

O/O GMTD SHIMLA HP

E-Tender Document

Tender for Repair & Servicing of various capacity DEA sets in the jurisdiction of Shimla SSA on call Basis.

Date of online Submission:21.02.2017

Tender Document Cost: Rs 569/- (Inclusive VAT)

(SECTION I)

BHARAT SANCHAR NIGAM LIMITED

Office of the General Manager Telecom District Shimla (H.P.)

Detailed-NIT-No.2-150/Tender/DGRepair&Servicing/Bldg./2017-18/5 Dated:- 21.01.2017

NOTICE INVITING TENDER

E- Tenders are invited by the General Manager Telecom District Shimla for and on behalf of BSNL from experienced contractors for below noted items in the jurisdiction of Shimla-SSA comprising of various sub divisions as mentioned below:

Section No.	Description of work	Estimated Cost approx. in Rs.	EMD approx. in Rs.	Cost of Tender form Rs.
Section-I	Repair & Servicing of various capacity DEA sets at Telephone Exchanges/ Non USO BTS Sites under the jurisdiction of DET SHIMLA & ROHRU on call Basis.	750915.00	18773-00	
Section-II	Repair & Servicing of various capacity DEA sets at Telephone Exchanges/ Non USO BTS Sites under the jurisdiction of DET RMB & DE(indoor) on call Basis.	662612.00	16565-00	
Section-III	Repair & Servicing of various capacity DEA sets at Telephone Exchanges/ Non USO BTS Sites under the jurisdiction of DET RECKONG PEO on call Basis.	532812.00	13320-00	569-00
Section-IV	Repair & Servicing of various capacity DEA sets at USO BTS Sites in Shimla SSA on call Basis.	522005.00	13050-00	

Intending eligible bidders may visit https://www.tenderwizard.com/BSNL and submit bid

Period of contract: One Year and is extendable further for one more year. **Schedule to the invitation of Tender**

- 1. Designation and address of the authority inviting tender AGM (Operation) O/o GMTD Shimla (HP)-171009
- 2. Time and last date of issue of Bid Document ----- 15.00 Hrs of 21.2.2017
- 3. Time and Date of online submission of Tender/Bid ------17:00 Hrs of 21.2.2017
- 4. Time and Date of submission of bid (Hard Copy) ------ 14:30 Hrs of 22.2.2017
- 5. Time and date of opening of Tender (Technical Bid) ----- 15:00 Hrs. of 22.2.2017
- 6. Minimum Validity of Tender offer ------ 150 days from the date of opening. Properly sealed bid is also to be submitted to AGM (Operation) O/o GMTD Shimla consisting of EMD, Bid cost before time of opening of bid. Documents uploaded will be treated as final for evaluation, however their correctness can be verified by department.

Bid will be rejected if any required document is not uploaded.

2 Eligibility Condition: The prospective bidders should satisfy following conditions

He should have completed similar work in BSNL/MTNL/PSU/Govt. department as per detail given below during last seven years ending last day of month previous to one in which the tenders are invited:

- I. Three similar completed works each costing not less than the amount equal to 40% of estimated cost of the section for which he applies. OR
- II. Two similar completed works each costing not less than the amount equal to 50% of estimated cost of the section for which he applies. OR
- III. One similar completed works costing not less than the amount equal to 80% of estimated cost of the section for which he applies.

The Experience certificate should be issued by an officer not below than the rank of STS or Equivalent.

The payment of Bid Security (EMD) will be accepted in the form of crossed demand draft on any scheduled bank in favour of Accounts Officer (Cash), BSNL, Office of the General Manager Telecom Distt, SHIMLA, payable at SHIMLA. If the date of opening of the tender happens to be a holiday, the tender will be opened on the next working day.

The tender, which is not accompanied by the requisite Bid Security, shall be summarily rejected. In_addition to this tender document not accompanied with the cost of bid document will summarily be rejected. The tenderer shall furnish a declaration to this effect that no addition/deletion/correction have been made in the tender document submitted and it is identical to the tender document appearing in the website Tender will not be accepted/ received after expiry date and time. GMTD SHIMLA reserves the right to reject any or all tenders without assigning any reason whatsoever.

AGM (Operation)
O/O GMTD Shimla
Phone no. 0177-2622970

Important Instruction to Bidders For Regarding Online Tendering (E-Tendering):-

Bidder is required to have class 3 digital signature certificate (DSC).

Every bidder has to get himself registered on www.tenderwizard.com/BSNL. He has to pay online

registration charges depending on his category to M/s ITI Limited (tenderwizard.com) while having registration. The payment will be made online.

For Registration: open website www.tenderwizard.com/BSNL >> Register Me >> Read Instruction Carefully >> Fill Form >> Upload Credential Documents >> Make Registration Charges Payment >> Save Acknowledgement >> Send request Letter on your letter pad (scanned

copy) alongwith the documents you uploaded while having registration through email to twhelpdesk680@gmail.com to activate your User Id.

After sending of request letter and other documents by you, your user id will be activated within one working day and you will be intimated through email. After activation of your user id you will be able to login.

To request for tender documents and participate in tender, bidder has to request/apply online through www.tenderwizard.com/BSNL.

For any help, please contact on 011-49424365 or 0172-3953753. A user manual for vendor (bidder) is also available. (Home page >>Click to view latest circulars / Formats / Manuals >> General >> Vendor Manual_New Version >> Vendor_Detailed_HELP_MANUAL_BSNL.) Bidder has to pay online registration fees to ITI Limited as prescribed at www.tenderwizard.com/BSNL

for getting registered for e-tendering. Other than that bidder has to pay processing fees as applicable

for each tender depending on the estimated cost of the tender which can be viewed online on www.tenderwizard.com/BSNL.

The bid can only be submitted after uploading mandatory documents like Demand draft for bid document cost and EMD in favour of Account Officer (Claim) Office of the GMTD Shimla (HP).

AGM (Operation)
O/O GMTD BSNL Shimla

SECTION -II INSTRUCTIONS FOR THE BIDDER

1. **DEFINITIONS**

- (A) "The BSNL." means the Bharat Sanchar Nigam Limited
- (B) "The Bidder" means the individual or firm who participates in the tender and submits its bid.
- (C) "DEA" means Diesel Engine Alternator.

2. ELIGIBLE BIDDERS

As per Clause 7

3. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of the bid. GMTD SHIMLA will, in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the biding process.

4. AMENDMENT OF BID DOCUMENTS

- **4.1** At any time, prior to the date of submission of Bids, the BSNL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify bid documents by amendments.
- 4.2 The amendments shall be notified in writing or by FAX to all prospective bidders on the address intimated at the time of purchase of the bid document from the BSNL and these amendments will be binding on them.
- 4.3 In order to afford prospective bidders a reasonable time to take the amendment into account in preparing their bids, the BSNL may, at its discretion, extend the deadline for the submission of bids suitably.

