



Office of the Sub Divisional Engineer (E),
BSNL Electrical Sub Division - I
Faridabad
(An ISO 9001-2000 Unit)

Name of Work: - R/M of EI and fans at various sites under ESD-I Faridabad (SH:- Replacement of faulty C/O Switch at TE Sec- 55 and making Earthing (Neutral) at CMTS Swamika and other Misc. works at various sites under ESD-I Faridabad)

Date & time of opening of tender: - 26 - 11 - 2009 at 15:30 Hrs.

Name of Contractor M/s

Signature of the tender issuing officer.

Designation Sub Divisional Engineer (E)
BSNL, ESD - I, Faridabad

(For & On behalf of BSNL)

UNDERTAKING

(TO be furnished by the firm before quoting)

I/ We do hereby undertake to have gone through the terms and conditions/clauses of the form CPWD-6/7/8 being adopted by the **BHARAT SANCHAR NIGAM LIMITED** (Electrical Wing) and agree to abide by the same.

(Signature of the Contractor with seal)

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Certified that this Tender Document contains: - 1 to 25 pages.

Sub Divisional Engineer(E)
BSNL, ESD - I
Faridabad

NOTICE INVITING TENDER

WEB NOTIFICATION

No. /SDE (E)/ESD-I/FBD/09-10

Date: - 12 - 11 - 2009

The Sub Divisional Engineer (Electrical) B.S.N.L. Electrical Sub Division - I, Faridabad invites on behalf of Bharat Sanchar Nigam Limited sealed item rate tenders for the following work from the contractors satisfying the under mentioned eligibility conditions:

Sr. No	NAME OF WORK	E/COST (Rs.)	EMD (Rs.)	Last date of Receipt of Application (upto 4 PM)	Last date & time of Sale (upto 4 PM)	Last date of Receipt of Tender upto 3 PM)	Date of Tender Opening at 3.30 PM	Period
1	R/M of EI and fans at various sites under ESD-I Faridabad (SH:- Replacement of faulty C/O Switch at TE Sec-55 and making Earthing (Neutral) at CMTS Swamika and other Misc. works at various sites under ESD-I Faridabad)	Rs. 32694 - 00	Rs. 654 - 00	23 - 11 - 2009	24 - 11 - 2009	26 - 11 - 2009	26 - 11 - 2009	15 Days

1) Eligibility conditions:

- i) BSNL Enlisted contractors in class IV & above
- 2) Documentary proof of satisfying eligibility and copy of acknowledgement of Income Tax Return/ Chartered Accountant certificate for last three years to be furnished along with application on printed letter heads. Testimonials of satisfactory completion shall be obtained from an officer not below the rank of Executive Engineer.
- 3) **PERFORMANCE GAURANTEE:** - The contractor is required to furnish performance guarantee for an amount equal to 5% of the contract value in the form of bank guarantee (of a Nationalized / Scheduled Bank in a standard format) /CDR /FDR/DD within two weeks from the date of issue of award letter. The validity period of the performance security in the form of performance bank guarantee shall be one year from the date of actual completion of work.
- 4) Conditions and tender form can be had from the office of Sub Divisional Engineer (E) ,BSNL Electrical Division-I,Faridabad on payment of Rs. 169/- inclusive of Sales tax (Non-refundable). Or can be downloaded from our website "www.haryana.bsnl.co.in/electrical"

- 5) Validity of tender shall be for 30 Days from the date of opening of the tender.
 - 6) The tenderer should give undertaking regarding that abides by the original standard PWD Form 6/8.
 - 7) The tenderer shall submit the tenders in 2 sealed covers marked as cover 1st and 2nd with name of work. Both should be separate & they should not be enclosed in a common 3rd cover.
 - 7(a) The 1st cover should contain the earnest money deposited in the shape of Demand Draft/Pay Order of a Scheduled Bank or Nationalized Bank/State Bank guaranteed by Reserve Bank of India drawn in favor of **AO. BSNL Electrical Division Faridabad** is acceptable.
- OR
- 7(a) In case the downloaded tender documents are submitted then the 1st envelope should also contain
 - i) The credentials for meeting the eligibility conditions, cost of tender documents (in the form of DD only) alongwith EMD as said above.
 - ii) The credentials shall be self attested & certified by any BSNL Executive otherwise original documents shall be produced at the time of tender opening.
 - iii) The tenderer shall submit the downloaded original computer print-out of the document from web site. The photocopy shall not be accepted. If during the process of tender finalization, it is detected the tenderer has submitted tender documents after making any change/ additions/ deletions in the tender documents downloaded from web site, the offer shall summarily be rejected & the EMD deposited by the tenderer shall be forfeited in addition to any other action as per prevalent rules.
 - iv) If the credentials are found fake or forged even during the process of scrutiny, the offer shall not be considered at all & EMD shall be forfeited in addition to any other action as per prevalent rules.
 - 7(b) The 2nd cover should contain the tender documents. If the 1st cover is not annexed or tender cost or credentials meeting the eligibility conditions (in case of downloaded tender document) or Earnest Money is not in proper form, the 2nd cover containing tenders will not be opened at all.

