



**JODHPUR VIDYUT VITRAN NIGAM LIMITED
(MATERIAL MANAGEMENT & CONTRACT)**

NEW POWER HOUSE, INDUSTRIAL AREA, JODHPUR -342003

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Corporate Identity Number (CIN)-U40109RJ2000SGC016483 GST No. 08AAACJ8578R1ZJ

TENDER SPECIFICATION NO. JdVVNL/SE (MM&C)/EIIAII/TN-1559

Tenders are hereby invited in e-tender system for purchase of **Supply, Installation , Commissioning & Testing of 2 volt 800 AH VRLA Type Battery for 160 KVA UPS and Buy-back of existing batteries with Stand.** Tenders are to be submitted online in electronic format on website <http://eproc.rajasthan.gov.in>.

The details are as under-

S.No.	Name of Item	Quantity
1	Supply, Installation , Commissioning & Testing of 2 volt 800 AH VRLA Type Battery for 160 KVA UPS and buy-back of existing batteries with stand	360 Nos.

A	NIT No.	TN-1559
B	Cost of tender specifications	Rs.2950.00 (Two Thousand Nine Hundred Fifty Only) For MSME of Rajasthan Rs. 1475.00 (One Thousand Four Hundred Seventy Five)
C	Processing fee of RISL	Rs.1000.00 (One Thousand Only)
D	Bid security to be deposited	General Bidder : Rs 50,000,.00 Sick Unit of Rajasthan : Rs 25,000.00 SSI unit of Rajasthan: Rs. 12500.00 *
E	Validity	120 days from the next date of opening of techno-commercial bid.
F	Base date for price variation	1st day of one month prior to the date of opening of technical bid.

***In case SSI unit of Rajasthan quotes quantity less than the tendered quantity , then they are required to furnish Bid security @ 0.5% of the estimated value of the quantity offered by them, failing which bid shall be considered non-responsive.**

The micro , small & Medium Scale Industries of Rajasthan and sick Industries , other than Small Scale Industries , whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR) shall furnish self attested documentary evidence duly attested by notary to claim the above.

IMPORTANT DATES

S.N.	Events	Date & Time	Location
1	Date of downloading of tender specifications	Up to 10.07.2019 (06:00 PM)	www.jdvvn.com & http://eproc.rajasthan.gov.in
2	Deposit of cost of Tender Specifications & Earnest Money and furnishing of Processing fee	Up to 10.07.2019 (04:00 PM)	Office of Sr. A.O (Cash & CPC) / SE (MM&C), JdVVNL , New Power House, Industrial Area, Jodhpur
3	Last Date & time of submission of electronic bid	Up to 11.07.2019 (12:00 PM)	http://eproc.rajasthan.gov.in
4	Opening of Technical Bid	11.07.2019 03:00 PM)	http://eproc.rajasthan.gov.in
5.	Opening of Price Bid	To be intimated separately to the qualified bidders	http://eproc.rajasthan.gov.in

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1. Tender documents will be made available on e-Tendering portal www.eproc.rajasthan.gov.in The bidders, in their own interest are requested to read very carefully the tender document before submitting the bid only through online on website www.eproc.rajasthan.gov.in . The bidders can download bid up to 04:00 p.m. one day prior to schedule date of opening of respective bid mentioned above documents and submit their bids online up to 12:00 p.m. on schedule of respective bid mentioned above.
2. Eligible bidders should submit their bid well in advance instead of waiting till last date JdVVNL will not be responsible for non-submission of bids due to any website related problems.
3. The cost of Tender specification **Rs. 2950/-** (Non-Refundable) to be paid by Demand Draft in Favour of the Sr. Accounts officer(Cash & CPC), JdVVNL, Jodhpur and tender processing fees **Rs. 1000/-** shall be payable by demand draft in favour of The Managing Director RISL, Jaipur (Non- Refundable). The bidders are required to deposit all these payments in the office of the SE(MM&C), JdVVNL, Jodhpur up to 4.00 PM one day prior to date of tendering otherwise their bids are liable to be rejected.
4. The Bid Security amount (as applicable) to be paid by demand draft/banker's cheque in favour of SR.AO(CASH & CPC), JDVVNL, Jodhpur (Payable at jodhpur) 342003 **up to 4.00 p.m prior one WORKING day of schedule date of opening** of respective bid or Bank guarantee, in specified format, of a scheduled bank in favour of superintending Engineer (MM&C), JDVVNL, Jodhpur **up to 4.00 p.m. prior one WORKING day of schedule date of opening** of respective bid and obtain a receipt/acknowledgement thereof. No other mode of deposit shall be accepted. At the time of depositing the Bid Security amount or Bank Guarantee, the bidder shall also furnish self attested and duly attested by Notary, the documentary evidence of SSI unit of Rajasthan or of sick unit (as applicable). Along with affidavit as per schedule X on non-judicial stamp of Rs. 100.

The Bank Guarantee against Bid Security be issued by Nationalized / Scheduled Bank. The same may be accepted after confirmation by issuing Bank. If any Bid Security Bank Guarantee is not in proper format / not confirmed by the issuing Bank the same would not be accepted and the bidder would be immediately sorted out from bid process.

SECTION-III**TECHNICAL SPECIFICATION FOR 360 V (SET OF 180 NO.S OF 2 volt) - 800 AH VRLA type MAINTENANCE FREE BATTERY SETS AGAINST TN - 1559****1. SCOPE:**

The specification covers design, manufacture/ fabrication shop test and installation commissioning and testing, offer for inspection , testing and checking before delivery of lead acid maintenance free battery sets along with accessories duly packed suitable for 160 KVA UPS and indoor installation at Disaster Recovery Centre, NPH premises, Jodhpur. These equipments are to be completed in every respect, details to the functions designated and to the entire satisfaction of the purchaser.

Two no.s of Battery Banks each consisting of 180 no.s of 2volt 800 AH batteries for 2 (two) no.s 160 KVA UPS are to be installed for Servers at Disaster Recovery Centre, Jodhpur within specified available space of each size 5580 mm X 975 mm.

It is required that the supplier in accepting the contract agrees to furnish all apparatus, appliances and material whether specifically mentioned or not but which may be found necessary to complete to perform and testing any of the herein specified equipment(s) for compliance with the requirements implied without extra charges. The erection/ maintenance tools and specific tools if any will also form part of supply.

Consideration may be given by the purchaser to alternatives which the supplier considers advisable by reason of his own manufacturing requirements and experience, provided descriptive matter is submitted pointing out the recommended device or arrangements equal to or superior to that required by the accompanying specification with full justification.

Firm will specifically mention/quote the rates for buy-back of existing battery bank of Exide make 360 nos 2 volt 800 AH VRLA type with Steel Frame stand.

2. CLIMATIC CONDITIONS:

i	Peak ambient temperature in shade	50 Degree C
ii	Maximum average ambient temperature in a 24 hours period in shade.	40 Degree C
iii	Maximum yearly weighted average ambient temperature	35 Degree C

iv	Maximum temperature attainable by an object exposed to sun.	60 degree C
v.	Maximum relative humidity.	100%
vi	Average number of thunder storm days per annum.	40
vii	Average number of rainy days per annum.	100
viii	Average annual rainfall	10-100 cm
ix	Number of months of tropical monsoon conditions	4 months
x	Maximum wind pressure.	100 Kg/Sq.m
xi	Altitudes	Not exceeding 1000 mtrs.

3. STANDARDS:

All material and equipments used for battery set shall comply in all respect with the requirements of the latest edition of the relevant Standards. The tenderer shall quote for sealed maintenance free batteries complying to relevant standard of BS-6290 (Part-IV) 1997 and IEC 60896-21 and 22, IEEE-1188/1189, IS 15549:2005. Equipment meeting the requirements of any other authoritative standards which ensures a quality equal to or better than that as per the standards mentioned above, shall also be acceptable. Where the equipment conforms to any other standards, salient points of difference between the standards adopted and the specified standards shall be clearly brought out in the tender.

4 PRINCIPAL PARAMETERS:

The Battery sets to be supplied by the supplier shall meet the requirement of BS-6290(Part-IV)1997 and IEC 60896-21 and 22 , IEEE-1188/1189 , IS 15549:2005 with latest edition or equivalent and shall be suitable for continuous operation for the climatic conditions specified in the specification. The batteries shall be suitable for float quick charging. The floating voltage shall be regulated to within 1% of the normal voltage when the required load is discharged by the battery.

Battery sets shall be maintenance free, sealed type in thermoplastic containers with minimum expected life of 15 years. The batteries shall include metallic trays/ racks painted with acid resistant paint and mount on racks with other equipment required to provide a complete operational battery sub system (battery bank) of 180 no.s. Battery sets shall be capable of operating at a peak ambient temperature of 50 Deg.C. without degradation of performance and deterioration of expected life. The average ambient temperature shall be 35 Deg.C.. The offered battery shall be compact and shall require no regular maintenance. All safety equipment required for installation shall be provided by the manufacturer.

Depending upon the situation, the batteries may be required to provide a back-up for 8, 24 or 48 hours. The Bidder shall furnish detail battery sizing

calculations along with all arrangements and supporting structures, for each type of DC supply units being proposed, along with the bid. In all cases the battery is normally not allowed to discharge beyond 80% of rated capacity of the battery at 10 hours rate of discharge.

The manufacturer supplying the cells/batteries as per this document shall be responsible to replace/repair free of charge, the battery/cell becoming faulty, owing to defective workmanship or material as per the provisions of the bid document.

