

### Equipment Requirements: (QP Wise)

	Name of the Trade	QP Title	Name of the Equipment
1	Customer Service	Customer Care Executive(Call Center)	<ul style="list-style-type: none"> <li>• CRM, Computer setup with basis MS office</li> </ul>
2	Customer Service	Customer Care Executive (Relationship Centre)	<ul style="list-style-type: none"> <li>• CRM, Computer setup with basic MS Office</li> </ul>
3	Customer Service	Customer Care Executive (Repair Centre)	<ul style="list-style-type: none"> <li>• CRM, Computer setup with basic MS Office</li> </ul>
4	Customer Service	Handset Repair Engineer(Level II)	<ul style="list-style-type: none"> <li>• Test Bench, test equipment (multimeters, frequency generators etc); Setup for end-to-end diagnostics and repair, software jigs;</li> </ul>
5	Operation & Maintenance	Tower Technician	<ul style="list-style-type: none"> <li>• D G Set, Air Conditioner, Power Interface Unit (PIU), SMPS, Battery bank</li> </ul>
6	Network Operations & Maintenance- Optical	Optical Fibre Technician	<ul style="list-style-type: none"> <li>• Optical Splicing Equipment</li> <li>• <b>Optical test equipment</b> like OTDR, light meter &amp; power meter;</li> </ul>
7	Network Operations & Maintenance- Optical	Optical Fibre Splicer	<ul style="list-style-type: none"> <li>• Optical Splicing Equipment</li> <li>• <b>Optical test equipment</b> like OTDR, light meter &amp; power meter;</li> </ul>

8	Network Operations & Maintenance	Field Maintenance Engineer	<ul style="list-style-type: none"> <li>• Protection equipments: anti-static bands, anti-static packaging, appropriate Insulations</li> <li>• DG set, PIU panel, Transformer, SMPS, Air conditioner, Battery bank.</li> <li>• BTS site active equipments: Microwave (TDM and IP based), BTS (Indoor or Outdoor), feeder and Jumper cables (IF, RF cables) and connectors</li> <li>• Login cables (RJ45, RS232, and Hi-Speed USB)</li> <li>• E1 tester, Ethernet tester, VSWR meter, RF power meter, Optical meter</li> <li>• BTS O&amp;M software tools (e.g. NMS Tool )</li> <li>• Laptop with installed network manager software</li> <li>• Safety Kit, fire safety equipments</li> <li>• Mux and patch chord</li> </ul>
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9	Network Operations & Maintenance	Core Engineer	<ul style="list-style-type: none"><li>• Protection equipments (anti-static bands, anti-static packaging, appropriate insulations)</li><li>• Login cables (RJ45, RS232, Hi-speed USB)</li> <li>• Equipment specific software like network manager, Citrix, traffic manager need to be installed in the laptop device.</li><li>• SMPS, Diesel generators, SMPS, Air conditioner, Battery bank</li><li>• Test equipments-E1 tester, Ethernet tester, VSWR meter, Optical meter</li><li>• network manager, transmission manager softwares</li><li>• UNIX, LINUX and SOLARIS operating systems</li><li>• safety kit, fire safety equipments</li></ul>
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10	Operations and Maintenance- Passive infrastructure	Infrastructure Engineer	<ul style="list-style-type: none"><li>• DG set, PIU panel, Transformer, SMPS, Air Conditioner, Battery bank.</li><li>• Pliers, power drill, screwdrivers, spanner, sockets</li><li>• connectors, cable ties, cable trays for effective and safe wiring</li><li>• Personal protection equipments like harness, waist belt, helmet, insulation gloves</li><li>• Safety kit, fire safety equipments.</li><li>• connectors, cable ties, cable trays</li><li>• BTS Rack (Indoor or Outdoor)</li><li>• Feeder and Jumper Cable</li></ul>
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11	Network Operations & Maintenance	BSS Support Engineer	<ul style="list-style-type: none"><li>• login cables (RJ45, RS232, Hi-speed USB)</li><li>• equipment specific software like network manager need to be installed in the laptop device</li> <li>• Personal protection equipments like anti-static bands, harness, belts and helmets.</li><li>• BSC and BTS site equipments like BSC node, Indoor and Outdoor BTS, feeder and Jumper cables (IF, RF cables), Microwaves (TDM and IP based), Optical fiber</li><li>• DG set, PIU panel, Transformer, SMPS, Air Conditioner, Battery bank</li><li>• Test equipment like E1 tester, Ethernet tester, VSWR meter</li><li>• BTS O&amp;M software tools like Microwave Link</li><li>• Safety kit, fire safety equipments</li><li>• Core equipment's.</li><li>• Mux and Patch Chord</li></ul>
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12	Network Operations & Maintenance	Transmission Engineer	<ul style="list-style-type: none"> <li>• Transmission equipments : Microwave (TDM and IP based) radio, multiplexers, antennas</li> <li>• Transmission media test equipment :Optical light meter, power meter, Optical Time Domain Reflectometer – OTDR</li> <li>• O&amp;M softwares : MiniLink for Ericsson, NEC Passo</li> <li>• Cables (RJ45, RS232, and Hi-Speed USB)</li> <li>• Optical test equipments : OTDR, power meter, light meter</li> <li>• Mux and Patch Chord</li> </ul>
13	Operation & Maintenance	ICT Engineer	<ul style="list-style-type: none"> <li>• Cables:RJ45, RS232, Hi-speed USB, console cable</li> <li>• Protection equipments :anti-static bands, anti-static packaging, appropriate insulations</li> <li>• Network Management tool or software</li> <li>• ICT nodes login applications like Secure CRT, Hyper terminal</li> </ul>
14	Operation & Maintenance	ICT Technician	<ul style="list-style-type: none"> <li>• ICT nodes login applications : Secure CRT, Hyper terminal</li> <li>• ICT equipment: Router, Transmission equipment, BTS</li> <li>• Cables:RJ45, RS232, Hi Speed USB</li> </ul>
15	Network Operations & Maintenance	Product Specialist Engineer	<ul style="list-style-type: none"> <li>• NA</li> </ul>

