

Sr. No.	Description
1	Supply, Installation, Testing & commissioning of Full HD Resolution Fixed Box type IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification No RDSO/ SPN/ TC/ 65/ 2021 Version 6.0 or latest. Inspection by- RDSO
2	Supply, Installation, Testing & commissioning of Full HD Resolution PTZ [Pan, Tilt, Zoom] IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification No RDSO/ SPN/ TC/ 65/ 2021 Version 6.0 or latest. Inspection by- RDSO
3	Supply of 64 Channel Network Video Recorder and 64TB storage after RAID 5/6 configuration with HDD [8 nos. of HDD capacity 8TB each], 2 nos. ethernet complete with all other accessories as per RDSO spec. No: RDSO/SPN/TC/65/2021 Ver 6.0. or later. Inspection by- RDSO
4	Installation, Testing, Wiring and Commissioning of 64 Channel Network Video Recorder and 64TB storage after RAID 5/6 configuration. All the accessories and fixing materials required for this installation are to be supplied by contractor within the same cost. Inspection by- Consignee
5	Supply, Installation, Testing & Commissioning of Professional Large Format LED Video Display Unit, 55 [inches] or larger, Full HD 1920 x 1080, Brightness: 350cd/m, contrast ratio 1100:1, HDMI & DVI port, Including wall mount kit as per clause 9,0 of RDSO Specification No RDSO/ SPN/ TC/ 65/ 2021 Version 6.0 or latest. Inspection by- RDSO
6	Supply, Installation, Testing & Commissioning of Core Switch [20x 10 G SFP+ ports and additional minimum 4x10G BASE-T/SFP+ combo ports] as per RDSO Specification No RDSO/ SPN/ TC/ 65/ 2021 Version 6.0 or latest. Inspection by- Consigee
7	Supply, installation, testing, wiring & commissioning of Layer-2 managed Switch [8 Port 10/100 BASE-T and 2 SFP 1G uplink ports] as per RDSO Specification No RDSO/ SPN/ TC/ 65/ 2021 Version 6.0 or latest. Inspection by- Consigee
8	Supply, Installation, testing and commissioning of 8 Port layer-2 smart PoE Switch with 02 Nos. 1 Gigabit ports with SFP module as per RDSO specification no. RDSO/SPN/TC/83/2020, Rev.-2.1 or latest. Inspection by- Consignee
9	Supply, testing and commissioning of 24 port, Gigabit Ethernet switch, Layer-2, along with cable and all accessories as per RDSO specification no. RDSO/SPN/TC/83/2020 Rev.-2.1 or latest. Inspection by- Consignee
10	Supply of SFP-s with specification as follows- Data Rate 1.25 GBPS to 10.31 GBPS, TX/RX wavelength - 1310 nm, Max distance - 20 Km, Connector - LC Duplex, Media Type - Single Mode fiber [SMF], Optical budget - 13db, Compatibility - Multi-vendor MSA Compatible to suit and match Gigabit Ethernet switch. Inspection by- Consigee
11	Supply, installation, testing and commissioning of SFP-s with specification as follows- Data Rate - 1.063 to 1.25 GBPS, TX/RX wavelength - 1310 nm, Max distance - 20 Km, Connector - LC Duplex, Media Type - Single Mode fiber [SMF], Optical budget - 13db, Compatibility - Multi-vendor MSA Compatible to suit and match Gigabit Ethernet switch. Inspection by- Consigee
12	Supply of UTP CAT-6 cable. Cable should be compliant with latest EIA/TIA-568-B. 2-1 standard with fire retardant as per IEC/EN 60332-1. Inspection by- Consigee
13	Supply of Armoured Outdoor CAT-6 cable [305 Mtrs. Roll]. Inspection by- Consigee

