

Corrigendum-IV, Dt.20.05.2022

RailTel's Bid Specific Additional Terms & Conditions (ATC)

Information to Bidder for the “Provision of Battery Chargers and VRLA Battery sets for Telecom use of RailTel's OFC Network”

Ref: GeM Bid No. GEM/2022/B/2103661

Dated: 11.04.2022

1. The item/items in this bid should be quoted as per the technical specifications mentioned in Schedule of Requirement (SOR) available in **Annexure-I**.
2. The GeM bid document is also available on website www.railtelindia.com for information of bidders. However, bidding is to be done on GeM platform only.
3. Power Plant offered shall have complete data sheets and detailed description on OEM web sites. Bidder shall provide duly filled and signed Technical Compliance of the offered Power Plant, failing which the bid may get rejected.
4. Bidder shall submit the detailed BOM of the Power Plant offered duly verified and certified by the respective OEM. Un-priced BOM shall be submitted by bidder in their technical bid and priced BOM in their price bid. Priced BOM/SOR submitted with technical bid will be summarily rejected.
5. GSTIN ID of vendor should be provided from where goods will be supplied.

6. Delivery Period:

The bidder has to complete the supply& installation of material **within 4 months** from the date of issue of confirmed PO. The consignee wise distribution shall be given by RailTel taking care to make optimum use of transportation medium. If material is not supplied within the approved delivery period then penalty of 0.5% of undelivered quantity per week to the maximum to the 10% of the contract value will be levied.

7. Consignee Address: As per Annexure – VI.

8. Inspection:

- 8.1 The supplier/manufacturer shall send inspection call letter when the material is ready to be supplied and ready for inspection. The Inspection shall be carried out at supplier's/Manufacturer's premises by the Inspecting Authority.
- 8.2 The supplier/manufacturer shall submit along with inspection call the details of test procedures, test programs, test parameters together with permitted

values, etc., and their Quality Assurance Plan.

- 8.3 In case material/equipment fails during inspection, the fresh lot of same material/ equipment shall be offered without any extra cost, by the manufacturer/supplier. In such a case, total cost of re-inspection including travel, lodging & boarding of the inspecting officials shall be born by manufacturer's / supplier's account/cost.
- 8.4 Inspection of the material including that of raw material if deemed required shall be conducted by approved Govt. inspecting authority/RailTel at the firm's premises/Govt. approved Test labs. The inspection shall be conducted by inspecting authority as per required test procedures /test plan for ensuring that the material offered meets the required specifications.
- 8.5 The Inspection of Battery banks & battery chargers shall be carried out as per the specifications at OEM premises. The supplier shall make available for inspection all types of equipment's in sufficient number so as to create test set up for carrying out various tests as per the approved test plan and testset up. Travelling, lodging and boarding expenses of RailTel representative and charges for third party inspection if any shall be borne by RailTel, but necessary facilities to carry out test /witness inspection shall be provided by the manufacturer/supplier, free of cost.
- 8.6 The manufacturer shall maintain stock register (receipt, issue and balance) and defect records for the raw material. The defect records shall be in standard formats and it shall be complied on a daily/ weekly/ monthly basis and it shall be analysed. "NIL" Report shall be segregated from the accepted material. First-in First-out concept shall be implemented in fool proof manner. The batches of the raw material shall be identified and traceable. All relevant documents necessary to ensure trace-ability shall be maintained. The raw material shall be protected from direct exposure to sunlight, moisture, water ingress and heat etc.
- 8.7 Finished products shall be tested 100% by the factory QC personnel before being offered to RailTel for acceptance to ensure that it meets all quality requirements as per the relevant specifications. Duly filled in test formats indicating the results of such tests shall be submitted along with material offered for inspection to RailTel.
- 8.8 Inspection of Battery & charger shall be carried out as per the specification at OEM premises.
- 8.9 Power Plant manufacturers are required to purchase raw material from RDSO approved sources or their authorized distributors/agents only. During bulk production also, the battery & charger manufacturers shall use the same RDSO approved grade of Resin, which has been used during the manufacture of samples submitted for quality evaluation. It is the prime responsibility of the

manufacturer to ensure that all inward goods are procured from approved sources or the authorized dealers of approved sources only.

9. Earnest Money Deposit (EMD):

Rs.1150300/- (2% on estimated cost of Rs.5,75,11,160/-) with payment online through RTGS / internet banking in Beneficiary name RailTel Corporation of India Limited Account No. 33946516594, IFSC Code SBIN0020299, Bank Name: State Bank of India, Branch address: Veer Chambers, Ranga Reddy District, Begumpet – 500016. **The Bid received without EMD will be summarily rejected.**

10. Security Deposit:

Clause No/Page No.	As per ATC document	To be read as
ATC CI 10, Security Deposit	The successful tenderer shall submit 10% of total value of the stores/works detailed in the Acceptance Offer towards security deposit in the form of DD/FDR or irrevocable Bank Guarantee from any scheduled bank for due fulfilment of contract. The instrument shall be valid for three months beyond the warranty period. The security deposit shall be released after successful completion of contract including warranty period, duly adjusting any dues recoverable from the successful tenderer. Payment of Security Deposit in the form of Pay Order/ Demand Draft should be made in favour of "RailTel Corporation of India Ltd" payable at Secunderabad only, within 30 days of issue of purchase order.	The successful tenderer shall submit 3% of total value of the stores/works detailed in the Acceptance Offer towards security deposit in the form of DD/FDR or irrevocable Bank Guarantee from any scheduled bank for due fulfilment of contract. The instrument shall be valid for three months beyond the warranty period. The security deposit shall be released after successful completion of contract including warranty period, duly adjusting any dues recoverable from the successful tenderer. Payment of Security Deposit in the form of Pay Order/ Demand Draft should be made in favour of "RailTel Corporation of India Ltd" payable at Secunderabad only, within 30 days of issue of purchase order.

10.1 Performance Bank Guarantee:

In case, successful tenderer wishes to furnish security deposit in the form of Performance Bank Guarantee of value equal to Security Deposit, the same should be submitted within 30 days of issue of purchase order, failing which a penal interest of 15% per annum shall be charged for the delay period i.e., beyond 30 (thirty) days from the date of issue of LOA/PO. This PBG should be from a Scheduled Bank and should cover warranty period plus three months for lodging the claim. The performance security Bond will be discharged by the Purchaser after completion of the supplier's performance obligations including any warranty obligations under the contract. PBG format specified in **Annexure-V**.

Note:

A separate advice of the BG will invariably be sent by the BG issuing bank to the RailTel's Bank through SFMS and only after this the BG will become acceptable to RailTel. It is therefore in own interest of bidder to obtain RailTel's bank IFSC code, its branch and address and advise these particulars to the BG issuing bank and request them to send advice of BG through SFMS to the RailTel's Bank.

11. The bidder should not have been blacklisted by any agency /purchaser during the past 5 years and the bidder should have positive net worth and should give an undertaking for the same.

12. **Eligibility Criteria for Authorized bidder Bidder/OEM:**

- 12.1 **Technical Eligibility:**

The tenderer must have successfully completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited:

- Three similar works each costing not less than the amount equal to 30% of advertised value of the tender,
or
- Two similar works each costing not less than the amount equal to 40% of advertised value of the tender,
or
- One similar work each costing not less than the amount equal to 60% of advertised value of the tender.

