

## Annexure-1

a) **Specification of \$550 μm core Glass clad Silica Multimode Optical fiber:**

<b>Sr No.</b>	<b>Parameter</b>	<b>Value</b>
1	Core Diameter	550μm± 19μm
2	Wave length Range	400-2200nm
3	Hydroxyl content	Low-OH
4	Cladding Diameter	600 μm ± 10μm
5	Coating Diameter	630μm ± 10μm
6	Buffer Diameter	1040 ±30μm
7	Buffer	Tefzel
8	Core cladding	Pure Silica/ Fluorine-Doped Silica
9	Coating	TECS <sup>TM</sup> Hard Fluoropolymer
10	Multimode	Step index Multimode Fiber
11	Proof Test	100KPsi
12	Fiber should be jacketed with PTF sleeve	

**Note:** Test certificate should be provided for low insertion loss and transmission efficiency in each patch cable.