All electrical and mechanical equipments shall be designed and manufactured so that no damage will result in transportation, installation and operation of the equipment under the climatic conditions to which it will be subjected.

4.1. SPARES:

The tenderer shall also state in his tender the spares required for normal operation for a period of 5 years. Each spare shall be individually packed and marked both the part number (where applicable) as well as the description of item. Item-wise prices of spares be listed in the tender. The quantity of spare parts recommended for procurement for 5 years of normal operation shall be stated in the tender.

5.0 MATERIAL AND CONSTRUCTION:

5.1 GENERAL :

The storage batteries should be fabricated with Flat pasted type positive plates and Flat pasted type negative plates as per relevant Standards and shall be assembled in hard containers of durable and robust construction.

The design of battery shall be as per field proven practices. Partial plating of cells is not permitted. Paralleling of cells externally for enhancement of capacity is not permitted. The cells shall be so designed to be suitable for Horizontal Stacking.

5.2 CONTAINERS :

The containers material shall be made of poly-propylene co-polymer (PPCP) , acrylonitrile butadiene styrene (ABS), styrene acrylonitrile (SAN) or any other acid resistant plastic material and cell have chemical and electro- chemical compatibility and shall be acid resistant. The material shall meet all the requirements of VRLA batteries and be consistent with the life of battery. The container shall be fire retardant and shall comply with provision of UL 94- V2/V0 and shall have an Oxygen Index of at least 28%. The porosity of the container shall be such as not to allow any gases to escape except from the regulation

valve. The tensile strength of the material of the container shall be such as to handle the internal cell pressure of the cells in the worst working condition. Cell shall not show any deformity or bulge on the sides under all working conditions. The container shall be capable of withstanding the rigours of transport, storage and handling. The containers shall be enclosed in a steel tray.

5.3 CELL COVERS:

The cell covers shall be made of suitable material compatible with the container material and permanently sealed with the container. It shall be capable to withstand internal pressure without bulging or cracking. It shall also be fire retardant and shall comply with the provisions set forth in clause of 5.2 above. Fixing of Pressure Regulation Valve & terminal posts in the cover shall be such that the seepage of electrolyte, gas escapes and entry of electro-static spark are prevented.

5.4 PRESSURE REGULATION VALVE :

Each cell shall be provided with a pressure regulation valve. The valve shall be self re-sealable and flame retardant. The valve unit shall be such that it can not be opened without a proper tool. The valve shall be capable to withstand the internal cell pressure specified by the manufacturer.

5.5 TERMINAL POSTS :

Both the positive and negative terminals of the cells shall be capable of proper termination and shall ensure its consistency with the life of the battery. The surface of the terminal post extending above the cell cover including bolt hole shall be coated with an acid resistant and corrosion retarding material. Terminal posts or any other metal part which is in contact with the electrolyte shall be made of the same alloy as that of the plates or of a proven material that does not have any harmful effect on cell performance. Both positive and negative posts shall be clearly and unambiguously identifiable. All exposed metal parts(connectors, terminals etc) shall be protected with heat shrinkable silicon sleeves for reducing the environmental impact including a corrosive environment.

5.6 CONNECTORS,NUTS & BOLTS,HEAT SHRINKABLE SLEEVES

Where it is not possible to bolt the cell terminals directly to assemble a battery, separate non-corroding lead or copper connectors of suitable size shall be provided to enable connections of the cells. Copper connections shall be suitably lead coated to withstand corrosion due to sulphuric acid at a very high rate of charge or discharge. The area of cross-section of the connectors shall be rated at 2 Amp/sq.mm minimum at 6 hour rate of discharge. Nuts and bolts for connecting

the cells shall be made of copper, brass or stainless steel. Copper or brass nuts and bolts shall be effectively lead coated to prevent corrosion. Stainless steel bolts and nuts can be used without lead coating.

All exposed metal parts (connectors, terminals etc.) shall be protected with heat shrinkable silicon sleeves for reducing the environmental impact including a corrosive environment.

5.7 FLAME ARRESTORS :

Each cell shall be equipped with a Flame Arrestor to defuse the Hydrogen gas escaped during charge and discharge. Material of the flame arrestor shall not affect the performance of the cell.

5.8 SEPARATORS:

The separators used shall be glass mat or synthetic material having high acid absorption capability, resistant to sulphuric acid and good insulating properties. The design of separators shall ensure that there is no misalignment during normal operation and handling.

5.8.a ELECTROLYTE:

The sulphuric and water used for the preparation of electrolyte shall conform to IS-266 and IS-1069 respectively.

5.9 STAND/SUPPORTING RACK:

Necessary stands/supporting racks for fixing and installing the batteries shall be supplied with cell insulators and stand insulators. These racks/stands shall be so designed that cells are placed within easy reach at convenient height to facilitate easy maintenance. Minimum number of screw should be used primarily for anchoring. The joining of the frames should not leaves crevices and ensure proper and tight fit. Necessary screws etc. should be supplied such that the racks can be fitted without any extra material. Racks shall be constructed so as to permit free access to the floor directly beneath, thus cleaning of both cells and floor is quick and simple task. Racks shall be duly painted with two (2) coats of acid resistance paint and supplied in assembled state with marking .A small quantity of loose paint shall be supplied to enable the purchaser to restore at site for any finish which may got damage during transport. One set of battery testing equipment shall be supplied for each battery sets according to BS-6290 (Part-IV-1997) & IEC-896-2/BSEN 6089.2, IEEE-1188/1189.

Each Battery Bank should accommodate within specified area (5580 mm X 975 mm) available by combination of stack and tiers.

5.10 The 360V 800 AH battery bank shall be suitable for float charge working with 100 Amps load. The battery voltage shall not vary beyond 1% of the nominal voltage under float charge conditions and while discharging at 10 Hrs. Rating. The battery will be used for feeding power supply to servers installed at Disaster Recovery Centre when AC supply fails. The battery should be capable of float/quick charge when AC supply is restored.

5.11 ACCESSORIES:

Each battery set shall be supplied complete with all necessary accessories viz. Stand, inter- cell connections, cell insulators, stand insulators, cell No. plates with fixing pins, thermometer, cell testing Voltmeter (3-0-3V) complete with leads, spanners, rubber syringes, rubber gloves and apron etc.

6.0 RATINGS:

The rating of battery cells shall be 10 hrs. rating corrected to 27 deg.C as defined under Clause No. 4.1 of IS:1651/1991. The Ampere-hour rating for 360V battery banks shall be 800 AH. Each cell will be of 2 volts. Thus the battery bank for 360 V shall consist of 180 cells respectively.

6.1 DESIGNATION:

The cell shall be designated by symbol as per relevant Standards.

6.2 MARKING:

The following information shall be indelibly and durably marked on the outside of the cell.

- a) Nominal voltage.
- b) Manufacturer's type and trade name.
- c) AH capacity at 10 hour rate.
- d) Voltage for float operation at 20 deg.C.with tolerance of () 1%.
- e) Month & Year of manufacture.
- f) Country of origin.

The cells and batteries may also be marked with the ISI certification mark, if any.

6.3 CAPACITY REQUIREMENT AND DIMENSIONS :

When the battery is discharged at 10 hour rate, it shall deliver 80% of C (rated capacity, corrected at 27 Deg Celsius) before any of the cells in the battery bank reaches 1.85 V/cell. The capacity (corrected at 27 Deg.Celcius) shall also not be less than 70% of C and not more than 120% of C before any cell in the battery bank reaches 1.75 V/cell.

The battery shall be capable of being recharged from the fully exhausted condition (1.75V/cell) at the specified float voltage. The battery design shall permit the charging of the battery at 2.45V/cell (when two cells shorted). All the cells in a battery shall be designed for continuous float operation at the specified float voltage throughout the life.

The battery voltage shall not be less than the following values, when a fully charged battery is put to discharge at C/10 rate.

- (a) After Six minute of discharge : 1.98V
- (b) After Six hours of discharge : 1.92V
- (c) After 8 hours of discharge : 1.85V
- (d) After 10 hours of discharge : 1.75V

The bidder shall provide the Tables & Graphs showing relation of the closed circuit voltage, impedance and the residual capacity of each cell in the battery, when it is discharged to the end voltage of 1.75V/cell at C/10 and C/8 rate of discharge. A table and graph showing the relation between the impedance and residual capacity of each cell shall also be provided by the bidder.

6.4 EXPECTED BATTERY LIFE:

The battery for float applications shall be capable of giving more than 1200 DOD (upto 80%) cycles at an average temperature of 35 Deg.C Celsius. DOD (Depth of Discharge) is defined as the ratio of the quantity of electricity (in Amphere-hour) removed from a cell or battery on discharge to its rated capacity.

6.5 CHEMICAL REQUIREMENTS:

Oxygen recombination efficiency of cell/battery shall be higher than 95% for charge current C/10 under normal working conditions. The cell pressure shall be sufficient for 99% gas recombination when working at C/10 rate of charge and ambient temperature of 27Deg. Celsius. Under normal operating conditions grid corrosion shall not be more than 0.05 mm/year.

Throughout its life, in the operating condition of C/10 rate of charge and C/8 rate of discharge in average ambient temperature of 35 Deg. Celcius, shedding of active material shall not lead to short circuit. The growth of positive plate shall be less than 8% of the total plate area throughout the specified life.

While operating in the normal operating conditions, the cell or battery shall not lead to dry out, throughout the life of the battery. Manufacturer shall supply the necessary data to support the requirement. The battery shall not exhibit thermal runaway while working in the average ambient temperature of 35 Deg.C, operating range of 0 to 50 Deg.C and at a charge rate of C/10 and discharge rate of C/8.

