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BHUTAN TELECOM LIMITED

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TENDER NAME: "fencing, Installation and Commissioning of Tower, Monopole & Shelter & relocation works"

Bhutan Telecom invites your firm for submitting ebid through eprocurement systems for **"fencing, Installation and Commissioning of Towers, Monopole & Shelter & relocation works"** 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 & 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 14th January 2021**) to avoid disqualifying of bid submission.

1.5. ebid & EMD to be submitted by 14th January 2021 failing which shall it shall not be accepted. The bid shall be opened on 15th Janaury 2020 (14:00 hrs)

2. **Bid Security**

2.1 EMD (2%) of the total bid value in a sealed envelope to be submitted to Finance & Accounts Section.

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".

2.6.1 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.

4. **Taxes and Duties**

4.1 The bidder shall be entirely responsible for all the taxes, duties and other such levies imposed outside & Inside Bhutan including TDS/FCT as applicable.

Performance Security

4.1 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.

4.2 The amount of such "Performance Security" shall be not less than 10% (ten percent) of the total "Evaluated Price" of bidder's offer.

4.3 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.

4.4 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.

4.5 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.

4.6 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.

5. Prices

5.1 Equipment Price quoted by the bidder shall be **CIF, Phuentsholing Stores**

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

5.3 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.

5.4 Prices should be inclusive loading charges. If the vendor wish to use BT's forklift, the charges to be paid separately during unloading of equipment.

6. Purchaser's Right

6.1 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.

6.2 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.

6.3 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.

6.4 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.

6.5 If need be, Bhutan Telecom also reserve the right to purchase the items directly without assigning any reasons thereof.

6.6 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.

7. Mandatory Documents to be submitted with the bid.

7.1 Bidders shall download Integrity Pact and resubmit/ upload duly filled and signed and completed form in original scan to be submitted. Failing to upload, tender shall be considered non-responsive.

8. Scope of Work

The scope of work includes supply of Fencing Materials, Local Transportation, Foundation, installation , Commissioning & erection of towers at various sites. You are ***required to quote separately*** for supply and services as the BOM.

9. Period of Execution of Work / Delivery

The contractor shall complete with work within 2 (two) months from the date of site is ready failing which the contractor shall be liable for liquidated damages as detailed in clause 15 for both the supply and installation accordingly.

10. Contractors Responsibility

The contractor shall perform the work stipulated in clause 2 above.

The contractor shall take full responsibility of performance, stability, reliability and durability of the facilities installed

The contractor shall complete the service component within 2(months) months as stipulated in Clause 9.

A fortnightly progress report shall be submitted giving the details on the progress of supply, installation and commissioning of the system.
Any part of the work found not to the satisfaction of Bhutan Telecom shall be remedied at the expense of the contractor

Packaging and delivery of the materials should be done site wise and PO wise

Bidder or their representative should visit the site before submission of bids and full covid-19 protocols put in Place by Royal Government of Bhutan must be followed diligently. BT shall provide preliminary data as reference.

The contractor shall be fully responsible for the deviation of work scope for not adhering as specified above

Head loading of materials should be CIF site identified by BT

Bidder should submit exclusive services cost breakup for tower, shelter and power (services includes transportation, head loading, installation & commissioning etc.) The service cost pertaining to tower, shelter and power can be broken up and allotted to different vendors.

The contractor shall deploy minimum of one team per region for execution of tower, shelter and power.

Bidder shall submit exclusive cost breakup for hardware and services

The contractor shall handover balance materials to respective region/local BT offices or CHQ project section with proper signed handing taking document.

The contractor shall clean station and its surrounding and dispose wastes at the safe place post installation in accordance to the National Environment Commission policy

The contractor shall be fully responsible for any damages caused except force majeure prior to Acceptance test /handing taking

A fortnightly progress report shall be submitted giving the details on the progress of supply, installation and commissioning of the system.

The selected bidder/contractor shall submit the implementation schedule on the supply, civil works, installation and commissioning of tower, shelter and power based on the work plan shared by BT.

Any part of the work found not to the satisfaction of BT shall be remedied at the expense of the contractor.

The contractor shall supply any additional orders at the unit price within the Contract period. The Employer shall decide the location of supply.

The contractor shall ensure availability of spares within warranty period.

The contractor shall follow guidelines of COVID-19 Protocol issued by Royal Government of Bhutan and any expenses pertaining to COVID-19 shall be borne by contractor. The expenses include the logistic and medical expenses for the employees of contractor/supplier.