5. BID FORM

The bidder shall complete the bid form and appropriate Price Schedule furnished in the Bid Documents as per section VI

6. BID PRICES

6.1 The bidder shall give the total composite price inclusive of all Levies & Taxes except service tax which will be payable extra as applicable, under the contract as per the price schedule given in Section VI. . The offer shall be firm in Indian Rupees.

- 6.2 The price quoted by the bidder shall remain fixed during the entire period of contract and shall not be subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non responsive and rejected.
- 6.3 The prices quoted by the bidder shall be in sufficient detail to enable the BSNL to arrive at the price of items offered.

7. DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATION

- 7.1 <u>List of documents to be scanned and uploaded within the time period of bid submission:</u>
 - i) Demand Draft of bid security & cost of tender document in favour of Accounts Officer (Cash) BSNL % GMTD SHIMLA payable at SHIMLA.
 - ii) Complete signed Bid form
 - iii) Proof of experience. The experience certificate should be duly attested .
 - iv) Service tax registration & PAN No.
 - v) Detail of civil suit /litigation/arbitration entered into, if any.
 - vi) Attested copy of registration with EPF authorities or affidavit for EPF registration.
 - vii) Original power of Attorney duly notarized in case person other than the tenderer has signed the tender documents.
 - viii) Registration of firm, partnership deed, in case of partnership firm .
 - ix) Declaration as per NIT in respect of downloaded document that nothing has been tampered.
 - x) The bidder should submit following details for e-payment :-
 - (a) Name of Bank:
 - (b) Branch:
 - (c) A/c No.:
 - (c) IFS code:

Also attach the copy of cancelled blank cheque of the above mentioned

A/c.

- xi) An undertaking to be submitted by the bidder that the repair work should executed through technically skilled workers.
- xii) An undertaking to be submitted by the bidder about the genuineness and correctness of all documents and certificates submitted along with the bid The onus of providing genuineness of the submitted documents would rest with the bidder.
- 7.2 Tender without any of the above document is be liable for rejection.
- 7.3 A gazetted officer from Central/State Govt must attest all the documents. Unattested documents shall not be entertained. In case of self attestation the original should be checked during evaluation.
- 7.4 Tender will be opened in the presence of those bidders/their representatives who may wish to be present at their own cost.
- 7.5 Only one person either bidder or his representative will be permitted to be present while opening of the bids.

Signature of bidder

- 7.6 In case of holiday on dates given above, next working day will be treated for the purpose.
- 7.7 Any bid received by the BSNL after the scheduled time for submission of bids shall be rejected and returned unopened to the bidder.

8. BID SECURITY

- 8.1 The bidder shall furnish, as part of his bid, a bid security as per NIT.
- 8.2 The bid security is required to protect the BSNL against the risk of bidder's conduct, which would warrant the forfeiture of bid security pursuant to Para 8.6.
- 8.3 The bid security shall be in the form of a bank draft issued by a scheduled bank in favour of Accounts Officer (Cash) O/O GMTD SHIMLA, payable at SHIMLA
- A bid not secured in accordance with Para 8.1 & 8.3 shall be rejected by the BSNL being non-responsive at the bid opening stage.
- 8.5 The bid security of the unsuccessful bidder will be discharged/returned as promptly as possible but not later than 30 days after the expiry of the period of the bid validity prescribed by the BSNL pursuant to clause 9.
- 8.6 The bid security may be forfeited:
- (a) If the bidder withdraws his bid during the period of bid validity specified by the bidder in the Bid form or
- (b) In the case of successful bidder, if the bidder fails:
- (i) To sign the contract in accordance with clause 17 or
- (ii) To furnish Security deposit in accordance with clause 16.
- (c) In both the above cases, i.e. 8.6 (a) & (b), the bidder will not be eligible to participate in the tender for same item for one year from the date of issue of acceptance letter. The bidder will not approach the court against the decision of BSNL in this regard.
- 8.7 He should hold a valid Service Tax Registration in favour of the firm.

9. PERIOD OF VALIDITY OF BIDS

- 9.1 Bid shall remain valid for 150 days from the date of opening of bids. Any bid with shorter validity period will be rejected.
- 9.2 In exceptional circumstances, the GMTD SHIMLA may request the consent of the bidder for an extension to the period of bid validity. The request and the response thereto shall be made in writing. The bid security provided under clause 8 shall also be suitably extended. The bidder may refuse the request without forfeiting his bid security. A bidder accepting the request and granting extension will not be permitted to modify his bid.

10. CLARIFICATION OF BIDS

To assist in the examination, evaluation and comparison of bids, the GMTD SHIMLA may, at its discretion ask the bidder for the clarification of its bid. The request for the clarification and the response shall be in writing. However, no post bid clarification at the initiative of the bidder shall be entertained.

11. PRELIMINARY EVALUATION

- 11.1 BSNL shall evaluate the bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed and whether the bids are generally in order.
- Arithmetical errors shall be rectified on the following basis. If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the BSNL shall correct the total price. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of the errors, his bid shall be rejected.
- 11.3 Prior to the detailed evaluation pursuant to clause 12, the BSNL will determine the substantial responsiveness of each bid to the Bid Document. For purposes of these clauses, a substantially responsive bid is one, which confirms to all the terms and conditions of the Bid Documents without material deviations. The GMTD SHIMLA determination of bid's responsiveness shall be based on the contents of the bid itself without recourse to extrinsic evidence.
- 11.4 A bid, determined as substantially non-responsive will be rejected by the BSNL and shall not subsequent to the bid opening be made responsive by the bidder by correction of the non-conformity.
- The GMTD SHIMLA may waive any minor infirmity or non-conformity or irregularity in a bid, which doesn't constitute a material deviation, provided such waiver, doesn't prejudice or affect the relative ranking of any bidder.

12. EVALUATION AND COMPARISON OF SUBSTANTIALLY RESPONSIVE BIDS

- 12.1 The BSNL shall evaluate in detail and compare the bids previously determined to be substantially responsive pursuant to tender clause.
- The evaluation and comparison of responsive bids shall be done on the price of the goods offered inclusive of all Taxes as indicated in Price Schedule in Section VI of the Bid Document.

13. AWARD OF CONTRACT

The BSNL shall consider placement of acceptance letter only on those eligible bidders whose offers have been found technically, commercially and financially acceptable. The GMTD SHIMLA reserves the right to counter offers price(s) against price(s) quoted by any bidder.

14. RIGHT TO VARY QUANTITIES

Since the work to be executed is of maintenance in nature so the quantity of items mentioned in schedule of work may vary as per actual,

however the overall limit of tender value cannot exceed 25% of approved cost.

15. RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The BSNL reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of BSNL's action.

16. ISSUE OF ACCEPTANCE LETTER

- The issue of an acceptance letter shall constitute the intention of the GMTD SHIMLA to enter into contract with the bidder.
- The bidder shall within 14 days of issue of the acceptance letter give his acceptance along with security deposit (which is 7.5 % of the total cost of job).& EMD taken will also be converted into Security deposit i.e. total security deposit will by 10% of the contract value.

17. SIGNING OF CONTRACT

- 17.1 The issue of Acceptance Letter shall constitute the award of contract on the bidder.
- 17.2 Upon the successful bidder furnishing security pursuant to clause 16, the earnest money will be converted into security deposit with AO (cash) % GMTD SHIMLA. Total S.D. will be 10 % of the estimated cost.
- 17.3 The work order will be issued from this office.

18. ANNULMENT OF AWARD

- 18.1 Failure of the successful bidder to comply with the requirement of clause 17 shall constitute sufficient ground for the annulment of the award and the forfeiture of the bid security in which event the GMTD SHIMLA may make the award to any other bidder at the discretion of the BSNL or call for new bids. BSNL reserves the right to disqualify the tenderer for a suitable period that habitually failed to execute the work with in stipulated time.
- 19. BSNL reserves the right to blacklist a bidder for a suitable period in case he fails to honour his bid without sufficient grounds or does not complete the work assigned to the specification.
- 20 Extension of tender Period:-
 - GMTD SHIMLA reserves the right to extend the tender under same term & conditions for next one year. Tender can be extended on the written request of successful bidder who executed the work successfully. First time extension will be given for Three months & if necessary it can be extended up to one year.

21 Registration with EPF authorities:-

The tenderer have to fulfill all statutory obligations required as per labour laws and the terms & conditions of provisions of EPF & Miscellanies provision Act-1952 & Employees provident fund scheme 1952 in respect of all labourers/employees engaged by the tenderer for execution of BSNL's work . All the payments should be made online & it will be responsibility of contractor to comply statutory obligations. All Govt instructions issued in this regard from time to time will be applicable.

SECTION-III

GENERAL (COMMERCIAL) CONDITIONS OF CONTRACT

DEFINATIONS:

1. PERFORMANCE SECURITY

- 1.1 The supplier shall furnish balance security to the BSNL SHIMLA for an amount equal to 7.5% of the contract value 14 days from the date of acceptance of tender in shape of Bank Guarantee in favour of AO (cash) % GMTD BSNL SHIMLA.& his EMD will also be converted into security deposit. Total performance security will be 10% of the contract value .Total performance security can be deposited in the shape of bank quarantee also & in such case EMD will be refunded.
- The proceeds of the security shall be payable to the BSNL SHIMLA as compensation for any loss resulting from the bidder failure to complete its obligations under the contract.
- 1.3 The BSNL will discharge the performance security after completion of the tenderer performance obligations under the contract.

CONTRACT: -

CONTRACT means the documents forming the tender and acceptance thereof and the formal agreement executed between BSNL herein after referred as COMPANY and the CONTRACTOR together with the documents referred to therein including the conditions of CONTRACT, the specifications and instructions issued from time to time by the GMTD SHIMLA and all these documents taken together shall be deemed to form one contract and shall be complimentary to one another.

In the CONTRACT, following expressions shall unless where the context otherwise required have the meaning hereby respectively assigned to them.

- (a) The 'CONTRACTOR' shall mean the individual or firm or Company whether incorporated or not undertaking the work, and shall included the legal personal representative or such individuals or the persons composing such firm or company or the successors of such firm or company and the permitted assignees or such individual or firm or firms or company.
- (b) The CMD means CMD BSNL and his successors.
- (c) The COMPANY will mean the Bharat Sanchar Nigam Limited.
- (d) All references of BSNL:
- (i) General Manager Telecom. Distt.
- (ii) Addl. General Manager
- (iii) Divisional Engineer.
- iv) SDO/SDE

- v) Junior Telecom Officer.
- vi) Chief Accounts Officer.
- vii) Accounts Officer.

In various clauses shall be taken to mean:

BSNL: Bharat Sanchar Nigam Limited.

i to vii) The Officers, in their respective grades/groups employed in the BSNL by whatever designations are assigned to them from time to time and who may be In charge of testing, acceptance of work, maintenance of accounts and disposal of claims, from time to time includes their successors in office. Word imparting the singular number includes the plural number and vice-versa.

3 PERIOD OF VALIDITY

Rates should be quoted inclusive of all taxes except service tax and will remain fixed during contract period.

4. OTHER CONDITIONS OF THE CONTRACT:-

- 4.1 GMTD SHIMLA shall award work to the contractor as per requirement .
- 4.2 If the contractor shall desire an extension of time for completion of work on some ground the extension shall be allowed by GMTD SHIMLA. Penalty as per the clause 8 will be charged in all such case except where is delay is due to BSNL reason or any unavoidable circumstances.
- 4.3 If the contractor fails to comply with the work within the period specified in the work order as per terms & condition of the agreement/tender. It will be treated refusal of work order unless and otherwise extended vide 4.2

5. REFUND OF SECURITY DEPOSIT:

- 5.1 The security deposit or a part thereof or such balance thereof if any shall be paid back to the successful bidder after a satisfactory warranty period of six months from the date of satisfactory completion of work. The Bidder shall remain liable to the BSNL in respect of any shortfall or discharge liability not withstanding return or security deposit or any part thereof.
- 5.2 No interest will be payable on the Earnest money or the security deposit or the amount payable to the contractor under this contract
- 5.3 No demand shall be made by the contractor or any other persons on his behalf or in his place for refund of security deposit till all claims due to and by the BSNL are finally settled after the formation of the contract and the contractor agreed to furnish a no demand certificate to the GMTD SHIMLA in six month s from the date of final settlement of accounts failing which the GMTD SHIMLA authorized to settle the accounts finally and no claims from the contractor will be entertained subsequently. The GMTD SHIMLA

is also authorized to hold in abeyance the refund of said security deposit for at least six months from the date of receipt of no demand certificate from the contractor. During the stipulated period of the contract no assignment in full or in part of security deposit, or of the bill payable by the GMTD SHIMLA shall be made by the contractors in favour of any other person or party. If any such assignment is made the same shall not be binding upon the GMTD SHIMLA, provided that if any such assignment is made after the formation of the contract duty before the refund of the security deposit or payment of the bills, the same shall be done in writing according to legal procedure and with the provisions and consent in writing of the GMTD SHIMLA.

