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**DRUK HOLDING & INVESTMENTS LTD.**

**GROUP STANDARD BIDDING DOCUMENT**  
**GOODS**

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## Part I: NOTICE INVITING TENDER

**NIT No: BT/Fiber Accessories/2024**

1. Bhutan Telecom Ltd. invites eligible bidders to submit your e-bid for the supply of Fiber Accessories.
2. Bhutan Telecom Limited would like to inform the interested firms to kindly visit the website [www.tender.bt](http://www.tender.bt) for vendor registration and to submit the proposal online.
3. The user manual for vendor registration and bidding process is available on the website [www.tender.bt](http://www.tender.bt) or else can be downloaded from following links:-User manual for vendor registration-User manual for Bidding process and EMD upload manual.
4. SBD Timeline

<b>NIT No.</b>	<b>BT/Fiber Accessories/2024</b>
<b>Bid Submission &amp; EMD Submission Date &amp; Time</b>	On or before 11 <sup>th</sup> March 2024 (17:00 hrs)
<b>Bid Opening Date &amp; Time</b>	12 <sup>th</sup> March 2024 (14:00 hrs)
<b>RFP shall be available at</b>	<a href="http://www.tender.bt">www.tender.bt</a>

## Part II: Terms and Conditions

## 1. Scope of Supply

- 1.1. The bidder(s) may quote for lot wise items as per the technical specification as attached at Annexure -IV

## 2. Clarification to the bidding document

- 2.1. Further information can be obtained in writing from [manager.outsideplant@bt.bt/procurement@bt.bt/manager.core@bt.bt/choeda@bt.bt/hasbdr@bt.bt](mailto:manager.outsideplant@bt.bt/procurement@bt.bt/manager.core@bt.bt/choeda@bt.bt/hasbdr@bt.bt) not later than 8<sup>th</sup> March 2024.

## 3. Documents comprising bid

- 3.1. The bid must be accompanied by the following document:

- i. Bid Security
- ii. Catalogue/datasheet
- iii. OEM Certificate /Dealership Certificate
- iv. Valid Trade license
- v. Tax clearance
- vi. Integrity Pact Document

## 4. Bid Price

- 4.1. All prices shall be quoted in BTN/INR. The quoted price shall be CIF, Phuntsholing including taxes, duties and other levies to the final place of delivery, if required.

- 4.2. The final place of delivery of Equipment is Central Stores, Phuntsholing.

- 4.3. Each item shall be evaluated and contract awarded separately to the firm(s) offering the lowest evaluated price for each item.

*Or*

- 4.4. The bidder(s) must quote for all the items under this bid if in lot. Price bids will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.

- 4.5. All price quoted shall be on 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 in-listed item in the future or repeat order basis for the entire period.

## 5. Bid Validity

- 5.1. The bid shall be valid for 90 days from the date of submission of the bid. In exceptional circumstances, prior to the expiration of the bid validity period, the Purchaser may solicit the Bidder's consent to an extension of the bid validity period. The request and responses shall be made in writing. A bid valid for a shorter period shall be considered non-responsive.

## 6. Bid Security

- 6.1. The bid shall be accompanied by the bid security of **2% of the bid value** in the form of Cash Warrant/ Unconditional Bank Guarantee/ Banker Cheque/ Demand draft in the name of the **Chief Executive Officer, Bhutan Telecom Ltd** issued by the Financial Institution enforceable in any Banks in Bhutan.

- a) The Bid security shall be valid up to 3 months.
- b) The Bid Security is to be submitted as a part of the Bid in a separate sealed envelope and be submitted to Finance & Accounts Division or to our nearest Branch Office within the specified time in SBD timeline and also upload in the system.
- c) Any Bid not accompanied by bid security of adequate value and validity shall be rejected by the Purchaser and considered as non-responsive.

6.2. The bid security shall be forfeited in the following cases:

- a) If the Bidder withdraws the bid after Bid opening during the period of Bid validity.
- b) If the Bidder does not accept the correction of the Bid price;
- c) In the case of a successful bidder, if the bidder fails within the specified time limit to sign the Contract or furnish Performance Security.