Similar Work- The work for Supply and installation of Battery charger or Battery Banks or any other power system or combination of these in any Government/State Government/PSU/ Reputed Telco.

Note: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, PSU or any reputed TELCO with work experience certificate issued by Public listed company having average annual turnover of Rs.500 crore and above in last 3 financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of opening of tender, shall also be considered provided the work experience certificate has been issued by a person authorized by the Public listed company to issue such certificates.

In case tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate.

12.2 Financial Eligibility:

The bidder should have minimum cumulative turnover of 150% of tendered value or above during the last 3 financial years (i.e. current year and/or three previous financial years). The bidder should provide Audited Balance Sheets / annual reports as documentary evidence and for current year, the Statutory Auditor's certificate for turnover of current year up to the date of bid opening for which Balance Sheet/P&L may not be available. In case of photocopy of Balance Sheet/P&L the same should be certified by Chartered Accountant as true copy.

12.3 Bidder should have authorization specific to this tender from respective OEM as per **Annexure-III**.

12.4 The bidder should have registered office in India for a minimum period of 3 years as on schedule date of bid opening. Certificate of incorporation will have to be submitted.

12.5 The bidder or their promoters having equity stake or operating partnership in bidder, should not be holding valid License for Telecom Service Provider/ISP/NLD, Services License of Government of India for Telecom Operation.

12.6 Following details should also be enclosed along with the tender: -

12.6.1 Any TEC approved Battery charger manufacturer (OEM) as per TEC specification for any rated capacity can quote. Batteries being offered should be from as per TEC approved manufacturer. Validity of type approval certificate should be available till the date of supply. Authorization & Long term maintenance support (AMC) letter from the battery manufacturer will have to be provided.

12.6.2 Any TEC approved Battery manufacturer (OEM) as per TEC specification for any rated capacity can quote. SMPS Chargers being offered should be from as per TEC approved manufacturer. Validity of type approval certificate should be available till the date of supply. Authorization & Long-term maintenance support (AMC) letter from the SMPS Charger manufacturer will have to be provided.

12.6.3 Bidder (other than OEM) has to provide the MAF and long term Maintenance support (AMC) from OEM of SMPS charger and Battery Bank as per SOR.

12.6.4 The SMPS based battery chargers and VRLA batteries of each configuration and capacity as detailed in SOR offered by the bidder should have been satisfactorily working in any **Govt. Organization, PSU or any reputed TELCO or Public listed company as define under Note (ii) of clause 12.1 above** for at least 12 months as on date of opening of tender in India or abroad. The certificates from actual user/s have to be submitted for this purpose along with the bid. Scanned copies of

documents to be uploaded on Portal <https://gem.gov.in>. The certificates thus submitted should contain the following details:

12.6.5 Performance statement of last three years for supply of Power Plant to Railways, BSNL, MTNL, Government PSU's & Telecom Service Providers. This Performance Statement is to be submitted in following format: -

Year	PO No & Date with description of item	Name of the purchaser	Qty. ordered	Date of delivery in the Purchase Order	Qty. Supplied within scheduled date of delivery	Qty. Supplied during 1 st extension	Qty. Supplied during 2 nd extension	Qty. Supplied during 3 rd extension
1	2	3	4	5	6	7	8	9

12.6.6 They may be deprived of any order against this tender if the information furnished is found to be incorrect later on. Correct status/supply position of pending orders, if any, should be invariably indicated. Supporting documents are to be enclosed. Photocopies of the supply/purchase orders along with the Inspection Certificates and Receipt Notes should be enclosed for ready reference, along with tender to substantiate their past performance.

13 Splitting of Quantity: Not Applicable.

14 Evaluation Criteria:

- i. The bidder shall quote the materials/equipment prices as per the price format given in the tender.
- ii. Bidder should quote for all the items. Non-quoting for all items will render the bid invalid and will not be considered for evaluation. The Offers will be evaluated on total cost.
- iii. The offers for respective Item will be determined on Total Unit Rate on CIP destination basis which will include basic rate, GST, freight, insurance and any other charge or cost quoted by the tenderer.
- iv. Offers from the tenderer's not meeting the eligibility criteria will not be considered.

15. Variation of Quantities at the Time of Award:

- 15.1 RailTel reserves the right to cancel the tender for full or part quantity tendered without assigning any reason.
- 15.2 The purchaser reserves the right to increase and / or decrease the order quantity by a quantity not exceeding 30% of the Tendered quantity on the same price and terms

& conditions during the currency of the contract, with suitable delivery schedule for the enhanced quantity.

16. Warranty:

The Power Plant is to be warranted for 24 **Months** from date of delivery or 18 months from the date of installation whichever is earlier to the consignee. The tenderer shall warrant that materials to be supplied shall be new and free from all defects and faults in material, workmanship and manufacturing and shall be of the highest grade and consistent with the established and generally accepted standards of materials of the type ordered and shall perform in full conformity with the specifications and drawings.

The supplier shall be responsible for any defects that may develop under the conditions provided by the contract and under proper use, arising from faulty materials, design or workmanship such as corrosion, inadequate quantity of material to meet item requirements, inadequate contact protection, deficiencies in design and/ or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty.

17. Training:

- 17.1 During execution of the supplies covered in the SOR in the field, the tenderer shall undertake to train RailTel Engineers and other Railway staff nominated by RailTel in different aspects of equipment designs, functioning, field installation, testing, commissioning, operation, maintenance and repair, covering both hardware and software. The training should be comprehensive for transfer of complete know-how so as to impart full knowledge and competence to independently and successfully execute the installation, operation, user related software changes, maintenance and repair of all equipment.
- 17.2 The tenderer shall arrange formal class room training as per approved course structure for 20 man-days (in two batches) which includes hands on practical experience at the manufacturer's/bidder's premises. In extra ordinary circumstances the training may be arranged through VC. Set of documents related to training to each of the trainees shall be provided. All expenses of Training shall be borne by the tenderer however expenses for travel to and from the place of training, boarding and loading of the trainees shall be borne by RailTel.

18. Payment Terms: Payment will be done after submission of the following documents:

- i. Invoice.
- ii. Delivery Challan/E-way bill
- iii. Contractor's certificate of dispatch

- iv. Undertaking against Fall Clause
- v. Inspection Certificate
- vi. Consignee's receipt
- vii. Warranty guarantee certificate of OEM
- viii. Performance Bank Guarantee
- ix. Insurance Certificate valid till installation of material
- x. OEM certificate for the ordered quantity/ material supplied as per specification.
 - a) 80% of the value of the part supply of Equipment on receipt by the consignee at site duly inspected and accompanied with above mentioned documents.
 - b) Balance 20% value of the part supply and 100% of part installation on successful installation & commissioning at site. Bidder has to install and commission the equipment within 30 days from the communication by RailTel EIC (Engineer in charge) in this regard. In case installation and commissioning is delayed due to any reason beyond the control of the Contractor then 20% payment can be released after submission of a bank Guarantee of equal amount valid for a period of one year.
 - c) **Bill Passing & Paying Authority:**

Bill passing Authority is Territory Manager of concerned Territory and bill paying Authority is GM/Fin/SR. Bills to be submitted to concerned TM of Territory for payment.