6 SETTLEMENT OF CLAIMS FOR LOSSES AND DAMAGE

In the matter of settling any claims for losses, damages cost or expenses to which the BSNL may be put by reason of default of the contractor referred to above or the article of the agreements, decision of GMTD SHIMLA in writing will be final. The GMTD SHIMLA is also authorized by the contract to retain and set off the amount payable to the contractor whether arising out of this particular contract or out of any other transaction of contract whatsoever.

7 TERMINATION OF CONTRACT

The GMTD SHIMLA has the option of terminating the contract either partly or wholly at any stage without assigning any reasons by giving one month's notice in writing to that effect and shall not be liable to pay compensation to the contractor therefore. The GMTD SHIMLA will be final judge as the quality of material maintained and his decision will be binding on the contractor.

8 PENALTY FOR DELAY IN COMPLETION OF WORK

The completion of work within time specified in work order shall be deemed to be most important aspect of the contract on the part of the contractor and shall be reckoned from the next day of the issue of the work order. An amount equal to 0.33% per day shall be deducted from the bill in case of delay in completion of the work subject to maximum 10% of the value of the work against the work order. Time period shall be normally 7 days, however it will be decided by work order issuing authority on the basis of quantum of work.

9. INSPECTION.

The officer nominated by GMTD SHIMLA may conduct the inspections.

10. PAYMENT TERMS

- 10.1 Payment of bills will be made as under: -
- a) The contractor shall ensure the submission of bills in duplicate along with photocopy of challans of deposit of service tax claimed in his previous bills and EPF deposit if applicable to work order issuing authority on monthly basis for completed works. No bills/claims will be entertained by the BSNL after three months of the completion of work. However in exceptional cases

- the time limit can be extended with approval of GMTD Sml if genuine reasons are found.
- b) Taxes at the prevailing rates will be deducted from the bills duly completed and verified by the consignee with all formalities and certificates on monthly basis.
- 10.2 The payment of contractor's bills is made on receipt of the bills duly completed with all formalities and certificates on monthly basis.
- 10.3 The rates once approved will not be enhanced in any circumstances. In case the tenderer shows his inability to carry out work, the same will be got done from other agencies and the amount paid in excess of approved rate will be recovered from the tenderers pending bills/security/performance guarantee.
- 10.4 The GMTD SHIMLA has the right to deduct any amount from the bill, as he may consider reasonable for the unsatisfactory execution of work.
- 10.5 The payment will be made by cheque/RTGS.
- 10.6 No advance payment will be made.
- 10.7 The contractor will not be permitted to sublet the work to other agencies on commission basis. In such circumstances if it is found that the work has been Sublette, the earnest money, security and performance guarantee of the tenderer will be forfeited and no further work will be allotted to him.
- 10.8 If any of the information furnished by the tenderer is found to be incorrect the contract is liable to be terminated without notice and the earnest money and security and performance guarantee deposit is liable to be forfeited.
- 10.9 BSNL will also reserves the right to forfeit earnest money and security and performance guarantee if the tenderer on /after acceptance of the contract fails to comply with any of the terms and conditions set out in tender or agreement. In such circumstance the right of cancellation the contract rests with BSNL.
- 10.10 That in the event of tenderer being adjudged insolvent or otherwise legally in capable of fulfilling this contract. GMTD SHIMLA shall have power to terminate the contract immediately without giving any notice to the tenderer and earnest money and security will be forfeited.

11. ARBITRATION

11.1 In the event of any question, dispute or difference arising under this agreement or in connection there-with except as to matter the decision of which is specifically provided under this agreement, the same shall be referred to sole arbitration of the Chief General Manager, (Himachal Pradesh) or in case his designation is changed or his office is abolished then in such case to the sole arbitration of the officer for the time being entrusted whether in addition to the functions of the Chief General Manager, (Himachal Pradesh) or by whatever designation such officers may be called (hereinafter referred to as the said officer) and if the Chief General Manager, (Himachal Pradesh) or the said officer is unable to act as such to the sole arbitration or some other person appointed by

the Chief General Manager, or the said officer. The agreement to appoint an arbitrator will be in accordance with the Arbitration and Conciliation Act 1996. There will be no objection to any such appointment that the arbitrator is BSNL Servant or that he has to deal with matter to which the agreement relates or that in the course of his duties as BSNL Servant has expressed view on all or any of the matter under dispute. The award of the arbitrator shall be final and binding on the parties. In the event of such arbitrator to whom the matter is originally referred, being unable to act for any reasons whatsoever such Chief General Manager or the said officer shall appoint another person to act as arbitrator in accordance with terms of the agreement and the person so appointed shall be entitled to proceed from the stage at which it was left out by his predecessors.

- 11.2 The arbitrator may from time to time with the consent of parties enlarge the time for making and publishing the award, subject to aforesaid Indian Arbitration and Conciliation Act 1996 and the rules made there under, any modification thereof for the time being in force shall be deemed to apply to the arbitration proceeding under this clause.
- 11.3 The venue of the arbitration proceeding shall be the office of the Chief General Manager, Himachal Pradesh or such places as the arbitrator may decide. The dispute may be requested for arbitration within six months from the date of completion of work by the contractor. The following procedure shall be followed:
- (i) In case parties are unable to reach a settlement by themselves, the dispute should be submitted or arbitration in accordance with contract agreement.
- (ii) There should not be a joint submission with the contractor to the sole arbitrator.
- (iii) Each party should submit its own claim severally and may oppose the claim put forward by the other party.
- (iv) The onus of establishing his claims will be left to the contractor.
- (v) Once a claim has been included in the submission by the contractor, a reiteration or modification thereof will be opposed.
- (vi) The "points of defense" will be based on actual conditions of the contract.
- (vii) Claims in the nature of ex-gratia payment shall not be entertained by the Arbitrator as these are not contractual.
- (viii) The question whether these conditions are equitable shall not receive any consideration in the preparation of "points of defense".
- (ix) If the contractor includes such claims in his submission, the fact that they are not contractual will be prominently placed before the Arbitrator. The award of the sole Arbitrator shall be final and binding on all the parties to the dispute.

12 SET OFF

Any sum of money due and payable to the contractor (including security deposit refundable to him) under this contract may be appropriated by the BSNL or any other person(s) contracting through the BSNL and set off the same against any claim of the BSNL or such other person or person(s) for

payment of a sum of money arising out of this contract or under any other contract made by the supplier with the BSNL or such other person(s) contracting through the BSNL.