The contractor shall be fully responsible for transportation of materials on transship while BT will facilitate approval from agencies.

The contractor shall develop and level the sites which includes tree felling while BT shall support and facilitate in obtaining approval from agencies.

11. **Bhutan Telecom's Responsibility**

Bhutan Telecom shall take necessary measures to accord personnel of contractor such facilities as issuance of visas, permits and other authorizations necessary for the entry into Bhutan and travel to the sites.

BT shall acquire land and hand over to contractor

BT also reserves right to change in implementation schedule based on the priority which will be informed in advance to the contractors.

12. Inspection and Testing

The contractor shall conduct standard tests in presence of Bhutan Telecom representatives to conform to general technical standards.
Should any tested/ inspected goods/ materials fail to conform to the specifications Bhutan Telecom may reject them and the contractor shall replace the rejected goods/material or make alteration necessary to meet the specifications without any cost to Bhutan Telecom.

13. Warranty

The contractor shall warrant service for a period of 12 months from the date of commissioning/erection/UAT.

14. **Payment Terms**

Expatriate supervision & Local service charge i.e., transportation and erection/commissioning charges shall be paid as follows:

Eighty percent (80%) of the charges shall be paid on pro-rata basis after installation at site and on certification by the Engineer.

Twenty percent (20%) of the charges shall be paid within 30 days of operational acceptance and taking over of the component

15. Liquidated Damages

If the contractor fails to supply, install and commission the work within the stipulated time detailed in Clause 9, Bhutan Telecom shall be entitled to recover 0.1% of the value of the delayed quantity of goods and services for every day's delay till a maximum of 10%.

16. Force Majeure

Either party shall be excused from the performance or punctual performance of any of its obligations under this contract, and such obligations shall be extended for a period reasonable under circumstances, if the performance of this contract is prevented or delayed by any cause beyond the effected parties' reasonable control which, without in any way limiting the generality of the foregoing, shall include acts of God, riots, wars, earth quakes, storms, cyclone landfall, lightning, landslides, accidents, pandemic, embargo or requisition (acts of government), including non-availability of visas and permits for contractors' personnel, or delays in the performance of its subcontractors caused by any such circumstances.

Non-availability or withdrawal of any export/import licenses for the goods or any part thereof in this contract cannot be considered as force Majeure events. And accidents due to wild animals cannot be considered as force Majeure events.

In case of Force Majeure, the contractor shall promptly notify the employer in writing and furnish the employer with all relevant information thereto. Should a cause of force majeure continue for more than one (1) month, either party shall then have the right to terminate this contract.

1. **Technical Support and Queries**

   For further details and queries, please contact @cpsmobilepms@bt.bt /manager.procurement@bt.bt

Equipment Details: For reference to bid for services

Tower :(please refer headload details for site/location)

Sl. No	Description	Sites
1	30M self-supporting Complete supply, fabrication, galvanization (min 85micron) self-supporting 3-legged angular construction with separate Earthing provisions. Tower should have name plate (supplier company name, Height and year of installation). Antenna mounting structures (3m) and aviation lamp with cable and accessories as per the Specification	15
2	25M self-supporting Complete supply, fabrication, galvanization (min 85micron) self-supporting 3-legged angular construction with separate Earthing provisions. Tower should have name plate (supplier company name, Height and year of installation).Antenna mounting structures (3m) and aviation lamps as per the Specification	11
3	20M self-supporting Complete supply, fabrication, galvanization (min 85micron) self-supporting 3-legged angular construction with separate Earthing provisions. Tower should have name plate (supplier company name, Height and year of installation).Antenna mounting structures (3m) and aviation lamps as per the Specification	2

4	15M self-supporting Complete supply, fabrication, galvanization (min 85micron) self-supporting 3-legged angular construction with separate Earthing provisions. Tower should have name plate (supplier company name, Height and year of installation). Antenna mounting structures (3m) and aviation lamps as per the Specification	1
	Total	29

