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**BHUTAN TELECOM LIMITED**



**TENDER NAME: BT/Fiber Accessories/2023**

Bhutan Telecom invites ELIGIBLE bidders for submitting ebid through eprocurement systems for supply of Fiber Accessories subject to below conditions and as per specification in the BOM.

**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 28<sup>th</sup> March 2023**) to avoid disqualifying of bid submission.
- 1.5. ebid & EMD to be submitted by 27<sup>th</sup> March 2023 failing which it shall not be accepted. The ebid will be opened on 27<sup>th</sup> March 2023 (14:00 hrs).

**2. Bid Security**

- 2.1. EMD (2%) of the total bid value in a sealed envelope to be submitted to the 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 the 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.

**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.



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## 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 an 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 **for 12 months from the date of bid opening**. The selected bidders shall be contacted for additional supply of any enlisted item in the 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.



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- 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. **Samples to be provided at the time of evaluation failing which Tender will be considered non-responsive.**

**11. Warranty**

The equipment should be delivered without any damage & defects.

**12. Technical Specification/Drawings**

Please refer the attachment for references and quoting.

**13. Technical Support and Queries:** please send your queries on or before 20<sup>th</sup> March 2023 [procurement@bt.bt](mailto:procurement@bt.bt)/[manager.core@bt.bt](mailto:manager.core@bt.bt)/[manager.outsideplant@bt.bt](mailto:manager.outsideplant@bt.bt)



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ADSS Fiber Accessories 2023			
Sl.No	Description of Item	UoM	Total
1	ADSS Fiber Cross Arm or Storage Bracket	Set	413
2	ADSS Suspension Assembly with Pole Clamp ( in a set)	Set	552
3	ADSS Fiber Tensioner Assembly Guy Grip ( in a set)	Set	3130
4	ADSS Fiber Spiral Vibration Damper	Nos.	5214
5	Fiber Optic Join Enclosure 48C Cylindrical Type Closure	Nos.	21
6	Fiber Optic Join Enclosure 24C Cylindrical Type Closure	Nos.	27
7	Fiber Optic Join Enclosure 24C Horizontal Type Closure	Nos.	20
8	Fiber Optic Join Enclosure 12C Horizontal Type Closure	Nos.	110
9	Dome type ,outdoor fiber optic enclosure 6C	Nos.	162
10	12C Sliding FODP Rack Mountable with fully loaded SC Adaptor	Nos.	28
11	24C Sliding FODP Rack Mountable with fully loaded SC Adaptor	Nos.	15
12	48C Sliding FODP Rack Mountable with fully loaded SC Adaptor	Nos.	13
13	Small Joint Box (like the one used by vable operators last mile)	Nos.	35



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Sl.No	Description of Item	UoM	Total
1	Optical Patch cords single mode single fiber simplex SC-LC 2M	Nos	580
2	Optical Patch cords single mode single fiber simplex SC-LC 3M	Nos	760
3	Optical Patch cords single mode single fiber simplex SC-LC 5M	Nos	830
4	Optical Patch cords single mode single fiber simplex SC-LC 20M	Nos	420
5	Optical Patch cords single mode single fiber simplex SC-LC 10M	Nos	830
6	Optical Patch cords single mode single fiber simplex SC-LC 1M	Nos	780
7	Optical Patch cord single mode single fiber simplex SC-SC 15m	Nos	700
8	Optical Patch cords single mode single fiber simplex SC-SC 3M	Nos	720
9	Optical Patch cords single mode single fiber simplex SC-SC 1M	Nos	750
10	Optical Patch cords single mode single fiber simplex SC-SC 5M	Nos	750
11	Optical Patch cords single mode single fiber simplex SC-SC 10M	Nos	770
12	Optical Patch cords single mode single fiber simplex SC-SC 2M	Nos	480
13	Optical Patch cords single mode single fiber simplex SC-SC 0.5M	Nos	400
14	Optical Patch cords single mode single fiber simplex SC-SC 20M	Nos	380
15	Optical Patch cords single mode single fiber simplex LC-FC 5M	Nos	330
16	Optical Patch cords single mode single fiber simplex LC-LC 3M	Nos	330
17	Optical Patch cords single mode single fiber simplex LC-LC 6M	Nos	330
18	Optical Patch cords single mode single fiber simplex LC-LC 10M	Nos	490
19	Optical Patch cords single mode single fiber simplex LC-LC 20M	Nos	10
20	Duplex Patch cord - SC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 1mtrs with Low Smoke Zero Halogen	Nos	485
21	Duplex- SC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 2mtrs with Low Smoke Zero Halogen	Nos	390
22	Duplex- SC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 3mtrs with Low Smoke Zero Halogen	Nos	370
23	Duplex - SC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 5mtrs with Low Smoke Zero Halogen	Nos	420
24	Duplex - SC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 10mtrs with Low Smoke Zero Halogen	Nos	420
25	Pigtail Simplex - FC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 0.9mm $\varnothing$ , 5mtrs with Low Smoke Zero Halogen	Nos	365
26	Duplex - FC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm 10 mtrs with Low Smoke Zero Halogen $\varnothing$ ,	Nos	330
27	Duplex - FC/UPC-SC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm 20 mtrs with Low Smoke Zero Halogen $\varnothing$ ,	Nos	95
28	Duplex - SC/UPC-LC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 1mtrs with Low Smoke Zero Halogen	Nos	86
29	Duplex - SC/UPC-LC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 2mtrs with Low Smoke Zero Halogen	Nos	75



