

भारत संचार निगम लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT SANCHAR NIGAM LIMITED

(A Govt. of India Enterprise)

OFFICE OF THE GENERAL MANAGER TELECOM BELLARY -01

TENDER FOR ANNUAL MAINTENANCE CONTRACT AND ANNUAL REPAIR CONTRACT OF ENGINE ALTERNATORS IN BELLARY TELECOM DISTRICT 2009-10

BID DOCUMENT



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BHARAT SANCHAR NIGAM LIMITED

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OFFICE OF THE GENERAL MANAGER TELECOM BELLARY -01

No.PLG /Tender/EA/2009-10/2 Dated @ BELLARY the 30.05.09

Sealed Tenders are invited by the General Manager Bellary Telecom District, BELLARY for ANNUAL MENTENANACE CONTRACT (AMC) for Maintenance of Diesel Engine Alternators of 40 KVA and above as mentioned in Annexure-II and ARC of Engine Alternators below 40 KVA in BELLARY Telecom District. Different capacity E/A are working in different Exchanges of BELLARY SSA. The Original Equipment Manufacturers (OEMs) OR Original Equipment Suppliers (OESs) OR the Authorised Service Dealers (ASD) of Engine Alternators such as Kirloskar, Greaves, and Cater Pillar are only eligible to participate in the tender. Certificates to show that they are OEMs or OESs or ASD should be enclosed along with tender documents failing which their tenders will be rejected. In case of ASD, dealership should be current and dealership should be from a company which manufactures or supplies all types of Engine alternators minimum up to 100 KVA. Tender document can be had from AGM (PLG) o/o GMTD BELLARY by paying cash/ DD for Rs 575/- Tender document can also be downloaded from website www.karnataka.bsnl.co.in. Those suppliers who are applying through downloaded copy should use original print (Zerox copy not allowed) and also enclose additional DD for Rs 575/towards cost of tender document.

1. SUBMISSION OF Tenders:

1.1 SEALING AND MARKING OF BIDS:

The Bidders are specifically required to submit their offers in three parts, each in different sealed envelopes duly marked as-

- a) "Envelope-A: (i) Bid security (Rs 25,000 /- DD towards EMD) & (ii) DD for cost of bid document for Rs 575/- (in case the tender document is downloaded from our website) "
- b) "Envelope-B: Technical bid".
- c) "Envelope-C: Financial Bid".
 - All the three Covers /envelopes should be submitted in a large cover/envelope.
- 1.2 Above three covers/ envelopes (A, B & C) are to be sealed properly preferably by wax and preferably marked with personnel seal. All the covers shall be kept in one outer cover which will also be preferably wax sealed and marked with personnel seal.
- 1.3 If the envelopes are not sealed and marked as required above, the bid is liable for rejection in tender opening stage itself.
- 1.4 Envelope-A should contain (i) Bid security & (ii) DD for cost of bid document (in case the tender document is downloaded from our website)
- 1.5 Envelope-B should contain the full tender document except financial Bid. The latest price list issued by the manufacturer to the ASDs containing cost of consumables, spares as per the financial bids.

- 1.6 Envelope-C should contain financial bid only i.e. the rates duly quoted by the tenderer in the prescribed format.
- 1.7 If any of the document required to be submitted in envelope-A is found missing the concerned Bid shall be rejected at the opening stage itself and the remaining envelope B & C will not be opened.
- 1.8 The envelopes should be
 - (a) addressed to the following address:

Sri R.L.Asangi ,Asst. General Manager(Plg) O/o GMTD, 2nd floor, Station Road, Bellary - 583 101