## 7. Purchaser's Right to Accept Any Bid, and Reject Any or All Bids

7.1. The Purchaser is not bound to accept the lowest bid and reserves the right to accept or reject any or all the bids without assigning any reason whatsoever.

## 8. Quantity Variation

8.1. Depending on the final requirement, at the time of the award of the Contract, the Purchaser may increase or decrease the quantities by twenty five percent (25%) of the indicated quantity.

## 9. Award of Contract

9.1. The Purchaser shall award the Contract to the Bidder whose offer has been determined to be the lowest evaluated Bid. The Purchaser shall issue Notification of Award/ Purchase Order to the successful Bidder. Until a formal Contract is prepared and executed, the Notification of Award/Purchase Order shall constitute a binding Contract.

## 10. Delivery Schedule

10.1. The supply of the Goods and related service shall be completed within **two months** from the date of issue of the Purchase Order/ signing of the contract.

## 11. Performance Security

11.1. The Supplier shall be required to furnish Performance Security of 10% of the quoted price in the form of cash warrant, demand draft or unconditional Bank Guarantee in the name of Chief Executive Officer, Bhutan Telecom issued by a financial institution enforceable in any Banks in Bhutan, which shall be furnished upon issuance of notification of the award. Performance Security shall be valid till the end of warranty period and will be returned after the end of warranty period.

## 12. Liquidated Damage

12.1. If the Supplier fails to deliver any or all of the Goods by the date(s) of delivery or fails to perform the Related Services within the period specified in the Contract/ Purchase Order, the Purchaser shall deduct Liquidated Damages at the rate of **0.1%** per day for each day to a maximum of 10% of the total PO value.

## 13. Payment Terms

13.1. Equipment: **100% payment** shall be released on receipt of full quantity of materials and no part payment shall be entertained during the execution of the supply order.

13.2. At the time of release of payment, Tax shall be deducted at Source [TDS] from the gross amount of bills as per the Income Tax Act of the Bhutan. The Purchaser shall furnish necessary TDS Certificate to the Bidders, issued by the Department of Revenue & Customs, RGoB.

#### 14. Warranty Period

14.1. The Supplier shall provide the warranty for a period of **one year**, for the goods to be supplied and confirm that if any faults are detected within the warranty period in the supplied/installed Goods, the Supplier shall be bound to rectify the fault or replace the Goods as the case may be. The performance security shall be used to cover the cost of supplies not delivered or defective items not replaced or rectified.

14.2. Any goods found defective during the warranty period shall be replaced/ repaired by the supplier at his cost. If the supplier fails to rectify and or replace the defective goods, the Purchaser shall do it at the cost of the supplier.

#### 15. Submission of Bid

15.1. The Bidder shall submit the Bid Submission Form using the Form in the Annexure I if so required: This form must be completed without any alterations to its format, and no substitutes shall be accepted. All blank spaces shall be filled in with the information requested.

15.2. As such a bid in which the Bid Submission Form not duly filled, signed and sealed by the bidder shall be rejected.

#### 16. Termination

16.1. The Purchaser may, by written notice, terminate the Purchase Order or Contract in whole or in part at any time for its convenience:

16.1.1. If the Supplier fails to perform any other terms and conditions specified with the Purchase Order/ Contract, or exceeds the maximum amount of Liquidated Damages; and

16.1.2. If the Supplier fails to perform any other obligation(s) under the Purchase Order / Contract, and if the Supplier does not take any remedial action within a period of **one month** after receipt of a notice of default from the Purchaser specifying the nature of the default(s).

#### 17. Governing Law

17.1. The Contract/ Purchase Order shall be governed by and interpreted in accordance with the Laws of Bhutan.

#### 18. Dispute Resolution

18.1. Any settlement of dispute or arbitration of matter arising from the contract shall be settled as per the Alternative Dispute Resolution Act of Bhutan 2013 for Bhutanese Supplier and United Nations Commission on International Trade Law [UNCITRAL] Arbitration Rules of 1976 for International Supplier and will be binding for both parties.