7.0 TESTS :

7.1 Type tests:

The following tests shall constitute the type tests as per BS 6290(Part-IV)/1997, IEC:60896-2, IEEE-1188/1189 (latest amended):

- a) Capacity Test.
- b) Mechanical Test
- c) Short Circuit Test
- d) Charge retention test.
- e) Endurance test.
- f) Suitability for float operation.

The above tests shall be performed on the basic cell constituting the 360V-800 AH Battery set.

The following shall be carried out as acceptance tests :

- a) Verification of dimensions and marking and polarity test.
- b) Capacity test.
- c) Ampere-hour and Watt-hour efficiency test.

7.2 TYPE TEST CRITERIA :

The bidder shall furnish valid & authenticated type test certificates as mentioned at clause No. 7.1 of Scheduled-III of the Specification from a Govt./ a Govt. approved/ a Govt. recognized/ NABL Accredited Lab. / ILAC i.e. International Laboratory Accreditation Corporation (in case of foreign Laboratory) or the certificate of type test conducted at manufacturers' works duly witnessed by representative of any Electricity Board/ Nigam/ Govt. agency/ PGCIL/ NTPC of similar or higher rating of battery sets. Such type test certificates should not be older than seven years as on the date of bid opening. For this purpose, date of conducting type test will be considered.

The bidder shall furnish documentary evidence in support of the laboratory whose type test have been furnished, that the said laboratory is a Govt./ a Govt. approved/ a Govt. recognized/ NABL accredited laboratory/ ILAC accredited (in case of foreign laboratory).

The type test certificates shall be furnished either in original or copy duly attested by notary.

The bids of only those bidders shall be considered to be meeting the type test criteria who furnishes complete type test certificate with the bid as per above provision.

However, in the following cases, the bid of the bidder may be considered meeting the type test criteria if the bidder furnishes an undertaking stating that valid type test certificate from a Govt./ Govt. approved/ Govt. recognized/ NABL Accredited / ILAC Accredited laboratory or carried out at works of manufacturer duly witnessed by any Govt. agency including (PGCIL/ NTPC/ RVPN/JVVNL) of similar or higher rating and design of tendered material/ equipment shall be furnished before commencement of supplies (without asking any delivery extension) along with bank guarantee with the technical bid from a Nationalized/ Scheduled bank in prescribed proforma at Annexure-II(A) or DD/ Pay order amounting to Rs.5.0 lacs. The B.G. should be valid for minimum period of 9 months from the date of tender opening:

- i) Where one or more type test(s) is/ are older than 7 years.
- (ii) Where some changes in respect of type test procedure of existing type tests have been introduced in the relevant standard.

In case, the bidder fails to furnish the type test certificate before commencement of supplies, their bank guarantee/ DD/ Pay order will be invoked/ forfeited and their performance will be adjudged poor.

The purchaser reserves the right to demand repetition of some or all the type tests in presence of purchaser's representative. For this purpose, the bidder should indicate unit rates for carrying such type tests. These test charges shall not be taken into consideration for bid evaluation.

7.3 TEST AT SITE :

The purchaser reserves the right to conduct all the test on the Battery set after arrival at site and the contractor shall guarantee test certificate figures under actual service conditions.

7.4 GUARANTEED TECHNICAL PARTICULARS:

The guaranteed technical particulars for battery sets as per Schedule-V attached, shall be furnished along with the tender.

8.0 INSPECTION

All the tests and Inspection shall be made at the place of manufacturer unless otherwise especially agreed upon by the bidder and purchaser at the time of purchase. The bidder shall afford the inspection officer(s) representing the purchaser all facilities without charges, to satisfy him that the material is being furnished in accordance with this specification. The purchaser has the

right to have the tests carried out at his own cost by an independent agency whenever there is a dispute regarding the quality of supply.

The Inspection may be carried out by the purchaser at any stage of manufacture/ before despatch as per relevant standard.

Inspection and acceptance of any material under the specification by the purchaser, shall not relieve the bidder of his obligation of furnishing material in accordance with the specification and shall not prevent subsequent rejection if the material is found to be defective. The Bidder shall keep the purchaser informed in advance, about manufacturing programme so that arrangements can be made for inspection.

The purchaser reserves the right to insist for witnessing the acceptance/ routine testing of the bought out items.

9. DOCUMENTATION:

The bidder shall submit the detailed drawings indicating the dimensions for battery sets including stands. The successful tenderer shall within 2 days of placement of order submit three sets of final version of all the drawings for purchaser's approval. The purchaser shall communicate his comments/ approval on the drawings to the supplier within three days. The supplier shall if necessary modify the drawings and resubmit the three copies of modified drawings for purchaser's approval within two days from the date of purchaser's comments.

The manufacturing of equipments shall be strictly in accordance with the approved drawings and no deviation shall be permitted without the written approval of purchaser.

The approval of drawing by purchaser shall not relieve the supplier of his responsibility and liability for ensuring correctness and correct interpretation of the drawings for meeting the requirements of the latest revision of applicable standards, rules and code of practices. The equipment shall conform in all respect to high standards of engineering, design, workmanship and latest revisions of relevant standards at the time of ordering and purchaser shall have the power to reject any work of materials which in his judgment is not in full accordance therewith.

10. PACKING & FORWARDING

10.1 The equipment shall be packed in crates suitable for vertical/horizontal transport as the case may be, and suitable to withstand handling during transport and outdoor storage during transit. The supplier shall be responsible for

any damage to the equipment during transit due to improper and inadequate packing. The easily damageable material shall be carefully packed and marked with the appropriate caution symbol. Wherever necessary proper arrangement for lifting, such as lifting hooks etc. shall be provided. Any material found short inside the packing cases shall be supplied by the supplier without any extra cost.

10.2 Each consignment shall be accompanied by a detailed packing list containing the following information:

- a) Name of the consignment
- b) Details of consignment
- c) Destination
- d) Total weight of consignment
- e) Signs showing upper/lower side of the crate.
- f) Handling and unpacking instructions.
- g) Bill of material indicating contents of each package.

10.3 The supplier shall ensure that the packing list and bill of material are approved by the purchaser before despatch.

10.4 INSTRUCTIONS MANUAL:

The manufacturer shall supply three copies of instructions manual for initial charging (if required)/ treatment, and routine maintenance during service, with each and every battery set. The following information shall be provided on the instruction cards.

- a) Designation of cell or battery.
- b) Ampere hour capacity.
- c) Nominal voltage.
- d) Manufacturer's instructions for charging.
- e) Voltage for float operation at 20 deg.c. with tolerance () 1 %.
- f) Maintenance instructions.
- g) Environmental & safety provisions required.

11 GUARANTEE PERIOD OF BATTERY SETS :

The guarantee period of each Battery Set along with all accessories shall be for the period of **5 (five) years** from the date of receipt of complete set of equipment(s) along with all accessories for one complete set.

If the supplier fails to attend the complaint within 15 days from the date of receipt of complaint intimated first time by the field officer/ purchaser etc. (the date of receipt of complaint shall be treated as the date of email/ 3 days from the date of despatch of complaint by the field officer/ stores/ Purchaser etc.), then penalty

@1/4% per week or part thereof for first 4 weeks in case delay is exceeds more than 4 weeks then @1/2% per week or part thereof shall be charged for entire delay, subject to a maximum of 5% . This penalty will be in addition to the penalty leviable due to Delay in Delivery of material as per GCC clause No. 1.24.

Further to this, in case of emergency, equipment can be get rectified by the Superintending Engineer (as authorized by Nigam) at the risk & cost of the supplier firm.

The rectification of equipment means satisfactory performance report duly signed by the Executive/Assistant Engineer (IT).

12 TERMS OF PAYMENT:-

- a) 85% (Eighty Five percent) payment of each consignment with taxes & duties shall be payable in absence of complete type test reports.
- b) Balance 15% payment shall be released on submission of complete type test reports. In case of failure of any of the type test reports, the balance 15% payment shall be forfeited for the used material and remaining unused material will be lifted back by the supplier.

However, the above provisions will be applicable only for the old manufacturers who have supplied similar item to any of the State Electricity Board/ Utility and the same have been type tested as per provisions of relevant ISS.

13. ADDITIONAL ORDER

Repeat orders for additional quantities, upto 50% of original ordered quantities, may be placed by the Nigam, on the same rates, terms and conditions given in the contract.

14. QUALITY ASSURANCE PLAN :

- 1) The Bidder shall invariably furnish following information along with his offer, failing which the offer shall be liable for rejection. Information shall be separately given for individual type of equipment offered.
 - i) Statement giving list of important raw materials, names of sub-suppliers for the raw materials, list of standards according to which the raw material are tested, list of tests normally carried out on raw material in the presence of Supplier's representative, copies of test certificates.
 - ii) Information and copies of test certificates as in (i) above in respect of bought out items.
 - iii) List of manufacturing facilities available.
 - iv) Level of automation achieved and list of areas where manual processing exists.