13. GENERAL CONDITIONS:

- 13.1 Rates are to be quoted in the prescribed Performa at section VI.
- 13.2 Rate should be quoted in figures and words as per section VI . Ambiguity in rates or any insertion_ in the tender not specified in the tender form shall render the tender invalid. Rates quoted should be firm for acceptance for a period of one year or less from the date of executing the contract.
- 13.3 Bidder must engage technical skilled persons for execution of work.
- The contract shall ordinarily be for a tentative period of one year but can be terminated at any time at the discretion of the GMTD SHIMLA without assigning any reasons before the expiry of contract period of one year. The validity of contract may further be extended with the concurrence of the contractor, if considered necessary.
- 13.5 The security deposit of successful tenderer will be refunded after the final settlement of all claims of the BSNL after the expiry of contract as per terms and conditions thereof
- 13.6 The cash security, earnest money deposit will be forfeited if the bidder fails to execute the agreement. Cash security/ E.M.D. will be forfeited if the contractor fails to carry out the work.
- 13.7 No interest will be payable either on earnest money or on security deposit on its conversion
- 13.8 The GMTD SHIMLA on behalf on BSNL does not bind himself to accept the lowest or any tender or whole or part of any tender to assign reasons for non-acceptance or part acceptance of any tender.
- 13.9 In complete and incorrect filled tender/conditional tenders are liable to be summarily rejected.
 - 13.10. The evaluation of the tender will be done on the basis of rates offered in responsive bid on composit basis.
 - 13.11 The contractor will have to sign the agreement which is available in section-V along with all terms and condition of tender document.
- 13.12 Each page of tender document and annexure, if any should be signed by the tenderer.

SECTION-IV

DECLARATION

I/We hereby agreed to fulfill all the terms and conditions of the tender. If I/We fails to commence the work as per specified in the tender, I/We agreed that the said CMD BSNL or his successor in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money.

Dated	Signature of the tenderer
	Name in block letters
	Full address.

Section V **AGREEMENT FORM**

The successful tenderer shall have to execute the following agreement :

This agreement made on this		day of (Month
(year)	between	M/s
		herein after called
contex assign offered Service herein been d in acc	Contractor" (Which expression shall unlead, include its successors, heir, executoriee) of the one part & the BSNL, of other did to enter into contract with the BSNL for sing of various capacity DEA sets in Shim contained and the rates approved by the duly accepted and where as the necessary ordance with the provisions of the tender imed on the security deposits.	ors, administrative representative and her part. Where as the contractor has or the execution of work of Repair & la SSA on the terms and conditions as BSNL (copy of Rates annexed) have a security deposits have been furnished
	in the presence of the witness, it is hereby	agreed and declared by and between
1)	The contractor shall, during the periodto	whichever is whichever is mined by such notice as is hereinafter expenses and by means of tools, polied by him to his workers at his own ociated work as described in tender when the BSNL or (the GMTD SHIMLA) MTD SHIMLA in that behalf require. It is ntity of work mentioned on the schedule

- The NIT (Notice Inviting Tender), Bid document, letter of acceptance, approved rates, annexed hereto and such other additional particulars, instructions, work orders as may be found requisite to be given during execution of the work shall be deemed and taken to be an integral part of the contract and shall also be deemed to be included in the expression "The Agreement" or "The Contract" wherever herein used.
- 3) The contractor shall supply the requisite number of workmen with means & materials as well as tools, appliances, implements, vehicles for transportation, for the proper execution of work within the time prescribed in the work orders.
- 4) The contractor hereby declares that nobody connected with or in the employment of the BSNL is not/shall not ever be admitted as partner in the contract.
- The contractor shall abide by the terms and conditions, rules, guidelines, construction practices, safety precautions etc. stipulated in the tender document including any correspondence between the contractor and the BSNL having bearing on execution of work and payments of work to be done under the contract.

Above written:

Signed sealed & Delivered by the above named Contractor in the presence of

Witness:

1.

2.

Signed & Delivered on behalf the BSNL the

Witness:

(Financial Bid) SECTION VI (A)

SECTION-I:

Name of Work: Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET SHIMLA & ROHRU on call Basis in SML SSA

SN	Description of items	Estimated Qty	Unit	Quote	d Rate in Rs.
0.1		٦.,		In fig	In words
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.				
(a)	15KVA	60	Job.		
(b)	30KVA	10	Job.		
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.				
(a)	Feed Pump	2	Nos		
(b)	Nozzle 15/30KVA	2	Nos		
©	Battery leads with terminal	2	Nos.		
(d)	Flexible wire braided fuel pipe	2	Nos		
(e)	Stopper Relay	2	Nos.		
(f)	DG stopper Horizontal	1	Nos.		
(g)	DG stopper Vertical	1	Nos		
(h)	Bearing Replacement	2	Nos.		
(i)	D.C. ammeter/Voltmeter	2	Nos.		
(j)	Canopy Door Lock	6	Nos.		
(k)	Coil 220V-ABB/LNT	2	Nos.		
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	2	Job		
4	Replacement of V-Belt of following capacities DEA set complete as required				
(a)	15KVA	2	Nos.		
(b)	30KVA	2	Nos.		

5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.			
(a)	Automatic battery charger (SMPS 10A rating)	9	No.	
(b)	Contactor 32A 415V TP (2NO+2NC)	4	No.	
6	Replacement of AVR of DEA sets complete as required 15/30KVA	7	No.	
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	7	Nos	
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.			
(a)	Solenoid switch	3	Nos.	
(b)	Engine start relay	2	Nos.	
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs	
10 a	Major Overhauling of 15KVA DEA	1	jobs	
b	Major Overhauling of 30 KVA DEA	1	jobs	
С	Top Overhauling of 15KVA DEA	1	jobs	
d	Top Overhauling of 30KVA DEA	1	jobs	
11a	Alternator Rewinding main field wing 15KVA	0	Nos	
b	Alternator Rewinding main field wing 30KVA	1	Nos	
С	Alternator Rewinding Rotor wing 15KVA	0	Nos	
d	Alternator Rewinding Rotor wing 30KVA	1	Nos	
е	Starter Motor Rewinding 15 KVA	0	Nos	
f	Starter Motor Rewinding 30 KVA	1	Nos	

NOTES:

- 1. Rates should be quoted for repairing charges including the cost of spares to be used. No charges will be paid separately for localization of fault by vendor.
 - 2. Spare will be used of original make.
 - 3 All tools required for job will be arranged by the contractor himself.
- 4 Rates should be inclusive of transportation charges for labour and material.

- 5 Rates should be inclusive of all taxes such as Income Tax, Excise duty, Octroi and Trade Tax etc. except service tax.
- 6 No TA/DA will be admissible to Service Engineer.
- 7 Boarding and Lodging facility will not be provided by the BSNL.
- 8 Handing over/Taking over of the material will be done at the respective site only.
- 9 The repaired DEA sets will remain under warranty for the period of three months. The contractor has to
 - repair the DEA sets free of cost if gone faulty within warranty period.
- 10 Repair will be done as per Technical specification as per clause 17.0 & special terms and conditions.