## Part III: Forms:

**Annexure-I Bid Submission Form**

*[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]*

Date : .....*[insert date of Bid submission]*

Tender No.: .....*[insert number ]*.

To : *[insert complete name of the Purchaser]*

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda number: ..... *[insert the number and date of issue of each addendum]*;
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Schedule of Supply the following Goods and Related Services: *[insert a brief description of the Goods and Related Services]*;
- (c) The total price of our Bid, excluding any discounts offered in item is: *[insert the Bid Price in words and figures, indicating the various amounts and their respective currencies]*;
- (d) The discounts offered and the methodologies for their application are:

*Discounts.* If our Bid is accepted, the following discounts shall apply: *[Specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies.]*

*Methodology of Application of the Discounts.* The discounts shall be applied using the following methodology: *[Specify in detail the methodology that shall be used to apply the discounts]*;

- (e) Our Bid shall be valid for a period of *[insert number]* from the date fixed for the Bid submission deadline and it shall remain binding upon us and may be accepted at any time before expiry of that period;
- (f) If our Bid is accepted, we commit to provide a Performance Security in accordance with Clause 15 for the due performance of the Contract;
- (h) We, including any subcontractors or suppliers for any part of the Contract, have nationality from eligible countries, viz: *[insert the nationality of the Bidder, including that of all parties that comprise the Bidder if the Bidder is a JV/C, and the nationality each subcontractor and supplier]*
- (i) We have no conflict of interest;
- (j) Our firm, its affiliates or subsidiaries - including any subcontractors or suppliers for any part of the contract - has not been declared ineligible by the Purchaser under the laws or official regulations of Bhutan;

- (k) We have read the terms and conditions carefully, understood and agree to comply with all the clauses which are mentioned therein. In case of any breach of any condition on our part, we shall be liable for actions as per terms and conditions of the Contract.
- (l) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (m) We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.
- n) We accept the Vendor Performance Management System.

Signed: \_\_\_\_\_ [insert signature of person whose name and capacity are shown]

In the capacity of \_\_\_\_\_ [*insert legal capacity of person signing the Bid Submission Form*]

Name: \_\_\_\_\_ [*insert complete name of person signing the Bid Submission Form*]

Duly authorized to sign the bid for and on behalf of: \_\_\_\_\_ [*insert complete name of Bidder*]

Dated on \_\_\_\_\_ day of \_\_\_\_\_ [*insert date of signing*]

*Annexure II- Performance Security Form*

*[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated] Date: [insert date (as day, month, and year) of Bid submission]*

IFB No. and title: *[insert no. and title of bidding process]*

Bank's Branch or Office: *[insert complete name of Guarantor]*<sup>[SEP]</sup> **Beneficiary:** *[insert complete name of The company]*<sup>[SEP]</sup> **PERFORMANCE GUARANTEE No.:** *[insert Performance Guarantee number]*

We have been informed that *[insert complete name of Supplier]* (hereinafter called "the Supplier") has entered into Contract No. *[insert number]* dated *[insert day and month]*, *[insert year]* with you, for the supply of *[description of Goods and related Services]* (hereinafter called "the Contract").

Furthermore, we understand that, according to the conditions of the Contract, a Performance Guarantee is required.