- 19.** The tenderer shall submit a notarized affidavit on a non-judicial stamp paper stating that they are not liable to be disqualified and all their statement/documents submitted along with bid are true and factual. Standard format of the affidavit to be submitted by the bidder is enclosed as **Annexure-IV. Non submission of an affidavit by the bidder shall result in summarily rejection of his/their bid.** And it shall be mandatorily incumbent upon the tenderer to identify state and submit the supporting **documents duly self-attested** by which they/he is qualifying the Qualifying Criteria mentioned in the Tender Document. It will not be obligatory on the part of Tender Committee to scrutinize beyond the submitted document of tenderer as far as his qualification for the tender is concerned.

The RailTel (RCIL) reserves the right to verify all statements, information and documents submitted by the bidder in his tender offer, and the bidder shall, when so required by the RailTel (RCIL), make available all such information, evidence and documents as may be necessary for such verification. Any such verification or lack of such verification by the RailTel (RCIL) shall not relieve the bidder of its obligations or liabilities hereunder nor will it affect any rights of the Railtel/Railway there under.

In case of any wrong information submitted by tenderer, the contract shall be terminated. Performance Guarantee (PG) of contract forfeited and agency barred for doing business on RailTel (RCIL) for 3years.

20. Online Submissions:

The bidder is required to upload and submit the following documents on line before due date & time of bid. The due date & time for closing of the bid as per GeM Bid and the bid will be opened as per GeM Bid.

- (i) EMD.
- (ii) Clause wise compliance along with all mentioned documents/annexures for all clauses of GeM Bid and ATC (Information to bidder) documents.
- (iii) Data Sheet of offered item/equipment.
- (iv) Financial (Certified copies of audited balance sheets/annual reports of last three preceding financial years) and Technical Eligibility Criteria documents.
- (v) Technical Compliance of all Specification of items as per ATC documents.
- (vi) Undertaking of Long Term Maintenance Support from OEM as per para **Annexure-II**.
- (vii) Proof of document required against Eligibility criteria of OEM (or) Authorized bidder of OEM vide para 11 / 12 as applicable.
- (viii) MAF/OEM Authorization as per **Annexure-III**.
- (ix) Notarized affidavit on a non-judicial stamp paper as per **Annexure-IV**.
- (x) Notarized Power of Attorney in name of authorized signatory as per Clause No. 23.

21. Offline documents:

Original copy of documents shall be submitted by tenderer offline at RailTel Corporation of India Ltd., 6A, 6th Floor, Gumidelli Towers, Opp: Shoppers Stop, Begumpet – 500016 at any point of time whenever asked for verification.

22. Insurance:

- 22.1 The Contractor shall take out and keep in force a policy or policies of insurance from the date, the delivery of material starts (including the transit portion) against all liabilities of the contractor or the Purchaser. The contractor shall take out and keep in force a Policy or policies of Insurance for all materials covered in schedule of requirement irrespective of whether used up in the portion of work already done or kept for the use in the balance portion of the work until such material are provisionally handed over to RailTel. The contractor should ensure the stores brought to site, against risks as required under the Emergency Risk (Goods) Insurance Act in force from time to time up to contract value.
- 22.2 It may be noted that the beneficiary of the insurance policy should be RailTel or the policies should be pledged in favour of RailTel. The contractor shall keep the policy/policies current till the item/equipment are handed over to the purchaser and I&C of the same.

23 Constitution of Firm and Power of Attorney:

- 23.1 Any individual(s) signing the tender or other documents connected therewith should specify whether he is signing: -
- (a) As sole proprietor of the concern or as attorney of the sole Proprietor.
 - (b) As partner or partners of the firm.
 - (c) As a Director, Manager or Secretary in the case of Limited Company duly authorized by a resolution passed by Board of Directors or in pursuance of the authority conferred by Memorandum of Association.
- 23.2 In the case of a firm not registered under the Indian Partnership Act, all the partners or the attorney duly authorized by all of them should sign the tender and all connected documents. The original Power of Attorney or other documents empowering the individual or individuals to sign should be furnished to the Purchaser for verification, if required.
- 23.3 The RailTel will not be bound by Power of Attorney granted by the tenderer or by the changes in the composition of the firm made subsequent to the execution of the contract agreement.
- 23.4 In case where Power of Attorney partnership deed has not been executed in English, the true and authenticated copies of the translation of the same by Advocate, authorized translators of Courts and licensed Petition Writers should be supplied by the contractor(s), while tendering of the work.
- 23.5 The duly notarized Power of Attorney shall be submitted in original at the time of bid submission as per Clause 21 above.

- Note:**
- 1) The bidder is required to give acceptance of all the clauses of **GeM bid, ATC** and RailTel's Bid Specific **ATC** document. Any deviation / non-acceptance may lead to rejection of the bid.
 - 2) Information to Bidder viz. corrigendum /addendum/ amendments etc. for this bid shall be posted on www.railtelindia.com and GeM only.
 - 3) This bid is governed by the Specific Additional Terms & Conditions and General Terms & Conditions laid down by the GeM against **GeM Bid No: GEM/2022/B/2103661**
 - 4) After opening of the technical bid no correspondence/submission of document made at the initiative of the bidder will be entertained. However, the purchaser can, if required, ask for clarifications which need to be submitted before a target date. The clarifications submitted as required by the purchaser before the target date will be considered.

In case, if any contradiction between GeM Bid, Additional Terms & Conditions, RailTel's Bid Specific Additional Terms & Conditions and General Terms & Conditions, RailTel's Bid Specific Additional Terms & Conditions will prevail.

24. Long Term Maintenance Support/AMC:

- 24.1 The bidder will submit a certificate from OEM of Battery Charger towards maintenance support after successful completion of the warranty obligations for a minimum period of 3 years. The long-term maintenance support shall be comprehensive and include all hardware and software of equipment etc. supplied against this contract. RailTel should be extend the benefits of software upgrades made by OEM on the system from time to time to improve performance. During this period the following terms and conditions shall be applicable.
- 24.2 Material from replacement shall be handed over to /taken over from contractors engineer at the RailTel's territory store or mutually agreed RailTel PoP location. The cost of replacement etc. shall be included in the quoted bid price during warranty period. During this period, the contractor shall remain responsible to arrange replacement within a week and for setting right at his own cost any equipment which is of defective manufacturing or design or becomes unworkable due to any cause whatsoever. The decision of the RailTel's representative in this regard to direct the contractor to attend to any damage or defect in work shall be final and binding on the contractor.
- 24.3 During this period the contractor shall be responsible to the extent expressed in this clause for any defects that may develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship in the plant, or from faulty execution of the plant by the contractor but not otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser's Engineer who shall state in writing in what respect the portion is faulty.
- 24.4 If it becomes necessary for the contractor to replace or renew any defective portions of the system under long term maintenance support/AMC shall apply to the portions of the plant to be replaced or renewed until the expiration of three months from the date of such replacement or renewal or until the end of the support period whichever may be later. If any defect is not remedied within reasonable time, the purchaser may proceed to do the work at contractor's risk and expense, but without prejudice to any other rights which the purchaser may have against the contractor in respect of such defects.
- 24.5 Tenderer/OEM, shall be paid @3.5% of supply cost per annum towards Long Term Maintenance support after completion of warranty period, to undertake repairs/ replacements of all type of module/card/assembly/ subassembly and update /upgrade of software released during this period and / or which may fail in the network after the warranty. Only incremental cost in % over and above this, if perceived by the OEM and Tenderer may be indicated in schedule of Requirement and shall be added towards evaluation of tender. If however the tenderer feels that his AMC cost is less than 3.5% per annum, he should give suitable discount in equipment pricing. For AMC he will be paid @3.5% per annum only. If the Tenderer quotes a higher base rate for AMC, he will be paid at his quoted rate per annum and three-year

differential cost shall be added to offered cost. AMC would have to be valid for minimum period of 3 years after the warranty.

