector is taken as completion date & for wet riser system the date of clearance by Fir officers shall be taken as completion date.

12.1 If the contractor shall desire an extension of time for completion of work on the grounds of his having been unavoidably hindered in its execution or on any other ground, he shall apply in writing to the Engineer-in-charge within 30 days of the hindrance on the account on which he desires such extension as aforesaid, and the Engineer-in-charge shall, if in his opinion reasonable grounds to be shown therefore, authorize such provisional extension of time, if any, as in his opinion be necessary or proper.

12.2. COMPENSATION FOR DELAY:

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

13. Offer should be clear. Any ambiguous offer is liable for rejection by the BSNL. The decision of BSNL on in this regard shall be final and binding on the tenderer.

GENERAL SPECIFICATIONS :-

- 1.0 The work shall be carried out as per latest CPWD specifications & I.E.rules amended upto date.
- 2.0 Good workmanship is an essential requirement to be compiled with the entire work of manufacture , fabrication assembly and installation shall confirm to sound engineering practice.
- 3.0 The layout of work will be given by the Engineer-in-charge or his duly authorized representative at the site of work.
- 4.0 The work shall be treated as on works contract basis and the rates tendered shall be for complete item of work inclusive of all taxes , duties , works contract tax & levies etc. as applicable . No concession form will be issued by The BSNL.
- 5.0 The works contract tax will be deducted from the bills as applicable in J&K.
- 6.0 Security deposit will be released only after one year after the completion of work.
- 7.0 No T&P will be issued by the BSNL.
- 8.0 Un-approved material , brought to site of work shall have to be removed immediately by the contractor at his own risk & cost.
- 9.0 Rates quoted shall be inclusive of packing , forwarding , insurance , freight , delivery at site and watch and ward of all the materials.
- 10.0 All sundry fittings , assemblies , accessories , hardware items , foundation bolts , termination lugs for electrical connections and all other sundry items which are necessary for proper assembly and efficient working of the various components of the works, shall be deemed to have been included in the tender.
- 11.0 The contractor shall be responsible for the repairing all damages and restoring the same to their original finish. He shall also remove all the unwanted and waste material arising out of his workmanship from the site , at his own cost.
- 12.0 Temporary shed , if reqd. , over the storage space and looking arrangement shall be provided by the firm till completion of the work and final taking over of the installation be the BSNL.
- 13.0 The contractor shall employ qualified engineer / supervisor as reqd. and intimate names of such person to the Engineer-in-charge on commencement of work. Failure to do so will attract penalty as per agreement.
- 14.0 The contractor should submit report certifying that no dues are pending towards labour charges. In case of failure to do so an amount of Rs. 2500/- will be deducted from his bill.
- 15.0 Lugs should be provided while termination of G.I.wire for earth continuity without any extra payment.

- 16.0 The contractor shall furnish the test certificates for all the equipments and panels. Necessary instruction manuals ,**
- 17.0 The firm shall furnish the guarantee for all the equipments against any manufacturing defect , defective workmanship , for a period of twelve months from the date of commissioning and handing over of installation for regular use.**
- 18.0 Numbering & Sign-Writing of the entire installation shall be carried out by the firm as per instructions of the Engineer-in-charge , for which nothing extra shall be paid.**
- 19.0 On completion of installation following tests shall be carried out by the contractor , in presence of the Engineer-in-charge :-**
- a) Insulation Resistance Test.**
 - b) Polarity test.**
 - c) Earth continuity test.**
 - d) Earth electrode resistance test**

ADDITIONAL SPECIFICATIONS FOR EI & FANS :

- 1.** The layout of the work will be given by the Engineer-in-Charge or his duly authorized representative at the site of work.
- 2.** The following wirings shall be done on separate circuits :-
 - a. Power Plug wiring.
 - b. Light and Fan point wiring
 - c. Emergency light point wiring to / from battery.
 - d. Telephone wiring.
 - e. Clock wiring.
- 3.** The earthing shall be done in the presence of Engineer-in-charge or his duly authorized representative.
- 4.** The Agency should get the samples , of material to be used on work , approved from the Engineer-in-Charge or his duly authorized representative before use at site.
- 5.** The contractor will have to submit a detailed & legible completion plan (in triplicate). In case the contractor fails to submit the completion plan as aforesaid , he shall be liable to pay a sum equivalent to 2.5% of the value of work subject to a ceiling of Rs. 2,500/-.
- 6.** The contractor will have to carry out following tests, in presence of the engineer-in-Charge or his duly authorized representative , on completion of work , before final bill is paid . The necessary measuring instruments , tools & manpower for this purpose has to be arranged by the contractor without any extra cost. The tests are to be carried out as per CPWD guidelines.
 - a. Insulation resistance test.
 - b. Polarity test.
 - c. Earth continuity test.
 - d. Earth electrode resistance test.
- 7.** Any damage done to the building by the contractor during the execution of work shall have to be made good at his risk and cost , within a reasonable time determined by the Engineer-in-Charge . In case he fails to do so , same shall be got done by the BSNL at the risk and cost of contractor.
- 8.** At the time of laying conduit pipes in the slab and recess the contractor will keep fish wire of (14 swg G.I.wire) through conduit pipe and will have to take special care that the conduits do not pass through air conditioning ducts , grills , columns , beams etc. If any such necessity is foreseen special permission in writing has to be obtained from E-In-C.
- 9.** The material to be used should be as per approved product directory of BSNL. In case any material is not listed in the said directory, the make has to be got approved from E-in-c before use at site.
- 10.** Interconnection between bus bars / switch fuse units etc. above 100 amps. Rating shall be done with Solid copper conductor.
- 11.** For conduits along with accessories already laid , recovery shall be effected on the basis of DSR-94 rates +/- abatement of this tender on linear basis.