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding *[insert amount(s)]*<sup>1</sup> *in figures and words* upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the *[insert number]* day of *[insert month]* *[insert year]*,<sup>2</sup> and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed *[six months]* *[one year]*, in response to The company's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

*[signatures of authorized representatives of the bank and the Supplier]*



*Annexure III- Contract Forms*

*[The successful Bidder shall fill in this form in accordance with the instructions indicated]*

THIS CONTRACT AGREEMENT made the *[insert number]* day of *[insert month]*, *[insert year]*,

BETWEEN

1. (1) *[insert complete name of Purchaser]*, a *[insert description of type of legal entity, for example, an agency of the Ministry of .... of the Government of Bhutan, or corporation incorporated under the laws of Bhutan]* and having its principal place of business at *[insert address of Purchaser]* (hereinafter called “The company”), and <sup>[ ]</sup><sub>[SEP]</sub>
2. (2) *[insert name of Supplier]*, a corporation incorporated under the laws of <sup>[ ]</sup><sub>[SEP]</sub>*[insert country of Supplier]* and having its principal place of business at *[insert address of Supplier]* (hereinafter called “the Supplier”). <sup>[ ]</sup><sub>[SEP]</sub>WHEREAS The company invited Bids for certain Goods and ancillary services, viz., *[insert brief description of Goods and Services]* and has accepted a Bid by the Supplier for the supply of those Goods and Services in the sum of *[insert Contract Price in words and figures, expressed in the Contract currency/ies]* (hereinafter called “the Contract Price”). <sup>[ ]</sup><sub>[SEP]</sub>NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to. <sup>[ ]</sup><sub>[SEP]</sub>

The following documents shall constitute the Contract between The company and the Supplier, and each shall be read and construed as an integral part of the Contract, viz.: <sup>[ ]</sup><sub>[SEP]</sub>

- (a) This Contract Agreement; <sup>[ ]</sup><sub>[SEP]</sub>
- (b) The Special Conditions of Contract; <sup>[ ]</sup><sub>[SEP]</sub>
- (c) The General Conditions of Contract; <sup>[ ]</sup><sub>[SEP]</sub>
- (d) Technical Requirements (including Schedule of Supply and Technical Specifications.) <sup>[ ]</sup><sub>[SEP]</sub>
- (e) The Supplier’s Bid and original Price Schedules; <sup>[ ]</sup><sub>[SEP]</sub>
- (f) The company’s Notification of Award of Contract; <sup>[ ]</sup><sub>[SEP]</sub>
- (g) The form of Performance Security; <sup>[ ]</sup><sub>[SEP]</sub>
- (h) The form of Bank Guarantee for Advance Payment; <sup>[ ]</sup><sub>[SEP]</sub>
- (i) *[Insert here any other document(s) forming part of the Contract]* <sup>[ ]</sup><sub>[SEP]</sub>

This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

In consideration of the payments to be made by The company to the Supplier as

3. Hereinafter mentioned, the Supplier hereby covenants with The Company to provide the Goods and Services and to remedy defects therein in conformity in all respects with the

provisions of the Contract.

4. The company hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Bhutan on the day, month and year indicated above.
6. For and on behalf of The company Signed: *[insertsignature]*
7. in the capacity of *[insert title or other appropriate designation]*<sup>[ ]</sup><sub>[SEP]</sub> in the presence of *[insert signature]* *[insert identification of official witness]*
8. For and on behalf of the Supplier<sup>[ ]</sup><sub>[SEP]</sub> Signed: *[insert signature of authorized representative(s) of the Supplier]*
9. in the capacity of *[insert title or other appropriate designation]*<sup>[ ]</sup><sub>[SEP]</sub> in the presence of *[insert signature]* *[insert identification of official witness]*