Note: (I) 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.

(II) The tender documents shall not be sent through Courier / Post. The tender documents received through Courier /Post shall not be opened / considered at all.

Sub Divisional Engineer (E)
B.S.N.L, ESD - I
Faridabad

GUIDELINES TO FIRMS REGARDING ISO 9001:2000 IMPLEMENTATION

1.0 INTRODUCTION:

- 1.1 Electrical Zone, BSNL, New Delhi has established and maintains the Quality Management system as per the requirements of ISO 9001:2000. The certificate of Registration is issued by the Standardization, Testing & Quality Certification Directorate (STQC), Ministry of Communication & Information Technology, New Delhi, a body accredited by the Dutch Council for Accreditation.
- 1.2 Electrical Zone, BSNL, New Delhi, unit has laid down its Quality policy and Quality Objectives which have to be met for continual improvement of Electro- mechanical services rendered and for maintaining the Quality Management system adopted by this unit.
- 1.3 The firms/contractors, hereinafter called the 'suppliers' in ISO 9001:2000 terminology, may please note that, besides all other terms and conditions referred in various Para's of this N.I.T, they have to make constant efforts for ensuring to meet the requirements as have been laid down by this unit in its Quality Policy and Quality Objectives given as under:

- 2.0 **QUALITY POLICY:** Chief Engineer (Electrical) Electrical Zone, BSNL, New Delhi fraternity, consisting of officers and staff, avows to provide Electro-Mechanical services with Quality, Speed, Economy, Energy Conservation and System Optimization to all its customers and to ensure their continuous and reliable operation.
We are committed to deliver defect free electrical services and will continuously improve our processes to meet the needs of our customers. For this, every individual of Electrical Zone will adhere to ISO 9001:2000 standards and will demonstrate its compliance in all spheres of activities.
The quality objectives are as given below and communicated to all the members of the organization

3.0 QUALITY OBJECTIVES:

- To work hard for planning, designing, installation, testing and commissioning of original Electro-Mechanical works, with quality and on time, so as to meet the customer's requirements.
- To make efforts through a constant dialogue with suppliers and involving of people at all levels to remove all possible irritants during the execution of works. Our endeavor shall be to achieve the above quality objective. Action shall be taken in case of any deviation.
- The Electro- Mechanical works to be completed so that they are accepted by T&D organization/customer. Cases of non acceptance by T&D organization during first testing shall not be more than 5%.
- The works are completed before the customers exchange equipment has reached at site.
- To meet the BSNL Exchange Commissioning Programs- Information to be sent to CE (E) for Exchanges where the equipment is received or likely to be received within 15 days but electrical works not completed not likely to be completed. Acceptance testing shall be done for all works and relaxations, if any, shall be obtained from CE (E)/ concerned CGM.
- Providing International standard Electro-Mechanical services at BSNLHQ. Building, New Delhi- weekly monitoring by SE (E) and any anticipated delay to be reported to CE (E).
- For Administrative Bldgs. And staff Quarters- Works to be completed along with the building. Cases to be reported to CE (E) where electrical works are not likely to be completed along with buildings/quarters not occupied due to non-completion of electrical works.
- Monthly MIS report indicating cases of non-acceptance.

3.1 Operation and maintenance of electrical services

- To ensure reliable energy efficient and continuous operation and maintenance of electrical installations by involving people at all levels.
- To improve testing and checking procedures for Electro-Mechanical installations for their optimum operation and maintenance.

3.2 **For Administrative buildings, training centers, staff quarters and colonies**

- Electrical complaints not attended within 24 hours shall be less than 5%.
- Electrical complaints not attended within 48 hours shall be less than 1%.
- Electrical complaints not attended within 24 hours shall be reported to SE (E) and complaints pending for more than 48 hours shall be reported to CE (E).

3.3 **For Exchanges**

- There shall be no complete breakdown of Electro-Mechanical Services resulting into failure of exchange.
- Complete failure of power supply/Air conditioning system in Exchanges shall be reported immediately to SE (E) and failure of more than 4 hours shall be reported to CE (E).
- Complaints pending for more than 48 hours shall be less than 5% and complaints pending for more than 72 hours shall be less than 1%.
- Complaints pending for more than 48 hours shall be reported to SE (E) and pending for more than 72 hours shall be reported to CE (E).
- Monthly MIS report indicating total number of faults reported, faults attended within 24 hours, 48 hours and 72 hours shall be submitted by SE (E) to the CGM/CE(E).

3.4 **Energy Conservation**

To achieve energy efficiency of global standard by continuously improving the specifications, quality of products, conducting energy surveys and energy audits.