(Financial Bid) SECTION VI (B)

SECTION-II:
Name of Work: Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET RMB & DE(indoor) on call Basis in SML SSA

CNI	Description of items	Estimated Qty	Unit	Quote	ed Rates in Rs.
SN		Q.,		In Fig	In Words
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.				
(a)	15KVA	50	Job.		
(b)	30KVA	10	Job.		
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.				
(a)	Feed Pump	2	Nos		
(b)	Nozzle 15/30KVA	2	Nos		
©	Battery leads with terminal	1	Nos.		
(d)	Flexible wire braided fuel pipe	1	Nos		
(e)	Stopper Relay	1	Nos.		
(f)	DG stopper Horizontal	1	Nos.		
(g)	DG stopper Vertical	1	Nos		
(h)	Bearing Replacement	1	Nos.		
(i)	D.C. ammeter/Voltmeter	2	Nos.		
(j)	Canopy Door Lock	7	Nos.		
(k)	Coil 220V-ABB/LNT	1	Nos.		
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	2	Job		
4	Replacement of V-Belt of following capacities DEA set complete as required				
(a)	15KVA	2	Nos.		
(b)	30KVA	2	Nos.		

5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.			
(a)	Automatic battery charger (SMPS 10A rating)	8	No.	
(b)	Contactor 32A 415V TP (2NO+2NC)	3	No.	
6	Replacement of AVR of DEA sets complete as required 15/30KVA	7	No.	
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	7	Nos	
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.			
(a)	Solenoid switch	3	Nos.	
(b)	Engine start relay	1	Nos.	
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs	
10 a	Major Overhauling of 15KVA DEA	0	jobs	
b	Major Overhauling of 30 KVA DEA	1	jobs	
С	Top Overhauling of 15KVA DEA	1	jobs	
d	Top Overhauling of 30KVA DEA	1	jobs	
11a	Alternator Rewinding main field wing 15KVA	1	Nos	
b	Alternator Rewinding main field wing 30KVA	1	Nos	
С	Alternator Rewinding Rotor wing 15KVA	1	Nos	
d	Alternator Rewinding Rotor wing 30KVA	1	Nos	
е	Starter Motor Rewinding 15 KVA	1	Nos	
f	Starter Motor Rewinding 30 KVA	1	Nos	

NOTES:

- Rates should be quoted for repairing charges including the cost of spares to be used.No charges will be paid separately for localization of fault by vendor.
- 2. Spare will be used of original make.
- All tools required for job will be arranged by the contractor himself. 3
- Rates should be inclusive of transportation charges for labour and material.

- 5 Rates should be inclusive of all taxes such as Income Tax, Excise duty, Octroi and Trade Tax etc. except service tax.
- 6 No TA/DA will be admissible to Service Engineer.
- 7 Boarding and Lodging facility will not be provided by the BSNL.
- 8 Handing over/Taking over of the material will be done at the respective site only.
- 9 The repaired DEA sets will remain under warranty for the period of three months. The contractor has to
 - repair the DEA sets free of cost if gone faulty within warranty period.
- 10 Repair will be done as per Technical specification as per clause 17.0 & special terms and conditions.

(Financial Bid) SECTION VI (C)

SECTION-III:

Name of Work: Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET RECKONG PEO on call Basis in SML SSA

CNI	Description of items	Estimated Qty	Unit	Quoted	Rates in Rs.
SN		Qty		In Fig	In Words
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.				
(a)	15KVA	50	Job.		
(b)	30KVA	10	Job.		
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.				
(a)	Feed Pump	1	Nos		
(b)	Nozzle 15/30KVA	1	Nos		
©	Battery leads with terminal	2	Nos.		
(d)	Flexible wire braided fuel pipe	2	Nos		
(e)	Stopper Relay	2	Nos.		
(f)	DG stopper Horizontal	1	Nos.		
(g)	DG stopper Vertical	1	Nos		
(h)	Bearing Replacement	2	Nos.		
(i)	D.C. ammeter/Voltmeter	1	Nos.		
(j)	Canopy Door Lock	7	Nos.		
(k)	Coil 220V-ABB/LNT	2	Nos.		
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	1	Job		
4	Replacement of V-Belt of following capacities DEA set complete as required				
(a)	15KVA	1	Nos.		
(b)	30KVA	1	Nos.		

5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.			
(a)	Automatic battery charger (SMPS 10A rating)	8	No.	
(b)	Contactor 32A 415V TP (2NO+2NC)	3	No.	
6	Replacement of AVR of DEA sets complete as required 15/30KVA	6	No.	
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	6	Nos	
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.			
(a)	Solenoid switch	4	Nos.	
(b)	Engine start relay	2	Nos.	
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs	
10 a	Major Overhauling of 15KVA DEA	1	jobs	
b	Major Overhauling of 30 KVA DEA	0	jobs	
С	Top Overhauling of 15KVA DEA	0	jobs	
d	Top Overhauling of 30KVA DEA	0	jobs	
11a	Alternator Rewinding main field wing 15KVA	1	Nos	
b	Alternator Rewinding main field wing 30KVA	0	Nos	
С	Alternator Rewinding Rotor wing 15KVA	1	Nos	
d	Alternator Rewinding Rotor wing 30KVA	0	Nos	
е	Starter Motor Rewinding 15 KVA	1	Nos	
f	Starter Motor Rewinding 30 KVA	0	Nos	

NOTES:

- 1. Rates should be quoted for repairing charges including the cost of spares to be used. No charges will be paid separately for localization of fault by vendor.
- 2. Spare will be used of original make.
- 3 All tools required for job will be arranged by the contractor himself.
- 4 Rates should be inclusive of transportation charges for labour and material.

- 5 Rates should be inclusive of all taxes such as Income Tax, Excise duty, Octroi and Trade Tax etc. except service tax.
- 6 No TA/DA will be admissible to Service Engineer.
- 7 Boarding and Lodging facility will not be provided by the BSNL.
- 8 Handing over/Taking over of the material will be done at the respective site only.
- 9 The repaired DEA sets will remain under warranty for the period of three months. The contractor has to
 - repair the DEA sets free of cost if gone faulty within warranty period.
- 10 Repair will be done as per Technical specification as per clause 17.0 & special terms and conditions.