## Annexure IV- Technical Specifications

S N	Item Code	Description of Item	Qty	Unit
	<b>1</b>	<b>**ADSS FIBER ACCESSORIES**</b>		
1	FA00149	ADSS Fiber Cross Arm or Storage Bracket (in a set)	144	Set
2	FA00151	ADSS Suspension Assembly with Pole Clamp ( in a set)	560	Set
3	FA00150	ADSS Fiber Tensioner Assembly Guy Grip ( in a set)-Part I	1452	Set
4	FA01199	ADSS Fiber Tensioner Assembly Guy Grip ( in a set)-Part II	160	Set
5	FA00152	ADSS Fiber Spiral Vibration Damper	1300	nos
6	FA01123	ADSS Down lead clamp	362	Set
		Total (A)		
	<b>2</b>	<b>**Fiber Enclosure***</b>		
1	FA00529	Fiber Optic Join Enclosure Cylinder Type(6 core) Capacity :6 core (1 Pcs ,Splice tray ,6 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	10	nos
2	FA00239	Fiber Optic Join Enclosure Horizontal Type(6 core) Capacity :6 core (1 Pcs ,Splice tray ,6 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	300	nos
3	FA00997	Fiber Optic Join Enclosure Cylinder Type(12 core) Capacity :12 core (1 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	105	nos
4	FA00240	Fiber Optic Join Enclosure Horizontal Type(12 core) Capacity :12 core (1 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	122	nos
5	FA00527	Fiber Optic Join Enclosure Cylinder Type(24 core) Capacity :24 core (2 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	418	nos
6	FA00241	Fiber Optic Join Enclosure Horizontal Type(24 core) Capacity :24 core (2 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	209	nos
7	FA00760	Fiber Optic Join Enclosure Cylinder Type(48 core) Capacity :48 core (4 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	275	nos
8	FA00242	Fiber Optic Join Enclosure Horizontal Type(48core) Capacity :48 core (4 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	257	nos
9	FA00761	Fiber Optic Join Enclosure Cylinder Type(96core) Capacity :96 core (8 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	110	nos
10	FA00243	Fiber Optic Join Enclosure Horizontal Type(96core) Capacity :96 core (8 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	110	nos
11	FA00998	Fiber Optic Join Enclosure Cylinder Type(120core) Capacity :120 core (10 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	120	nos
12	FA00999	Fiber Optic Join Enclosure Horizontal Type(120core) Capacity :120 core (10 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: 526mm×Φ235mm	110	nos
13	FA01178	Small Optical Joint Box (TV cable joint box)	188	nos
		Total (B)		
	<b>3</b>	<b>**Fiber FODP***</b>		
1	FA01125	Fiber FODP Wall Mountable 6 core SC-UPC 0.9mm single mode Pigtail (6 core) Capacity :6 core (1 Pcs ,Splice tray ,6 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size :Outside Dimension(H*D)(415 x 190) ±20	50	nos
2	FA01126	Fiber FODP Wall Mountable 12 core SC-UPC 0.9mm single mode Pigtail (12core) Capacity :12 core (1 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm)Size:Outside Dimension(H*D)(415 x 190) ±20	375	nos
3	FA01127	Fiber FODP Wall Mountable 24 core SC-UPC 0.9mm single mode Pigtail (24 core) Capacity :24 core (2 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: Outside Dimension(H*D)(415 x 190) ±20	575	nos
4	FA01179	Fiber FODP Wall Mountable 48 core SC-UPC 0.9mm single mode Pigtail (48 core) Capacity :48 core (4 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: Outside Dimension(H*D)(415 x 190) ±20	150	nos