In case tenderer quotes AMC rates lower than 3.5%, no advantage will be given to him for evaluation purposes. In case the tenderer wins the contract, his product cost will be reduced by differential (w.r.t 3.5%) AMC rates for three years & he will be paid accordingly. AMC charges to him, however be paid only @3.5% per annum on quoted product price.

- 24.6 Separate LOA/agreement for AMC after warranty period shall be entered with OEM/bidder by RailTel. A fresh Bank guarantee valid for three years for 10% of the long-term maintenance support per year as accepted by RailTel, shall be required to be submitted by OEM/Tenderer for due fulfilment of long term maintenance support obligation. If fresh Bank guarantee valid for three years for 10% of the long-term maintenance value is not submitted within warranty period, PBG of initial contract will be encashed by RailTel and firm will be blacklisted.
- 24.7 Quarterly payment for AMC Charges would be made by RailTel after successful completion of AMC services of that quarter and on the certificate furnished by concerned RailTel representative of the Executive director of the Region. No payment to be released unless Bank Guarantee as per 24.6 is submitted.

25. DENIAL CLAUSE - Supplier will not be entitled to any benefit of upward statutory variations in GST rates Announced after expiry of the original Delivery Period as per purchase order & in Case of reduction in GST rates if any, benefit will be passed on to RailTel at any stage Of the contract.

26. Technical Specification - Power Plant :

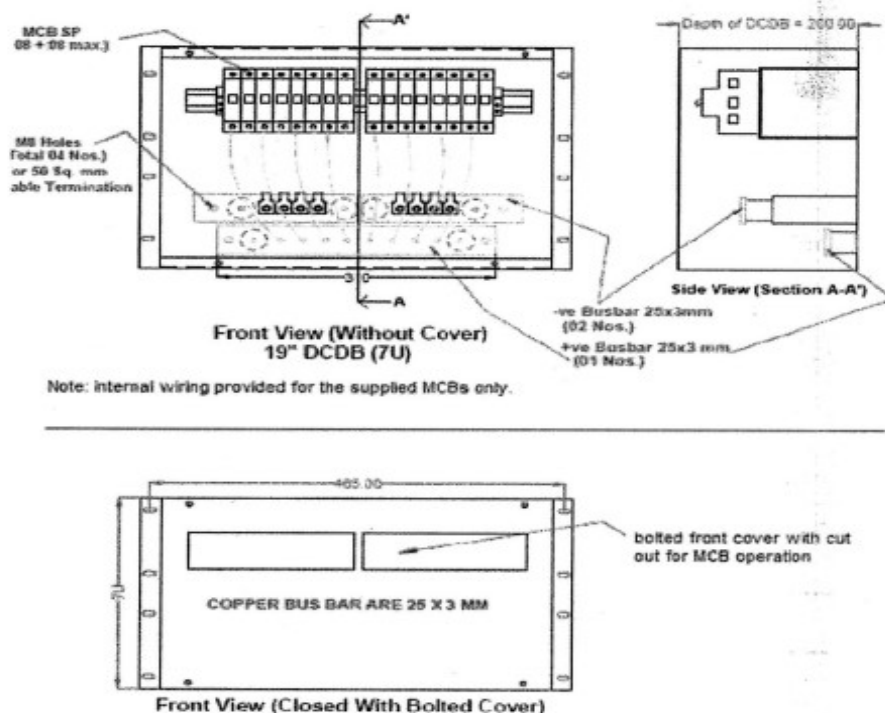
26.1 TEC Specification for VRLA Battery and SMPS Battery charger

Clause No/Page No.	As per ATC document	To be read as
ATC CI 26.1, Page 12 TEC Specification for VRLA Battery and SMPS Battery charger	i. SMPS Battery Charger should conform to TEC/BSNL specification with valid certification to the OEM: No.: BSNL/Specification/SMP – 001/01/Rev -1/September.2015 or latest amendments suitable for Telecom Network. OR No.: TEC/GR/FA/SMP-001/07/MAR-17 Rev.2.0 or latest amendments suitable for Telecom Network.	i. SMPS Battery Charger should conform to TEC/BSNL specification with valid certification to the OEM: No.: BSNL/Specification/SMP – 001/01/Rev -1/September.2015 or latest amendments suitable for Telecom Network. OR No.RDSO/SPN/TL/23/99 Ver.4 Amdt.1 or latest amendments suitable for Telecom Network.

	ii. VRLA Battery Bank should conform to TEC/BSNL specification with valid certification to the OEM: No. TEC/GR/TX/BAT-001/04. JUNE.2011 or latest amendments suitable for Telecom Network iii. 48V capacity to be achieved with 2V X 24 cells for each bank.	OR No.:TEC/GR/FA/SMP-001/07/MAR-17 Rev.2.0 or latest amendments suitable for Telecom Network. ii. VRLA Battery Bank should conform to TEC/BSNL specification with valid certification to the OEM: No. TEC/GR/TX/BAT-001/04. JUNE.2011 or latest amendments suitable for Telecom Network iii. 48V capacity to be achieved with 2V X 24 cells for each bank.
Clause 26.1.1 of ATC	New Clause	For Lightening & Surge Protection of Battery Chargers: The technical specification of Lightening Protection Unit (LPU) and Surge Protection Devices (SPD) for SMPS based power plant battery charger 48V for telecom use should confirm to TEC GR No. TEC/GR/FLA/LSP-001/01 June 2010 or latest.
Clause 26.1.2 of ATC	New Clause	The chargers should be provided with 3 or more nos. of potential free contacts which the following alarms (on "NO" contacts) should be extended (one for Alarm & one redundant). i) AC Mains fail ii) Low D.C voltage (at 46 Volt preferably adjustable). iii) SMR module failure

26.2 DC distribution Box (DCDB):

**D: DC distribution Box (DCDB) ((SOR-A-I, SOR-A-II & SOR-A-III)):
WALL/RACK MOUNTED DUAL POWER SUPPLY D.C.
DISTRIBUTION BOX**

**The following shall be the part of this box:**

1. Nuts/Bolts for fixing the DCDB on rack (min 4 Nos.).
2. Bolts/screws for fixing of the box cover on base unit (Min 4 numbers).
3. Bolts/screws (Brass make for cable fixing on +ve and -ve Bus bar (Min.8 number)
4. Arrangement for fixing MCBs on the base unit of distribution box.
5. The material shall be MS with minimum 1.6mm thickness powder coated in light grey colour.
6. The MCBs to be supplied are only six Nos. SP16/20/32 & two nos. 40/63A of reputed make like Havells/MDF Legrend/Indo Kup etc. along with input feeds from bus bars using thimbles etc.
7. Cable entry holes should preferably be provided with suitable soft material (rubber type) to prevent the damage to the cables from hard metal of the box.
8. The min. dimensions of copper bus bars shall be 25x3 sq mm for 100 amp (SOR-I & SOR-II, 25x12.5 sq mm or suitable dimensions for 450 Amp (SOR-III).
9. The +ve and -ve bus bars (made of copper) should be painted with red and blue color respectively all over except near the point of contracts of cable thimbles.