- (b) Bear **the Tender Name**, the tender number and the words **`DO NOT OPEN BEFORE**' (due date), and
- (c) Shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared 'late'.
- 1.9 Tenders shall either be sent by registered post/Speed Post / Courier Post or delivered by putting in Tender-Box kept in AGM (PLG) Bellary Chamber. The responsibility for ensuring that tenders are delivered in time would vest with the bidder.
- 1.10 Bid delivered in person shall be delivered to above indicated address **on or before the time hours of due date**. BSNL shall not be responsible if the bids are delivered elsewhere.
- **1.11** The Sealed Tenders super-scribed as "TENDER FOR for ANNUAL MENTENANACE CONTRACT (AMC) for Maintenance of Diesel Engine Alternators of 40 KVA and above as mentioned in Annexure-II and ARC of Engine Alternators of below 40 KVA in BELLARY Telecom District. the cover, and should be addressed to Shri R.L.Asangi , Asst. General Manager (Plg.), O/o GMTD Station Road Bellary-583 101, so as to reach him on or before 1500 hours of 22-06-2009.

Tender should be submitted in two envelopes placed inside a main cover. These envelopes should contain the following

Envelope	Marked on the cover	Contents of Envelope
Envelope-B	Technical bid	Containing documents as per clause 1.5 of Tender application
Envelope-C	Financial Bid	Rates duly quoted by the tenderer in the prescribed format i.e Annexure-I of Tender application(clause 1.6)

On all these envelopes the name of the tenderer and whether "technical" or "Financial" bid must be clearly mentioned and should be sealed (with sealing wax/packing PVC tape). These envelopes are to be placed inside an outer envelope and properly sealed (preferably with sealing wax/packing PVC tape). The tenders, which are not submitted in the above mentioned manner will be summarily rejected and bid will be returned, unopened. All envelopes (3 inner and one outer) must bear the following.

	Tender	for for	ANNUAL	MENTENA	NACE C	ONTRACT	(AMC)	for
Maintenance	of Dies	el Engiı	ne Alterna	tors of 40	KVA and	above as	s mentio	ned
in Annexure-	II and A	ARC of	Engine Al	ternators o	of below	40 KVA	in BELLA	RY
Telecom Dist	rict.		_					

(Tender No	
Name of the Area:-	

The technical bid will be opened first and evaluated. The financial bid of those bidders whose technical bids are declared qualified by the TEC, will be opened on a separate date which will be intimated to the qualified tenderers. The financial bids of nonqualified tenderers will be returned without opening. Date of opening of financial bid will be intimated.

- 1.11 **LATE BIDS:** Any bid received after the deadline for submission of bids prescribed in the tender shall be rejected and returned unopened to the bidder.
- 1.12 Tender should be submitted in the prescribed form which may be obtained in person from the office of the General Manager Telecom District Bellary on cash payment of Rs 575/-(Rs.500/- + Rs.75/- Taxes) at the counter of the office of the G .M.Telecom, Bellary between 10.00 A.M. to 12.30 A.m. on all working days from 01-06-2009 TO 22-06-2009.
- 1.13 The Sealed Tenders superscribed as "TENDER FOR MAINTENANCE OF DIESEL ENGINE ALTERNATORS" on the cover, should be addressed to Shri **R.L.Asangi**, Asst. General Manager (Plg.), O/o GMTD Station Road Bellary-586101, so as to reach him on or before 1500 hours of 2**2-06-2009** by any safe post preferably by speed post. Tender can also be sent by hand to be dropped in the tender box kept for the purpose.
- 1.14 Last date for issuing Tender Form is **22-06-2009 up to 1230 hrs.**
- 1.15 Last date for submission of Tender Form is **1500 hrs of 22.06.2009.**
- 1.16 The Sealed Tenders will be opened by AGM (Plg.) O/o GMTD Bellary or by any Officer authorized by him at **1600** hours on **22-06-2009**, in the presence of such of those tenderers or their representatives who may choose to be present.
- 1.17 The tenderer should have registration certificate under KST/CST/Service Tax.