5	FA01128	Fiber FODP Wall Mountable 96 core SC-UPC 0.9mm single mode Pigtail (96 core) Capacity :96 core (8 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size:Outside Dimension(H*D)(415 x 190) ±20	120	nos
6	FA01129	Fiber FODP Wall Mountable 120 core SC-UPC 0.9mm single mode Pigtail (120 core) Capacity :120 core (10 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: Outside Dimension(H*D)(415 x 190) ±20	60	nos
7	FA01130	Fiber FODP Wall Mountable 144 core SC-UPC 0.9mm single mode Pigtail (144 core) Capacity :144 core (12 Pcs ,Splice tray ,12 cores Splice ), Cable entry points:4 pcs for express/cascade cable(Φ 8 mm-Φ 16 mm).Size: Outside Dimension(H*D)(415 x 190) ±20	60	nos
8	FA00978	Pole Mount Pre-wired/Spliced 6 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	54	nos
9	FA01131	Pole Mount Pre-wired/Spliced 12 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	81	nos
10	FA01132	Pole Mount Pre-wired/Spliced 24 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	83	nos
11	FA01133	Pole Mount Pre-wired/Spliced 48 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	156	nos
12	FA01134	Pole Mount Pre-wired/Spliced 96 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	120	nos
13	FA01135	Pole Mount Pre-wired/Spliced 120 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	60	nos
14	FA01136	Pole Mount Pre-wired/Spliced 144 core FODP SC/UPC-SM adapter with pigtails 1.5mtrs (fully loaded)	60	nos
15	FA00762	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 0.9mmΦ,	156	nos
16	FA00245	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 0.9mmΦ,	205	nos
17	FA00246	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 0.9mmΦ,	207	nos
18	FA00247	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 0.9mmΦ,	237	nos
19	FA00248	96 Port FODP (SC Type) Sliding Fully loaded(19" Rack Mountable) 8 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mmΦ,	156	no
20	FA01014	120Port FODP (SC Type) Sliding Fully loaded(19" Rack Mountable) 10 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mmΦ,	50	nos
21	FA01137	144 Port FODP (SC Type) Sliding Fully loaded(19" Rack Mountable) 12 splicing tray 12 core splice, including 0dB adaptor duplex with auto shutter,pigtail 0.9mmΦ,	65	nos
		Total ©		
	<b>4</b>	<b>**Splitters **</b>		
1	FA00982	Pole mounted fiber terminal box with 1:2 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters.	200	nos
2	FA00983	Wall mounted fiber terminal box with 1:2 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	194	nos
3	FA01139	Fiber Optic Splitter Panel, 19" Rack-mount;1RU, 1:2 SC/UPC,thickness is 1.5mm,	50	nos
4	FA00984	Pole mounted fiber terminal box with 1:4 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	295	nos
5	FA00985	Wall mounted fiber terminal box with 1:4 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	296	nos
6	FA01140	Fiber Optic Splitter Panel, 19" Rack-mount;1RU, 1:4 SC/UPC,thickness is 1.5mm,	72	nos
7	FA00986	Pole mounted fiber terminal box with 1:8 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	470	nos
8	FA00987	Wall mounted fiber terminal box with 1:8 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	341	nos
9	FA01141	Fiber Optic Splitter Panel, 19" Rack-mount;1RU, 1:8 SC/UPC,thickness is 1.5mm,	65	nos
10	FA00988	Pole mounted fiber terminal box with 1:16 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	210	nos
11	FA00991	Wall mounted fiber terminal box with 1:16 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	141	nos
12	FA01180	Fiber Optic Splitter Panel, 19" Rack-mount;1RU, 1:16 SC/UPC,thickness is 1.5mm,	62	nos
13	FA01138	Pole mounted fiber terminal box with 1:32 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	100	nos
14	FA00992	Wall mounted fiber terminal box with 1:32 SC/UPC G657A1 PLC splitter and SC/UPC simplex adapters	62	nos