(Financial Bid) SECTION VI (D)

SECTION-IV

Name of Work: Repair of DEA Sets at USO SITES in Shimla SSA

S.	Description of items	Estimated	Unit		
No.	·	Qty		Quoted	Rate (Rs)
				In Fig	In Words
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.				
(a)	20 KVA	32	Job.		
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.				
(a)	Feed Pump	2	Nos		
(b)	Nozzle 20 KVA	2	Nos		
©	Battery leads with terminal	3	Nos.		
(d)	Flexible wire braided fuel pipe	5	Nos		
(e)	Stopper Relay	5	Nos.		
(f)	DG stopper Horizontal	3			
(g)	DG stopper Vertical	3	Nos		
(h)	Bearing Replacement	2	Nos.		
(i)	D.C. ammeter/Voltmeter	4	Nos.		
(j)	Canopy Door Lock	5	Nos.		
(k)	Coil 220V-ABB/LNT	2	Nos.		
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	3	Job		
4	Replacement of V-Belt of following capacities DEA set complete as required				
(a)	20KVA	3	Nos.		

5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.			
(a)	Automatic battery charger (SMPS 10A rating)	12	No.	
(b)	Contactor 32A 415V TP (2NO+2NC)	5	No.	
6	Replacement of AVR of DEA sets complete as required 20 KVA	7	No.	
7	Replacement Changeover switches of interconnections complete as required for 20 KVA (63A)	4	Nos	
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.			
(a)	Solenoid switch	5	Nos.	
(b)	Engine start relay	3	Nos.	
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	2	jobs	
10 a	Major Overhauling of 20KVA DEA	1	jobs	
b	Top Overhauling of 20KVA DEA	1	jobs	
11a	Alternator Rewinding main field wing 20KVA	1	Nos	
b	Alternator Rewinding Rotor wing 20KVA	1	Nos	
С	Starter Motor Rewinding 20 KVA	1	Nos	

NOTES:

- 1. Rates should be quoted for repairing charges including the cost of spares to be used. No charges will be paid separately for localization of fault by vendor.
- 2. Spare will be used of original make.
- 3 All tools required for job will be arranged by the contractor himself.
- 4 Rates should be inclusive of transportation charges for labour and material.
- 5 Rates should be inclusive of all taxes such as Income Tax, Excise duty, Octroi and Trade Tax etc. except service tax.
- 6 No TA/DA will be admissible to Service Engineer.
- 7 Boarding and Lodging facility will not be provided by the BSNL.
- 8 Handing over/Taking over of the material will be done at the respective site only.

- 9 The repaired DEA sets will remain under warranty for the period of three months. The contractor has to
 - repair the DEA sets free of cost if gone faulty within warranty period.
- 10 Repair will be done as per Technical specification as per clause 17.0 & special terms and conditions.

SECTION VII

То		
	AGM (Operation) % GMTD SHIMLA –171009.	
Dear Sir,		
capacity DEA date of accept contract, the mentioned in I/We offer to	I/We submit this sealed tender along with Earnest (Rupees (Rupees) dated (Rupees dated) dated (Rupees) dated (R	only) vide in the name of cing of various ne year from the aditions of the d the condition ates at which

Signature of contractor With Name , seal and Date.

SECTION VIII

DECLARATION & INFORMATION ABOUT BIDDER

- **A. I)**I/We agree to the all terms and conditions of the tender document.
 - II) I/We also agree that printed terms and conditions if any at back of our quotation form or if any paper enclosed are not applicable.

B.

- a. Name of the Tenderer/Contractor
- b. Address
- c. Telephone No/Fax/Email No
- d. Whether proprietary or partnership Concern (if so attach partnership deed)
- e. EMD particulars
- f. Solvency declaration
- g. Partner ship Deed
- h. Annexure attached regarding the contract.

Signature of contractor With Name, Seal and Date.

N.B.

 Tendering firms should specifically submit their offer in this form furnishing all details as asked for. Tender

- liable to be disqualified if all the information called for is not furnished or tender is not submitted on the above form.
- ii) Separate sheets may be attached in duplicate copy and also in case the space provided against any clause is insufficient.
- iii) Cheques are not accepted against earnest money.

Signature of contractor With Name, Seal & Date

SECTION IX

LETTER OF AUTHORISATION FOR ATTENDING BID OPENING

(To reach % GMTD SHIMLA	before date of bid o	opening)
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To

The AGM (OPN)
% GMTD SHIMLA - 171009

Alternate Representative

Signatures of bidder Or

Officer authorized to sign the bid Documents on behalf of the bidder.

- Note: 1. Maximum of two representatives will be permitted to attend bid opening. In cases where it is restricted to one, first preference will be allowed. Alternate representative will be permitted when regular representatives are not able to attend.
- 2 Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not recovered.

SECTION X(A)

SECTION-I

Name of Work : Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET SHIMLA & ROHRU on call Basis in SML SSA

Schedule of work

SN	Description of items	Estimated Qty	Unit
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.		
(a)	15KVA	60	Job.
(b)	30KVA	10	Job.
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.		
(a)	Feed Pump	2	Nos
(b)	Nozzle 15/30KVA	2	Nos
©	Battery leads with terminal	2	Nos.
(d)	Flexible wire braided fuel pipe	2	Nos
(e)	Stopper Relay	2	Nos.
(f)	DG stopper Horizontal	1	Nos.
(g)	DG stopper Vertical	1	Nos
(h)	Bearing Replacement	2	Nos.
(i)	D.C. ammeter/Voltmeter	2	Nos.
(j)	Canopy Door Lock	6	Nos.
(k)	Coil 220V-ABB/LNT	2	Nos.
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	2	Job
4	Replacement of V-Belt of following capacities DEA set complete as required		
(a)	15KVA	2	Nos.
(b)	30KVA	2	Nos.

5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.		
(a)	Automatic battery charger (SMPS 10A rating)	9	No.
(b)	Contactor 32A 415V TP (2NO+2NC)	4	No.
6	Replacement of AVR of DEA sets complete as required 15/30KVA	7	No.
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	7	Nos
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.		
(a)	Solenoid switch	3	Nos.
(b)	Engine start relay	2	Nos.
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs
10 a	Major Overhauling of 15KVA DEA	1	jobs
b	Major Overhauling of 30 KVA DEA	1	jobs
С	Top Overhauling of 15KVA DEA	1	jobs
d	Top Overhauling of 30KVA DEA	1	jobs
11a	Alternator Rewinding main field wing 15KVA	0	Nos
b	Alternator Rewinding main field wing 30KVA	1	Nos
С	Alternator Rewinding Rotor wing 15KVA	0	Nos
d	Alternator Rewinding Rotor wing 30KVA	1	Nos
е	Starter Motor Rewinding 15 KVA	0	Nos
f	Starter Motor Rewinding 30 KVA	1	Nos
•	Starter motor remnanty or revre	ı	1105

SECTION X(B)

SECTION-II:

Name of Work : Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET RMB & DE(indoor) on call Basis in SML SSA

Schedule of work

SN	Description of items	Estimated Qty	Unit
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.		
(a)	15KVA	50	Job.
(b)	30KVA	10	Job.
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.		
(a)	Feed Pump	2	Nos
(b)	Nozzle 15/30KVA	2	Nos
0	Battery leads with terminal	1	Nos.
(d)	Flexible wire braided fuel pipe	1	Nos
(e)	Stopper Relay	1	Nos.
(f)	DG stopper Horizontal	1	Nos.
(g)	DG stopper Vertical	1	Nos
(h)	Bearing Replacement	1	Nos.
(i)	D.C. ammeter/Voltmeter	2	Nos.
(j)	Canopy Door Lock	7	Nos.
(k)	Coil 220V-ABB/LNT	1	Nos.
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	2	Job
4	Replacement of V-Belt of following capacities DEA set complete as required		
(a)	15KVA	2	Nos.