2.DEPOSITS

- 2.1 Each tender should be accompanied by an EMD of Rs 25,000/- (Rupees Twenty five thousands only) in the form of Demand Draft drawn in favour of the ACCOUNTS OFFICER (CASH) B.S.N.L. o/o GMTD BELLARY. Tender without EMD will be rejected. The EMD. of the successful tenderer will be forfeited if the tender is withdrawn after opening of the tender or fail to execute the agreement as per condition 3.9.
- 2.2 EMD of successful tenderers will be retained with BSNL as Security Deposit during the currency of the tender and EMD of unsuccessful tenderer will be refunded after finalisation of the tender. EMD/SD while in the custody of the BSNL will not carry any interest.
- 2.3 Within Seven days from the receipt of the provisional acceptance letter from this office, in addition to the EMD, the successful tenderer should pay Rs 25000/-towards Additional Security Deposit. Additional S D (ASD) can be paid in the form of Demand Draft in favour of Accounts Officer (cash) BSNL o/o GMTD Bellary, failing which, his EMD will be forfeited to the BSNL BELLARY TD. The EMD / SD amount will not attract any interest during contract period.

- 2.4 The SD will be forfeited to the BSNL without prejudice to any other rights in the following circumstances.
 - a). In the event of contractor failing to observe or perform any of the conditions of the work as set out therein.
 - b). In the event of not complying with orders/instructions issued by the BSNL

3. TERMS AND CONDITIONS

- 3.1 Incomplete and Conditional Tenders will not be accepted.
- 3.2 The Contractor is not allowed to lift any BSNL materials without proper authority/letter from BSNL Officer for lifting materials.
- 3.3 The tender rates once accepted will be valid for a period of one year from the date of acceptance of the tender.
- 3.4 The Contractor shall under no circumstances sublet the Contract.
- 3.5 The BSNL, is not responsible and shall not pay the loss or damage if any caused to Contractor's persons/materials incurred while carrying out the contract.
- 3.6 The Contractor will be responsible for any loss or damage to the BSNL property during attending the Engine Alternators. Contractor himself has to make good the loss at his cost.
- In case of any dispute/matter arising out of this contract, the matter will be referred to the sole arbitration of the GMTD Bellary or any other persons nominated by him whose decision will be final and binding.
- 3.8 Bill should be prepared SDE section wise. If more than one E/A AMC/ARC is completed in a particular SDE Section within a period of one month then a consolidated bill for all such E/A can be submitted but all Service Reports should be enclosed. The Pre-Receipted bill in triplicate along with Service Report(s) and the certificate regarding the satisfactory completion of the work (given on the bill itself)should be submitted within fifteen days after completion of work to the concerned S.D.O./S.D.E. for effecting the payment. The last and final bill should be submitted for payment within One month of the expiry of the tender-contract. Bills received after One month of the expiry of the tender-contract will not be entertained for payment.
- The Successful Tenderer will have to execute an agreement of Contract on stamp paper of Rs. 100/- (Rupees One hundred only).
- 3.10 In case the Contractor fails to meet any of the terms and conditions of this Contract, the GMTD Bellary is at liberty to terminate the Contract and forfeit EMD/SD in favour of the BSNL.

- 3.11 The GMTD Bellary reserves the right to reject any or all Tenders in full or part without assigning any reasons and it is not binding on him to accept the lowest tender only. More than one tender may be accepted by him.
- 3.12 No BSNL employee can submit the Tender against this Tender notice directly or can associate indirectly with the tenderer.

3.13 A) The terms and conditions of AMC - Maintenance of Engine alternators are as follows (40 KVA E/A and above)

- 1. Service charges for AMC are to be quoted. Spare parts if any required to be replaced will be paid separately by BSNL, as per the prevailing rates issued by company with the prior approval of GMTD Bellary
- 2. The Contractor has to visit at an interval of once in three months plus extra visits on emergency without any extra charges. The information regarding any emergency shall be by telephone or by telegram / Fax. Any faults noticed during the visit should be attended immediately.
- 3. The generator set should be restored to working condition within 72 hours of informing the fault failing which a penalty of 5% of the AMC/ARC charges quoted will be imposed against the contractor.
- 4. The contract charges will be paid quarterly after completion of each quarterly term.

B) The terms and conditions of Annual Repair Contract of-ARC of E/A less than 40 KVA are as follows.

