

# **MGN PUBLIC SCHOOL URBAN ESTATE JALANDHAR**

## **NOTICE INVITING TENDER**

**Last date and Time for submission of Tender documents is 17/01/2026 by 12:00 PM.**

Date: 02.01.2026

Sealed tenders are invited from reputed, experienced, and financially sound firms / contractors for the work of Optical Fiber Network Laying and Installation of Active & Power Equipment in the School Campus, as per the details given below:

### **Name of Work**

Design, supply, laying, installation, testing, and commissioning of Optical Fiber Network, including Optical Switches, PoE Switches, Online UPS (Rack Mounted) and UPS power connectivity between optical nodes in the School Campus.

### **Scope of Work**

- The work shall broadly include, but not be limited to:
- Optical Fiber Work
- Trenching / ducting / conduit work as required
- Laying of single-mode optical fiber cable
- Splicing, termination, testing, and commissioning
- Labeling and documentation

### **Network Equipment Installation**

- Supply and installation of optical switches
- Supply and installation of PoE switches
- Mounting and termination in network racks
- Power & UPS Work
- Supply and installation of online UPS
- UPS power connectivity between optical nodes
- Electrical safety arrangements

### **Testing & Commissioning**

- End-to-end network testing
- Power backup testing
- Submission of as-built drawings and test reports

For Queries, if any, email at [mgnue2@gmail.com](mailto:mgnue2@gmail.com) or Contact Us at 0181-2441666/2441777.

Website: <http://www.mgnurbanestate.org>

## **Requirements at Optical Nodes**

### **For FOC Main at New IT Room**

SW 24 Port – 01 No's

POE 24 Port – 01 No's

22U Floor Rack – 01 No's

6KVA Online UPS – 1 No's

Battery 26AH – 16 No's

Battery Stand and Interlinks

### **For each FOC Drop at Ground Floor - Gate No.1, Transport Office, Basement Store, Gurudwara Sahib, Old IT Room**

#### **First Floor - IT Store**

#### **Second Floor – Staff Floor**

#### **Third Floor – AV Hall, IT Room**

SW 16 Port – 01 No's

POE 16 Port – 01 No's

6U Rack – 01 No's

LIU, SPF, Patch Cords, 6 core Optical Fiber, 2 core 1.5mm Electrical wire, PVC Pipe and support accessories according to above requirement.