As per the Energy Conservation Act 2001, efforts are required for conservation of energy, by introducing energy efficient lighting and motors, reduction in Air-conditioning space, retrofitting and taking up pilot projects with non-conventional energy sources i.e. Solar Power and Natural Gas.

3.5 **Economy Measures:**

- Award of work:

To provide Electro-Mechanical services with economy by awarding the works to the lowest tenderer at the most competitive and justified rates.

- Energy Conservation:

The energy conservation shall be achieved by adopting following measures:-

- Good House keeping and efficient operations to minimize consumption.
- Energy monitoring to minimize wastage: -
Power failure to be within limit, penal charges on account of HT tariff, contract demand or any other deficiencies in the electricity bills to be avoided.
- Retrofit projects on experimental basis.
- Technological up gradation in new works for energy efficiency.

BHARAT SANCHAR NIGAM LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)
NOTICE INVITING TENDER

Item rate / Percentage tenders are invited on behalf of the CMD BSNL from approved and eligible contractors of CPWD and those of appropriate list of Department of Telecommunications, M.E.S., Railways and Haryana state P.W.D, for the work of **"R/M of EI and fans at various sites under ESD-I Faridabad (SH:- Replacement of faulty C/O Switch at TE Sec- 55 and making Earthing (Neutral) at CMTS Swamika and other Misc. works at various sites under ESD-I Faridabad) "**

- 1.0 The work is estimated to cost **Rs. 32694/-**
This estimate however is given merely as a rough guide.
 - 1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NIT's for calling the tenders. He will also nominate Division, which will deal with all matters relating to invitation of tenders.
For composite tenders, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.
 - 1.2 Tenders will be issued to eligible CPWD as well as non CPWD contractors, provided they produce definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactory completed similar works of magnitude specified below:
Criteria of eligibility for issue of tender documents
 - 1.3 Conditions for NON CPWD contractors only.
 - 1.3.1 For works estimated to cost above Rs 25 lacs : Three similar works each costing not
but upto Rs 2 Crore Less than Rslacs
During the last 5 years.
 - 1.3.2 For works estimated to cost above Rs 2 crores : Three similar works each of value
but upto Rs 5 crores. 40% of estimated cost or two works
of 50% cost or one work of 80% cost
(Rounded off to nearest Rs10 lacs)
in the last 7 years ending last day of
the month previous to the one in
which the tenders are invited.
- Note: Class-II contractors of CPWD shall also be eligible if they satisfy the criteria specified in 1.3.2 above. Conditions for CPWD as well as NON CPWD contractors.
- 1.4.1 For works estimated to cost above Rs 5 crores Tenders shall be invited from pre qualified contractors only. For the purpose of this clause 'similar work' means the works of
 2. Agreement shall be drawn with the successful tendered on prescribed Form No. CPWD-7/8 which is available as Govt. of India Publication, Tendered shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be 15 **Day from the** day after the date of written order to commence the work or from the 1st day of handing over of the site. Whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
4. The site for the work is available.
5. Receipt of applications for issue of tender forms will be stopped by 1600 Hrs four days before the date fixed for opening of tenders. Issue of tender forms will be stopped three days before the date fixed for opening of tenders.
6. The tenderer must produce an Income Tax clearance certificate in the revised form as modified under Ministry of Finance O.M. no - 67/30/69/ITAL dated - 02/07/1970 & as amended from time to time before tender papers can be sold to him.
7. Tenders, which should always be placed in sealed envelope, with the name of work and due date written on the envelopes, will be received by the **SDE (E), B.S.N.L. ELECTRICAL SUB DIVISION-I, FARIDABAD** up to 15:00 hrs on **26 - 11 - 2009** and will be opened by him or his authorized representative in his office on the same day at 15.30 Hrs.
- 8.1. The tender shall be accompanied by earnest money (unless exempted) of **Rs. 654/- (Rs. Six Hundred and Fifty Four ONLY)** In Receipt Treasury Challan / Deposit at call receipt of a scheduled Bank / Demand draft of a scheduled Bank issued in favour of A. O. BSNL Electrical Division Faridabad. The Fixed Deposit Receipt shall be accepted only if it is valid for six months or more after the last date of receipt of tenders and is pledged in the favour of A. O. BSNL Electrical Division Faridabad. A contractor exempted from depositing earnest money in individual cases, shall enclose with the tender an attested copy of the letter exempting him from depositing earnest money. In a manner described for earnest money in condition no 8.2 below, and shall produce the original when called upon to do so.
- 8.2. The tender and the earnest money shall be placed in separate sealed envelopes each marked "Tender" and "Earnest money" respectively. In case where earnest money in cash is acceptable, the same shall be deposited with the cashier of the Division and the receipt placed in the envelope meant for earnest money. The envelope marked "Tender" of only those tenderers shall be opened, whose earnest money placed in the other envelope is found to be in order.
9. The description of the work is as follows: - **"R/M of EI and fans at various sites under ESD-I Faridabad (SH:- Replacement of faulty C/O Switch at TE Sec- 55 and making Earthing (Neutral) at CMTS Swamika and other Misc. works at various sites under ESD-I Faridabad)"** Copies of other drawings and documents pertaining to the work will be open for inspection by the tenderers at the office of the above mentioned officer. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plants, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

