

**Replies to Bidder's Queries (Batch-7)**  
**Tender ID: USF/SP/OPTICFIBER/2021-22**

**21-Dec-21**

S. No.	Queries	Document Ref:	USF Response
1	Is there any limitation for 50G backhaul connectivity for unserved Town/UC in USF-Lot-13?	Schedule A (Part-I) of SSA	As per Clause 1(e) of Schedule A (Part-I) of SSA, all nodes for LOT13 shall have a minimum backhaul of 10G.
2	Can SP design USF-Lot-13 with new IP routers on all unserved (13) sites and uplink all of them using underlay transmission network ?	Schedule A (Part-I) of SSA	As per Clause 1(c) of Schedule A (Part-I) of SSA, the network nodes proposed for unserved Towns/UC must support Carrier Grade IP network with features as defined in Schedule-A Part-II of SSA. Uplink/backhaul using any underlying network is as per Service Provider's own design but with due consideration of the capacity that is to be carried.
3	Please confirm the mentioned limit (i.e. PKR 15,000/KM) is on per year basis or per month basis as if it is per year basis then it is very aggressive and it should be as per recent market prices to make business case viable for the service providers . Please also confirm the mentioned rates are for single OFC core or for OFC pair.	RFA	The mentioned limit is on yearly basis and for a pair of OFC (for IRU and Dark Fiber). Compliance to Section 19 "Regulation of USF Service Charges" of RFA is required.
4	Please confirm the mentioned limit (i.e. PKR 2,700/Mbps) is on per year basis or per month basis as if it is per year basis then it is very aggressive and it should be as per recent market prices to make business case viable for the service providers .	RFA	The mentioned limit is on yearly basis. Compliance to Section 19 "Regulation of USF Service Charges" of RFA is required.
5	Please confirm the mentioned limit (i.e. PKR 10,000/KM) is on per year basis or per month basis as if it is per year basis then it is very aggressive and it should be as per recent market prices to make business case viable for the service providers. Please also confirm the mentioned rates are for single OFC core or for OFC pair.	RFA	The mentioned limit is on yearly basis and for a pair of OFC (for IRU and Dark Fiber). Compliance to Section 19 "Regulation of USF Service Charges" of RFA is required.
6	Please also share what is the difference between IRU based fiber and dark fiber	RFA	IRU is Indefeasible Right of Use, usually used by cellular service provider for backhaul for a given term. Dark fiber is similar service without a guarantee. There is also difference in SLA and maintenance cost charges. For details please refer to industry standard contracts.
7	"For any other services the tariff shall not exceed 25% of the wholesale tariff of equivalent services in metropolitan areas that will be taken as a benchmark and shall be defined by USF." The mentioned limit for other services is very strict. It should be as per the best market practice to make business case viable for the service providers.	RFA	Compliance to Section 19 "Regulation of USF Service Charges" of RFA is required.
8	Is there any percentage allowed for aerial connectivity where buried solution is not possible?	Schedule A (Part-I) of SSA	Please refer to Section B(1) of Schedule-A (Part-II) of SSA.
9	Please confirm do SP need to provide fiber optic access network at each unserved node.	Schedule A (Part-I) of SSA	All nodes must be capable of providing optical access services such as Passive Optical Network etc. (please refer section 1(g) of Schedule A (Part-I). Provision of optic fiber access network (cable laying, passive optical network elements, end user terminal equipment etc.) is SPs own choice.
10	Please confirm the available service provider at the mentioned served nodes of Gwadar lot.	Schedule C of SSA	The SP is mentioned in the provided KMZ.
11	Please share technical details of BTS connectivity such as Number of cores Required Bandwidth Required hardware Required interface type Please also share GPS coordinates of BTS located in the vicinity of shared nodes in the lot area.	Schedule C of SSA	The SP may choose suitable OFC, laying type, bandwidth, interfaces etc. so as to achieve compatibility, reliability as required by the industry and based on standard IRU/Dark Fiber/Bandwidth Model with industry standard SLA.

**Replies to Bidder's Queries (Batch-7)**  
**Tender ID: USF/SP/OPTICFIBER/2021-22**

**21-Dec-21**

<b>S. No.</b>	<b>Queries</b>	<b>Document Ref:</b>	<b>USF Response</b>
12	Will USF provide the backhauling services for Gwadar lot.	Schedule C of SSA	The SP has to arrange the same via its own network or through third party LDI operator.
13	Since Gwadar lot involves four different cities i.e. Jiwani, Gwadar, Ormara and Pasni so is there any existing long haul available connecting these cities. If yes then please share route.	Schedule C of SSA	Please refer to the provided KMZ that have information of the served nodes and SPs.
14	Please confirm if bidder have to lay the long haul between the mentioned cities (Jiwani, Gwadar, Ormara and Pasni) then can the bidder claim its subsidy in this project.	Schedule C of SSA	Subsidy shall be paid for the USF defined optical links (lengths) and nodes only, as provided in Schedule-C of SSA.
15	Please confirm the applicable tax on the mentioned invoice (subsidy to be provided by USF).	Schedule D of SSA	Please refer to USF Response to Query 29 of Replies to Bidder's Queries-Batch-4.
16	The project deployment timeline is very strict. The total fiber work of USF OFC route is 314 KM + BTS connectivity. Please extend the project timeline by at least 24 months.	Schedule D of SSA	Compliance is mandatory.
17	Please explain the mentioned (OPEX Calculation for OFC Network) OPEX distribution mechanism.	Schedule D of SSA	Please refer to USF Response to Query 27 of Replies to Bidder's Queries-Batch-4.