Sr. No.	Description
14	Supply of power cable 3 core, 2.5 sq mm, multi strand [36/0.3 mm dia] cable as per IS 694 : 1990 reaffirmed 1995 or latest suitable for Railway electrification area. Inspection by- Consigee
15	Laying of UTP/STP CAT-6 cable/power cable in PVC casing capping of appropriate size. The work also includes supply and fixing of casing and capping, fixing and connection of patch panel, fixing of CAT-6 cable with RJ 45 connectors. Work to be done as per instructions of site incharge. Inspection by- Consigee
16	Supply, installation, testing and commissioning of 2 core screened/ shielded multistrand PVC insulated wire [24/0.2 mm dia] for speaker load line. Inspection by- Consigee
17	Supply of OFC - Armoured 12 F. Inspection by- Consigee
18	Laying of Data cable/ Communication cable/ Power cable etc. in PVC conduit pipe etc. [As per site requirement]. Inspection by- Consigee
19	Supply and fixing of PVC conduit pipe 25 mm with accessories such as bend, tee, coupling, elbow, saddle, clamp, screw, PVC/ wooden plugs etc. on walls, angle or on rail of platform shelter etc. MS clamp made of 3 mm MS flat to be manufactured and supplied and fixed to clamp the PVC pipe or angle/ rail run of platform shelter. The clamp should be painted with red oxide primer over which two coats of aluminium paint to be given. Wherever necessary jumper holes to be made in the wall and above PVC pipe threaded and wall to be repaired to its original condition. Inspection by- Consigee
20	Fiber splicing/termination and testing of spliced joint of all fibers of 12 F O F C Inspection by- Consigee
21	Supply and fixing of 12 port FDMS/ LIU of 12 Fiber [6 X 2 fiber] with connectors. [Pigtails and other miscellaneous materials required for the work shall be supplied by the contractor] of reputed make. Inspection by- Consigee
22	Supply, installation and Fixing of 6F/ 12F LiU [O F C] with SC/ FC/APC Adaptors as per site requirement and necessary testing. Inspection by- Consigee
23	Supply of Two core 2.5 Sq. mm cable for power connection of Outdoor type LED display and necessary switch gears with necessary termination on supply side. Inspection by- Consigee
24	Supply, laying, testing & commissioning of 6F/12F O F C cable [Armoured] with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consigee
25	Supply and laying of 2.5 Sq. mm x 2 core PVC insulated copper conductor FRLS armoured sheathed cable suitable for voltage grade 1100 volts grade, complete with all accessories as required. Inspection by- Consigee
26	Laying of 2.5 Sq. mm x 2 core PVC insulated copper conductor FRLS armoured sheathed cable suitable for voltage grade 1100 volts grade in trench/ pipe/ cable tray etc. complete with all accessories as required. Inspection by- Consigee
27	Supply and fixing of 2.5 Sq. mm x 2 core PVC insulated copper conductor FRLS armoured sheathed cable suitable for voltage grade 1100 volts grade in trench/ pipe/ cable tray etc. complete with all accessories as required. Inspection by- Consigee
28	Supply, laying, testing & commissioning of 3 core, 240 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consigee

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29	Supply, laying, testing & commissioning of 3 core, 185 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
30	Supply, laying, testing & commissioning of 3 core, 120 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
31	Supply, laying, testing & commissioning of 3 core, 95 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
32	Supply, laying, testing & commissioning of 3 core, 70 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
33	Supply, laying, testing & commissioning of 3 core, 50 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
34	Supply, laying, testing & commissioning of 3 core, 35 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
35	Supply, laying, testing & commissioning of 3 core, 25 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
36	Supply, laying, testing & commissioning of 3 core, 16 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
37	Supply, laying, testing & commissioning of 3 core, 10 sq. mm, 1100 volts grade, FRLS armoured sheathed cable, with pipe laying, excavation etc. complete with end termination and necessary testing at site including connecting patch cords. Inspection by- Consignee
38	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 70 sq. mm. Inspection by- Consignee
39	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 50 sq. mm. Inspection by- Consignee
40	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 35 sq. mm. Inspection by- Consignee
41	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 25 sq. mm. Inspection by- Consignee
42	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 16 sq. mm. Inspection by- Consignee
43	Supply of 1100 volts grade FRLS armoured sheathed cable, 3 core x 10 sq. mm. Inspection by- Consignee
44	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 70 sq. mm. Inspection by- Consignee

Sr. No.	Description
45	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 50 sq. mm. Inspection by- Consignee
46	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 35 sq. mm. Inspection by- Consignee
47	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 25 sq. mm. Inspection by- Consignee
48	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 16 sq. mm. Inspection by- Consignee
49	Supply, installation, testing & commissioning of 1100 volts grade FRLS armoured sheathed cable, 3 core x 10 sq. mm. Inspection by- Consignee
50	Laying, testing and commissioning of 2 core 1.5 sq. mm copper conductor PVC insulated PVC sheathed, armoured cable with necessary accessories. Inspection by- Consignee
51	Supply of multi strand copper cable 2.5 sq. mm with PVC insulation and PVC sheathing. Inspection by- Consignee
52	Supply of PVC insulated copper conductor single core cable [Copper conductor diameter- 1.0 mm, Nominal insulation thickness- 0.6 mm, Nominal sheath thickness- 1.4 mm, Overall diameter approximately 3.6 mm] conforming to IS: 694-1990 for voltage grade up to 1100 volts grade. Inspection by- Consignee
53	Supply, laying, testing and commissioning of PVC insulated copper conductor 1.5 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
54	Supply, laying, testing and commissioning of PVC insulated copper conductor 2.5 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
55	Supply, laying, testing and commissioning of PVC insulated copper conductor 4 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
56	Supply, laying, testing and commissioning of PVC insulated copper conductor 6 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
57	Supply, laying, testing and commissioning of PVC insulated copper conductor 10 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
58	Supply, laying, testing and commissioning of PVC insulated copper conductor 16 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
59	Supply, laying, testing and commissioning of PVC insulated copper conductor 25 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee
60	Supply, laying, testing and commissioning of PVC insulated copper conductor 35 Sq. mm FRLS sheathed cable with necessary accessories. Inspection by- Consignee