2. MonoPole Equipment Details (for reference to quote the services)

Sl. No	Description	Sites
1	15M With separate Earthing provisions. Tower should have name plate (company name (Bhutan Telecom Limited, Height and year of installation), 3 LED Lamp with LDR Sensor, 3 nos of antenna mounting structure (1.5m), 4 nos of radio mounting structure (500-600mm).	17
2	15M With separate Earthing provisions. Tower should have name plate (company name (Bhutan Telecom Limited, Height and year of installation), 2 LED Lamp with LDR Sensor, 3 nos of antenna mounting structure (1.5m), 4 nos of radio mounting structure (500-600mm).	25
3	15M With separate Earthing provisions. Tower should have name plate (company name (Bhutan Telecom Limited, Height and year of installation), 1 LED Lamp with LDR Sensor, 3 nos of antenna mounting structure (1.5m), 4 nos of radio mounting structure (500-600mm).	2
2	12M With separate Earthing provisions. Tower should have name plate (company name (Bhutan Telecom Limited, Height and year of installation), 3 LED Lamp with LDR Sensor, 3 nos of antenna mounting structure (1.5m), 4 nos of radio mounting structure (500-600mm).	2
3	12M With separate Earthing provisions. Tower should have name plate (company name (Bhutan Telecom Limited, Height and year of installation), 2 LED Lamp with LDR Sensor, 3 nos of antenna mounting structure (1.5m), 4 nos of radio mounting structure (500-600mm).	1
	Total	47

3. Monople Site Details for above 47 nos of Equipment.

SN	Region	PC	Site	Tower	LED Lamp
1	CR	Gelephu	Gelephu Town1	15m	2
2	CR	Gelephu	Gelephu Town2	15m	2

3	CR	Trongsa	Sattellite town (Taktse)	15m	2
4	CR	Bumthang	Chamkhar Town	15m	2
5	CR	Gelephu	Pelrigthang	15m	2
6	CR	Gelephu	Rabdeling	15m	2
7	CR	Damphu	Damphu Town	15m	2
8	CR	Damphu	Datshang Area	15m	2
9	ER	Mongar	Gyelposhing college	15m	3
10	ER	T/Gang	Sherabtse College (Girls Hostel area)	15m	3
11	ER	T/Gang	Sherabtse College (Boys Hostel area)	15m	3
12	ER	S/Jongkhar	Deothang Hospital	15m	3
13	ER	Tyangtse	Town	15m	1
14	ER	Mongar	Traling	15m	2
15	ER	Mongar	Public Ground	15m	3
16	ER	Mongar	Upper Changshingpeg	15m	1
17	ER	SJK	Deothang Shedra	15m	3
18	ER	SJK	Nganglam Fatung town	15m	3
19	SWR	P/Ling	Pipal Dara	15m	2
20	SWR	P/Ling	AWP Colony	15m	2
21	SWR	P/Ling	Tinkilo	15m	2
22	SWR	P/Ling	Hospital	15m	3
23	SWR	P/Ling	BOBL Colony	15m	3
24	SWR	Samtse	Samtse Hospital	15m	3
25	SWR	Samtse	Tendu Royal Guest House (RGH)	15m	3
26	SWR	P/Ling	Pemaling	15m	2
27	SWR	Pling	Toorsa-Way to Dham	15m	2
28	SWR	Samtse	Pugli Industrial Estate	15m	3
29	SWR	Samtse	BPC Substation & Colony	15m	2
30	SWR	Gedu	Tashi Gatshel	15m	2
31	SWR	Gedu	CHPC colony	15m	3
32	WR	Thimphu	Changtagang	15m	2
33	WR	Thimphu	Near Peaceful Resort	15m	3
34	WR	Thimphu	Hongkong Market	15m	3
35	WR	Thimphu	Minister Colony	15m	3
36	WR	Thimphu	Tashichoedzong	12m	3
37	WR	Thimphu	Upper Taba	15m	2
38	WR	Paro	Paro Airport	12m	2
39	WR	Thimphu	Lungtenphu Helipad	12m	3
40	WR	Thimphu	Babesa	15m	2

41	WR	Thimphu	Changjiji	15m	3
42	WR	Thimphu	Changzamtok	15m	2
43	WR	Paro	Shangachoekhor	15m	2
44	WR	Wangdue	Chuzomsa	15m	2
45	WR	Wangdue	Rubesa	15m	2
46	WR	Thimphu	Above Chubugang	15m	2
47	WR	Thimphu	RBA Headquater	15m	2

5. Foundation & Design diagram as attached:

6. BTS shelter Specifiation for 24 nos(please refer headload details and site/location for quoting)

Ext.: 3600x2600x2500 (LxWxH in mm),
Panel with Foam – 60 mm,
Material of Skins – 0.6mm x 0.6mm Precoated Steel,
Floor – Ply 18mm and PVC 2mm

7. Shelter foundation drawings as attached.
8. Fencing Design Diagram as attached.
9. Tower & Monolople Drawings as attached.