

Scope of Work: Southbury Public Library Wiring Project

Submitted by: Systec101

Introduction:

Systec101 is prepared to undertake the comprehensive network overhaul at the Southbury Public Library. This project involves replacing and upgrading the entire technology infrastructure following flood damage. Our team possesses extensive expertise in structured cabling and network design, ensuring the establishment of a robust and reliable system for the library.

Scope of Work:

- 1. Patch Panel Replacement:**
 - We will carefully remove existing patch panels and install twelve new 24-port CAT 6 (or higher) panels.
- 2. Cable Organization and Termination:**
 - Our team will re-organize all cables into 24 bundles to create a professional cable plant. All network cables in the rack will be reterminated.
- 3. Patch Cable Replacement:**
 - Systec101 will replace all 240 CAT 6 (or higher) patch cables with new, color-coded cables, utilizing up to four different colors to facilitate network management.
- 4. Hardware and Support Installation:**
 - We will supply and install all necessary hardware, including rack mount components and wire management solutions, to efficiently support the new network infrastructure.
- 5. Cable Testing and Certification:**
 - All cables will be certified using Fluke Versiv 2. We will reterminate or replace jacks as needed during the certification process.

Commitment and Compliance:

- **Mandatory Site Walk Engagement:** Our team will attend the pre-bid site walk at the Southbury Public Library to review technical specifications and assess site conditions, ensuring complete alignment.
- **Regulatory Adherence:** Systec101 adheres to all electrical codes and industry standards, guaranteeing a safe, efficient, and compliant installation.
- **Project Schedule:** Systec101 can commence work within 30 days of project approval and will complete the project within the subsequent 30 days.

Final Deliverables:

New York - 418 Broadway, STE N, Albany NY 12207
Denver - 11871 E 33rd Ave, Unit B, Aurora CO, 80010
E-mail: my@systec101.com
Phone: 303-537-7575



- A fully installed and operational network system, comprehensively tested to ensure optimal performance.
- Detailed project documentation, including updated network diagrams and cable certification results, for ease of future maintenance.

Systec101 is dedicated to providing superior service and solutions. We eagerly anticipate the successful completion of this essential project.