

MGN PUBLIC SCHOOL URBAN ESTATE JALANDHAR

NOTICE INVITING TENDER

Last date for submission of Tender documents is 03/02/2026 by 12:00 PM.

Date: 29.01.2026

Tender No. 1 (Optical Network)

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 or Contact Us at 0181-2441666/2441777.

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

Requirements at Optical Nodes

For FOC Main at New IT Room

Gigabit SW 24 Port with 04 SFP – 01 No's

Gigabit POE 24 Port + 04 SFP – 03 No's

22U Floor Rack – 02 No's

6KVA Online UPS – 1 No's

Battery 26AH – 20 No's

Battery Stand and Interlinks

For each FOC Drop at 11 sites

Gigabit SW 16/24 Port with 04 SFP – 7 No's

Gigabit POE 16/24 Port with 04 SFP – 11 No's

6U Rack – 04 No's

12U Rack – 02 No's

Please visit school for detailed list of other equipments like LIU, SPF, Patch Cords, 6 core Optical Fiber, 2 core 1.5mm Electrical wire, PVC Pipe/Channel and support accessories according to above requirement.

Preferred Brand:

1. Switch/POE – **NetGear/Aruba/Cisco/TP-Link**
2. Online UPS - **Eaton**
3. Battery - **Exide**
4. Electrical Cable – **RR Cable/Polycab/Havells**
5. Optical Fiber – **Molex**
6. LIU – **Molex**
7. Patch Cord – **Molex**
8. SFP - **OEM**
9. Rack – **DataRack/D-Link**

Tender No. 2 (Desktop PC)

1. Desktop PC i5 14th Gen, 8GB RAM, 256GB NVME, DOS, 20 inch FHD LED Monitor, Keyboard, Mouse with 5 Yrs Comprehensive Onsite Warranty – 45 No's (**Brand - Dell/HP/Lenovo**)
2. Desktop PC i7 14th Gen, 16GB RAM, 512GB NVME, DOS, Keyboard, Mouse with 5 Yrs Comprehensive Onsite Warranty – 05 No's (**Brand - Dell/HP/Lenovo**)
3. 01 No's **Eaton** 10KVA Online UPS and 16 No's of 26AH **Exide** Batteries with Stand and Interlinks (Including Installation).

Tender No. 3 (Air Conditioner)

1. 1.5 Ton Split Air Conditioner (Inverter Technology) with Wire, Pipe, Stand and Installation – 50 No's (**Brand - O'General**)

Tender No. 4 (Network Attached Storage)

1. **Synology NAS DS1825+** - 01 No's
2. **Synology 16TB HDD** – 06 No's