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BHUTAN TELECOM LIMITED



TENDER NAME: BT/Batteries/2022

Bhutan Telecom invites ELIGIBLE bidders for submitting ebid through eprocurement systems for supply of Batteries subject to below conditions:

1. Instruction to Bidders

- 1.1. Bidders are requested to read RFP before creating Quotation for the tender
- 1.2. Bidders are requested to read the Manual for Bidding before bidding in the eprocurement Systems.
- 1.3. Bidders are requested to update the documents (Trade License) if expired before creating the Quotation for the tender.
- 1.4. Bidders are requested to submit *eBid* in the systems first and then also submit EMD **a day before actual submission date** of the systems date (**i,e by 28th December 2021**) to avoid disqualifying of bid submission.
- 1.5. ebid & EMD to be submitted by 27th December 2021 failing which it shall not be accepted. The ebid will be opened on 28th December 2021 (14:00 hrs).
- 1.6. **Technical Support and Queries:** Any clarification and queries please send the same to email address to Sandeep.monger@bt.bt/Manager.procurement@bt.bt

2. Bid Security

- 2.1. EMD (2%) of the total bid value in a sealed envelope to be submitted to Accounts Section in any of our nearest BT Branch Office.
- 2.2. The bid security shall be in the form of unconditional bank guarantee/Banker's Cheque/ Cash Warrant/ Demand Draft or as specified in the bidding documents and shall be enforceable in any Bank in Bhutan.
- 2.3. The Bid Security shall be in the name of Chief Executive Officer, Bhutan Telecom Ltd. Thimphu Bhutan. Bid Security must be issued by any scheduled Bank and acceptable to Bhutanese Bank and shall have to be valid for three months from the date of submission of ebid.
- 2.4. Bid Security of bidders whose bids have been declared "Non-Responsive" shall be returned after such declaration.
- 2.5. Bid Security of "Responsive" but unsuccessful bidders will be returned after receiving Performance Security from the "successful bidder".
- 2.6. Bid Security of "successful bidder" will be returned after receiving Performance Security.

3. Forfeiture of Bid Security

- 3.1. If a Bidder withdraws its bid during the period of bid validity his Bid Security shall be forfeited.
- 3.2. If the "Successful Bidder", to whom the Notification of Award for the supply is presented, refuses or neglects or fails to furnish the required Performance Security, his Bid Security shall be forfeited.



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4. Taxes and Duties

4.1. The bidder shall be entirely responsible for all taxes, duties, TDS and other such levies imposed outside and inside Bhutan.

5. Performance Security

5.1. Upon receipt of notification of award, the successful Bidder shall furnish a “Performance Security” to the purchaser within two weeks from the date of issuance of Purchase Order (PO). “Performance Security to be submitted to nearest BTL, Office.

5.2. The amount of such “Performance Security” shall be not less than 10% (ten percent) of the total “Evaluated Price” of bidder’s offer.

5.3. The “Performance Security” shall be denominated in the currencies of the contract and shall be in the form of Cash Warrant/Demand Draft/ an irrevocable Bank Guarantee to be given by any branch of scheduled banks in Bhutan.

5.4. The proceeds of this “Performance Security” shall be payable to the purchaser as compensation for any failure of the Bidder to complete his obligations stipulated in the contract.

5.5. If supplier fails to deposit “performance Security” within one week from the date of issuance of PO, the order shall be treated as cancelled and it shall be placed to the 2nd Lowest Bidder.

5.6. The “Performance Security” shall be discharged with or without deductions (as applicable) to the supplier upon his completion of performance obligations as described in the contract terms.

6. Payment Terms

6.1. 100% payment shall be released within 10 days from the date of delivery (CIF, Thimphu) of the total volume of the purchase order and no part payment whatever will be entertained during execution of the contract.

7. Liquidated Damages

7.1. Delivery (CIF, Thimphu) to be completed within 60 days from the date of issue of our purchase order failing of which liquidated damages of 0.1% of the purchase order value for every day’s delay will be levied subject to a maximum rate of 10%. Purchase order shall be treated cancelled thereafter and will be awarded to the next lowest bidder. In case of such event, the clause no.9 shall come into force/effect.

8. Prices

8.1. Price quoted by the bidder shall be **CIF, Thimphu Stores**

8.2. The bidder should quote as per the specification provided in Bid Form and delivery schedule

8.3. All prices quoted shall be on a per unit basis and valid till **for 12 months from the date of bid opening**. The selected bidders shall be contacted for additional supply of any enlisted item in future on repeat order basis for the entire contract period.