26.3 Installation:**i) Scope of Installation & Commissioning of SMPS based battery chargers.**

- 1 Otherwise conforming to TEC Technical specification, Bidders are encouraged to offer Chargers with minimum foot print.
- 2 The length (Average) and specifications of cable used for each site will be as under:

Please find herewith the scope of installation, length of cable and specifications of cable used for each site. The cable will be multi-strand copper cable.

Scope of installation	Length of cable (maximum)	Specification of cable for 25A single phase (3+1) battery charger	Specification of cable for 25A single phase (6+2) / battery charger	Specification of cable for 100 A three phase (6+2) battery charger
AC main to charger	+25Mtr	16 sqmm copper (Red & black)	16 sqmm copper (Red & black)	150 sq mm, 2-Core, copper (Red & Black)
Charger to load	+25Mtr	35 sqmm copper, (Red & Black)	35 sq mm copper, (red & black)	185 sq mm copper (Red & Black)
Charger to battery	+25Mtr	35 sqmm copper, (Red & Black)	35 sq mm copper, (Red & Black)	185 sq mm copper (Red & Black)
Earth cable	+25Mtr	16 sqmm copper (green)	16 sqmm copper (green)	35 sq mm copper (green)

*** All the cables as per minimum specifications (for satisfactory commissioning for rated capacity) referred above required for installation and commissioning of Battery Chargers & Battery sets, as per the site requirement shall have to be supplied by the vendor.**

- 3 All the materials such as DCDB with all accessories, ladder, GI/PVC conduit pipes, channels, necessary hardware etc, thus required for the purpose of installation and commissioning of Battery Chargers as well as batteries shall be provided by the vendor. RailTel shall only provide the AC point from where the AC supply is to be tapped for the battery chargers.

ii) Scope of Installation & Commissioning of VRLA batteries

- a) Bidder has to erect and commission the battery bank.
- b) Bidder has to record the individual cell and output voltages in charge mode.
- c) Bidder has to visit during final commissioning and integration with charger as and when required.

26.4 Remote Control and Monitoring System: Deleted

The firm has to design, supply, Testing, commissioning and Integration with Network Operating Centre at Secunderabad with Remote Control and Monitoring System to monitor and control the parameters of remote location as detailed below. The Remote-Control System Supplied shall generally confirm to “**Integrated Power Unit: BSNL Electrical wing specification No. EW-01A/20110**”. The system thus supplied should be capable for integration up to 1000 nodes/sites.

The equipment shall be capable to monitor the following parameters:

SN	Alarm/Status
1	Door Open/Close
2	DG failed to start
3	DG failed to stop
4	Low Lube Oil Pressure
5	DG Battery Voltage below threshold
6	DG high water temperature alarm/high canopy temp. alarm
7	Diesel level in DG tank There should be alarm whenever the diesel level is below any/all the following levels:- (i) 75% of the tank capacity. (75% level) (ii) 50% of the tank capacity (Re-order level) (iii) 25% of the tank capacity (emergency level)
8	Supply voltage periodic data as well as when supply below threshold
9	DG Kilo watt hour
10	Power plant output fail
11	All remaining alarms for which potential free contacts are provided from the power plant.
12	System battery voltage below thresholds System 1 (no of battery banks to be monitored shall be as per power plant configuration, subject to a maximum of two banks)
13	System battery voltage below thresholds System 2 (no of battery banks to be monitored shall be as per power plant configuration, subject to a maximum of two banks)
14	High Room Temperature alarm
15	EB Kilo watt hour periodic data
16	EB available or not
17	DG output available or not
18	Site on battery or not
19	DG RYB/Single phase voltage periodic data as well as when each phase outside permissible limit (settable)

20	DG Output available or not
21	DG Run hours
22	Run hours for BTS system on Battery
23	AC 1 fail
24	AC 2 fail
25	Camera monitoring of remote site

27.0 Contact Details for general Information:

RailTel Contact-I: Shri Ch.Venkat Rao, Asst.GM (Mobile: 98662 47962)

RailTel Contact-II: Shri M.Murali Krishna, DGM (Mobile: 98662 47955)

Annexure-I (Amended)**SOR: A-I : SCHEDULE OF REQUIREMENTS (Price Schedule)**

S. No	HSN/ SAC Code	Item Description	Unit	Qty	A1 Supply/Installation					Amount (Qty*Total Unit cost) (Rs.)
					Unit Basic price (Rs.)	Unit Packing & Forwarding Charges (Rs.)	Unit Freight & Insurance charges (Rs.)	Unit CGST/ SGST/ IGST etc.@ -- % (Rs.)	Total Unit Cost destination (Rs.)	
1	8507 2000	Supply of 48V (2V X 24 cells)/ 300 AH VRLA Maintenance free Battery banks as per Technical Specification in cl 26 of ATC	Sets	76						
2	9954 68	Installation & Commissioning charges for VRLA Battery Bank supplied in item No.1 above.	Sets	76						
Total Cost of Schedule-SOR A-1										
In words in Rs.										

SOR: A-II : SCHEDULE OF REQUIREMENTS (Price Schedule):

S. No	HSN/ SAC Code	Item Description	Unit	Qty	A-II Supply/Installation					Amount (Qty*Total Unit cost) (Rs.)
					Unit Basic price (Rs.)	Unit Packing & Forwarding Charges (Rs.)	Unit Freight & Insurance charges (Rs.)	Unit CGST/ SGST/ IGST etc.@ -- % (Rs.)	Total Unit Cost (Rs.)	
1	8504 4029	Supply of 230V AC/ 48V DC 200 Amp UC with 25 Amp (6+2), Single Phase SMPS based battery chargers with two (2) battery paths for VRLA Maintenance	Nos	47						

		free battery along with Lightning protection unit (LPU), Surge protection device, DCDB and remote monitoring including relays, sensors, camera, accessories, wiring etc (with all connecting materials) as per Technical Specification in cl 26 of ATC								
2	8507 2000	Supply of 48V (2V X 24 cells)/ 600 AH VRLA Maintenance free Battery sets as per Technical Specification in cl 26 of ATC	Sets	104						
3	9954 68	Installation & Commissioning charges for SMPS charger supplied in SOR: A-II item No.1 above.	No	47						
4	9954 68	Installation & Commissioning charges for Battery Bank supplied in SOR: A-II item No.2 above.	Sets	104						
Total Cost of Schedule SOR -A-II										

