

Division 27 00 00 Communications

Part 1 – General

The Customer (Owner) requires a robust Open architecture Communications System that provides the highest performance and highest availability at the physical infrastructure layer. Communication systems within The Customer premise shall be capable of supporting low latency, high throughput and error free operation for Data communications system, Voice communications system, Audio-Video communications system, Distributed communications system and Monitoring communications system.

All Drawings, Contract Forms, Conditions of the Contract, including Construction Manager/General Contractor (CM/GC) Agreement including Exhibits, Division 00 Procurement and Contracting Requirements, Division 01 General Requirements also apply to this section.

This document specifies the minimum acceptable performance requirements for the Communications Systems, herein now referred to as “The Work” that will be furnished, installed, validated and turned over for acceptance to The Customer for purchase.

The Customer, exclusively, reserves the right to reject any and all portions of The Work that does not meet or exceed the performance requirements as specified through out this document without any liabilities.

Part 2 – Products

The Customer has evaluated all Communication Systems requirements and determined that the following Leviton systems and their product requirements specified throughout this document will provide the features and functions that are necessary to build the highest performing quality Communication Systems.

All optical products used for The Work shall be rated for performance according to TIA 568C.3 and TIA 604-X backed up with 3rd party Channel insertion loss from a Nationally Recognized Testing Laboratory such as ETL or UL.

Deviations from this specification require the prior approval of The Customer. Requestor shall follow the procedures for substitution as outlined throughout the document.

Part 3 – Execution

The Work shall be installed in a neat and workman like manner according to the latest Manufacturer's recommendation, telecommunication standards and electrical codes. Local fire code, American Disabilities Act and Occupation Safety Health Administration requirements shall be adhered toward at all times during The Work in coordination with the Local Authority having Jurisdiction.

Contractor performing The Work shall be certified by the communication system Manufacturer. Contractor shall ensure that field personnel have been properly trained by system Manufacturer. Contractor shall execute and maintain Lifetime applications system warranty that is available to the Customer.

Contractor performing The Work shall be licensed, insured and permitted as required by The Customer and Federal, State and Local jurisdictions.

All Work produced trash and debris shall be disposed of properly following the most stringent guidelines according to local, state or national regulations. The Customer desires the Contractor to reduce on site job waste where ever practical.

If you require a more comprehensive specification to be used for construction documents or binding contracts, please contact your local Specification Engineer and they will be able to assist you at specteam@leviton.com