- v) List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections.
 - vi) Special features provided in the equipment to make it maintenance free.
 - vii) The bidder should have adequate facilities to carryout accurately all required tests during manufacturing and routine/acceptance tests as per relevant ISS/IEC standards at the final end routine/acceptance. The supplier will ensure that all testing/measuring instruments/apparatus are calibrated at regular periodicity from reputed test house as per relevant standards and a certificate of testing authority is made available to purchaser's inspector at the time of inspection. Such calibration certificates, in any case shall not be older than one year on the date of such tests".
 - viii) List of testing instruments and apparatus along with their last date of calibration, available with the Bidder for testing of equipment specified and test plant limitation, if any, vis-a-vis the type, special, acceptance and routine tests testing during manufacture specified in the relevant standards. These limitations shall be very clearly brought out in "Schedule of Deviations".
- 2) The Supplier shall also submit the following information to the Purchaser, along with drawings/GTPs/BOM of ordered material, within 7 days of placement of order for purchaser's approval:-**
- i) Name of the raw material as well as bought out accessories and the names of sub-suppliers selected from those furnished along with the offer.
 - ii) Type test certificates of the raw material and bought out accessories/items.
 - iii) Quality Assurance Plan (QAP) withhold points for Purchaser's inspection. The QAP and Purchaser's hold points shall be discussed between the Purchaser and the Supplier before the QAP is finalized.
- 3) The Supplier shall submit the routine test certificates of bought out items and raw material at the time of routine testing of the fully assembled equipment.
- 15. Purchasing on the Risk & cost of supplier, in case of non-execution of order/delay in delivery.**
- As per field requirement, as it is, material (s) / equipment (s) is /are urgently required to Nigam and for which final notice has been given to supplier but supplier is being breach of agreement against stipulated delivery schedule, if at any time during the currency of the contract, the performance in whole or in part be prevented or delayed by more than the three months of the delivery schedule, the purchaser reserves the right to procure the material/equipment on order or part thereof from any other source at the risk and cost of the contractor/ supplier.

16.0. GST:- GST registration number of Jodhpur Discom is 08AAACJ8578R1ZJ.

As GST act has been implemented from 01.07.17, therefore, BOQ has been prepared accordingly with applicability of GST. Further, old tax structure wherever appearing in ITB, GCC, specification may be replaced by GST as per notification.

17.0 Every Micro, Small & Medium enterprises of Rajasthan shall be required to submit an affidavit in schedule-X, along with duly filled bid document.

Schedule – I**SCHEDULE OF REQUIREMENT**

S.No	ITEM	QUANTITY
1	Batteries 360 V (180 nos. of 2 volt each) 800 AH VRLA Type Capacity Battery Sets Battery for 160 KVA UPS with frame stand	360 Nos.
2	Buy-Back of 2 volt 800 AH VRLA Type Battery set with frame stand	360 Nos.

NOTE:-The quantities as mentioned in the schedule of requirements are tentative and may increase/decrease as per the requirement of the Nigam.

SCHEDULE- II**PRICE ADJUSTMENT FORMULA**
BATTERY SETS (TN-1559)**PRICE VARIATION CLAUSE AS PER IEEMA PRICE VARIATION FORMULA (FOR LEAD ACID BATTERIES)**

The price quoted/ confirmed is based on the input cost of raw material/ components and labour cost as on the date of quotation and the same is deemed to be related to the price of lead ingot and all India average consumer price index number for industrial workers as specified below. In case of any variation in these price/ index numbers, the price shall be subject to adjustment up or down in accordance with the following formula :-

$$P = P_o \left(40 + 30 \frac{LD}{LD_o} + 30 \frac{W}{W_o} \right)$$

Wherein,

P Price payable, adjusted in accordance with the above price variation clause.

P_o Price, Ex-factory, quoted/ confirmed (Note 2)

LD_o Price for lead ingots in Rs. /MT (Note 2)

W_o All India Average Consumer price number for Industrial Workers (base : 2001=100) as published by the Labour Bureau, Ministry of labour, Govt. of India.

The above price of Lead Ingot is that published by IEEMA prevailing as on 1st **May 2019** i.e. the first working day of the calendar month ONE MONTH prior to the date of tendering (i.e. **Jun.2019**).

The applicable All India Average Consumer Price Index Number is for the month. FOUR MONTHS prior to the date of tendering.

for Example, If the date of tendering is in Feb. 2013, the applicable price of lead ingot (LD_o) should be that prevailing on 1st Jan.2013 and the All India Average Consumer Price Index Number (W_o) applicable should be for the month 1st Oct,2012.

LD price of Lead ingot (in Rs./MT) is as published by IEEMA as prevailing on the first working day of the calendar month covering the date, ONE MONTH prior to the date of delivery.

W All India Average Consumer Price Index Number for Industrial Workers Base = 2001=100) as published by labour Bureau. Ministry of Labour, Govt. of India.

This index number will be for the month FOUR MONTHS prior to the date of delivery. This index will be circulated by IEEMA along with the Lead price for the corresponding month.

For example, if the date of delivery in terms of clause given below falls in December, 2013, the applicable price of lead ingot (LD) should be that as published by IEEMA as prevailing on 1st November, 2013 and the applicable All India Average Consumer Price Index Number (W) should be for the month August, 2013.

Note 1 : The price of Lead ingots (Rs/MT) is the ex-works price of 99.99% Pure lead as published by Hindustan Zinc Ltd. on their ex-smelter/ work basis. This price will be exclusive of ex-duty since MODVAT is available and exclusive of Sales tax and Octroi.

Note 2 : In a number of cases where a number of batteries are ordered simultaneously , the purchasers may insist on quoting F.O.R. Destination Prices. Since the price variation clause is applicable to ex-factory price (including packing, if any, required for rail/ road transport), the manufacturers are advised to indicate notional freight charges separately. The `PO' in such cases is price not of such notional freight charges.

Note:- The base date will be 1st day of one month prior to the date of opening of technical bid.

SCHEDULE-II-A**PRICES & PRICE VARIATION**

- a) The prices quoted shall be variable as per Price Variation Formula given in the Specification (Schedule-III-A) without any ceiling.
- b) If the price variation formula is changed, the same shall be applicable for the price variation. During the transit period when both old and new indices are being circulated, then the admissible Price Variation shall be applicable, which is advantageous to Nigam, and the period from which the old indices are discontinued then the P.V. shall be admissible with the new indices.
- c) The date of delivery applicable for claiming price variation shall be the date prevailing on the first day of Calendar month which shall be determined in the manner prescribed hereunder:-
 - (i) When the material is offered within stipulated delivery schedule : For allowing P.V. the date of delivery shall be considered the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office.
 - (ii) When the material is offered after expiry of stipulated delivery schedule : For allowing P.V. in the cases supplies are made after the expiry of scheduled delivery, the price prevailing in the last month of the stipulated scheduled delivery or the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office, whichever is beneficial to Nigam shall be allowed.
 - (iii) When the material if offered ahead of delivery schedule on the request of Jaipur Vidyut Vitran Nigam Limited : Normally supplies ahead of delivery schedule shall not be accepted. However in case of urgency of material, if supplies are accepted ahead of delivery schedule, PV shall be allowed on the basis of the material is notified as being ready for inspection or date of receipt of inspection call in the office.
 - (iv) When the material is offered ahead of delivery schedule by firm at their own and accepted by Nigam on the request of firm: Normally the request of the firm to accept the material ahead of delivery schedule will not be accepted. In case firm offers supplies ahead of delivery schedule at their own and such request is accepted by Nigam, the price prevailing in the last month of stipulated delivery schedule or the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office, whichever is beneficial to Nigam shall be allowed.

Schedule – III**JODHPUR VIDYUT VITRAN NIGAM LIMITED**

A Govt. of Rajasthan Undertaking
Prescribed technical specification for supply of
 (Name of Material/Equipment/Machinery/T&P etc.)

S.No.	Technical specification which material/equipment/ Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particulars if any.	to
-------	---	---	------------------------------	----

Certified that we agree to all the aforesaid technical specification except at S.No..... for which our technical specification shall be as under:-

S.No.	Technical specification which material/equipment/ Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particulars if any.	to
-------	---	---	------------------------------	----

(Signature)

Name & Designation
with seal of the bidder.

SCHEDULE-III-A

QUALIFICATION REQUIREMENT

ITEM:- Supply, Installation , Commissioning & Testing of 2 volt 800 AH VRLA Type Battery for 160 KVA UPS and Buy-back of existing batteries with Stand.

TN- 1559

The bidder should fulfill following qualifying requirements for successful participation in the tender along with relevant documentary evidence supporting each qualifying requirement without which the offer shall be considered non-responsive & rejected.

1.0 STATUS OF BIDDER:-

- a) The bidder should be a Manufacturer of offered items. The offers from sole selling agent/ authorized dealers shall not be entertained.
- b) Old/ New suppliers:- Any bidder located within or outside the state of Rajasthan has participated for the first time in a particular Discom & meeting minimum qualification requirement and has supplied the tendered material/or of higher rating in other utility shall be treated as an old supplier. Rajasthan's firms although supplied in past but not meeting minimum quantity supplied criterion including altogether new units which have not supplied any quantity but having adequate & required manufacturing and testing facility and technical know-how of the tendered material shall be considered as new firms and would be eligible for trial order only. In case of supply made to the licensed power utility outside India, the C.A. certificate furnished by firm shall be considered.

2.0 PAST SUPPLY & PERFORMANCE CRITERIA :-

The bidder shall meet both past supply and performance criteria as detailed below for opening of tenders:-

2.01 PAST SUPPLY:-

- 2.01.1 The bidder is required to quote for **full tender quantity** failing which their offer may be considered Non-Responsive.
- 2.01.2 The bidder should have designed, manufactured / fabricated, tested and supplied to utility / Discoms / Govt. Departments at least 2 X QQ (QQ being

the quoted quantity) of similar item / higher rating of tendered material / equipment in last 3 financial years from the date of opening of technical-commercial bid.

