

SCHEDULE B

1. Traffic Matrix (Bandwidth Capacities) for various Fiber Optic Links

The USF Service Provider shall provide the following minimum bandwidth capacities or equivalent in various Fibre Optic links proposed for connectivity to unserved Tehsil HQs in USF defined areas mentioned in schedule C and as per specifications mentioned in Schedule A and Annexure 5 to RFA.

The system capacities have been proposed based on the following points.

1. Population of Tehsil HQ
2. Fiber Optic Capacity at nearest point of connectivity
3. Diversity
4. Strategic importance
5. Nearest point of Fiber Optic connectivity as traffic Hub or District HQ

The Applicants shall make their own analysis and surveys further for meeting the minimum defined requirements .In case the capacities fall short of the requirements, the USF service provider shall upgrade the Fiber Optic systems pro- actively in minimum possible time , but not later than three months period to meet the requirements.

1) Surab – Gidder – Besima – Nag – Panjgoor Fiber Optic Link

Name of Station	Surab			Besima			Panjgoor			Gidder			Nag		
	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)
Surab	-	-	-			1				1					
Besima			1	-	-	-								1	
Panjgoor							-	-	-					1	
Gidder	1									-	-	-			
Nag					1			1					-	-	-

2) Besima – Saleemabad Grog – Kharan Fiber Optic Link

Name of Station	Besima			Saleemabad Grog			Kharan		
	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)
Besima	-	-	-	1				1	
Saleemabad Grog				-	-	-	1		
Kharan		1		1			-	-	-

3) Surab – Dogan – Zehri Fiber Optic Link

Name of Station	Surab			Dogan			Zehri		
	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)
Surab	-	-	-					1	
Dogan				-	-	-	1		
Zehri		1		1			-	-	-

4) Khuzdar – Nal Fiber Optic Link

Name of Station	Khuzdar			Nal		
	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)
Khuzdar	-	-	-		1	
Nal		1		-	-	-

5) Bahawalnagar – Minchinabad Fiber Optic Link

Name of Station	Bahawalnagar			Minchinabad		
	STM-1(O)	STM-4 (O)	STM-16 (O)	STM-1(O)	STM-4 (O)	STM-16 (O)
Bahawalnagar	-	-	-		1	
Minchinabad		1		-	-	-

6) Choubara – Layyah Chowk Azam Fiber Optic Link

Name of Station	Choubara			Layyah Chowk Azam		
	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)
Choubara	-	-	-		1	
Layyah Chowk Azam		1		-	-	-

7) Quidabad – Addhi Surgal – Aadhi Kot – Rangpur Bakhor – Noorpur Fiber Optic Link

Name of Station	Quidabad			Addhi Surgal			Aadhi Kot			Rangpur Bakhor			Noorpur		
	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)
Quidabad	-	-	-	1			1			1				1	
Addhi Surgal	1			-	-	-									
Aadhi Kot	1						-	-	-						
Rangpur Bakhor	1									-	-	-			
Noorpur		1											-	-	-

8) Panjgoor – Hoshab– Awaran Optic Link

Name of Station	Panjgoor			Hoshab			Awaran		
	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)
Panjgoor	-	-	-		1				
Hoshab		1		-	-	-		1	
Awaran	-	-	-		1		-	-	-

9) Besima – Nal Fiber Optic Link

Name of Station	Besima			Nal		
	STM-1(O)	STM-4(O)	STM-16(O)	STM-1(O)	STM-4(O)	STM-16(O)
Besima	-	-	-		1	
Nal		1		-	-	-

2. Service Availability

- (a) The bandwidth capacities shall become available in the relevant Tehsil Headquarter of the USF Areas in accordance with the USF Project Implementation Milestones identified in Schedule D and the requirements of this Schedule B.
- (b) The Service Provider shall ensure that the interfaces (bandwidth capacities) are maintained and continued, and meet applicable service standards and quality of service requirements, throughout the term of the SSA.
- (c) The availability of the bandwidth capacities shall be effectively advertised to other telecom operators in the relevant USF Areas, and the USF Service Provider shall publish its service plans and tariffs.
- (d) Retail or wholesale contracts for the bandwidth capacities shall be of a standard form and, if required, approved by the PTA.