10. The competent authority on behalf of the President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without the assignment of any reason. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of the conditional rebate is put forth by the tenderer shall be summarily rejected.
- The competent authority also reserves its right to allow to the Central Government public sector enterprises, joint ventures with CPSE holding 51% equity or more, a purchase preference with reference to the valid price bid where the quoted price is within 10% of such lowest price in a tender other things being equal in case of tenders/ quotations whose date of receipt is upto subject to the estimated cost being of Rs Five Crores and above. The public enterprises who avail benefits of the purchase preference should be subjected to adequate penalties for cost overrun etc.
11. Canvassing whether directly or indirectly, in connection with the tenders is strictly prohibited the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
12. The competent authority on behalf of the President of India reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
13. The contractor shall not be permitted to tender for works in the CPWD circle (Responsible for award and execution of contracts) in which his near relative is posted as Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the DOT / in the Ministry of Communications. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
14. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as contractor for a period of two years after the date of his retirement from Government service, without previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractors service.
15. The tender for the works 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 modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid.
16. The Notice Inviting Tender (CPWD 6) shall form a part of the contract document. The contract shall be deemed to have come into effect on issue of communication of acceptance of the tender in favour of the successful tenderer / contractor. On such communication of acceptance, the successful tenderer / contractor shall within 30 days formally sign the agreement 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) Standard CPWD -7/ 8.

17. For Composite Tender -

- 17.1.1. The tenderer must associate with him agencies of the appropriate class eligible to tender for the other components individually.
- 17.1.2 It will be obligatory on the part of the tenderer to sign the tender documents for all the components.(The schedule of quantities, conditions and special conditions)
- 17.1.3. After the work is awarded, the contractor will have to enter into separate agreements for each component with the Officers concerned.
- 17.2 The Executive Engineer in charge of the major component will call tenders for the composite work. The cost of the tender document and earnest money will be fixed with respect to the combined estimated cost put to tender for the composite tender. Security deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works. The earnest money will become part of the security deposit of the major component of work.
- 17.3 On acceptance of the composite tender by the competent authority the letter of award will be issued by the Executive Engineer in charge of the major component on behalf of President of India, making it clear in the letter of award that the contractor will have to execute separate agreements for different components of work with the concerned Officers of the respective discipline (Designation to be given).

Signature of Sub Divisional Engineer(E)
Electrical Sub Division - I
Faridabad

(For and on behalf of CMD BSNL.)

SCHEDULE OF WORK

NAME OF WORK: - R/M OF EI AND FANS AT VARIOUS SITES UNDER ESD-I FARIDABAD (SH:- REPLACEMENT OF FAULTY C/O SWITCH AT TE SEC- 55 AND MAKING EARTHING (NEUTRAL) AT CMTS SWAMIKA AND OTHER MISC. WORKS AT VARIOUS SITES UNDER ESD-I FARIDABAD)						
S. No.	Description of item	Qty		Rate	Unit	Amount
1	Laying of one number PVC insulated PVC Seathed/XLPE power acble of 1.1KV grade of size exceeding 25 Sqmm. But not exceeding 120 Sqmm. Direct in the ground including excavation, sand cushioning, protective covering and refilling the trench etc. as reqd.(Sarai Khwaja)	68	mtr		mtr	
2	Laying and Fixing on one number PVC insulated and PVC sheathed / XLPE aluminum conductor cable of 1.1 KV grade of Size exceeding 25 sq. mm but not exceeding 120 sq. mm on surface as required	12	mtr		mtr	
3	Replacement of faulty 63 Amp rating 4 Pole on load changeover switch required to operate on 415V, 50 Hz A/C Power supply, front operated in panel mounted, complete in all respect etc. i/c dismantling the faulty one and mounting the new one giving electrical connection etc complete as required (Make Havells or SS make) TE Sec-55	1	Nos		Each	
4	Pdg and making arrangement for the replacement of the following items i/c fixing testing commissioning, etc as required					
I)	40 Amp. DP Isolator	1	No		No	
II)	4 Way SPDB.	1	No		No	
III)	6-32 Amp. SP MCB (Dayalpur)	9	No		No	