Note: Requirement of quantity manufactured, minimum quantity to be offered and amount of Bank Guarantee to be furnished in absence of test certificate shall be reduced to 25% for Rajasthan based units.

2.01.3 In support of fulfillment of the past supply criteria, the bidder shall furnish documentary evidence in the form of certificate from Chartered Accountant in the enclosed prescribed proforma only. This prescribed proforma should be furnished either in original or copy duly attested by Notary. The bidder shall also sign and affix seal on the C.A. Certificate. The certificate should have membership number with the name & address of the chartered accountant. Certificate should clearly indicate the quantity supplied, period of supply, voltage Class, Rating of the Transformer etc. in the format prescribed, any deviation to format or information diverted format, will not be considered and rejected.

Note:-The material supplied and accepted for same/higher rating for Turnkey projects to a licensed power utility/Govt. shall be considered for the purpose of evaluating criteria. The certificate given by C.A. shall indicate above quantity separately.

2.02 **PERFORMANCE CRITERIA:-**

2.02.1 i) If a bidder has supplied up to 50% of ordered quantity in previous tender up to date of opening of subsequent tender and scheduled delivery period expired, the bid of such bidder will not be opened in the Discom for that item.

ii) However, if the supplies have been completed for a quantity more than 50% but not completed up to date of opening of subsequent tender and scheduled delivery period expired, the quantity equal to the quantity pending in previous tender for that item shall be reduced from the subsequent tender quantity to be allocated to the bidder.

3.0 **TYPE TEST CRITERIA:-**

3.01 The bidder shall furnish valid and authenticated type test certificates from a Govt. approved / Govt. recognized / NABL Accredited laboratory / ILAC i.e. International Laboratory Accredited Laboratory (in case of foreign laboratory) of similar rating and design of tendered material/ equipment. Such type test certificates should not be older than **7 years** as on the date of bid opening. For this purpose date of conducting type test will be considered.

The type test certificate by in house laboratory of tendering firm even if it is a Govt. approved / Govt. recognized / NABL accredited / ILAC accredited, shall not be accepted, in case of their own tender. This will not apply if tendering firm is Govt. company / public Sector undertaking.

- 3.02 The bidder should furnish documentary evidence in support of the laboratory whose type test have been furnished, that the said laboratory is a Govt. / a Govt. approved / a Govt. recognized / NABL accredited laboratory / ILAC accredited (in case of foreign laboratory).
- 3.03 The type test certificates shall be furnished either in original or copy duly attested by notary.
- 3.04 The bids of only those bidders shall be considered to be meeting the type test criteria who furnishes complete type test certificate with the bid as per above provision.

However, in the following cases the bid of the bidder may be considered meeting the type test criteria if the bidder furnishes an undertaking stating that valid type test certificate from a Govt. / Govt. approved / Govt. recognized / NABL accredited / ILAC accredited laboratory shall be furnished from first lot (without asking any delivery extension) along with bank guarantee with the technical bid from a Nationalized / Scheduled Bank in prescribed proforma at Schedule-III C or DD/ Pay Order amounting to Rs.5 Lac / Rs.1.5 Lac / Rs.0.5 Lac in case where the value of the purchase (corresponding to tendered quantity) under consideration is more than 1.5 Crore / up to 1.5 Crore/ Upton 0.5 Crore respectively. The initial validity of Bank Guarantee shall be nine months with claim period of three months in addition.

- i) A new Rajasthan based unit who does not possess valid type tests reports subject to technically competent.
- ii) Where one or more type tests) is/ are older than **7 years**.
- iii) Where new type tests have been added in the specification.
- iv) Where some changes in respect of type test procedure of existing type tests have been introduced in the relevant standard.
- v) Where a new item is being purchased by Nigam for the first time.
- vi) The Rajasthan & outside Rajasthan firm who does not possess valid type tests certificates, if type test reports of higher rating are furnished.

4.0 POOR RECORD OF PERFORMANCE AND DELIVERY :

The bidder who have been black listed **in any of the state Discom** or with whom business relations have been severed in Jodhpur Discom shall not be considered. Severment of business relations will be done in case of following circumstances for the period and with the recovery mentioned against each:

i) When vendor does not accept order awarded on its accepted price and terms and conditions or does not comply with contractual formalities.	Forfeiture of EMD/cancellation of vendor registration to recover amount of EMD along with severment of business relations for three years from the date of issue of order.
ii) When vendor complies with contractual formalities but does not commence supplies.	Levy of maximum recovery on account of delay in delivery along with severment of relations for a period of 2 years from the date of issue of order or in next two bids whichever is later

5.0 (A) Black listing of a firm:

After having given Show Cause Notice of 30 days, and having established & cogent reasons for blacklisting of the firm as given below, the firm should immediately be blacklisted for a period of 5 years indicating reasons of doing so, in the letter itself, and a copy of such blacklisting should be given to the firm, with the approval of CLPC:-

- (i) There are sufficient and strong reasons to believe that the supplier or his employee has been guilty of malpractices such as manhandling/misbehavior with Government official by supplier or his partner/employee, bribery, corruption or abatement of such a offence in a position where he could corrupt Nigam's official, fraud, vitiating fair tender process including substitution of or interpolation in tender, mis-representation, pilfer-aging or unauthorized use or disposal of Nigam's material issued for specific work etc.
- (ii) Where a supplier or his partner or his representative has been convicted by a court of Law for offences involving moral turpitude in relation to the business dealing or where security considerations including suspected disloyalty to the Nigam/state so warrant the blacklisting.
- (iii) If the State Bureau of Investigation or any other authorized investigating agency recommends for blacklisting after completing the investigation.

Note: - 1 If a supplier after having tendered for a supply or after negotiations gives application voluntarily vitiating the fair tendering process, it shall also tantamount to malpractice.

Note:-2 A register containing the reasons for blacklisting the supplier as also the names of all the partner of the suppliers and the allied concerns coming within the effective influence of the blacklisted supplier will be maintained.

Note: - 3 A register of black listed supplier will be maintained which will not only include suppliers enlisted with the Enlisting Authority but also black listed suppliers in Nigam.

Note :-4 A Black listed supplier (i) shall not be entitled for registration in any of the Discom (ii) shall not be awarded any supply order in future in any Discom during the notified period.(iii) his registration if any shall stand cancelled immediately and his registration security /EMD/S.D. shall stand forfeited. (iv) In case of blacklisting of the firm by any one of Discom for the cogent prescribed reason(s) as stipulated above, the same shall be applicable to all the three Discoms and as a consequence of blacklisting, all the pending orders to that firm, will be cancelled in all three (3) Discoms with immediate effect. However in respect of completed/executed contract G.P. obligations as well as other liabilities shall be fulfilled by the supplier.

(B) Severment of Business relation:

- (a) After having given Show Cause Notice of 30 days, and having established & cogent reasons for Severment of business relation as given below, the firm should immediately be severed the business relations for a period of 2 to 3 years indicating reasons of doing so, in the letter itself, and a copy of such severment should be given to the firm, with the approval of CLPC:-
- (i) The supplier continuously refuses to pay Nigam dues without showing adequate reasons and where the purchasing authority is satisfied that no reasonable dispute attracting reference to Settlement Committee or Court of Law exists for the supplier's action of non-supply.
- (ii) When vendor does not accept LOI/detailed purchase order awarded on its accepted prices and terms & conditions or does not comply with the contractual formalities.
- (iii) When vendor/supplier who otherwise completed contractual formalities but does not commence supplies on the date of opening of technical bid of the fresh tender/completion of schedule delivery period whichever is later.

Note-1-In case supplier does not deposit outstanding dues towards Nigam, even after completion of severment period, the period of severment will continue.

2. Severment done purely/ mainly on account of non-deposition of dues against the supplier/vendor/contractor could be lifted by CLPC, if the dues are deposited prior to the expiry of such severment period.

3. Severment done by one Discom for non-supply of material and /or corresponding non-recovery of dues will not be effective in other Discoms except in respect of common purchase cases of three Discom.
4. On severment of business, the EMD/SD/vendor registration security will be forfeited.
5. The orders in execution satisfactorily will not be cancelled other than the order on which severment have been done.

(C) DEBARMENT

Reasons on which Debarment can be made:-

- (i) The competent authority may debar the supplier on account of his performance or other disabilities, if it is no longer considered fit to remain under vendor registration as per his obligation under vendor registration.
- (ii) If at any subsequent stage of inspection of firms after award of contract, it is found that firm does not have sufficient tech. staff or required/necessary technical equipments, the purchasing authority can debar the firm for one year or next tenders whichever is later. The debarment will be lifted only on re-inspection of firm's works; the defects noticed earlier are fully rectified to the satisfaction of Nigam.
- (iii) When contract agreement executed and supplies commenced but could supply only up to 50% of ordered quantity and scheduled delivery period expired, then the firm can be debarred for one year or next tender whichever is later in that Discom only for that particular item/rating/capacity/size etc.
- (iv) The suppliers who have been awarded contract for supply of material is not adhering to the periodic delivery schedule, the contract awarding authority reserve the right to terminate the contract and may debar the firm in participating in tender for a period of 2 to 3 years.

Note:-1. On debarment, the EMD/ SD/Vendor Registration security shall be forfeited.

Note:-. 2. If the firm is debarred in one Discom for any reasons then the same should not be applicable in other Discom subject to exception that in case of common Discoms purchases such debarment of a firm would be applicable to all three Discoms for that particular item and rating/capacity/size etc.