15	FA01181	Fiber Optic Splitter Panel, 19" Rack-mount;1RU, 1:32 SC/UPC,thickness is 1.5mm,	50	nos
16	FA01168	128C SMC FODP Out door standard Ground Mount Cabinet with 1 no. of 1:16 and 1 no. of 1:8 Insertion Module PLC Splitter	9	nos
17	FA01169	96C SMC FODP Out door standard Ground Mount Cabinet with 1 no. of 1:16 and 1 no. of 1:8 Insertion Module PLC Splitter	32	nos
18	FA01170	48C SMC FODP Out door standard Ground Mount Cabinet with 1 no. of 1:16 and 1 no. of 1:8 Insertion Module PLC Splitter	44	nos
		Total (D)		
	<b>5</b>	<b>**Anti Rodent out door Patch cord cable**</b>		
1	FA01182	1C simplex armoured Anti rodent outdoor patchcord SC/UPC/SC/APC 30M, with steel self-support(3mm-4mm)	180	nos
2	FA01012	1C simplex armoured Anti rodent outdoor patchcord SC/UPC/SC/APC 60M, with steel self-support(3mm-4mm)	4095	nos
3	FA01015	1C simplex armoured Anti rodent outdoor patchcord SC/UPC/SC/APC 80M, with steel self-support(3mm-4mm)	3320	nos
4	FA01011	1C simplex armoured Anti rodent outdoor patchcord SC/UPC/APC 100M, with steel self-support(3mm-4mm)	3497	nos
		Total (E)		
	<b>6</b>	<b>**Attenuator**</b>		
1	FA00743	LC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female 2dB	50	no
2	FA00744	LC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female 3dB	50	no
3	FA00745	LC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female 5dB	50	no
4	FA00747	LC/UPC Singlemode Fixed Fiber Optic Attenuator, Male-Female 10dB	50	no
		Total (F)		
	<b>7</b>	<b>*Optical Patch cord**</b>		
1	FA01143	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 1mtrs with Low Smoke Zero Halogen	531	nos
2	FA01183	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 2mtrs with Low Smoke Zero Halogen	531	nos
3	FA01184	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 3mtrs with Low Smoke Zero Halogen	331	nos
4	FA00204	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 5mtrs with Low Smoke Zero Halogen	661	nos
5	FA00189	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 10mtrs with Low Smoke Zero Halogen	1433	nos
6	FA00530	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 15mtrs with Low Smoke Zero Halogen	490	nos
7	FA01144	Simplex- SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 20mtrs with Low Smoke Zero Halogen	731	nos
8	FA00193	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 0.5mtrs with Low Smoke Zero Halogen	885	nos
9	FA01143	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 1mtrs with Low Smoke Zero Halogen	894	nos
10	FA01185	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 2mtrs with Low Smoke Zero Halogen	318	nos
11	FA00421	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 3mtrs with Low Smoke Zero Halogen	714	nos
12	FA00207	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 5mtrs with Low Smoke Zero Halogen	1084	nos
13	FA00199	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 10mtrs with Low Smoke Zero Halogen	1104	nos
14	FA00203	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 15mtrs with Low Smoke Zero Halogen	350	nos
15	FA00192	Simplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 20mtrs with Low Smoke Zero Halogen	570	nos
16	FA00533	Simplex- LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 5mtrs with Low Smoke Zero Halogen	250	nos
17	FA01186	Simplex- LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 6mtrs with Low Smoke Zero Halogen	125	nos
18	FA01187	Simplex- LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 10mtrs with Low Smoke Zero Halogen	325	nos
19	FA00200	Simplex- LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 20mtrs with Low Smoke Zero Halogen	250	nos