IV)	80/20 multi stand copper unarmored 3 core cable (Sarai Khwaja)	11	mtr		mtr	
V)	Extension Strip	2	No		No	
VI)	16 sq. mm unarmored copper cable	2	mtr		mtr	
VII)	2 Way SPDB	1	No		No	
5	Providing and Fixing 25 mm x 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode as required	5	Mtr		Mtr	
6	Providing and Fixing 25 mm x 5 mm GI strip on surface or in recess for connection etc. as required	2	Mtr		Mtr	
7	Earthing with G.I earth plate 600 mm x 600 x 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. i/c extra for using charcoal and salt for G.I. or copper plate earth electro	1	Set		Set	
8	SITC of following capacity of wall mounted torrodial type AVR, with 5 steps transformer with following parameter l/c electrical connection , with input supply & load point with suitable size& length of flexible wire for connection , testing & commissioning etc as reqd. (Sec-12)					
	a) Capacity-5KVA					
	b) Input Voltage -120-280					
	c) Out put Voltage-220+ - 9%					
	d) Time delay relay					
	e) High low voltage cut off	1	No		Each	
9	Supply and laying of following size of PVC insulated PVC sheathed copper conductor power cable on the surface / wall with the help of clamps & saddle etc. complete as required (Ballabgarh)					
I)	2 x 4 sq. mm Cable (Copper Conductor armoured cable)	9	Mtr		Mtr	
10	Supply & Making end termination with brass compression glands & thimble for the following size etc as required (TE Dayalpur)					
a)	3.1/2 x 35 Sq. mm Size	2	Job		Job	
b)	2 x 4 sq. mm Size	2	Job		Job	
11	Supply and drawing the following size of PVC insulated copper wire in the existing M.S. conduit etc as required					
i)	1 x 1.5 sq. mm	9	Mtr		Mtr	

12	Replacement of existing 70 Watt SMVP lamp fitting against 2 x 18 Watt CFL type compound light in consideration of energy conservation required to operate on 230 V, 50 Hz A/C supply complete with chock, CFL fitting & bulb, complete with all accessories and mounting i/c dismantling the existing faulty fitting etc. testing and commissioning etc. complete as required, (Make Crompton SPCL 18 & S.S. Make and Model)	2	No		Each	
13	Less on a/c of dismantled material(Except Item No.12)	-1	Lot		Lot	
				Total : -		

Sub Divisional Engineer (E)
BSNL, ESD – I
Faridabad

TERMS AND CONDITIONS/ SPECIFICATIONS

1. The work shall be carried out as per current specifications.
2. Material should be got approved from the Engineer-in-charge before erection.
3. Work shall be carried out as per specifications and latest I.E. Rules.
4. The material used shall be ISI marked / BSNL approved.
5. Any damage done to the Building by the contractor during the execution of work shall have to be made good at his own risk & cost. If he does not do it within a reasonable time determined by the Engineer-in-charge then the same will be got done at his cost by the department after giving notice to him.
6. Electricity and water will be supplied by the department.
7. Dismantled material will be property of the contractor / department.
8. Work will be supervised by qualified supervisor.
9. The departmental material will be issued from the departmental store. The contractor will make his own arrangement for loading and unloading, cartage etc.
10. The firm shall quote the rate of each item on lump sum basis including all taxes, levies, octroi and works contract tax . No octroi exemption and sales tax certificate should be given by the department.

