



कर्मचारी राज्य बीमा निगम
(श्रम एवं रोजगार मंत्रालय,
भारत सरकार)
Employees' State
Insurance Corporation
(Ministry of Labour &
Employment,
Govt. of India)



सूचना एवं संप्रेषण प्रौद्योगिकी प्रभाग
Information and Communication
Technology Division
मुख्यालय/Headquarters,
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Website: <https://esic.gov.in>

No. I-11015/3/2022-ICT

Date: 27-07-2026

To,

1. Zonal Insurance Commissioner(s)/Zonal Medical Commissioner(s)
2. Regional Directors/Directors (I/c)/Joint Directors (I/c) of all ROs/SROs
3. Medical Superintendent(s) of all ESIC Medical Hospitals
4. Dean(s) of all ESIC Medical Colleges and Hospitals
5. Director (Medical), Delhi
6. Director (Medical), Noida
7. Director, National Training Academy (NTA)

Subject: Standard Specifications for LAN Cabling and Associated Networking Components

Reference: Headquarters letter No. E-323/I-11013/4/2021-ICT dated 21.08.2025 regarding the Policy for Procurement of IT Hardware for ESI Locations.

Madam/Sir,

With reference to the Headquarters letter cited above, the **standard Bill of Quantities (BoQ) and minimum technical specifications** for LAN cabling and associated networking components are enclosed as **Annexure-I** for adoption by all ESIC field units while undertaking procurement of structured cabling and related networking infrastructure.

2. All field units shall adhere to the specifications prescribed in Annexure-I while procuring LAN cabling, optical fibre cabling, racks, passive networking components, and other associated items covered therein.

3. Any deviation from the prescribed specifications, if necessitated by site-specific or technical requirements, shall require the prior approval of

the ICT Division, Headquarters. Such proposals shall be accompanied by a detailed technical justification and comparative specifications for examination.

4. Field units where procurement has already been initiated prior to the issuance of this circular may continue with the ongoing procurement process without any modification.

5. All other terms and conditions contained in Headquarters letter No. E-323/I-11013/4/2021-ICT dated 21.08.2025 shall remain unchanged.

This issues with the approval of the Competent Authority.

Yours faithfully,

(Himanshu Antil)
Deputy Director (ICT)

Annexure-I

Standard BoQ for LAN Cabling and Associated Networking Components

Sl. No.	Item Description
1	CAT-6 UTP Cable, @305 m Roll, 100% Bare Copper Conductor
2	24-Port CAT-6 Patch Panel
3	9U, 19-inch Network/Server Rack Enclosure
4	12U, 19-inch Network/Server Rack Enclosure
5	Information Outlet (I/O) comprising Face Plate, Box and CAT-6 Keystone Jack
6	Factory-Terminated CAT-6 Patch Cord - 1 m
7	Factory-Terminated CAT-6 Patch Cord - 2 m
8	Factory-Terminated CAT-6 Patch Cord - 3 m
9	6-Core Single Mode Armoured Optical Fibre Cable (OFC) ncluding ISI-marked PVC Conduit and Accessories- per metre
10	Single Mode OFC Patch Cord - 2 m
11	12-Port Optical Fibre Light Interface Unit (LIU) complete with Couplers
12	Optical Fibre Splicing Charges - per Core
13	Optical Fibre Cable Laying Charges - per metre
14	RJ-45 Connector/Termination including Installation Charges
15	CAT-6 Cable Laying including ISI-marked PVC Conduit and Accessories - per metre
16	Floor Cutting and Restoration/Finishing - per metre
17	Dressing and Cable Management of Rack
18	5-Port Surge-Protected Power Strip/Spike Guard with 4-5 m Copper Power Cord (10 A, 2500 W minimum)

Note: 1. The above items represent the standard BoQ for procurement of structured cabling components across ESIC field units.

2. The detailed minimum technical specifications for each item shall be as prescribed by the ICT Division from time to time and shall form part of the tender documents.

3. Equivalent or higher specifications may be adopted only with the prior approval of the ICT Division, Headquarters.