

SCHEDULE OF REQUIREMENTS (SOR)

Sr. No.	State/Union Territory Name	Branch Joint Closures	Straight Joint Closures	Splitters			Termination Box (24F)	FDMS (24F)	Patch Cords 5m with SC-APC connector
				1:2	1:4	1:8			
PACKAGE-A NORTH WESTERN INDIA									
1	JAMMU AND KASHMIR	1751	1731	663	663	332	3483	226	14594
2	HIMACHAL PRADESH	1369	1353	519	519	259	2722	176	11408
3	HARYANA	2652	2622	1005	1005	502	5274	342	22102
4	PUNJAB	5407	5345	2048	2048	1024	10752	696	45056
5	CHANDIGARH	7	7	3	3	1	14	1	60
6	RAJASTHAN	3886	3842	1472	1472	736	7728	500	32384
7	UTTARAKHAND	3191	3155	1209	1209	604	6346	411	26594
TOTAL PACKAGE WISE		18263	18055	6919	6919	3458	36319	2352	152198
PACKAGE-B NORTHERN INDIA									
1	UTTAR PRADESH	18831	18617	7133	7133	3567	37449	2425	156929
TOTAL PACKAGE WISE		18831	18617	7133	7133	3567	37449	2425	156929
PACKAGE-C CENTRAL INDIA									
1	CHHATTISGARH	4241	4193	1607	1607	803	8434	546	35344
2	Remaining districts of eastern U.P.	3131	3095	1186	1186	593	6226	403	26090
3	MADHYA PRADESH	9727	9616	3684	3684	1842	19344	1253	81059
TOTAL PACKAGE WISE		17099	16904	6477	6477	3238	34004	2202	142493
PACKAGE-D WESTERN INDIA									
1	MAHARASHTRA	11815	11681	4475	4475	2238	23496	1522	98458
2	GUJARAT	5973	5905	2263	2263	1131	11878	769	49776
3	DADRA & NAGAR HAVELI	4	4	2	2	1	8	1	35
4	DAMAN & DIU	6	6	2	2	1	12	1	49
TOTAL PACKAGE WISE		17798	17596	6742	6742	3371	35394	2293	148318
PACKAGE-E SOUTHERN INDIA									
1	ANDHRA PRADESH	9230	9125	3496	3496	1748	18356	1189	76919
2	TAMIL NADU	5329	5269	2019	2019	1009	10598	686	44412
3	KERALA	413	408	156	156	78	821	53	3439
4	KARNATAKA	2379	2352	901	901	450	4730	306	19821
5	PUDUCHERRY	41	41	16	16	8	82	5	345
6	LAKSHADWEEP	4	4	2	2	1	8	1	35
TOTAL PACKAGE WISE		17396	17199	6590	6590	3294	34595	2240	144971

PACKAGE-F EAST & NORTH EAST INDIA

1	ASSAM	931	921	353	353	176	1852	120	7762
2	SIKKIM	69	68	26	26	13	137	9	574
3	ARUNACHAL PRADESH	742	733	281	281	140	1475	96	6181
4	MANIPUR	1272	1257	482	482	241	2529	164	10599
5	MEGHALAYA	618	611	234	234	117	1229	80	5150
6	MIZORAM	328	324	124	124	62	652	42	2732
7	NAGALAND	474	469	180	180	90	943	61	3953
8	TRIPURA	438	433	166	166	83	872	56	3654
9	BIHAR	3579	3539	1356	1356	678	7118	461	29828
10	JHARKHAND	1886	1864	714	714	357	3750	243	15713
11	WEST BENGAL	1416	1400	536	536	268	2816	182	11799
12	ANDAMAN & NICOBAR	28	28	11	11	5	56	4	236
13	ODISHA	2633	2603	997	997	499	5237	339	21944
TOTAL PACKAGE WISE		14414	14250	5460	5460	2729	28666	1857	120125
GRAND TOTAL ALL PACKAGES		103801	102621	39321	39321	19657	206427	13369	865034

Technical Specifications of Accessories

Sl. No	Item	TEC GR No.
A. Optical Fibre Cable		
1	Metal-Free Optical Fibre Cable 24 Fibre (G.652D Fibre) with suitable sheath and glass roving	As per technical specifications mentioned in subsequent clauses
B. Accessories		
1.	24F Splice Closure (buried type) for making Straight Joints and Branch Joints for branching 6F/12F/48F cables with provision for mounting splitters.	TEC GR No. TEC/GR/TX/OJC-002/03/APR-2010 with latest amendment, if any. <u>It should have the IP rating 68.</u> The closure should have the provision for splicing of fibers of 12/24/48F cables to pig tails of the splitters (for branch joints closures with splitters) and to individual fiber of loose tube type cables (for FDMS without splitters). It should have the provision for oval shape entry port for entry of loop of 12F/24F/48F cable and adequate number of circular entry ports so that minimum 2-3 cables of size 12F can be accommodated.
2.	Splitters	
2.1	Splitters 1:8 with pig tails/ mountable inside the FTB/FDMS with Patch Cords each 1 meter.	The Splitters shall meet the characteristics as per TEC GR No- GR/TX/OPT/001/ 01 APRIL 2012. All the fibers used inside the splitters shall be compliant to TEC GR for G.652D/G.657A OF Cable. The splitters shall be mountable in the splice closure in the splice tray.
2.2	Splitters 1:4 with pig tails/ mountable inside the FTB/FDMS with Patch Cords each 1 meter.	The Splitters shall meet the characteristics as per TEC GR No- GR/TX/OPT/001/ 01 APRIL 2012. All the fibers used inside the splitters shall be compliant to TEC GR for G.652D/G.657A OF Cable. The splitters shall be mountable in the splice closure in the splice tray.
2.3	Splitters 1:2 with pig tails/ mountable inside the FTB/FDMS with Patch Cords each 1 meter.	The Splitters shall meet the characteristics as per TEC GR No- GR/TX/OPT/001/ 01 APRIL 2012. All the fibers used inside the splitters shall be compliant to TEC GR for G.652D/G.657A OF Cable. The splitters shall be mountable in the splice closure in the splice tray.
3.	Patch Cord 5m length with SC-PC Connector. (BIF G. 657A single fiber cable.)	TEC GR no GR/OFC-19/01 Feb 2009 and SC-PC connector as per TEC GR No TEC/GR/TX/OF J-01/05. Nov 2009
4.	24F FDMS (Indoor) with patch panel, wall mountable	GR No. GR/FDM-01/02 April 2007 TYPR-IIIA with latest amendment if any It should be wall mountable and compact with SC-PC splicing cum patching panel for terminating loose tube type cable.
5.	24F Fiber Termination Box (FTB) with patch having 4 SC-APC connector adapters & wall mountable	TEC GR No. GR/TX/FTB-02/02 APR- 2010 type II with latest amendment, if any. It should have the provision of 4 SC-PC adapters on a patch panel.