- 1. The Contractor has to visit within 48 Hours after receiving repair call from field officers through phone/ telegram/ Fax etc. Any faults noticed during the visit should be attended immediately.
- 2.The E/A unit should be restored to working condition within 72 hours of informing the fault in case of all types of faults except the cases of Top Overhauling. For such cases quotation to be given and after approval from GMTD Office Bellary, repair work to be carried out. A penalty of 5% of the Repair charges quoted will be imposed against the contractor subject to a maximum Rs. 500/- in case of delay beyond 72 hours in attending faults and restoration of E/A to working condition.
- 3.The contract repair charges will be paid after completion of each repair work S.D.E./Station wise. Following Terms and Conditions are common for both AMC and ARC of respective E/As.
- 4.The cost of consumables like air filters, oil filters, diesel filter ,coolant (for water cooled E/A),lubricating Engine oil, will be paid separately by BSNL as per the approved rates in Part II. For any spares replaced charges will be paid separately by BSNL as per the latest price List supplied by company to the tenderer. Prior approval is to be taken for replacing major spares such as AVR, Dyanamo, Starter, etc which are costing more than Rs 1000/-. The required labour assistance has to be arranged by the contractor. The labour charges required to lift the spares to work shop for necessary repairs will have to be borne by the tenderer only. The tenderer should

pay the work shop charges at his cost only. The tenderer should not charge any transportation charges for carrying consumables /Spares.

- 5 . Major works listed below are not covered under this contract.
- A)Top overhaul of Engine alternator .For those E/A which have completed 3000/2000 Hours of running for 40 KVA and above, and less than 40 KVA ,service charges applicable will be as per the rates quoted in Part –III of the financial Bid. However after opening of the E/A the tenderer has to examine the E/A and submit proposal for the parts to be replaced, workshop charges etc for completing the Top Overhaul lob
- B) Complete overhaul of the Engine alternator. However these works at 5A & 5B above shall be carried out at an extra cost ,at a mutually agreed rate.
- 6 .Control panel works shall be carried out at extra cost, as mutually agreed.
- 7. This contract does not include any repairs resulting from calamities and vandalism.
- 8. BSNL staff will carry out routine Maintenance like lubricant oil level, coolant level, battery maintenance and belt tensions checks etc.
- 9 .During the visit the following works should be carried out by the tenderer. If any of the parts require to be replaced, it should be replaced.
 - i. Cleaning of the Air filters
 - ii. Checking & adjusting of valve tappet clearance.
 - iii. Checking of lub oil filters.
 - iv. Checking of lub engine lubrication system.
 - v. Checking and tightening of all bolts and nuts.
 - vi. Checking of the charging system of the battery.
 - vii. Checking of "V" belt and adjusting the tension.
 - viii. Checking of flexible rubber coupling.
 - ix. Checking of exhaust turbo charger.
 - x. Checking of fuel injector.
 - xi. Cleaning of the breather pipe and refilling the engine oil in the fuel injector pump.
 - xii. Tenderer has to check the fuel efficiency in his each quarterly visits and has to maintain as per standards and should mention the value in **"SERVICE REPORTS".**
 - xiii. Any other work that is necessary to keep E/A in good working condition.

Apart from above if any fault is noticed it should be attended and the E/A should be kept under working conditions at all times. All E/A should be made over to the concerned Officers (SDE/JTO) in working conditions on the last day of validity of the tender. In case it is left faulty the same will be got attended from other agencies and cost will be recovered from EMD /SD. For release of EMD/SD a certificate should be obtained from concerned SDEs that E/A was working satisfactorily on the last day of the tender validity.

10)) Regarding Consumables for maintenance of E/A :Details of Consumables quantity required for different capacity E/A with their periodicity for replacement as recommended by manufacturer namely Kirloskar / Greaves etc should be enclosed to the tender document. The recommended manufacturer's fuel efficiency chart also to be enclosed to the tender in the proforma given below.