Sub Divisional Engineer (E)
BSNL, ESD - I
Faridabad

APPROVED MAKES

1	ENGINE	CUMMINS/ KEOL/ CATER PILLAR/ ASHOK LEYLAND/ GREAVES/ VOLVO PENTA (200-500 KVA)/ ESCORTS (UP TO 15 KVA)
2	ALTERNATOR	KIRLOSKAR/ NGEF/ STAMFORD/ LEROY SOMER/ JYOTI LTD. - 50 KVA AND FRAME SIZE PTG 62.5-500KVA) CROMPTON GREAVES - SLIP RING/ BRUSHLESS 6 - 200 KVA AVK-SEGC - UPTO 250 KVA ELGI - 20-380 KVA KEL - BRUSHLESS UPTO 1000KVA ELECTRODYNE - UPTO 100 KVA INTEGRATED LECTRIC CO. (P) LTD. - BRUSHLESS - 7.5 KVA TO 280 KVA
3	ACB (CONFORMING TO IS 13947)	L&T/ SIEMENS/ CONTROLS & SWITCHGEAR GE - MPACT/ SCHNEIDER (CG) / SCHNEIDER (MERLIN GERIN)
4	MCCB (CONFORMING TO IS 13947)	L&T/ GE/ SIEMENS/ CONTROLS & SWITCHGEAR SCHNEIDER (CG) / SCHNEIDER (MERLIN GERIN) HAVELLS-DORMAN SMITH/ MDS LEGRAND - DPX SPACEAGE SWITCHGEAR - HYUNDAI/ BCH-TERASAKI
5	MCB AND ISOLATOR	ISI MARK OF BENTEX/ CLARITON/ HAVELLS/ INDO-KOPP/ STANDARD/ CLIPSAL/ MDS-LEGRAND INTEGRA/ L&T- HAGAR/ SIEMENS/ SCHNEIDER (MERLIN GERIN)/ SCHNEIDER (PROTEC)/ HPL/ BRITE
6	TPN SWITCH AND HRC FUSE/ FUSE BASE	L&T/ GE/ SIEMENS/ HAVELLS/ HH ELCON/ SCHNEIDER (CG)/ STANDARD (UPTO 400A)/ HPL/ ALSTOM/GE/ INDO ASIAN/CONTROLS & SWITCHGEAR/ BCH
7	CONTACTOR	L&T/ GE/ PLA/ (SPRECHER+SCHUH) / SIEMENS/ BCH/ TC (CONTROLS & SWITCHGEAR CONTACTORS)/ TELEMECANIQUE (SCHNEIDER ELECTRIC) / SCHNEIDER (CG)/ HAVELLS
8	CT	AE/ IMP/ MARSHAL/ PACTIL/ KAPPA/ L&T/ ASHMOR/ INDOCOIL/ WACO/ MECO/ INDO TECH/ TRIO/ MELTEK/ NIPPEN
9	PF METER	AE/ IMP/ RISHABH/ MECO/ UNIVERSAL/ NIPPEN/ DIGITRON/ INDO TECH/YOKINS INSTRUMENTS
10	AMMETER / VOLTMETER	AE/ IMP/ UNIVERSAL/ RISHABH/ KACEE/ MECO/ ENERCON/ INDO TECH/YOKINS INSTRUMENTS/NIPPEN
11	FREQUENCY METER	DIGITRON/ RISHABH/ MECO/ KELTRON/ IMP/ AE/

		INDOTECH/ YOKINS INSTRUMENTS/ NIPPEN/ ENERCON
12	KWH METER	SIMCO/ IMP/ UNIVERSAL/ RISHABH/ HAVELLS/ HPL/ NIPPEN
13	SELECTOR SWITCH	L&T/ KAYCEE/ AE / IMP/ THAKOOR/ RECO/ VAISHNO/ SALZOR/ RASS CONTROL/ HPL
14	INDICATING LAMP (LED TYPE)	VAISHNO/ SIEMENS/ L&T/ AE/ IMP/ RASS CONTROL/ TEKNIC/ KAYCEE/ SCHNEIDER (TELE MECANIQUE)/ BCH/ ESSEN DEINKI
15	LEAD ACID BATTERY	EXIDE/ STANDARD FURUKAWA/ AMCO/ PACE SETTER/ NICCO/ PRESTOLITE/ AMAR RAJA/ CROMPTON GREAVES/ HITACHI/ STANFORD/ KIRLOSKAR
16	GI / MS PIPE	ISI MARK PIPE OF BST/ TATA/ ITC/ ATC/ TTA/ JST/ ITS/ JINDAL/ ZENITH/ IIA/ ATL/ GSI
17	AVM PAD	DUNLOP/ POLYBOND/ RESISTOFLEX
18	FIRE EXTINGUISHER	ANY BRAND NAME WITH ISI MARK
19	RUBBER MATTING	ANY BRAND NAME WITH ISI MARK
20	CABLES	ANY BRAND NAME WITH ISI MARK
21	GM VALVE	ISI MARK VALVE OF FOUNTAIN/ TRISHUL/ LEADER/ SANT/ ANNPURNA/ KIRLOSKAR
22	HOOTER	VAISHNO/ MINIMAX/ MELTRON/ KHERA/ AHUJA/ PHILIPS/ MOTWANI/ SILITRONIX/ AGNI DEVICES PVT. LTD. TILAK VIHAR, NEW DELHI. AGNI INSTRUMENT ENGINEERS (I) PVT LTD, OKHLA IND. AREA, PHASE I, NEW DELHI.
23	TRIVECTOR METER	SUNCO/ JAIPUR/ IMP

Sub Divisional Engineer(E)
BSNL, ESD - I
FARIDABAD

CORRECTION SLIP - 1

Addendum / Modification to CPWD-8 and CPWD-6 forms conditions of contract definitions

All reference to: -

- (I). CPWD / Public Work Department / P&T Department.
- (ii). D.G Works Additional Chief Engineer CPWD / Chief Engineer of Zone.
- (iii). Administrative Head of CPWD / P&T Department.
- (iv). CPWD Circle / Civil Circle.
- (v). Ministry of Works, Housing & Supply/D.O.T.
- (vi). Govt. of India / President of India.
- (vii). For and on behalf of President Of India / For and on behalf of Govt. of India.

In various clauses shall be taken to mean:-

- (i). B. S. N. L. (Elect. Wing)
- (ii). Chief Engineer (Electrical), B.S.N.L.
- (iii). Administrative Head of B.S.N.L.
- (iv). B.S.N.L. Electrical Circle
- (v). B.S.N.L. (Govt. of India Enterprises).
- (vi). B.S.N.L.
- (vii). For and on behalf of B.S.N.L.