SOR: B-II: SCHEDULE OF REQUIREMENTS for AMC

SI No	HSN/SAC Code	Item Description	Unit	Qty	Rate in (Rs.)	Amount in (Rs.)	GST @ 18%	Total AMC charges
1	9987	AMC charges for SMPS chargers for 3years after warranty period calculated on base price of supplied SMPS Charger as mentioned in items 1, SOR- A-II as per ATC per clause 24.	No	47				

	In words in Rs	
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SOR: A-III : SCHEDULE OF REQUIREMENTS (Price Schedule) :

S. No	HSN/ SAC Code	Item Description	Unit	Qty	A-III Supply/Installation					Amount (Qty*Total Unit cost) (Rs.)
					Unit Basic price (Rs.)	Unit Packing & Forwarding Charges (Rs.)	Unit Freight & Insurance charges (Rs.)	Unit CGST/ SGST/ IGST etc.@ --% (Rs.)	Total Unit Cost destination(Rs.)	
1	8504 4029	Supply of 440V AC/ 48V DC 800 Amp UC with 100 Amp (6+2), Three Phase SMPS based battery charger with two (2) battery paths for VRLA Maintenance free battery along with Lightening protection unit (LPU), Surge protection, DCDB and remote monitoring including relays, sensors, camera, accessories, wiring etc (with all connecting materials) as per Technical Specification in cl 26 of ATC	No.	1						
2	8507 2000	Supply of 48V (2V X 24 cells)/ 3000 AH (3x1000 AH) VRLA Maintenance free Battery sets as per Technical Specification in cl 26 of ATC	Sets	5						
3	9954 68	Installation & Commissioning charges for SMPS charger supplied in SOR: A-III item No.1 above.	No	1						
4	9954 68	Installation & Commissioning charges for Battery Bank supplied in SOR: A-III item No.2 above.	Sets	5						

Total Cost of Schedule-SOR -A-III								
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SOR: B-III: SCHEDULE OF REQUIREMENTS for AMC

Sl No	HSN/SAC Code	Item Description	Unit	Qty	Rate in (Rs.)	Amount in (Rs.)	GST @ 18%	Total AMC charges
1	9987	AMC charges for SMPS chargers for 3years after warranty period calculated on base price of supplied SMPS Charger as mentioned in items 1, SOR- A-III as per ATC per clause 24.	No	1				
		In words in Rs						

Total amount of SCHEDULE OF REQUIREMENTS (AI+AII+AIII + BI+BII+BIII):

Sl. No	Item Description	Unit	Qty	Rate in (Rs.)	Amount incl.GST(Rs.)
1	Supply and Installation & Commissioning of power plant as mentioned in SOR A-I, A-II, A-III and AMC charges as per SOR B-II & B-III.	Lumps um	1		

Note: Unit Packing & Forwarding charges are inclusive of loading & unloading charges.

SOR: C

Sl. No	Item Description	Unit	Qty	Rate in (Rs.)	GST @ 28%	Amount (Rs.)
1	Supply and installation of de-rated 2V / 300 AH VRLA Maintenance free Battery Cell for 48V/300AH Battery Bank supplied against SOR A-I	Lumps um	1			
2	Supply and installation of de-rated 2V / 600 AH VRLA Maintenance free Battery Cell for 48V/600AH Battery Bank supplied against SOR A-II	Lumps um	1			
3	Supply and installation of de-rated 2V/1000 AH VRLA Maintenance free Battery Cell for 48V/3000AH Battery Bank supplied against SOR A-III	Lumps um	1			

Note:-There will be no AMC/repair contract for VRLA Batteries. However, bidder has to quote the basic rate of each unit cell of the battery in the BOM and should agree to supply the item for **de-rated** cell of required capacity for a period of 3 years after warranty. **RailTel will place an order as and when required as per the rates quoted/negotiated in SOR-C.**

Annexure-II

PROFORMA FOR THE LONG-TERM MAINTENANCE SUPPORT

**Executive Director,
Southern Region,
RailTel Corporation of India Ltd.**

Dated:

.....
.....
.....

Applicable for OEM directly participating in the Bid.

I / We hereby confirm that we have read specifications & conditions of GeM Bid No:GEM/2022/B/2103661 and accept that the requirement of Long Term Maintenance Support as per Clause 17 shall be met by us **directly or through our subsidiary in India** as per rates quoted in the Price Bid. I / We shall provide services as per terms and conditions pertaining to Long Term Maintenance Support of tender document.

Or

Applicable for Authorized Distributor/Partner of OEM

I / We hereby confirm that we have read specifications & conditions of GeM Bid No. GEM/2022/B/2103661 and accept that the requirement of Long Term Maintenance Support as per Clause 17 shall be met by Authorized Distributor/Partner of OEM. However, if Authorized Distributor/Partner fails to fulfil the support obligation due to any un-foreseen circumstances, the same shall be provided by us **directly or through our subsidiary in India for the mentioned/remaining period at the quoted prices by the bidder. I/We have gone through the requirement mentioned in the Bid Document and shall provide services as per terms and conditions pertaining to Long Term Maintenance Support of Bid document.**

(Signature of Firm's Authorized Officer)

Seal

Signature of witness:

.....
.....

Note: Please Strike out whichever is not applicable.

Annexure-III

**Executive Director,
Southern Region,
RailTel Corporation of India Ltd.**

.....
.....
.....

Subject: Manufacturer Authorisation form (MAF) to M/s for

.....

Ref: GeM Bid No. GEM/2022/B/2103661 dated:11.04.2022

Dear Sir,

We, M/s....., are established and reputed manufacturer and service provider of
.....(Provision of battery & charger details), having our registered office at

.....
We hereby authorise M/s (bidder name), Office
..... to participate in bid and subsequently upon
award of the bid to execute the supply and Installation & Commissioning of our range of
products against your above said bid.

We further extend our warranty for years for our range of products offered by
M/s against the above-said bid.

Thanking you,
Best regards,

Authorised Signatory

Annexure-IV**FORMAT FOR AFFIDAVIT TO BE UPLOADED BY TENDERER ALONG WITH THE TENDER DOCUMENTS**

(To be executed in presence of Public notary on non-judicial stamp paper of the value of Rs.100/-. The stamp paper has to be in the name of the tenderer)**

I..... (Name and designation)** appointed as the attorney/authorized signatory of the tenderer (including its constituents),
M/s._____ (hereinafter called the tenderer) for the purpose of the Tender documents for the work of

as per the tender No._____ of (-----Railway), do hereby solemnly affirm and state on the behalf of the tenderer including its constituents as under:

- (i) I/We the tenderer (s) am/are signing this document after carefully reading the contents.
- (ii) I/we the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
- (iii) I/We hereby declare that I/We have downloaded the tender documents from RailTel's website www.railtelindia.com or GeM Portal gem.gov.in. I/We have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenderer's, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
- (iv) I/We declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
- (v) **I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.**
- (vi) **I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents submitted by us.**
- (vii) I/We undersigned that if the certificates regarding eligibility criteria submitted by us are found to be forged/false or incorrect at any time during process for evaluation of tenders, it shall lead to forfeiture of the tender EMD besides banning of business for five year on entire IR. Further, I/we (*insert name of*

the tenderer) ** _____ and all my/our constituents understand that my/our offer shall be summarily rejected.