- i) Recommended oil change for the period
- a) 250 Hours of running or 12 months from the date of previous oil change
- ii) Quantity of Lubricating Engine Oil required during change of Oil is to be furnished by the tenderer as per standard specification to be enclosed as supporting document in the proforma given below.

S. No.	Consumable item		Recommended quantity of consumables and recommended periodicity Prescribed for Kirloskar / Greaves etc make E/A IN KVA										
		7.5	10	15	25	30	35	40	50	55	60	63	125
	Quantity	59	7	3	22	3	1	13	1	1	1	2	1
1	Engine oil												
2	Lube oil filter												
3	Fuel filt(P)												
4	Fuel filt (M)												
5	Coolant												
	(For water Engines)												

iii) Recommended fuel efficiency of the manufacturer

Sno.	Capacity of Engine alternator	Make of E/A	Diesel consumption Per hour
01.	7.5 KVA Single Phase		
02.	10 KVA Single Phase		
03.	15 KVA Single Phase		
04.	25 KVA Three Phase		
05	30 KVA Three Phase		
06	36 KVA. Three Phase		
07	40 KVA. Three Phase		
08	50 KVA Three Phase		
09	55 KVA Three Phase		
10	60 KVA Three Phase		
11	63 KVA Three Phase		
12	125 KVA Three Phase		

- 3.14 GMTD Bellary authorised representative can reject the claim for any part of work not carried out as per BSNL standards.
- 3.15 BSNL is not liable for any additional work carried out without previous sanction or not provided for in the Work Order or in the Estimate but carried out by the Contractor without prior written sanction of the Officer accepting the Tender.
- 3.16 Contractors also should intimate the name of persons who are working under him in any capacity or subsequently employed by him and who are near relatives of Gazetted Officers in the BSNL. Contractors who have the near relatives posted as Gazatted Officers or J.A.O./J.T.O. in the Karnataka Telecom Circle are not permitted to tender against this notice inviting tender. No one connected with or in the employment of the BSNL/DOT shall ever be admitted as a partner of the contractor.
- 3.17 The contractor shall at his own responsibility arrange to get necessary license from the Asst. Labour Commissioner (Central) Bellary, required under Contract Labour (Regulation and Abolition) Act-1970 and to abide by the provisions of the said act. The contractor shall observe all labour regulations while employing his labourers. No labourer below the age of 18 years shall be employed on the

- works. The contractor shall be responsible for issuing protective devices like A.C. line tester, rubber hand gloves, shoes with rubber soles, safety belts, safety helmets etc., to the labourers working under him while on work.
- The contractor shall observe all the rules regarding wages to the labours, protection of life, health and sanitary arrangements of the workers employed by him and pay the required compensation to them payable under the Workman Compensation Act 1923 for injuries or disabilities or death caused in the process of execution of work. In every case on which, by virtue of provisions in the Section 12 subsection (1) on the Workmen's Compensation Act 1923, where the BSNL is obliged to pay compensation to a workman employed by the contractor for execution of the work, the BSNL will recover the amount of compensation so paid from the security deposit or from any sum due from the BSNL to the contractor, whether under this contract or otherwise. In such cases the decision of the labour commissioner of the locality will be final and binding. The contractor shall abide by all labour laws / acts, and he shall be responsible for payment of EPF/Insurance etc, in respect of the workers engaged by him.
- 3.19 The validity period of this tender will be ONE YEAR from the date of final confirmation of the acceptance of tender.
- 3.20 Service Tax & VAT :The present rates declared by the Government are to be quoted in the tender. Any variations made by the Government in respect of these taxes in future are also applicable for this tender.

3.21 COURT JURISDICTION:

- (i) Any dispute arising out of the tender/bid document/evaluation of bids/issue of APO shall be subject to the jurisdiction of the competent court at the place from where the NIT/ tender has been issued.
- (ii) Where a contractor has not agreed to arbitration , the dispute/claims arising out of the contract /PO entered with him shall be subject to the jurisdiction of the competent court at the place from where contract/PO has been issued. Accordingly, a stipulation shall be made in the contract as under

"This contract/PO is subject to jurisdiction of Court at Bellary only".