CORRECTION SLIP-2**ADDITION CORRECTION SLIP CPWD-6 & 7/8 (2003)**

S. No.	Item No	Existing entry/Clause	Modified entry/Clause
1	1. 3 CPWD-6	Criteria of eligibility for issue of tender documents	Deleted Substituted by the Criteria of eligibility for issue of tender documents given in the Web notice
2	5 CPWD-6	Receipt of applications for issue of tender forms will be stopped by 1600 Hrs four days before the date fixed for opening of tenders. Issue of tender forms will be stopped three days before the date fixed for opening of tenders.	Bold portion May Be read as Two days.
3	6 CPWD-6	The tenderer must produce an Income Tax clearance certificate in the revised form as modified under Ministry of Finance O.M. no - 67/30/69/ITAL dated - 02/07/1970 & as amended from time to time before tender papers can be sold to him	Modified as Documentary proof of satisfying eligibility and Copy of acknowledgement of income Tax Return / Chartered Accountant certificate for last three years to be furnished along with the application on printed letter heads
4	8.1 CPWD-6	The tender shall be accompanied by earnest money (unless exempted) of Rs..... (Rs) In cash/ Receipt Treasury challan / Deposit at call receipt of a scheduled Bank/Demand draft of a scheduled Bank issued in favour of..... The Fixed Deposit Receipt shall be accepted only if it is valid for six months or more after the last date of receipt of tenders and is pledged in the favour of..... A contractor exempted from depositing earnest money in individual cases, shall enclose with the tender an attested copy of the letter exempting him from depositing earnest money. In a manner described for earnest money in condition no 8.2 below, and shall found to be in order.	The tender shall be accompanied by earnest money (less exempted) of Rs..... (Rs.....) in CDR/ FDR/ DD/ BG at call receipt of a scheduled Bank/ Demand draft of a scheduled Bank issued in favour of The Fixed Deposit Receipt shall be accepted only if it is valid for FOUR Months or more after the last date of receipt of tenders and is pledged in the favour of A contractor exempted from depositing earnest money in individual cases, shall enclose with the tender on exempting him from depositing earnest money. In a manner described for earnest money in condition no. 8.2 below, and shall found to be in order

5	13 of General Rules & Directions. (CPWD- 6& 7/8)	The contractor, whose tender is accepted, will be required to furnish by way of security Deposit for the fulfillment of his contract, an amount equal to 10 % of the tendered value of the work subject to a maximum of Rs Five lakhs. The security deposit will be collected by deductions from the running bills of the Contractors at the rates mentioned above and the earnest money if deposited in cash at the time of tenders will be treated as part of the security Deposit. The security amount will also be accepted in cash or in the shape of Government securities. Fixed Deposit Receipt and Guarantee Bonds of a scheduled Bank or state Bank of India will also be accepted for this purpose provided confirmatory advice is enclosed.	Bold portion May be read as. Security deposit shall be deducted @ 10%on the Tendered amount including 5% Performance bank guarantee (as per Para 11&12 of Important Terms &Conditions of Contract.
6	15 of General Rules & Directions. (CPWD- 6& 7/8)	Sales-Tax, purchase tax, turn over tax or any other tax on material in respect of this contract shall be payable by the contractor and Government will not entertain any claim whatsoever in respect of the same.	Bold portion May be read as Sales-Tax, purchase tax, turn over tax or any other tax on material & service tax
7	Clause-1 Recovery of Security Deposit. (CPWD- 6& 7/8)	The person /persons whose tender(s) may be accepted (hereinafter called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 10% of the gross amount of each running bill till the sum alongwith the sum already deposited as earnest money, will amount to security deposit of 10% of the tendered value of the work subject to a maximum of Rs.5, 00,000/-	Bold portion May be read as Security deposit shall be deducted @ 10%on the Tendered amount including 5% Performance bank guarantee (as per Para 11&12 of Important Terms &Conditions of Contract.

8	<p>Clause-2 Compensation for Delay. (CPWD- 6& 7/8)</p>	<p>This will also apply to items or group of items for which a separate period of completion has been specified.</p> <p>i)Completion period(as : 1% per day originally stipulated) not Exceeding 3 months. ii)Completion period(as originally stipulated) : 1% per week exceeding 3 months</p> <p>Provided always that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of the item or group of items of work for which a separate period of completion is originally given.</p>	<p>Bold portion May be read as The compensation payable by the firm on account of delay shall be as under: 0.5% of work order value for the first 10 weeks and 0.7 % 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 responsible for the same. Flow chart of the procurement process /contract shall be supplied by the contractor and approved by the Executive Engineer concerned.</p>
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Sub Divisional Engineer (E)
BSNL, ESD - I
Faridabad

PROFORMA OF SCHEDULES

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

SCHEDULE 'A'

Schedule of quantities (as per PWD-3) -----ATTACHED-----

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sr. 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.