6.0 APPEALS AND APPLICATIONS:-

Appeal against the order of blacklisting, severment and debarment can be filed before BOD within a period of 3 months from the date of intimation. The letter of

appeal will be addressed to the order placing authority. Who will process the case for placing the matter in B.O.D. within a period of 60 days. The BOD may reduce or waive the penalty, if sufficient reasons/supporting documents are furnished by the supplier.

GENERAL CONDITIONS : - (ALL CONDITIONS BE DULY SIGNED & SEALED)

- I) The bidder shall clearly indicate the deviations such as 'Technical Deviation & Commercial Deviations' in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.
- II) The bidder must clearly fill up each and every particular of guaranteed technical particulars annexed with Technical Specifications otherwise he will be responsible for Technical Non-responsiveness.
- III) All documents required in the prescribed format are to be furnished along with the bid itself only except an attested copy of BIS license (wherever it is required), failing which the bid will be summarily rejected.
- IV) However, a copy of BIS License may be submitted by the bidder up to the official working hours of one working day prior to the schedule / notified date of opening of price bid.
- V) The date of conducting type test shall be before the date of opening of Technical Bid. The date of issuing of type Test Bank Guarantee in lieu of non-furnishing of Type Test reports shall be before the date of opening of technical bid & the Type Test BG issued on or after opening of technical bid shall not be accepted.**

SCHEDULE-III-B**BANK GUARANTEE IN LIEU OF FURNISHING OF TYPE TEST CERTIFICATE**
(On Rajasthan Govt. Non-Judicial Stamp Paper worth Rs.0.25% of BG value or
Rs. 25000/- whichever is less)

To,

The Superintending Engineer (MM&C),
Jodhpur Vidyut Vitaran Nigam Limited,
New Power House ,
Jodhpur.

Dear Sir,

Whereas Jodhpur Vidyut Vitaran Nigam Limited, Jodhpur (hereinafter called the purchaser) has issued a bid enquiry under TN-1559 for procurement of (Name of material)

Whereas M/s(hereinafter called the bidder) has furnished a bid for supply of to The Superintending Engineer (MM&C), Jodhpur Vidyut Vitaran Nigam Limited, Jodhpur or his Nominated officer (s) .

Whereas in accordance with the provision of the specification of the aforesaid TN..... , the bidder can deposit a bank guarantee in lieu of the requirement of furnishing the type test certificates.

Whereas M/s (the bidder) have requested us (Name of the Bank) to furnish the bank guarantee in lieu of the type test certificate for an amount equivalent to Rs..... (in words also) only.

Under this Bank Guarantee, we (Name of the Bank) hereby undertake unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to the purchaser on his first demand without whatsoever right of objection on our part and without his first claim to the bidder in the amount not exceeding (amount of guarantee in figures and words).

Payment pursuant to this undertaking will be demanded by the purchaser from the Bank and will be met by the Bank without question in the case in which the bidder , on receipt of the order and / or after the acceptance of this bid, makes default in furnishing the required type test certificates. Also whether the occasion or ground has arisen for such demand the decision of The Superintending Engineer (MM&C), Jodhpur Vidyut Vitaran Nigam Limited, Jodhpur, shall be final.

The liability of the Bank shall not at any time exceed Rs.....(
Rupees.....).

The undertaking will be determined on but will not withstanding such determination, continue to be in force till the expiry of 3 months from that date.

No indulgence or grant of time by the purchaser to the bidder without the acknowledgement of the Bank will discharge the liabilities of the Bank under this guarantee.

The guarantee herein contained shall not be affected by any change in the constitution of the bidder.

All disputes arising under the said guarantee between the Bank and the bidder or between the bidder and the purchaser pertaining to the guarantee shall be subject to the jurisdiction of Courts only at JODHPUR in Rajasthan.

The bank further undertake not to revoke this guarantee during its currency except with the previous consent of The Superintending Engineer (MM&C), Jodhpur Vidyut Vitaran Nigam Limited, Jodhpur.

Notwithstanding anything contained herein before, the Bank's liability under this guarantee i.e restricted to Rs..... (Rupees) and the guarantee shall remain in force upto Unless demand or claim in writing is presented on the Bank within three months from that date, the bank shall be released and discharged from all liabilities there under. However, the validity of the bank guarantee shall be extended as and when required by the purchaser.

IN WITNESS WHEREOF the bank has executed these presents the day month..... and year.....

Yours faithfully,

(Bankers)
Executants

Witness:

1.

2

Schedule-IV `A`

TN-1559

ITEM- Supply, Installation , Commissioning & Testing of 2 volt 800 AH VRLA Type Battery for 160 KVA UPS and Buy-back of existing batteries with Stand.**Must be filled in by the bidder and attached with Technical Bid (Part-I)**

To,

The Superintending Engineer (MM&C),
Jodhpur Vidyut Vitaran Nigam Limited,
New Power House ,
Jodhpur.

Dear Sir,

With reference to your invitation to bid against specification No.JD/SE/MM&C/XENIIAII/
TN- 1559, we agree to supply the following quantity:

S. No.	Particulars of Items	Tendered Quantity	Qty. Offered	Justification of quantity offered as per Qualifying Requirement	Status of Type Test Certificates.
1.	2	3.	4.	5.	6.
2.	Batteries 360 V (180 nos. of 2 volt each) 800 AH VRLA Type Capacity Battery Sets Battery for 160 KVA UPS with frame stand	360 Nos.			
3	Buy-Back of 2 volt 800 AH VRLA Type Battery set with frame stand	360 Nos.			

1. The offer is valid for a period of 120 days from the next date of opening of Techno-Commercial bid.
2. The prices are variable with **base date 1st day of one month prior to the date of opening of technical bid.**
3. It is noted that the quantity as mentioned in the specification are approximate and we agree to supply any quantity as per your requirement.
4. The delivery shall strictly be in accordance with our delivery schedule as given in Schedule-VIII of this specification. In case we fail to deliver the materials as indicated in the clause No.1.23 of GCC (Schedule-II), we are liable to pay recovery for delay in delivery as per clause No.1.24 of this Schedule-II of this specification. The material shall conform to your specification No. JD/SE/MM&C/XENIIAII/ TN-1559 and as per relevant ISS in all respect.
5. We conform that we agree to all the terms & conditions as well as the technical stipulation of your specification No. JD/SE/MM&C/XENIIAII/ TN-1559 and there are no deviations other than as specified in the **Schedule-III, V,VI (A & B).**

Yours faithfully,

Signature of bidder with stamp & Date

SCHEDULE – V

JODHPUR VIDYUT VITARAN NIGAM LIMITED

A Govt. of Rajasthan Undertaking

Statement of guaranteed technical particulars and other performance data for supply of
 (Name of material) against specification no.....

S. No. Particulars of technical & other performance data guaranteed.

Certified that we agree to all the aforesaid technical particulars and other performance data except following:-

S.No.	Particulars of technical & other Performance data	Reasons for deviations/departure.
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(Signature)

Name & Designation with seal of the bidder.

Schedule – V(A)**GUARANTEED TECHNICAL PARTICULARS FOR 360V(180 Nos. of 2 volt each)-800 AH CAPACITY MAINTENANCE FREE BATTERY SETS AGAINST TN-1559.****(TO BE FURNISHED ALONG WITH TENDER)**

S.NO	PARTICULARS	To be furnished
1.	Manufacturer's name and address.	
2.	Standard specifications to which material shall conform.	BS-6290 (Part-IV) 1997 and IEC 60896-21 and 22, IEEE-1188/1189, IS 15549:2005
3.(a)	Type and make of Battery set.	VRLA Maintenance free
(b)	Capacity of Battery set at 10 Hr's rate.	800 AH
4.	No. of cells.	2 (Two)
5.	Battery design life expectancy in i) Float application ii) Cyclic operation.	
6.	Ampere hour efficiency without negative tolerance.	
7.	Watt hour efficiency without negative tolerance.	
8.	Oxygen recombination efficiency.	
9.	Type of negative plate.	
10.	Type of positive plate	
11.	Type & material of separators.	
12.	Method of connections between cells. i.e. Bolted or Burnt.	Bolted
13.	Recommended starting and finishing	

- rates of charge.
(a) Starting (A)
(b) Finishing (A)
14. Voltage per cell at the end of charge at the finishing rate.
 15. Recommended trickle charging rates for (min./max.)different type of working.
 16. Material of container.
 17. Max. allowable Ambient temperature at which cell can safely operate.
 18. Over all dimension of each cell in mm.
 - a) Length 300 mm \pm 10%
 - b) Width. 170 mm \pm 10%
 - c) Height. 480 mm \pm 10%
 19. Distance between the centres of each cell when erected in mm.
 20. Total weight of cell with acid in Kg.
 21. Recommended maximum period of storage.
 22. Internal Ohmic resistance of each cell.
 23. Recommended float charge.
 24. Recommended Boost charge.
 25. Time required for Boost charge from fully discharged condition at 27 Deg.C.
 26. Voltage ripple allowable .
 27. Whether cells and battery sets bear ISI certification mark.
 28. Max. No. of charge/discharge cycles required to reach the rated capacity.

Name of Firm
Signature of Bidder
Designation & Seal

SCHEDULE – VI (A)

JODHPUR VIDYUT VITARAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking
DEPARTURE/DEVIATION FROM TECHNICAL SPECIFICATION

The bidder shall state under this schedule the departure from the Purchaser's specification in respect of technical is as under:-

S.No.	Main Deviations from Technical Specification.
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Certified that we agree to all the technical specification of the NIT except for the deviation to the extent indicated above.

