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BHUTAN TELECOM LIMITED

TENDER NAME: BT/supply and installation of CCTV/2021

Bhutan Telecom invites ELIGIBLE bidders for submitting ebid through eprocurement systems for supply and installation of CCTV subject to below conditions and as per specification and scope of works:

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 & 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 3rd May 2021**) to avoid disqualifying of bid submission.
- 1.5. ebid & EMD to be submitted **by 3rd May 2021** failing which shall it shall not be accepted. The ebid will be opened on **4th May 2021 (14:00 hrs)**. Clarification to be seek no later than **30th April 2021 (24:00 hrs)**

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
- 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



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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.

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.



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7. Liquidated Damages

7.1 Delivery , Supply & installation works as specified in Scope of works (clause: 11) to be completed within 45 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.

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.



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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, bid shall be considered non-responsive.

10.2 Data Sheet /Catalogue for Camera & NVR to be provided failing which bid shall be considered non-responsive.

10.3 Compliance Sheet to be uploaded failing which bid shall be considered non-responsive.

10.4 Documents for past work experience if available to be uploaded for references.

11. Scope of work:

11.1 Supply and carry out physical installation and connectivity and configuration of all the equipment in accordance with plans approved by purchaser

11.2 Configuration

11.3 Implementation

11.4 Training to cover all essential aspects of the solution for operation and maintenance

11.5 Standard upgrades release post implementation phase has to be provided and upgraded free of cost.

11.6 Should be implemented on BT LAN

11.7 Any additional Hardware requirement not mentioned in the RFP should be proposed by the Vendor

11.8 The vendor should complete all installation and commissioning within 15 days of equipment delivery.

11.9 The Lowest bidder shall be asked for supply one set camera (Dome & Bullet) along with NVR for installation for test. After successful testing only the full order shall be confirmed.

12. Warranty

The equipment should be delivered without any damage & defects with warranty of one year after the installation.



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13. **Technical Support and Queries:** please send your queries to manager.procurement@bt.bt/sandeep.monger@bt.bt

Annexure-I (Specification)

A: NVR Specification:

32 Channel Network Video Recorder (NVR) with 8 SATA Specification

SI No	Feature	Specification	Compliance (Yes/No)
1	Main Processor	NVR should have Quad-Core or better Embedded Processor	
2	Operating System	Propose by vendor	
3	IP Camera Input	32 channels	
4	Display Interface	2 HDMI, 1 VGA output for viewing	
5	Display Resolution	3840×2160, 1920×1080, 1280×1024, 1280×720, 1024×768	
6	Incoming / Outgoing Bandwidth	Minimum 384 Mbps Incoming / 384 Outgoing bandwidth	
7	Display Split	1/4/8/9/16//25/36	
8	Support multiple brands	Should Support Multi-brand network cameras	
9	OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording	
10	Recording Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG	
11	User Interface	GUI	



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12	Motion Detection	MD Zones: 396 (22×18)	
13	Video Loss	Should support Video Loss	
14	Camera Blank	Should support Camera Blank	
15	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	
16	Search Mode	Time/Date, Alarm, MD & Exact search (accurate to second), Smart search	
17	Backup Mode	USB Device/Network/eSATA Device	
18	Hard Disk	8 SATA Hard Disk Interface (3.5" SATA, Up to 48TB)	
19	External HDD	1 eSATA up to 16TB	
20	Network Ethernet	2 RJ-45 ports (10/100/1000Mbps)	
21	RAID Support	Hardware RAID 0, 1, 5, 6, 10	
22	USB	4 USB ports or better	
23	NAS support (iSCSI)	NVR should support NAS from day 1	
24	Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search etc	
25	Model	Vendor to specify	
26	Connectivity	Should support IP camera capability and deployed in existing BT LAN	
27	Monitor	Multi Viewing location through existing network and vlan based configuration	

NB: Compliance sheet to be uploaded with the online quotation in document prerequisite for participation



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B: Camera Specification:

SL.No	Type (Dome/Bullet)	Resolution	Specification	Chief Characteristics
1	Dome	3 MP	1/2.7" SmartSens CMOS sensor, Sigmastar SoC, HDR, Starlight Main Stream: 3MP@30fps 4MP@30fps 1080P@30fps 720P@30fps, POE capable	Water Resistance: IP67 ,IR LED: 14 μ x 20PCS ,IR Range: 25M ,Board Lens 3.6mm, Anti-Cut 3-Axis Bracket Size: 186(W) x 75(H) x 71(D)mm Weight: 750g 55*42*42CM 25PCS/CTN,
2	Bullet	AF-5MP	1/2.8" CMOS sensor Starvis Back-illuminated Hisilicon SoC, ONVIF,HDR,Smart IR,Main Stream: 5MP@20fps ,4MP@30fps 1080P@30fps, POE capable, 5MP 2.7-	Water Resistance: IP67,IR LED: 42 μ x 4PCS,IR Range:40M 8MP Board Lens 3.6mm ,Size: 268(W) x 95(H) x 88(D)mm ,Weight: 1.5Kgs 59*39*40CM 12PCS/CTN. Plastic Junction Box

BOQ for Camera:

Location	Dome Camera	Bullet Camera
Store	3	2
HQ	2	1
New Building		2
CSS	6	2
BT Gate		2
Total	11	9

NB: The Lowest bidder shall be asked for supply one set camera (Dome & Bullet) along with NVR for installation for test. After successful testing only the full order shall be confirmed.