20	FA00216	Duplex - SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 1mtrs with Low Smoke Zero Halogen	155	nos
21	FA00222	Duplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 2mtrs with Low Smoke Zero Halogen	150	nos
22	FA00221	Duplex- SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 3mtrs with Low Smoke Zero Halogen	195	nos
23	FA00223	Duplex - SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 5mtrs with Low Smoke Zero Halogen	330	nos
24	FA00219	Duplex - SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm,3.0mm ø , 10mtrs with Low Smoke Zero Halogen	285	nos
25	FA01145	Duplex - SC/UPC-SC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,15mtrs with Low Smoke Zero Halogen	240	nos
26	FA01146	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,1mtrs with Low Smoke Zero Halogen	294	nos
27	FA01147	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,2mtrs with Low Smoke Zero Halogen	284	nos
28	FA01188	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,3mtrs with Low Smoke Zero Halogen	199	nos
29	FA01189	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,5mtrs with Low Smoke Zero Halogen	639	nos
30	FA01190	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,10mtrs with Low Smoke Zero Halogen	630	nos
31	FA01009	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,15mtrs with Low Smoke Zero Halogen	640	nos
32	FA01191	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,20mtrs with Low Smoke Zero Halogen	559	nos
33	FA01153	Duplex - SC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,30mtrs with Low Smoke Zero Halogen	50	nos
34	FA01148	Duplex - SC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 3mtrs with Low Smoke Zero Halogenø,	130	nos
35	FA00229	Duplex - SC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 10 mtrs with Low Smoke Zero Halogenø,	130	nos
36	FA01152	Duplex - SC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,15mtrs with Low Smoke Zero Halogen	240	nos
37	FA01149	Duplex - FC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 5mtrs with Low Smoke Zero Halogenø,	130	nos
38	FA01150	Duplex - FC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,10mtrs with Low Smoke Zero Halogen	130	nos
39	FA01151	Duplex - FC/UPC-FC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,15mtrs with Low Smoke Zero Halogen	240	nos
40	FA00972	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 1mtrs with Low Smoke Zero Halogenø,	250	nos
41	FA00226	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 3mtrs with Low Smoke Zero Halogenø,	259	nos
42	FA00225	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 5mtrs with Low Smoke Zero Halogenø,	680	nos
43	FA00228	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 10mtrs with Low Smoke Zero Halogenø,	680	nos
44	FA01154	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm ø,15mtrs with Low Smoke Zero Halogen	340	nos
45	FA00973	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 20mtrs with Low Smoke Zero Halogenø,	350	nos
46	FA01155	Duplex - LC/UPC-LC/UPC (SM), Fiber type OS2 9/125µm, 3.0mm 30mtrs with Low Smoke Zero Halogenø,	50	nos
47	FA00208	Pigtail Simplex - SC/UPC (SM), Fiber type OS2 9/125µm, 0.9mm ø,1.5mtrs with Low Smoke Zero Halogen	3257	nos
48	FA00214	Pigtail Simplex - SC/UPC (SM), Fiber type OS2 9/125µm, 0.9mm ø,5mtrs with Low Smoke Zero Halogen	250	nos
49	FA01156	Pigtail Simplex - SC/UPC (SM), Fiber type OS2 9/125µm, 0.9mm ø,10mtrs with Low Smoke Zero Halogen	500	nos
50	FA01157	Pigtail Simplex - SC/UPC (SM), Fiber type OS2 9/125µm, 0.9mm ø,20mtrs with Low Smoke Zero Halogen	250	nos
51	FA01158	Armoured FO anti-rodent Patchcord SC/UPC-SC/UPC-SM-DX-2.0-1M-LSZH (Duplex). 3mm-4mm	857	nos

52	FA00547	Armoured FO anti-rodent Patchcord SC/UPC-SC/UPC-SM-DX-2.0-5M-LSZH (Duplex). 3mm-4mm	250	nos
53	FA00548	Armoured FO anti-rodent Patchcord SC/UPC-SC/UPC-SM-DX-2.0-10M-LSZH (Duplex). 3mm-4mm	500	nos
54	FA00549	Armoured FO anti-rodent Patchcord SC/UPC-SC/UPC-SM-DX-2.0-30M-LSZH (Duplex). 3mm-4mm	1000	nos
55	FA01192	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-3M-LSZH (Duplex). 3mm-4mm	40	nos
56	FA01193	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-5M-LSZH (Duplex). 3mm-4mm	40	nos
57	FA01194	Armoured FO anti-rodent Patchcord SC/UPC-FC/UPC-SM-DX-2.0-10M-LSZH (Duplex). 3mm-4mm	40	nos
58	FA01195	Armoured FO anti-rodent Patchcord FC/UPC-FC/UPC-SM-DX-2.0-3M-LSZH (Duplex). 3mm-4mm	40	nos
59	FA01196	Armoured FO anti-rodent Patchcord FC/UPC-FC/UPC-SM-DX-2.0-5M-LSZH (Duplex). 3mm-4mm	40	nos
60	FA01197	Armoured FO anti-rodent Patchcord FC/UPC-FC/UPC-SM-DX-2.0-10M-LSZH (Duplex). 3mm-4mm	40	nos
61	FA00540	Fiber Joint Sleeve 60mm ( 100 peice per packet)	316	Pkts
62	FA00541	Fiber Joint sleeve 40mm ( 100 peice per packet)	187	Pkts

The fiber accessories should be as per the drawing shared and sample needs to be submitted within one week after bidding opening.