(Signature)
Name & Designation
with seal of the bidder.

SCHEDULE – VI (B)

JODHPUR VIDYUT VITARAN NIGAM LIMITED

A Govt. of Rajasthan Undertaking

**DEPARTURE FROM COMMERCIAL TERMS & CONDITIONS OF THE
SPECIFICATION**

The bidder shall state under this schedule the departure from the Purchaser's specification in respect of Commercial terms & conditions:-

S.No.	Main Deviations from Specification.
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Certified that we agree to all the commercial terms & conditions as laid down in General Conditions of Contract to the specification except for the deviation to the extent indicated above.

(Signature)

Name & Designation with seal of the bidder.

SCHEDULE – VII**JODHPUR VIDYUT VITARAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking
LIST OF PAST SUPPLIES**

The bidder shall state under this schedule whether material and equipments, similar to those offered in the tender have been previously supplied by him. A list shall be given of such orders executed by him together with information regarding the names of purchasing organizations, quantities supplied and when the supplies were effected. This list should be in form given below:-

S.No.	Detailed particulars of items supplied	Qty.	Order No. & Date	Name & details of purchasing authority	Date of Completion
1	2	3	4	5	6

If executed partially to be mentioned (Quantity)	whether still to be executed	Delivery stipulated in order	Remarks
7	8	9	10

Note: Separate schedules are to be furnished by the bidder for past supply to the JdVVNL, JODHPUR other State Electricity Boards and other Departments /Organizations.

(Signature)

Name & Designation with seal of the bidder.

SCHEDULE-VIIA**TN-1559****TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s. _____ (Complete with address) have manufactured and supplied the goods / equipments / material during the following financial year(s) to the Electrical Utilities / Government Departments / Discoms/ SEBs as detailed out below:

S. No	Financial year in which material supplied	Detailed Particulars of item(s) supplied	Name and particulars of purchasing authority	Order No. & date against which item(s) supplied	Unit	Ordered		Actual Supplied up to		Remarks
						Quantity	Value (Rs)	Quantity		
1	2	3	4	5	6	7	8	9	10	11

Signature,
Name & Designation
With Seal of the Bidder
Date _____
Place _____

Signature of C.A
Name:
Address:

Membership No

The above particulars are true and correct based on explanations, records and books of accounts produced before us. Further the above certificate issued on the request of the company.

CA Firm (-----)

NOTE- AN UNDERTAKING FOR THE SAME BE FURNISHED AS DETAILED IN ANNEXURE-I

Note:- The CA Certificate should be furnished on the letter head of CA and must be signed by the bidder and C.A. firm. The details i.e. address of C.A. & membership No. shall clearly be mentioned on C.A. certificate. In case C.A. certificate is not signed by the bidder/furnished without membership No. & address of C.A. then same may not be considered for which responsibility rests with the bidder.

SCHEDULE-VIII**JODHPUR VIDYUT VITARAN NIGAM LIMITED****DELIVERY SCHEDULE****TN-1559****PART – A**

The delivery Schedule of the material by the Purchaser Officer is as mentioned hereunder:-

S.No	Particular Of Material	Commencement Period	Rate Of Supply per Month	Period for Completion of delivery of Entire material
1	360V(180 Nos. of 2 volt each)-800 AH Battery Sets with frame stand	7 Days	Not Applicable	21 Days

Note – In case ordered quantity is different than quoted quantity, then monthly delivery shall be adjusted proportionately. Bids in which monthly delivery schedule is not indicated, shall be ignored.

PART - B

In case bidder deviates from the delivery schedule mentioned by the purchaser in Part-A , then the delivery Schedule of the material by the bidder shall be indicated / mentioned as under:-

S.No	Particular Of Material	Commencement Period	Rate Of Supply per Month	Period for Completion of delivery of Entire material

Note: (i) During the commencement period, the process of model assembly and submission of B.O.M. for approval shall be got completed.

(ii) During the commencement period the contractual formalities shall be got completed.

Signature
Name & Designation With Seal of the Bidder

SCHEDULE – IX**JODHPUR VIDYUT VITARAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking**

List of Equipments and Technical Hands Available with the Firm

(To be filled in by the bidders & enclosed with the bid)

Manufacturers and / or their authorized agents who are quoting against this bid are requested to furnish the following information along-with the bid. The Purchaser will have the discretion to ignore the bid without the under noted particulars and/or ignore the bid particulars.

1. Name and Address of Manufacturer.
2. Place where works exist.
3. Details of machinery particularly with B.H.P. of each item installed.
4. Details of staff employed in the works.
5. Date when started the manufacturing of item under reference.
6. List of items manufactured.
7. Literature and drawings of items manufactured showing their description, size, design and other important technical particulars.
8. Details of order so far, executed alongwith the names of organization to whom supplied.
9. Manufacturing capacity.
10. Is the workshop open for inspection by the representative of the board, if required?
11. Statement of financial resources and Banking Reference alongwith Balance-Sheet for previous two years.
12. Testing facilities available for the manufactured articles in the testing laboratory of works.
13. Whether the Firm is a small/medium/large scale industry.
14. Registration No. with :-
 - i. Small Scale, National/State.
 - ii. DGTD
 - iii. State Industries Department.

(Signature)

Name & Designation with seal of the bidder

SCHEDULE - X**(TO BE FURNISHED ON NON-JUDICIAL STAMP WORTH Rs.100/- & DULY NOTARIZED)****FORMAT OF AFFIDAVIT**

I _____ S/o _____ Aged _____ Yrs. _____
 Residing at _____ Proprietor/Partner/Director of
 M/s _____ do hereby solemnly affirm and declare that:

(a) My/Our above noted enterprise M/s _____ has been issued acknowledgement of Entrepreneurial Memorandum Part II by the District Industries Centre _____ . The acknowledgement No. is _____ dated _____ and has been issued manufacture of following items:

Name of Items	Production Capacity (Yearly)
---------------	------------------------------

- (i)
- (ii)
- (iii)
- (iv)
- (v)

(b) My/Our above noted acknowledgement of Entrepreneurial Memorandum Part-II has not been cancelled or withdrawn by the Industries Department and that the enterprise is regularly manufacturing the above items.

(c) My/Our enterprise is having all the requisite plant and machinery and is fully equipped to manufacture the above noted items.

Place _____

Signature of
 Proprietor/Director Authorized Signatory
 With Rubber Stamp and date

GENERAL
Amendments in GCC & ITB

- 1) **Wherever EMD and Security Bank Guarantee (SBG), are appearing in the ITB, GCC & other Bidding Documents, same is hereby replaced by BID SECURITY as under:-**

BID SECURITY

Bid security shall be 2% **of the estimated value of subject matter of procurement put to bid.** In case of Small Scale Industries of Rajasthan it shall be 0.5% of the **quantity offered** for supply and in case of sick industries, other than Small Scale Industries, whose cases are pending with Board of Industrial and Financial Reconstruction, it shall be 1% of the value of bid. Every bidder, if not exempted, participating in the procurement process shall be required to furnish the bid security as specified in the notice inviting bids.

In case SSI unit of Rajasthan quotes the less than the tendered quantity, then they are required to furnish Bid Security @ 0.5% of the value of the quantity offered by them, failing which bid shall be considered non-responsive.

The Bid Security amount (as applicable) to be paid by Demand Draft/Banker's Cheque in favour of SR. AO (CASH & CPC), JDVVNL, Jodhpur (payable at Jodhpur) 342003 **upto 4.00 p.m. prior one WORKING day of schedule date of opening** of respective bid or Bank Guarantee, in specified format, of a scheduled bank in favor of Superintending Engineer (MM&C), JDVVNL, Jodhpur, **upto 4.00 p.m. prior one WORKING day of schedule date of opening** of respective bid and obtain a receipt/acknowledgement thereof. No other mode of deposit shall be accepted. At the time of depositing the Bid Security amount or Bank Guarantee, the bidder shall also furnish self attested and duly attested by Notary, the documentary evidence of SSI unit of Rajasthan or of sick unit (as applicable). along with affidavit as per schedule X on non-judicial stamp of Rs. 100/-

The Bank Guarantee against Bid Security be issued by Nationalized / Scheduled Bank. The same may be accepted after confirmation by issuing Bank. If any Bid Security Bank Guarantee is not in proper format / not confirmed by the issuing Bank the same would not be accepted and the bidder would be immediately shorted out from bid process.

The Micro, Small & Medium Scale Industries of Rajasthan and sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR) shall furnish self-attested documentary evidence duly attested by Notary to claim the above.

- 2) **Wherever Performance Bank Guarantee (PBG) and Composite Bank Guarantee (CBG) are appearing in the ITB, GCC & other Bidding Documents, same are hereby replaced by PERFORMANCE SECURITY as under:**

PERFORMANCE SECURITY

- (i) Performance security shall be solicited from all successful bidders except the department's of the State Government and undertakings, corporations, autonomous bodies, registered societies, co-operative societies which are owned or controlled or managed by the State Government and undertakings of the Central Government. However, a performance security declaration shall be taken from them. The State Government may relax the provision of performance security in particular procurement or any class of procurement.
- (ii) Performance security from the successful bidder shall be taken **5%** (of the amount of supply order in case of established suppliers)/ **1%** (of the amount of supply order in case of Micro, Small & Medium scale industries of Rajasthan)/**2%**(of the amount of supply order in case of sick industries)/**10%** (of the amount of supply order in case of other suppliers). In case of successful bidder , the amount of bid security may be adjusted in arriving at the amount of the performance security, or refunded if the successful bidder furnishes the full amount of performance security.