-----NIL-----

SCHEDULE 'E'

Schedule of component of Materials, Labour etc. for escalation.

CLAUSE 10 CC NOT APPLICABLE

Component of materials- "X" -----NA-----
expressed as per cent of total value of work. _____%

Component of labour- "Y" -----NA-----
expressed as per cent of total value of work. _____%

Component of P.O.L. - "Z" -----NA-----
expressed as per cent of total value of work. _____%

SCHEDULE 'F'

Reference to General Conditions of contract.

Name of work: - "R/M of EI and fans at various sites under ESD-I Faridabad (SH:- Replacement of faulty C/O Switch at TE Sec- 55 and making Earthing (Neutral) at CMTS Swamika and other Misc. works at various sites under ESD-I Faridabad) "

Estimated cost of work: Rs. 32694/-

EARNEST MONEY: - Rs. 654/-

Security Deposit: 10% of the tendered value subject to maximum of 5 Lakhs

GENERAL RULES: Officer inviting tender
& DIRECTIONS Maximum percentage for quantity
of items of work to be executed
beyond which rates are to be
determined in accordance with
Clauses 12.2 & 12.3. 50%

Definitions: -

2(v)	Engineer-in-Charge	
2(viii)	Accepting Authority	Sub Divisional Engineer (E) BSNL ESD - I, Faridabad
2(x)	Percentage on cost of materials And labour to cover all overheads and profits.	10%
2(xi)	Standard Schedule of Rates	Plinth area rates
2(xii)	Department	BSNL
9(ii)	Standard CPWD contract Form	CPWD form 7/8 as modified & Corrected upto 2003

Clause 2

Authority for fixing Compensation under Clause 2.	Superintending Engineer (E) BSNL Electrical Circle, Ambala
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Clause 5	Time allowed for execution of work	15 Day from the tenth day after award of work
Clause 6	Authority to give fair and reasonable extension of time for completion of work.	Superintending Engineer (E) BSNL Electrical Circle, Ambala
Clause 7	Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.	5000/- for each work
Clause 11	Specifications to be followed for execution of work.	As per Attached
Clause 12		
12.1.2 (iii)	Schedule of rates for determining rates for additional, altered or substituted items that cannot be determined under 12.1.2 (i) & (ii)	-----NA-----
12.1.2 (iii)	Plus/minus the % over the rate entered in the schedule of rates.	-----NA-----
12.1.2 (vi)	A Deviation Limit beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 & 12.3 shall apply	25% (other than AHR & ALR ITEMS)
12.1.2(vi) B(a)	Limit for value of any item of any individual trade beyond which sub-clauses (i) to (v) shall not apply and clauses 12.2 & 12.3 shall apply.	25% (other than AHR & ALR ITEMS)
Clause 16	Competent Authority for Deciding reduced rates.	<u>Superintending Engineer (E)</u> <u>BSNL Elect. Circle, Ambala Cantt._</u>
Clause 36(i)	Minimum Qualifications & Experience required for Principal Technical Representative.	
a)	For works with estimated cost Put to tender more than	
(i)	Rs. 10 Lakhs for Civil work possessing	Graduate or retired AE
(II)	Rs. 5 Lakhs for Elec/ Mech Works.	At least recognized diploma

- b) For works with estimated cost put to tender.
- (I) More than Rs.5 Lakhs but less Than Rs. 10 Lakhs for Civil Works. Recognized Diploma holder.
- (II) More than Rs.1 Lakh but less Than Rs.5 Lakh for Elect/ Mech. Works.
- c) Discipline to which the Principal Technical Representative should belong. Civil / Electrical / Mechanical
- d) Minimum experience of works. 3 years.
- e) Recovery to be effected from the contractor in the event of not Fulfilling provision of clause 36(i) Rs.4, 000/-p.m. for Graduate Rs.2, 000/- for diploma holder.

Clause 42

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

- ii) Variations permissible on theoretical quantities.

- a) Cement for works with estimated Cost put to tender not more than Rs. 5 lakhs. - N.A. -
- for works with estimated Cost put to tender not more than Rs. 5 lakhs. - N.A. -
- b) Bitumen all works. -N.A. -
- c) Steel Reinforcement and structural steel Sections for each diameter, section and category. - N.A. -
- d) All other materials. - Nil. -

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

Sl.	Description of Item No.	Rates in figures and words at which recovery shall be made from the Contractor	
		Excess beyond Permissible Variation	Less use beyond the permissible variation
1.	Cement		
2.	Steel reinforcement		
3.	Structural Sections	<u>- NIL -</u>	
4.	Bitumen issued free		
5.	Bitumen issued at stipulated Fixed price.		

END OF NIT