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30	Duplex - SC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm ø,5mtrs with Low Smoke Zero Halogen	Nos	430
31	Duplex - SC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm ø,10mtrs with Low Smoke Zero Halogen	Nos	380
32	Duplex - SC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm ø,20mtrs with Low Smoke Zero Halogen	Nos	250
33	Duplex - LC/UPC-SC/UPC,Fiber type OS2 9/125µm, 3.0mm 10 mtrs with Low Smoke Zero Halogenø,	Nos	360
34	Duplex Patch cord - LC/UPC-FC/UPC,Fiber type OS2 9/125µm, 3.0mm 10mtrs with Low Smoke Zero Halogenø,	Nos	330
35	Duplex Patch cord - LC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm 1mtrs with Low Smoke Zero Halogenø,	Nos	95
36	Duplex Patch cord - LC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm 5mtrs with Low Smoke Zero Halogenø,	Nos	581
37	Duplex - LC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm 6mtrs with Low Smoke Zero Halogenø,	Nos	95
38	Duplex - LC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm 10mtrs with Low Smoke Zero Halogenø,	Nos	86
39	Duplex - LC/UPC-LC/UPC,Fiber type OS2 9/125µm, 3.0mm 20mtrs with Low Smoke Zero Halogenø,	Nos	86
40	Pigtail Simplex - SC/UPC,Fiber type OS2 9/125µm, 0.9mm ø,5mtrs with Low Smoke Zero Halogen	Nos	1050
41	Pigtail LC/UPC,Fiber type OS2 9/125µm, 0.9mm ø,2mtrs with Low Smoke Zero Halogen	Nos	1380
42	Pigtail Simplex - SC/UPC,Fiber type OS2 9/125µm, 0.9mm ø,1mtrs with Low Smoke Zero Halogen	Nos	335
43	Pigtail simplex LC/UPC,Fiber type OS2 9/125µm, 0.9mm ø,5mtrs with Low Smoke Zero Halogen	Nos	105
44	Pigtail simplex LC/UPC,Fiber type OS2 9/125µm, 0.9mm ø,10mtrs with Low Smoke Zero Halogen	Nos	55
45	Pigtail Duplex, LC/UPC-LC/UPC, Fiber type OS2 9/125µm, 3.0mm ø,10mtrs with Low Smoke Zero Halogen	Nos	55
46	Pigtail simplex, 12 core set, SC/UPC, Fiber type OS2 9/125µm, 0.9mm ø,1mtrs with Low Smoke Zero Halogen	Nos	110
47	Pigtail simplex, 12 core set, SC/UPC, Fiber type OS2 9/125µm, 0.9mm ø,5mtrs with Low Smoke Zero Halogen	Nos	420
48	Pigtail simplex, 24 core set, SC/UPC, Fiber type OS2 9/125µm, 0.9mm ø,1mtrs with Low Smoke Zero Halogen	Nos	55
49	Armoured FO anti-rodent outdoor SC/UPC-SC/APC 9/125 SM Patch cord - 5 meter	Nos	1070
50	Armoured FO anti-rodent outdoor SC/UPC-SC/APC 9/125 SM Patch cord - 10 meter	Nos	1070