3) VENDOR REGISTRATION

The relaxation/exemption given to the registered vendors of the Nigam in respect of EMD/SBG, wherever appearing in the ITB, GCC & other Bidding documents, are hereby WITHDRAWN.

- 4) The indirect taxes i.e. Excise Duty, Service Tax, VAT/CST, Entry Tax etc. mentioned in G.C.C., ITB and other bidding document may now be read as G.S.T.**

- 5) The following amendment is hereby made in GCC Clause No. 1.43 (Due Date of Payment):**

Payment shall be due and payable by the purchaser in accordance with the provision of the contract within a reasonable period from the date of receipt of each invoice by the contractor / supplier duly supported by a certificate of the Engineer. The purchaser will take all possible efforts to make payment to the contractor / supplier generally on **45th day** after receipt of duly verified challans / receipts / bill in the office of paying authority (Sr. Accounts Officer (Cash &CPC) Jodhpur Discom, Jodhpur / Concerned Circle Accounts Officer) and completion of contractual formalities. But in case of delay in payment the purchaser shall not be liable to pay any interest on the outstanding amount to the contractor / supplier

APPENDIX-A

Bank Guarantee No. _____.
 Security Amount : _____.
 Issued on dated : _____.
 Valid upto : _____.
 Claim upto / Grace period: _____.

PERFORMA OF BANK GUARANTEE FOR BID SECURITY

(Bank Guarantee in lieu of bid Security on non-judicial Stamp Paper of Rajasthan State of 0.25% of the B.G. value or Rs.25,000/-, whichever is less)

To,
 The Superintending Engineer (MM&C),
 Jodhpur Vidyut Vitaran Nigam Limited,
 Jodhpur.

1. Whereas _____ (name of the Bidder) (hereinafter called "the Bidder") has submitted its bid dated ____ (date of submission of bid) for _____ (name of contract/ name of the material with Bid no. / TN No. ____) (hereinafter called "the Bid").
2. KNOW ALL PEOPLE by these presents that WE _____ (name and address of branch of Bank) of _____ (name of country), having our registered office at _____ (addresses of bank) (hereinafter called "the Bank"), are bound unto _____ (name of Purchaser) (hereinafter called "the Purchaser") in the sum of Rs. * _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents sealed with the Common Seal of the said Bank this ____ day of ____ 20____.
3. THE CONDITIONS of this obligation are :
 - i. If the bidder withdraws its Bid during the period of bid validity specified by the Bidder in the Bid Form; or
 - ii. If the bidder refuses to accept the correction of error in his Bid; or
 - iii. If the bidder, having been notified of the acceptance of its Bid by the purchaser during the period of bid validity:
 - a. Fails or refuses to execute the Contract Agreement within the time specified in purchase / work order, if required, or
 - b. Fails or refuses to furnish the performance security within the time specified in purchase / work order in accordance with the GCC, or
 - c. Fails to commence supply of goods or services or execute work as per purchase / work order within time specified.
 - iv. If the bidder breaches any provision of the Code of integrity specified in the RTPP Act and Chapter VI of the RTPP Rules.
4. We undertake unconditionally and irrevocably to guarantee as primary obligator and not as surety merely to pay to the purchaser a sum of Rs. _____ (in words Rs. _____) upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the Purchaser will

note that the amount claimed by it is due to it owing to the occurrence of one or all of the above three conditions specifying the occurred condition or conditions.

5. The decision of the Superintending Engineer (MM&C), Jodhpur Vidyut Vitaran Nigam Limited, Jodhpur shall be final whether breach has been committed on the right to demand the amount of guarantee from us which has accrued to the purchaser.
6. This guarantee shall not cease or determine, if the purchaser grants time or indulgence or vary the terms of the contract with the Contractor or without our consent or knowledge.
7. The guarantee herein contained shall not be affected by any change in the constitution of the Contractor.
8. We _____(Bank Name) further undertake not to revoke this guarantee during its currency except with the previous consent of the Superintending Engineer (MM&C), Jodhpur Vidyut Vitran Nigam Limited, Jodhpur.
9. All disputes arising under the said guarantee between the Bank and the Nigam or between the Contractor and the Nigam pertaining to the guarantee, shall be subject to the jurisdiction of the Courts in Jodhpur, Rajasthan alone.
10. This guarantee will remain in force up to and including one hundred eighty (180) days after the date of the opening of bids, i.e. upto _____, with a further grace period of Ninety (90) days and any demand in respect thereof should reach the Bank not later than the above date.

Yours faithfully,
Bankers (EXECUTANT)

Signed by the above named Bank in presence of :
(signature with full Name and Address)

Witness :

1. _____.
2. _____.

Attested by Notary Public, First Class Magistrate or directly confirmed by the executing Bank.

* The Bidder should insert the amount of the guarantee in words and figures denominated in the currency of bid.

Note : In case the bid is submitted by a Joint Venture, the Bid Bank guarantee shall be in the name of Lead partner or in the name of joint venture partners submitting the Bid covering all the partners of the joint venture.

Appendix-B**IMPORTANT INSTRUCTION**

1. All the intending bidders are requested to submit hard copy of all the document(s), uploaded on the e-procurement web-portal, in a sealed envelop in the office of the SE (MM & C), JdVVNL, Jodhpur. This sealed envelop shall be opened on the same date of bid opening i.e. on website of e.proc.rajasthan.
2. **Bidders are requested to read the bid documents very carefully and upload their bid well in time. In the event of shortcoming in any tender document(s), the bid is likely to be rejected.**
3. At the time of accepting counter offer given or at the time of negotiation, bidders change the quantity of original offer & give the conditional acceptance of counter offer which is not in accordance with RTPP rules and Act therefore Negotiation with the bidders or counter offer given to bidder shall be accepted in terms of price only. Restriction on quantity to be supplied or any other conditional offer shall not be accepted. If any conditional offer is given then that bidder shall be treated for violation of the code of integrity in terms of sec 11 of RTPP Act and Rule 80 of RTPP Rules and action shall be taken against defaulter bidder in accordance with RTPP Rules and Act.
4. In case of bid security deposited, the firm deposits lesser security than the required amount, bid shall be rejected.
5. As per notification SO 165 issued by Fin. Dept. dt. 19.11.2015 on reference to RTPP rules, "clause 8(A)" bidding document shall be provided to MSME at 50% of prescribed cost.
6. RTPP Act 2012 & RTPP rules 2013 shall be applicable for the procurement process.
7. A declaration regarding debarment/blacklisting/code of integrity shall be given by bidder in Annx-'A' .

ANNEXURE-A**SELF ATTESTED UNDERTAKING TO BE GIVEN ON FIRM'S LETTER HEAD**

We, the undersigned declare that:

- 1. Our firm, its affiliates of subsidiaries including any subcontractor or suppliers for any part of the contract have not debarred by the state government or the procuring entity or a regulatory authority under any applicable law.**
- 2. We declare that we have complied with and shall continue to comply with the provision of the code of integrity including conflict of interest as specified for bidders in the RTPP Act 2012, RTPP Rules 2013 and the bidding document during the procurement process and execution of contract till completion of all our obligation under contract.**
- 3. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the bidding document issued by the procuring entity.**
- 4. I/We have fulfilled my/ our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the bidding document.**
- 5. I/We are not insolvent, in receivership, bankrupt or being wound up, not have my/ our affairs administered by a court or a judicial officer, not have my/ our business activities suspended and not the subject of legal proceeding for any of the foregoing reasons.**
- 6. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/ our professional conduct or the making of false statements or misrepresentations as to my/ our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings.**
- 7. I/We do not have a conflict of interest as specified in the Act, Rules and the bidding document, which materially affects fair competition.**

**Firm's Name
Seal & Signature**

ANNEXURE-I

**UNDERTAKING FOR CA CERTIFICATE (TO BE FURNISHED ON NON-JUDICIAL STAMP WORTH
Rs.100/- & DULY NOTARIZED)**

I/WE UNDERTAKE THAT THE CA CERTIFICATE SUBMITTED AS PER THE REQUIREMENT OF PRE-QUALIFICATION REQUIREMENTS, FOR ADJUDGING THE PAST SUPPLIES ,UNDER THE SUBJECT TENDER, TN-_____ , IS CORRECT AND I, UNDERSIGNED WILL BE SOLELY RESPONSIBLE FOR ANY DEVAITION/ DISCREPANCY/ IN-CORRECT INFORMATION , IF EVER NOTICED IN THE CA CERTIFICATE.

FURHER, IN CASE, IF ANY DEVAITION/DISCREPANCY/IN-CORRECT INFORMATION IS NOTICED IN THE CA CERTIFICATE FURNISHED WITH THE BID, AT ANY STAGE DURING PROCESSING/ CURRENCY OF TENDER, DISCOM CAN TAKE THE ACTION AGAINST THE FIRM M/s_____

_____AS PER THE RULES & REGULATIONS.

(SIGNATURE)
NAME & DESIGNATION
WITH SEAL OF THE BIDDER

ANNEXURE-II

Bidders are requested to furnish following details:

- 1. Name of Firm :**
- 2. Office Address :**
- 3. Work's Address :**
- 4. Email Address :**
- 5. Phone / Mobile No. :**
- 6. Fax No. :**
- 7. Name of Firm's representative :**
- 8. Contact No. of Firm's representative:**