4. DEDUCTION OF TAXES

The bills of the contractor will be paid after deduction of the statutory taxes as applicable, after certification of satisfactory completion of work by the concerned SDEs/DEs.

5. ARBITRATION

In the event of any question, dispute or difference arising under this agreement or in connection therewith except as to matter the decision of which is specifically provided under this agreement, the same shall be referred to the sole arbitration of the General Manager Telecom, BSNL BELLARY or by any person appointed by the said officer. The agreement to appoint the arbitrator will be in accordance with the Arbitration and consolation Act-1996.

- i) Successful tenderer has to submit the address ,phone no, Fax no etc so that the field
 - officers can submit Work Orders.
 - ii) In case the prices of spares are revised(Upward / Downward revision) by the manufacturer/Company then the revised Price list is to be supplied by the $\,$ tenderer $\,$
- to the AGM(PLG) O/O GMTD BSNL BELLARY. Latest price list rates are only valid.
- 7) Evaluation of tender :A)FOR AMC :-In evaluating L1 in part I the total quantum will be taken and for part II & III will be based on unit rate only and all put together (Part I + II + III) L1 will be decided .

B)FOR ARC : L1 will be decided based on the lowest rate quoted in part IV for sl no 1& 2 put together. 8)DOCUMENTS

- 8.1 Documents to be enclosed to the tender document at the time of submission of tender.
 - a) The certificate to show that the tenderer is the original manufacturer or OES or Authorised dealer/Authorised service dealer. Dealership should be current. Copy of registration certificate under Service Tax.
 - b) DD for Rs 25,000/- in the name of Accounts Officer (Cash) BSNL o/o GMTD BELLARY.
 - c) Cost of tender document of Rs 575/- in case the tender is down loaded from web site.
 - d) Manufacturer's technical specifications for fuel efficiency (Consumption of Diesel per hour running of Engine), quantum of Engine oil for Oil changing and quantity of consumables to be provided during oil change.
 - e) Latest Price list of all Spares issued by respective companies for all capacities E/A from 7.5 KVA to 100 KVA.

Asst. General Manager (Plg.) O/o G M Telecom BELLARY

Annexure I (FINANCIAL BID)

From: To: R.L.ASANGI

AGM (Plg.)
o/o GMTD Bellary

I/We hereby quote the rates as mentioned below in the following proforma with reference to your Tender Notification No. No. No.PLG /Tender/EA/2009-10/2 Dated @ BELLARY the 30-05-2009 As per the conditions I/We am/are ready to carry out the maintenance of engine alternators AMC of E/A of 40 and above , ARC of Less than 40 KVA and supply consumables/Spares.

Part I: Rates for AMC (For 40 KVA and above)

Sno.	Capacity of Engine alternator	Qty	Service charges for AMC in figures & words per E/A per annnum excluding Service Tax	Service Tax applicable	Total Service charges for AMC per E/A including Service Tax in fig & words
01.	25 KVA	22 Nos			
02	30-35 KVA	04 Nps			
03.	40 KVA.	13 Nos			
04.	50 -55 KVA .	2 No			
05.	60-63 KVA.	03 Nos			
06	125-KVA.	01 No			

Part II) Rates for Consumables.

S.	Consumable		Rate per E/A of Kirloskar / Greaves etc make E/A IN KVA										
No.	item	(Incl	uding	VAT)									
		7.5	10	15	25	30	35	40	50	55	60	63	125
	Quantity	59	7	3	22	3	1	13	1	1	1	2	1
1	Engine oil												
2	Lube oil filter												
3	Fuel filt(P)												
4	Fuel filt (M)												
5	Coolant												
	(For water												
	Engines)												

PART III) A) Rates of servicing Charges for Top Overhaul (T O) (Excluding cost of spares to be replaced) for Those Engines which have completed 3000 Hours running for 40 KVA above & 2000 Hours for less than 40 KVA