16	Project Engineering	Network Management Engineer	<ul style="list-style-type: none"> <li>• Test equipment: line tester, Ethernet tester, VSWR meter, RF power meter, Optical meter</li> <li>• Cables:RJ45, RS232 and Hi –Speed USB</li> <li>• Ethernet test equipment</li> <li>• Configuration at server and client side.</li> </ul>
17	Project Engineering	Installation Engineer-L2 & L3	<ul style="list-style-type: none"> <li>• Router configuration</li> <li>• IP Routing protocol i.e. RIP,OSPF, IGRP</li> <li>• Protection equipment: anti-static bands, anti-static packaging, appropriate insulations.</li> </ul>
18	Project Engineering	Installation Engineer-SDH & DWDM	<p>Various type of MUX i.e. PDH and SDH</p> <ul style="list-style-type: none"> <li>• Health and Safety :anti-static bands, anti-static packaging, appropriate insulations</li> <li>• cable connectors, cable ties and cable tray</li> <li>• PDH and SDH test sets</li> <li>• Login cables :RJ45, RS232 and Hi –Speed USB</li> </ul>
19	Operation & Maintenance	Grass Root Telecom Provider(GRTP)	<ul style="list-style-type: none"> <li>• CCU, SPV, TJB, battery bank and fire extinguisher</li> <li>• Cable Connectors</li> <li>• Modem</li> <li>• Routers</li> <li>• UPS cables</li> <li>• Laptop, smart phones, tablets and e-terminals.</li> </ul>

20	Operation & Maintenance	Cluster Manager	<ul style="list-style-type: none"> <li>• AC, DG, PIU, SMPS and battery bank</li> <li>• Intranet tools</li> </ul>
21	Operation & Maintenance	Cluster In Charge	<ul style="list-style-type: none"> <li>• AC, DG, PIU, SMPS and battery bank equipment</li> </ul>
22	Operation & Maintenance	R F Site Surveyor	<ul style="list-style-type: none"> <li>• Tools: GPS, Camera, Binoculars, Compass, laptop, Map info software</li> <li>• Health and safety equipments: helmets, safety boots.</li> </ul>
23	Terminal Equipment Application Developer	Telecom Terminal Equipment Application Developer(Android):	<ul style="list-style-type: none"> <li>• Android Development Tools</li> <li>• Java Development Kit</li> <li>• Emulator</li> <li>• Android Debug Bridge</li> <li>• Android operating system</li> </ul>
24	Terminal Equipment Application Developer	Telecom Terminal Equipment Applications(Native Applications):	<ul style="list-style-type: none"> <li>• Native Application Suite/Tools for Application Development</li> <li>• Emulator</li> <li>• IOS, Android, Blackberry and Windows 8x Operating Systems</li> </ul>
25	Sales & Distribution	Territory Sales Manager(Broadband)	NA
26	Sales & Distribution	Territory Sales Manager(Prepaid)	NA
27	Sales & Distribution	Field Sales Executive	NA
28	Sales & Distribution	Sales Executive (Broadband)	NA
29	Sales	In Store Promoter	NA



30	Sales & Distribution	Distributor Sales Representative	NA
31	Customer Services	Broadband Technician	<ul style="list-style-type: none"> <li>• LAN cables- Co-Axial cable</li> <li>• Crimping tool</li> <li>• RJ-45 Jack</li> <li>• Twisted Pair cable</li> </ul>
32	Broad Bring-up Engineer	Broad Bring-up Engineer	<ul style="list-style-type: none"> <li>• Bread Board for testing and creating connections</li> <li>• PCB Board multiple.</li> <li>• Equipment for connection of a circuit i.e. capacitor, transistor, register, connectors.</li> <li>• Soldering wires and equipments.</li> <li>• Software AutoCAD</li> </ul>
33	E- waste Management	E- waste Collector	NA
34	Network Fault Management	Fault Management Engineer	<ul style="list-style-type: none"> <li>• Dummy equipment BTS, DG, SMPS, IF, Microwave, feeder cable for understanding of fault.</li> </ul>
35	Development, Testing and support	Telecom Embedded Hardware Developer	<ul style="list-style-type: none"> <li>• Bread Board for testing and creating connections</li> <li>• PCB Board multiple.</li> <li>• Equipment for connection of a circuit i.e. capacitor, transistor, register, connectors.</li> <li>• Soldering wires and equipments.</li> <li>• Software AutoCAD</li> </ul>

36	Operator & Maintenance	Tower Bay Installation Supervisor	<ul style="list-style-type: none"><li>• Electrical, Civil &amp; mechanical drawing tool, Software</li><li>• Hardware tools: Pliers, spanner, drill machine</li><li>• AutoCAD software</li><li>• Healthy &amp; safety Equipment (Wrist band, shoes, dress, shock proof, packaging).</li></ul>
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