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9. Purchaser's Right

- 9.1.** Bhutan Telecom reserves the right to reject all or in part, the item supplied by the successful bidders during physical verification/technical testing if it believes that the goods supplied are non standard/non specific and unreliable in terms of quality.
- 9.2.** Bhutan Telecom reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders or any obligation to inform the affected bidders of the grounds for the purchaser's action.
- 9.3.** Bhutan Telecom reserves the right at the time of the contract to increase or decrease the quantity of item tendered, without any change in price or other terms and conditions.
- 9.4.** Bhutan Telecom also reserves the right to call quotations and receive the same in the form of email or fax, directly from the manufacturers in India and other countries and compare the rates with those offered by the local suppliers.
- 9.5.** If need be, Bhutan Telecom also reserve the right to purchase the items directly without assigning any reasons thereof.
- 9.6.** If the selected bidder fails to supply the full quantity of the bid, Bhutan Telecom shall cancel the order for the quantity not supplied and place the order to the next bidder in succession. However, Bhutan Telecom shall recover as liquidated damages, the difference between the contracted rates and the actual price paid to the next bidder for the quantity not supplied.

10. Mandatory Documents to be submitted with the bid.

- 10.1.** Bidders shall download Integrity Pact and resubmit/ upload duly filled, signed with Legal Stamp and completed form in original scan. Failing to upload, tender shall be considered non-responsive.
- 10.2.** Data Sheet & OEM Certificate/Dealership Certificate to be submitted along with tender failing which bid shall be considered non-responsive.

11. Warranty

The equipment should be delivered without any damage & defects and one year warranty to be covered after delivery of the equipment.

12. Scope of work: Delivery of the equipment as per the BOM. Please refer specifications as below (Annexure I)



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Annexure I Technical Specification

Item	Telecom Batteries - Sealed Maintenance Free, Valve Regulated Lead Acid Batteries
VRLA battery	VRLA- 2V/450 AH @ C10 @ 1.75 ECV @ 27 Deg.C (+)48V DC, 450 AH * 2 nos = 900 AH per site with battery racks, stands, connectors, battery remover, transparent covers, etc
	VRLA- 2V/760 AH @ C10 @ 1.75 ECV @ 27 Deg.C (+)48V DC, 760 AH * 2 nos = 1520 AH per site with battery racks, stands, connectors, battery remover, transparent covers, etc
	VRLA- 2V/2000 AH @ C10 @ 1.75 ECV @ 27 Deg.C (+)48V DC, 2000 AH * 2 nos = 4000 AH per site with battery racks, stands, connectors, battery remover, transparent covers, etc
VRLA UPS batteries	UPS Batteries: 12V/200 AH, Make: AMARON QUANTA, SMF VRLA, Model No 12AL200N. Dimension (mm): 541x232x238
	UPS Batteries: 12V/42 AH, Make: AMARON QUANTA, SMF VRLA, Model No 12AL042. Dimension (mm): 199x167x175
	UPS Batteries 45W/Cell, Model No. NPW25-12, Yuasa Make
Brand/Make	HBL/Amaraja/Rocket/NED
Unit	Bank (24cells/bank)
Installation type	Rackmount, 24 cells in one rack

Sl.No	Specification	Description
UPS (Online) 10KVA, 1 phase with batteries, stand.		
1	Input	230 Volts +/- 10% Single Phase, 50 Hz +/- 5%
1.1	Output	230 Volts, Single phase, 50 Hz \pm 0.5%, with voltage stability of 1% with Ultra isolation transformer
1.2	Output KVA	10 KVA with power factor 0.8 lagging to 1.0
1.3	Output wave form	Sinusoidal wave shape, THD less than 3% at all loads
1.4	Efficiency	Better than 91% at quarter to full load at nominal voltage of 415 volts at input.
1.5	Transient response	Overshoot allowed \pm 3% for step load of 0-100%
1.6	Recovery time	< 10 milli seconds
1.7	Overload capacity	< 110% for 60 minutes, 111-125% for 10 minutes, 126-150% for 1 minutes.
1.8	DC ripple with batteries	< 1.0% or better



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1.9	Load to be connected on the UPS	Monitor, Laptop, Lightning, etc
1.10	Static bypass facility	Facility to bypass UPS output and connect line input to load directly in case of problem in UPS should be provided.
1.11	Display/ indicators	Indicators: AC mains normal, Reserve source normal, rectifier ON, inverter ON, static switch, battery status. Display: Input, output, current, voltage & frequency and battery voltage. Battery charging current when load on mains. Any abnormal messages.
1.12	Interface	RS 232 or RS 485, status dry contact outputs
1.13	Operating condition	Ambient temperature of 0-45 degrees centigrade with RH up to 95%
1.14	Cooling	Forced air cooling with built in fans
1.15	Cabinet/ panels	Made out of suitable CRCA sheet with powder coating after 7 tank cleaning process. Should occupy minimum floor base area.
1.15	Protections	Under/over voltage, surge voltage, overload, over temperature, short circuit on load side, lightning protection, earth fault, low battery etc.
1.16	Battery	VRLA sealed maintenance free batteries with heavy duty connecting links and suitable racks for placement. Racks made out of suitable CRCA sheet with suitable channels for reinforcement with powder coating after 7 tank cleaning process. Rack should occupy minimum floor base area.
1.17	Back up time	30 minutes at full load, i.e. 8 kW
1.18	Make	Delta, Eaton, APC, Vertiv