Sno.	Capacity	Rates Of Service	Rates	Total Rate of TO
	of Engine alternator	Charges for TO in	Of proposed	Including Service Tax Per E/A in fig &
		figures per E/A	Service Tax	words
		excluding Service Tax &		
		Spares		
01	7.5 KVA			
02	10 KVA			
03	15 KVA			
04	25 KVA			
05	30 KVA			
06	35 KVA			
07	40 KVA			
08	50 KVA			
09	55 KVA			
10	60 KVA			
11	63 KVA			
12	125 KVa			
13	160 KVA			
14	250 KVA			

PART III) B) Rates of servicing Charges for Complete Overhaul (C O) (Excluding cost of spares to be replaced)

Sno	Capacity	Rates 0f Service Charges	Rates of	Total Rate of CO
	of Engine alternator	for CO per E/A	proposed	Including Service Tax Per
		excluding	Service Tax	E/A in fig & words
		Service Tax & Spares		
01	7.5 KVA			
02				
	10 KVA			
03				
	15 KVA			
04				
	25 KVA			
05				
	30 KVA			
06				
	35 KVA			
07				
	40 KVA			
80				
	50 KVA			
09				
	55 KVA			
10				
	60-63 KVA			
11				
	125 KVA			

Part IV: Rates for ARC (For less than 40 KVA)

Sno.	Nature of Work	Rate for 7.5 KVA	Rate for 10 KVA	Rate for 15 KVA
01.	Service charges for Inspection/ Testing and Estimation			
02.	Service Charges for changing of Oil and replacing consumable items(excluding cost of Consumables)			

I am enclosing DD for R	sdtd	drawn from the bank
Place: Date:		Signature of the contractor Name:
		Telephone No: Address:

ANNEXURE-II

<u>Details of Diesel Engine Alternators.</u>

Sno.	Capacity	Fixed	Mobile	Total
	of Engine alternator			
01	7.5 KVA Single Phase	59		59
02	10 KVA Single Phase	7		7
03	15 KVA Single Phase	3		3
04	25 KVA Three Phase	22		22
05	30 KVA Three Phase	3		3
06	35 KVA Three Phase	1		1
07	40 KVA Three Phase	13		13
08	50 KVA Three Phase	1		1
09	55 KVA Three Phase	1		1
10	60 KVA Three Phase	1		1
11	63 KVA Three Phase	2		2
12	125 KVA Three Phase	1		1

${\sf E/A}$ are working in various major exchanges of BSNL, Bellary SSA mentioned in Annexure — III.

SI no	Capacity of	Name of the Place	Quantity
	E/A		
1	125 KVA	Sirguppa	1
2	63 KVA	Bellary RC colony	1
3	63 KVA	Sandur	1
4	60 KVA	Harapanhalli	1
5	55 KVA	TB Dam	1
6	50 KVA	Kudligi	1
7	40 KVA	Bellary Contonment	2
8	40 KVA	Bellary Ganhinagar	1
9	40 KVA	Bellary Shastrinagar	1
10	40 KVA	Bellary APMC	1
11	40 KVA	Kudathini	1
12	40 KVA	Hospet MJ Nagar	1
13	40 KVA	Kamalapur	1
14	40 KVA	Mariyammanahalli	1
15	40 KVA	Huvinahadagali	1
16	40 KVA	Donimalai	1
17	40 KVA	Torangallu	1
18	40 KVA	Tekkalakote	1
19	35 KVA	Kottur	1
20	30 KVA	HB Halli	1
21	30 KVA	Kampli	1
22	30 KVA	Kurugodu	1
23	25 KVA	Hagari	1
24	25 KVA	Moka	1
25	25 KVA	Telgi	1
26	25 KVA	Itagi	1
27	25 KVA	Hirehadagali	1
28	25 KVA	Badanahatti	1
29	25 KVA	Dammur	1
30	25 KVA	Emmiganur	1
31	25 KVA	Kallukamba	1
32	25 KVA	Karur	1
33	25 KVA	Sirigere	1
34	25 KVA	Kammarachedu	1
35	25 KVA	Hamapasagar	1
36	25 KVA	Neelagunda	1
37	25 KVA	Uchhangidurga	1
38	25 KVA	Devasamudra	1
39	25 KVA	Sanapura	1
40	25 KVA	Sogi	1

