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 Fiber 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 Data.

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) Traffic Matrix for Badin - Tando Bago – Jhudo Fiber Optic Link

Name of Station	Badin			Tando Bago			Jhudo		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Badin	-	-	-	126	2	2	126	2	2
Tando Bago	126	2	2	-	-	-	63	1	1
Jhudo	126	2	2	63	1	1	-	-	-

2) Dadu – Johi Fibre Optic Link

Name of Station	Dadu			Johi		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Dadu	-	-	-	252	2	2
Johi	252	2	2	-	-	-

3) Nooriabad – Thana Bula Khan Fibre Optic Link

Name of Station	Nooriabad			Thana Bula Khan		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Nooriabad	-	-	-	126	2	-
Thana Bula Khan	126	2	-	-	-	-

4) Setharja – Sui Chowk – Mirwah Tharri Fibre Optic Link

Name of Station	Setharja			Sui Chowk			Mirwah Tharri		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Setharja	-	-	-	63	1	-	63	1	-
Sui Chowk	63	1	-	-	-	-	63		-
Mirwah Tharri	63	1		63	-	-	-	-	-

5) Kotdigi – Nara Chundko Fiber Optic Link

Name of Station	Kotdigi			Nara		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Kotdigi	-	-	-	126	2	-
Nara	126	2	-	-	-	-

6) Ranipur- Sobhodero Fibre Optic Link

Name of Station	Ranipur			Sobhodero		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Ranipur	-	-	-	126	2	-
Sobhodero	126	2		-	-	-

7) Nawab Wali Muhammad– Daulatpur Fibre Optic link

Name of Station	Nawab W. Muhammad			Daulatpur		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Nawab W. Muhammad	-	-	-	252	2	2
Daulatpur	252	2	2	-	-	-

8) Tando Adam – Berani – Jam Nawaz Ali Fiber Optic link

Name of Station	Tando Adam			Berani			Jam Nawaz Ali		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Tando Adam	-	-	-	63	1	-	63	1	-
Berani	63	1	-	-	-	-	63		-
Jam Nawaz Ali	63	1		63	-	-	-	-	-

9) Umar kot - Chachro – Islamkot Fibre Optic link

Name of Station	Umar Kot			Chachro			Islamkot		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Umar Kot	-	-	-	252	2	2	126	2	2
Chachro	252	2	2	-	-	-	63	1	1
Islamkot	126	2	2	63	1	1	-	-	-

10) Islamkot – Nagar Parkar Fiber Optic link

Name of Station	Islamkot			Nagar Parkar		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Islamkot	-	-	-	252	2	2
Nagar Parkar	252	2	2	-	-	-

11) Garho – Ghora Bari Fibre Optic Link

Name of Station	Garho			Ghora Bari		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Garho	-	-	-	126	2	-
Ghora Bari	126	2	-	-	-	-

12) Sujawal – Jati Fibre Optic Link

Name of Station	Sujawal			Jati		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Sujawal	-	-	-	126	2	-
Jati	126	2	-	-	-	-

13) Mirpur Sakro – Garho – Keti Bandar Fibre Optic Link

Name of Station	Mirpur Sakro			Garho			Keti Bandar		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Mirpur Sakro	-	-	-	63	1	-	63	1	-
Garho	63	1	-	-	-	-	63		-
Keti Bandar	63	1		63	-	-	-	-	-

14) GARHO –KHARO CHAN (Not feasible being Island and will not be dealt here)

15) Sujawal – Chuhar Jamali – Shah Bandar Fiber Optic Link

Name of Station	Sujawal			Chuhar Jamali			Shah Bandar		
	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)	E-1s	FE	STM1 (O)
Sujawal	-	-	-	63	1	-	63	1	-
Chuhar Jamali	63	1	-	-	-	-	63		-
Shah Bandar	63	1		63	-	-	-	-	-

16) Kandh Kot - Tangwani Fibre Optic Link

Name of Station	Kandh Kot			Tangwani		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Kandh Kot	-	-	-	252	2	2
Tangwani	252	2	2	-	-	-

17) Shikarpur – Khanpur Fibre Optic link

Name of Station	Shikarpur			Khanpur		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Shikarpur	-	-	-	252	2	2
Khanpur	252	2	2	-	-	-

18) Rohri – Salehpat Fibre Optic Link

Name of Station	Rohri			Saleh Pat		
	E-1s	FE	STM-1(O)	E-1s	FE	STM-1 (O)
Rohri	-	-	-	126	2	-
Saleh Pat	126	2	-	-	-	-

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.