(b)	30KVA	2	Nos.
5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.		
(a)	Automatic battery charger (SMPS 10A rating)	8	No.
(b)	Contactor 32A 415V TP (2NO+2NC)	3	No.
6	Replacement of AVR of DEA sets complete as required 15/30KVA	7	No.
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	7	Nos
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.		
(a)	Solenoid switch	3	Nos.
(b)	Engine start relay	1	Nos.
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs
10 a	Major Overhauling of 15KVA DEA	0	jobs
b	Major Overhauling of 30 KVA DEA	1	jobs
С	Top Overhauling of 15KVA DEA	1	jobs
d	Top Overhauling of 30KVA DEA	1	jobs
11a	Alternator Rewinding main field wing 15KVA	1	Nos
b	Alternator Rewinding main field wing 30KVA	1	Nos
С	Alternator Rewinding Rotor wing 15KVA	1	Nos
d	Alternator Rewinding Rotor wing 30KVA	1	Nos
е	Starter Motor Rewinding 15 KVA	1	Nos
f	Starter Motor Rewinding 30 KVA	1	Nos

SECTION X(C)

SECTION-III:

Name of Work: Repair of DEA Sets at Telephone Exchanges /BTSs under the Jurisdiction of DET RECKONG PEO on call Basis in SML SSA
Schedule of work

SN	Description of items	Estimated Qty	Unit
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.		
(a)	15KVA	50	Job.
(b)	30KVA	10	Job.
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.		
(a)	Feed Pump	1	Nos
(b)	Nozzle 15/30KVA	1	Nos
©	Battery leads with terminal	2	Nos.
(d)	Flexible wire braided fuel pipe	2	Nos
(e)	Stopper Relay	2	Nos.
(f)	DG stopper Horizontal	1	Nos.
(g)	DG stopper Vertical	1	Nos
(h)	Bearing Replacement	2	Nos.
(i)	D.C. ammeter/Voltmeter	1	Nos.
(j)	Canopy Door Lock	7	Nos.
(k)	Coil 220V-ABB/LNT	2	Nos.
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	1	Job
4	Replacement of V-Belt of following capacities DEA set complete as required		
(a)	15KVA	1	Nos.
(b)	30KVA	1	Nos.
5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.		

(a)	Automatic battery charger (SMPS 10A rating)	8	No.
(b)	Contactor 32A 415V TP (2NO+2NC)	3	No.
6	Replacement of AVR of DEA sets complete as required 15/30KVA	6	No.
7	Replacement Changeover switches of interconnections complete as required for 15/30KVA (63A)	6	Nos
8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.		
(a)	Solenoid switch	4	Nos.
(b)	Engine start relay	2	Nos.
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	1	jobs
10 a	Major Overhauling of 15KVA DEA	1	jobs
b	Major Overhauling of 30 KVA DEA	0	jobs
С	Top Overhauling of 15KVA DEA	0	jobs
d	Top Overhauling of 30KVA DEA	0	jobs
11a	Alternator Rewinding main field wing 15KVA	1	Nos
b	Alternator Rewinding main field wing 30KVA	0	Nos
С	Alternator Rewinding Rotor wing 15KVA	1	Nos
d	Alternator Rewinding Rotor wing 30KVA	0	Nos
е	Starter Motor Rewinding 15 KVA	1	Nos
f	Starter Motor Rewinding 30 KVA	0	Nos

SECTION X(D)

$\mbox{SECTION-IV} \\ \mbox{Name of Work}: \mbox{ Repair of DEA Sets at USO SITES in Shimla SSA} \\$

Schedule of work

S. No.	Description of items	Estimated Qty	Unit
1	Servicing of following rating Engine coupled with alternator i/c replacement of lub. Oil, lub. Oil filter, diesel filter, cleaning of air filter, complete cleaning of the DEA set, testing on load all as required.		
(a)	20 KVA	32	Job.
2	Replacement of following faulty items in the existing DEA set complete with connections, testing all as required.		
(a)	Feed Pump	2	Nos
(b)	Nozzle 20 KVA	2	Nos
©	Battery leads with terminal	3	Nos.
(d)	Flexible wire braided fuel pipe	5	Nos
(e)	Stopper Relay	5	Nos.
(f)	DG stopper Horizontal	3	
(g)	DG stopper Vertical	3	Nos
(h)	Bearing Replacement	2	Nos.
(i)	D.C. ammeter/Voltmeter	4	Nos.
(j)	Canopy Door Lock	5	Nos.
(k)	Coil 220V-ABB/LNT	2	Nos.
3	Repairing & Servicing of 12volt self starter i/c replacement of solenoid coil, cleaning, lubricating teeths etc. complete with testing as required.	3	Job
4	Replacement of V-Belt of following capacities DEA set complete as required		
(a)	20KVA	3	Nos.
5	Replacement of following faulty items in the existing Engine instrument/ control panel complete with interconnections, testing all as required.		
(a)	Automatic battery charger (SMPS 10A rating)	12	No.
(b)	Contactor 32A 415V TP (2NO+2NC)	5	No.
6	Replacement of AVR of DEA sets complete as required 20 KVA	7	No.
7	Replacement Changeover switches of interconnections complete as required for 20 KVA (63A)	4	Nos

8	Providing and making following provision in the existing contol panel including wiring etc. complete including testing and commissioning etc. complete as required.		
(a)	Solenoid switch	5	Nos.
(b)	Engine start relay	3	Nos.
9	Calibration of fuel injection (FI) pump i/c dismentalling the fuel pump, cartage to the service station and refixing the same i/c injector timing & tappet setting, testing all as required.	2	jobs
10 a	Major Overhauling of 20KVA DEA	1	jobs
b	Top Overhauling of 20KVA DEA	1	jobs
11a	Alternator Rewinding main field wing 20KVA	1	Nos
b	Alternator Rewinding Rotor wing 20KVA	1	Nos
С	Starter Motor Rewinding 20 KVA	1	Nos