41	25 KVA	Ujjini	1
42	25 KVA	SD Halli	1
43	25 KVA	Daroji	1
44	25 KVA	Mattihalli	1
45	15 KVA	Hospet JP Nagar	1
46	15 KVA	Ramasagar	1
47	15 KVA	Banvikal	1
48	10 KVA	Gudekota	1
49	10 KVA	Chikkajogihalli	1
50	10 KVA	K.Hoshalli	1
51	10 KVA	Metri	1
52	10 KVA	Magala	1
53	10 KVA	Huralihal	1
54	10 KVA	K.Veerapura	1
55	7.5 KVA	Bevinahalli	1
56	7.5 KVA	Chellagurki	1
57	7.5 KVA	Jalihal	1
58	7.5 KVA	Kappagal	1
59	7.5 KVA	Kolagallu	1
60	7.5 KVA	Korlagundi	1
61	7.5 KVA	Mincheri	1
62	7.5 KVA	Somasamudra	1
63	7.5 KVA	Sridharagadda	1
64	7.5 KVA	Vannenur	1
65	7.5 KVA	Y.Budhihal	1
66	7.5 KVA	Bachigondanahalli	1
67	7.5 KVA	Hansi	1
68	7.5 KVA	Kogali	1
69	7.5 KVA	Morigere	1
70	7.5 KVA	Tambrahalli	1
71	7.5 KVA	Ulavatti	1
72	7.5 KVA	Uppinayakanahall	1
73	7.5 KVA	Arasikeri	1
74	7.5 KVA	Bandri II	1
75	7.5 KVA	Chigateri	1
76	7.5 KVA	Gundagatti	1
77	7.5 KVA	Halawagalu	1
78	7.5 KVA	Hiremagalgere	1
79	7.5 KVA	Kambath halli	1
80	7.5 KVA	Kanchikeri	1
81	7.5 KVA	Madhihall	1
82	7.5 KVA	Nandibevoor	1
83	7.5 KVA	Gadiganur	1
84	7.5 KVA	Garga Nagalaur	1
85	7.5 KVA	Papinayakanahalli	1
86	7.5 KVA	Suggenahalli	1
87	7.5 KVA	Hiremallanakere	1

88	7.5 KVA	Holalu	1
89	7.5 KVA	Kombli	1
90	7.5 KVA	Nagatibasapur	1
91	7.5 KVA	Uttangi	1
92	7.5 KVA	Harakabhavi	1
93	7.5 KVA	K.Ayyanahalli	1
94	7.5 KVA	Nimbalageri	1
95	7.5 KVA	Timmalapur	1
96	7.5 KVA	Tulahalli	1
97	7.5 KVA	Virapura	1
98	7.5 KVA	H.Veerapura	1
99	7.5 KVA	Sindhageri	1
100	7.5 KVA	Vaddatti	1
101	7.5 KVA	Yerrangali	1
102	7.5 KVA	Bandri-i	1
103	7.5 KVA	Chornur	1
104	7.5 KVA	Nandihalli	1
105	7.5 KVA	Taranagar	1
106	7.5 KVA	Yeshawantapur	1
107	7.5 KVA	Balkundi	1
108	7.5 KVA	Bagewadi	1
109	7.5 KVA	Hatcholi	1
110	7.5 KVA	Kududarehalu	1
111	7.5 KVA	Nittur	1
112	7.5 KVA	Raravi	1
113	7.5 KVA	Talur	1

<u>Summary:</u>

1) 125 KVa	1
2) 63 KVA	2
3) 60 KVA	1
4) 55 KVA	1
5) 50 KVA	. 1
6) 40 KVA	13
7) 35 KVA	. 1
8) 30 KVA	3
9) 25 KVA	
10) 15 KVA	
11) 10 KVA	7
12) 7.5 KVA	59
Total 1	14