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51	Armoured FO anti-rodent outdoor SC/UPC-SC/APC 9/125 SM Patch cord - 20 meter	Nos	1540
52	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-10M-LSZH (Duplex)	Nos	60
53	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-5M-LSZH (Duplex)	Nos	60
54	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-3M-LSZH (Duplex)	Nos	60
55	Fiber Joint Sleeve 60mm ( 100 peice per packet)	Nos	25030
56	Fiber Joint sleeve 40mm ( 100 peice per packet)	Nos	540
57	Duplex - LC/UPC-SC/UPC,Fiber type OS2 9/125 $\mu$ m, 3.0mm 10 mtrs with Low Smoke Zero Halogen $\emptyset$ ,		230
58	Pole Mount Pre-wired/Spliced 24 core FODP SC/UPC-SC /UPC Type		9
59	6 port FODP (SC Type ) Sliding fully loaded(19" Rack Mountable) 1 splicing tray 6 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mm $\Phi$ ,		10
60	12 port FODP (SC Type ) Sliding fully loaded(19" Rack Mountable) 1 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mm $\Phi$ ,		15
61	24 port FODP (SC Type ) Sliding fully loaded(19" Rack Mountable) 2 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mm $\Phi$ ,		5
62	48 port FODP (SC Type ) Sliding fully loaded(19" Rack Mountable) 4 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mm $\Phi$ ,		10
-	<b>FTTH passive materials</b>	-	
1	Pole mounted 1:2 Splitters	Nos	30
2	Wall mounted 1:2 Splitters	Nos	20
3	Pole mounted 1:4 splitters	Nos	40
4	Wall mounted 1:4 splitters	Nos	20
5	Pole mounted 1:8 Splitters	Nos	40
6	Wall mounted 1:8 Splitters	Nos	20
7	Pole mounted 1:16 Splitters	Nos	40
8	Wall mounted 1:16 Splitters	Nos	20
9	Pole mounted 1:32 Splitters	Nos	40
10	Wall mounted 1:32 Splitters	Nos	20
11	Wall mounted 1:4	Nos	10
12	Pole mounted 1:4	Nos	10
13	Wall mounted 1:8	Nos	10
14	Pole mounted 1:8	Nos	10
15	6C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	8



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16	6C Horizontal/Inline type Fiber Optic Enclosure	Nos	3
17	12C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	48
18	12C Horizontal/Inline type Fiber Optic Enclosure	Nos	33
19	24C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	64
20	24C Horizontal/Inline Fiber Optic Enclosure	Nos	28
21	48C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	35
22	48C Horizontal/Inline Fiber Optic Enclosure	Nos	25
23	96C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	28
24	96C Horizontal/Inline Fiber Optic Enclosure	Nos	12
25	120C cylindrical Fiber Optic Enclosure (Dome Type)	Nos	6
26	120C Horizontal/Inline Fiber Optic Enclosure	Nos	6
27	Waterproof Outdoor Dome Type fiber joint closure with 4 inlets/outlets- 24 Core	Nos	10
28	6C Sliding Rack mountable FODP	Nos	21
29	12C Sliding Rack mountable FODP	Nos	37
30	24C Sliding Rack mountable FODP	Nos	40
31	48C Sliding Rack mountable FODP	Nos	45
32	96C Sliding Rack mountable FODP	Nos	29
33	1:8 Pole mount splitter with 24C FODP	Nos	42
34	LC/APC female to male Attenuator, 8dB	Nos	6
35	LC/APC female to male Attenuator, 5dB	Nos	6
36	LC/APC female to male Attenuator, 3dB	Nos	6
37	LC/APC female to male Attenuator, 2dB	Nos	6
38	Fiber Optic Attenuator, Fixed - LC/UPC 2dB	Nos	8
39	Fiber Optic Attenuator, Fixed - LC/UPC 3dB	Nos	8
40	Fiber Optic Attenuator, Fixed - LC/UPC 5dB	Nos	9
41	Fiber Optic Attenuator, Fixed - LC/UPC 8dB	Nos	8
42	Fiber Optic Attenuator, Fixed - LC/UPC 10dB	Nos	8
43	Optical patch cord single mode single fiber simplex LC-FC 10M	Nos	10
44	Optical patch cord single mode single fiber simplex SC-FC 10M	Nos	10
45	Optical patch cord single mode single fiber simplex SC-FC 5M	Nos	15
46	Optical patch cord single mode single fiber simplex SC-LC 15M	Nos	370
47	Duplex - SC/UPC-LC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 15mtrs with Low Smoke Zero Halogen	Nos	70
48	Duplex - LC/UPC-LC/UPC, Fiber type OS2 9/125 $\mu$ m, 3.0mm $\varnothing$ , 10mtrs with Low Smoke Zero Halogen $\varnothing$ ,	Nos	70
49	1C FTTC Patch cord, SC/APC-SC/UPC, 60M	Nos	60
50	1C FTTC Patch cord, SC/APC-SC/UPC, 60M	Nos	120