PAGE NO. (23)
SPECIFICATIONS FOR PANEL :-

1. The cubicle panel shall be indoor , floor mounting type , suitable for three phase 415 volts ,50 hz , AC supply.
2. The Panel shall be fabricated out of 16 guage MS sheet having separate compartments for switches , busbars & cables etc.
3. The Panel shall be complete with interconnections , with lugs , ferrules , rubber gasket , sign writing , danger notice plate etc.
4. Ventilation spouts with wire mesh inside should be provided.
5. Panel should have 2 nos. earthing points & 25 mm x 5 mm. Copper / G.I strip should be provide all along the entire width of panel.
6. Provision shall be made for top & bottom entry of incoming / outgoing cables in cable alley.
7. Necessary clamps / “C” channel shall be provided in cable alley for flexible cable / wires etc.
8. Colour code to connection wires of switches / busbars etc. shall be made in panel.
9. dimension 7 Layout of cubicle panel , if indicated in the Tender is tentative . agency should submit the detailed drawings & get the approval of Engineer-in-Charge.
10. All meters should be of 96 mm. X 96 mm. Size with selector switches of approved makes.
11. CT's of class-'A' for metering purpose shall be provided with fixing arrangement.
12. Knobs should be of CAM type.
13. Indicating lamps should be LED type (having three LED's in one lamp).
14. Panel shall be seven tank processed / powder coated .
15. For switchgear of 100 Amps. Rating and solid connection using bus bar shall be brought out in cable alley for incoming / outgoing connections.
16. For switchgear of less than 100 Amps. Connection from bus bar connector in cable alley shall be provided with copper wire.
17. The panel colour shall be preferably Siemen grey colour

**LIST OF APPROVED MAKES FOR ELECTRICAL INSTALLATIONS EFFECTIVE FROM AUGUST-03 -
--TEZ CHANDIGARH**

S.NO.	ITEM	APPROVED MAKE
1	MCCB (ADJUSTABLE RANGE)	Siemens / L&T / GE Power Controls / Control & Switchgear / Schneider (CG) / MDS Legrand / Standard (Upto 600A valid upto 31-07-2004) / Havell's (Upto 600A valid 31-7-2004)
2	TPN SWITCHES AND HRC FUSES	Siemens / L&T / GE Power Controls / Havell's / H.H.Elcon / Indo-Asian / Schneider (CG) / HPL / Control & Switchgears / Standard (Upto 600A valid upto 31-07-2004)
3	C.T.	AE / IMP / Marshall / Pactil / Kappa / L&T / Ashmor / Indcoil / Waco / Mecco
4	AMMETER / VOLTMETER (DIGITAL)	Enercon / Indotech / AE / IMP / Universal / Reshabh / Kaycee / Yokins (valid upto 31-07-2004)
5	SELECTOR SWITCH	L&T / KAYCEE / AE / IMP / Thakoor / Reco / Vaishno / Selzer / Rasscontrol / Veeco Switchgears / HPL
6	INDICATING LAMP (L.E.D. TYPE)	Vaishno / Siemens / L&T / AE / IMP / Rasscontrol / Teknie / Schneider / KAYCEE / Veeco Switchgears / Essen Deinki
7	CAPACITOR	Khatau Junkar / Crompton / L&T / Universal Electric / Usha / AE / IMP / Siemens (EPCOS)
8	XLPE CABLES (UPTO 1.1 KV GRADE)	ISI Mark
9	RUBBER MATTING	ISI Mark
10	CABLE JOINT KIT	Raychern / M-seal / Densons
11	SINGLE PHASING PREVENTOR	L&T / Minilec / Zerotrip / Siemens
12	TIMERS (ANALOG)	L&T / Indo Asian / MDS Legrand
13	I) MCBs & DISTRIBUTION BOARD	MDS Legrand / Bentex / Clariton / Havells / Indokopp / Siemens / Standard / HPL / GE / L&T / Protee
	II)ELCB	Standard / MDS / Havells / Datar / Siemens / G.E.Power Control / Schneider / Indo Asian / HPL
14	CHANGEOVER SWITCH	Standard / Havells / Control & switchgear / H-H Elcon / Indo Asian / HPL-Socomec
15	MONOBLOCK PUMP	Beacon / Batliboi / Kirloskar / Jyoti / KSB / Crompton / WASP / BE / PEC
16	STARTER	L&T / Siemens / BCH / ABB / GE Power Control
17	G.I / M.S. PIPE (ISI MARK)	BST / TATA / ATL / ITC / ATC / IIA / JST / ITS / Jindal / Zenith / GSI /
18	FOOT VALVE	ISI Mark
19	GATE VALVE (ISI MARK)	Sant / Leader / Trishul / Fountain / Annapurna
20	SUBMERMISIBLE PUMP	KSB / Calama / Amrut / Kirloskar / PEC / BS
21	CONTACTORS	Siemens / L&T / GE Power Controls / Schneider (CG) / Laxmi
22	MULTIFUNCTION DIGITAL METERS	Neptune Ducati / Enercon / L&T / HPL-Socomec / Secure (Valid upto 31-07-2004)