- (viii) I/we also understand that if the certificates submitted by us are found to be false/forged or incorrect at any time after the award of the contract, it will lead to termination of the contract, alongwith forfeiture of EMD/SD and Performance Guarantee besides any other action provided in the contract including banning of business for five year on entire IR.

**DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER**

VERIFICATION

I/We above named tenderer do hereby solemnly affirm and verify that the contents of my/our above affidavit are true and correct. Nothing has been concealed and no part of it is false.

**DEPONENT
SEAL AND SIGNATURE
OF THE TENDERER**

Place:

Dated:

** The contents in Italics are only for guidance purpose. Details as appropriate are to be filled in suitably by tenderer. Attestation before Magistrate/Notary Public.

Annexure - V

**Guarantee Bond for Performance Guarantee
(On Stamp Paper of requisite value)
(To be used by approved Scheduled Banks)**

1. In consideration of the RailTel Corporation of India Limited, Registered office at Plate-A, 6th Floor, Office Block, Tower-2, East Kidwai Nagar, New Delhi-110023 and Regional office at RailTel Corporation of India Ltd, 6A, 6th Floor, Gumidelli Towers, Begumpet, Hyderabad-50016 (hereinafter called "the RailTel") having agreed to exempt **(Name and address of the Company/ Contractor both Registered and Regional office address)** (hereinafter called "the said Contractor(s)") from the demand, under the terms and conditions of an L.O.A No..... Dated..... [L.O.A Date] made between and RailTel Corporation of India Limited, for [Name of Work/Supply of Materials] (hereinafter called "the said Agreement") of **Performance Guarantee** for the due fulfilment by the said contractor's) of the terms and conditions contained in the said Agreement, or production of a Bank Guarantee for Rs..... (Rs. Only). We, (indicate the name of the Bank and address) hereinafter referred to as " the Bank") at the request of. M/s..... Contractor(s) do hereby undertake to pay the **RailTel** an amount not exceeding Rs. Against any loss or damage caused to or suffered or would be caused to or suffered by the RailTel by reason of any breach by the said Contractor(s) of any of the terms or conditions contained in the said Agreement.
 2. We, Bank (indicate the name of the Bank and address) do hereby undertake to pay the amount due and payable under this Guarantee without any demur, merely on demand from the **RailTel** stating that the amount is claimed is due by way of loss or damage caused to or would be caused to or suffered by the **RailTel** by reason of breach by the said Contractor(s) of any of terms or conditions contained in the said Agreement or by reason of the Contractor(s) failure to perform the said Agreement. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.
 3. We, Bank (indicate the name of the Bank and address) undertake to pay to the **RailTel** any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) / Supplier(s) in any suit or proceedings pending before any court or Tribunal relating thereto our liability under this present being, absolute and unequivocal.
- The Payment so made by us under this Bond shall be a valid discharge of our liability for payment thereunder and the Contractor(s) / Supplier(s) shall have no claim against us for making such payment.
4. We, Bank (indicate the name of the Bank and address) further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said

Agreement and that it shall continue to be enforceable till all the dues of the RailTel under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till **RailTel** certifies that the terms and conditions of the said Agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this Guarantee. Unless a demand or claim under the Guarantee is made on us in writing on or before the
We shall be discharged from all liability under this Guarantee thereafter.

5. We,(indicate the name of the Bank and address) further agree with the **RailTel** that the **RailTel** shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the Agreement or to extend time of to postpone for any time or from time to time any of the powers exercisable by the **RailTel** against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said Agreement and we shall not be relieved from our liability by reason of any such variation, or extension to the said Contractor(s) or for any forbearance, act or omission on the part of **RailTel** or any indulgence by the **RailTel** to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have affect of so relieving us.
6. This Guarantee will not be discharged due to the change in the Constitution of the Bank or the Contractor(s) Supplier(s).
7. We, (indicate the name of Bank) lastly undertake not to revoke this Guarantee during its currency except with the previous consent of the **RailTel** in writing.
8. Notwithstanding anything contained herein,
 1. Our liability under the Bank guarantee shall not exceed Rs. (In Rupees)
 2. This Bank Guarantee shall be valid up toand
 3. We are liable to pay the guaranteed and or any part thereof under this Bank Guarantee only and only if you serve upon is a written claims or demand or before
..... (date of expiry of guarantee).

Dated the day of 2022 for

.....

.....

(Indicate the name of the Bank)

Witness:

1. Signature
Name
2. Signature
Name

Annexure – VI**Consignee Details (Power Plant)**

Sl.No	Territory	PoP Name	State	Proposed new procurement					
				Battery Bank (300AH)	Battery Bank- (600AH)	Battery Bank (3000AH)	Charger (3+1) 25A	Charger (6+2) 25A	Charger (6+2) 100A
1	SBC	Bangalore RCIL PoP	Karnataka	0	2	2	0	0	0
2		Bangalore Cantt	Karnataka	0	1	0	0	1	0
3		Kengeri	Karnataka	0	1	0	0	0	0
4		Bidadi R.S	Karnataka	0	1	0	0	1	0
5		Maddur	Karnataka	0	2	0	0	0	0
6		Akkihebalu	Karnataka	0	2	0	0	0	0
7		Hassan	Karnataka	0	3	0	0	0	0
9		Subhramanya Road	Karnataka	1	0	0	0	0	0
11		Dharmapuri	Tamilnadu	1	0	0	0	0	0
12		Tumkur	Karnataka	0	2	0	0	0	0
13		Tiptur	Karnataka	1	1	0	0	0	0
14		Arsikere	Karnataka	1	1	0	0	0	0
15		Birur	Karnataka	1	1	0	0	1	0
16		Chikkajajur	Karnataka	0	1	0	0	0	0
17		Chitradurga	Karnataka	1	0	0	0	0	0
18		Davangere	Karnataka	1	1	0	0	0	0
19		Haveri	Karnataka	2	0	0	0	1	0
20		Ramanagram	Karnataka	1	1	0	0	1	0
21		Mandya	Karnataka	1	0	0	0	0	0
22		Yelahanka	Karnataka	0	2	0	0	0	0
23		Ghataprabha	Karnataka	1	0	0	0	0	0
24		Kudachi	Karnataka	1	0	0	0	0	0
25		Belguam	Karnataka	0	1	0	0	0	0
27		Londa	Karnataka	0	1	0	0	0	0
28		Hubli	Karnataka	0	3	0	0	0	0
29		Gadag	Karnataka	2	0	0	0	0	0
30		Hospet	Karnataka	2	0	0	0	0	0
31		Bellary	Karnataka	2	0	0	0	0	0
32		Dodballpur	Karnataka	0	1	0	0	0	0
33		Penukonda	Andhra Pradesh	1	0	0	0	0	0
35		Whitefield	Karnataka	0	1	0	0	1	0
36		Bangerpet	Karnataka	1	1	0	0	1	0
38		Nidavanda	Karnataka	2	0	0	0	0	0
40		Chikbanavar	Karnataka	1	0	0	0	0	0
41		Dharward MW	Karnataka	1	0	0	0	0	0
43		Alnawar	Karnataka	1	0	0	0	0	0
44		Malur	Karnataka	1	0	0	0	0	0
		Sub Total		27	30	2	0	7	0

Sl.No	Territory	PoP Name	State	Proposed new procurement					
				Battery Bank (300AH)	Battery Bank- (600AH)	Battery Bank (3000AH)	Charger (3+1) 25A	Charger (6+2) 25A	Charger (6+2) 100A
45	Chennai (MAS)	Arakkonam	Tamilnadu	0	0	0	0	1	0
46		Chennai central	Tamilnadu	1	1	0	0	0	0
47		Chennai park	Tamilnadu	1	0	0	0	0	0
49		Walajah road	Tamilnadu	1	0	0	0	0	0
50		Chepauk	Tamilnadu	1	0	0	0	0	0
51		EGMORE	Tamilnadu	0	2	2	0	1	1
53		Velachery	Tamilnadu	1	0	0	0	0	0
54		Gummidipundi	Tamilnadu	1	0	0	0	0	0
55		Ponneri	Tamilnadu	1	0	0	0	0	0
56		Thiruvallur	Tamilnadu	0	1	0	0	1	0
57		Sullurpeta	Andhra Pradesh	0	1	0	0	0	0
58		Tambaram	Tamilnadu	0	1	0	0	0	0
59		Chengalpattu	Tamilnadu	0	1	0	0	0	0
61		Tindivanam	Tamilnadu	1	0	0	0	0	0
62		Tiruvanamalai	Tamilnadu	1	0	0	0	0	0
63		ARANI ROAD	Tamilnadu	1	0	0	0	0	0
64		Pondicherry	Pondicherry	0	1	0	0	0	0
66		Ariyalur	Tamilnadu	1	0	0	0	0	0
67		Trichirappalli	Tamilnadu	0	3	0	0	0	0
69		Tiruvavur	Tamilnadu	0	1	0	0	1	0
70		Jolarpettai	Tamilnadu	0	1	0	0	0	0
71		Dasampatti	Tamilnadu	1	0	0	0	0	0
72		Salem	Tamilnadu	0	1	0	0	0	0
73		Erode	Tamilnadu	0	4	0	0	1	0
74		Karur	Tamilnadu	1	0	0	0	0	0
75		Namakkal	Tamilnadu	1	0	0	0	0	0
76		Tiruppur	Tamilnadu	1	0	0	0	0	0
77		Ooty (Udhagamandalam)	Tamilnadu	1	0	0	0	0	0
78		Mettupalayam	Tamilnadu	1	0	0	0	0	0
79		Coimbatore	Tamilnadu	0	2	0	0	0	0
		Sub Total		17	20	2	0	5	1
80	Ernakulam (ERS)	Palghat	Kerala	0	1	0	0	1	0
81		Mangalore	Karnataka	0	1	0	0	1	0
82		Kottayam	Kerala	0	1	0	0	1	0
83		Ernakulam MW	Kerala	0	1	0	0	1	0
84		Alleppy	Kerala	0	1	0	0	1	0
85		Dindigul	Tamilnadu	0	1	0	0	1	0
86		Maduari	Tamilnadu	0	1	0	0	2	0
87		Tirunelveli	Tamilnadu	0	1	0	0	1	0
		Sub Total		0	8	0	0	9	0

Sl.No	Territory	PoP Name	State	Proposed new procurement					
				Battery Bank (300AH)	Battery Bank- (600AH)	Battery Bank (3000AH)	Charger (3+1) 25A	Charger (6+2) 25A	Charger (6+2) 100A
89	Vijayawada (BZA)	Visakhapatnam	Andhra Pradesh	0	0	0	0	2	0
90		Nellore	Andhra Pradesh	0	1	0	0	1	0
91		Bapatla	Andhra Pradesh	0	1	0	0	1	0
92		Tenali	Andhra Pradesh	0	2	0	0	2	0
93		Tadepalligudem	Andhra Pradesh	0	1	0	0	1	0
94		Venkatagiri	Andhra Pradesh	1	0	0	0	0	0
95		Renigunta	Andhra Pradesh	0	1	0	0	0	0
96		Tirupati	Andhra Pradesh	1	1	0	0	0	0
97		Pakala	Andhra Pradesh	1	0	0	0	0	0
99		Koduru	Andhra Pradesh	1	1	0	0	0	0
100		Rajampeta	Andhra Pradesh	1	1	0	0	0	0
101		Kadapa	Andhra Pradesh	0	1	0	0	0	0
102		Yerraguntla	Andhra Pradesh	1	1	0	0	0	0
103		Guntakal	Andhra Pradesh	0	1	0	0	0	0
104		Adoni	Andhra Pradesh	1	1	0	0	0	0
105		Raichur	Karnataka	1	2	0	0	0	0
106		Yadgir	Karnataka	1	1	0	0	0	0
107		Wadi	Karnataka	0	1	0	0	0	0
108		Dhone	Andhra Pradesh	2	0	0	0	0	0
109		Gooty	Andhra Pradesh	1	2	0	0	0	0
110		Tadipatri	Andhra Pradesh	1	1	0	0	0	0
		Sub Total		13	20	0	0	7	0

Sl.No	Territory	PoP Name	State	Proposed new procurement					
				Battery Bank (300AH)	Battery Bank- (600AH)	Battery Bank (3000AH)	Charger (3+1) 25A	Charger (6+2) 25A	Charger (6+2) 100A
111	Secunderabad (SC)	Mudked	Maharastra	0	2	0	0	2	0
112		Nanded	Maharastra	0	2	0	0	2	0
113		Parbhani	Maharastra	0	2	0	0	2	0
114		Satuna	Maharastra	0	2	0	0	2	0
115		Jalna	Maharastra	0	2	0	0	2	0
116		Awarngabad	Maharastra	0	2	0	0	2	0
117		Rotegoan	Maharastra	0	2	0	0	2	0
118		Kesamudram	Telangana	0	1	0	0	1	0
119		Dornakal	Telangana	0	1	0	0	1	0
120		Khammam	Telangana	0	1	0	0	1	0
121		Madhira	Telangana	0	1	0	0	1	0
122		Lingampalli	Telangana	0	1	0	0	1	0
127		Kamalanagar	Karnataka	2	0	0	0	0	0
129		Zahirabad	Telangana	1	0	0	0	0	0
130		Vikarabad	Telangana	0	1	0	0	0	0
131		Tandur	Telangana	0	2	0	0	0	0
133		Kurnool Town	Andhra Pradesh	2	0	0	0	0	0
134		Gadwal	Telangana	2	0	0	0	0	0
135		Mahaboobnagar	Telangana	2	0	0	0	0	0
136		Shadnagar	Telangana	2	0	0	0	0	0
137		Manoharabad	Telangana	2	0	0	0	0	0
138		Kamareddy	Telangana	2	0	0	0	0	0
139		Nizamabad	Telangana	2	0	0	0	0	0
140		Basara	Telangana	2	0	0	0	0	0
141		Secunderabad	Telangana	0	4	1	0	0	0
		Sub Total		19	26	1	0	19	0
		Grand Total		76	104	5	0	47	1

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