

Ref. No.

Date:

To
 Jupiter Computers
 45 A/1 Central Road, Jadavpur,
 Kolkata – 700032, West Bengal
 Mobile: 9830236256
 Email: admin@jupitercomputers.in

Sub. : Work Order for Annual Maintenance Contract for LAN Infrastructure at the University Campuses for the period of 3 (three) years

Dear Sir,

With reference to your quotation submitted through e-tender for Annual Maintenance Contract for LAN Infrastructure at the University Campuses for the period of 3 (three) years, the work order is hereby placed with you for the following services.

Item Description	Base Price Rs.	Price + GST Rs.
Annual Maintenance Contract for LAN in the University Campuses [AMC for 3 (Three) years] (Scope of Works mentioned in Annexure – I)	Rs. 8,70,000/-	Rs. 8,70,000/- + Rs. 1,56,600/- (GST) = Rs. 10,26,600/-
Rupees Ten Lac Twenty Six Thousand Six Hundred Only		

Your kind attention is drawn to the following conditions attached to the work order for the said items.

- (1) An agreement for the Annual Maintenance Contract (AMC), duly signed by the authorized signatory is to be submitted to the undersigned. The terms & conditions of AMC should be in compliance with the work order details enclosed herewith.
- (2) The service must be rendered strictly in compliance with the work order details enclosed herewith. Deviation in the specification cannot be made without prior approval of the undersigned.
- (3) Payment against the AMC will be made after every 6 (six) months in equal installment, on submission of the invoice for the respective period. Payment will be made, if the service rendered for the period is satisfactory. If the service during any period is not satisfactory, the work order may be cancelled without any prior notice.
- (4) **The work order value for AMC is ₹ 10,26,600/- for the period of three years from 01-09-2024 to 31-08-2027.**

Thanking you,

Yours sincerely,

Registrar

Enclosed: Scope of work (Annexure)

Copy forwarded for information:

1. Finance Officer, The University of Burdwan
2. In-charge (Addl. Charge), Computer Centre

DFA

D.F.A.
H.M.B.V.C. 14/08/24
Approved
ML/12/08/24

Registrar

Ajay Andal 12/08/24

ANNEXURE - I

Scope of Work

1. Annual Maintenance Contract for LAN in the University Campuses from 01-09-2024 to 31-08-2027

a)	<p>New OFC laying (1500 mtr. approx.) and repairing/replacing of existing OFC (as and when required) including supply of G.I./HDPE pipe and other accessories as per specifications mentioned. OFC would be supplied by B.U. The laying of OFC must be as per following specifications.</p> <p>i. Underground OFC laying through HDPE pipe (2.3 mm to 2.4 mm thickness, ISI brand) at 1 mtr. Depth below the surface.</p> <p>ii. Underground OFC laying through boring at 1 mtr. depth below the surface (for road crossing) using Hot Dip Galvanized medium 1.5mm (or above) GI pipe (Material: GI Pipe C Class as per IS:1239,TATA/BANSAL brand)</p> <p>iii. Outdoor and indoor OFC laying on wall surface through 1" HDPE pipe (2.3mm to 2.4mm thickness, ISI brand) including necessary cement and brick works. Installations of the route markers are mandatory for existing and new OFC laying. Route markers would be provided by B.U.</p>
b)	<p>New UTP cable laying (3000 mtr. Approx.) and repairing/replacing of existing UTP cables (as and when required). UTP cables would be supplied by B.U. The laying of UTP cables must be as per following specifications.</p> <p>Indoor UTP Cable laying following the norms of structured cabling [including supplying of materials (ISI standard) like Ferrule (for marking at both end of UTP cable), PVC pipe/casing, L, T, etc.]. Marking on cables and I/O box are to be made as per the specifications to be provided by the Computer Centre, B.U.</p>
c)	<p>OFC splicing for new OFC laying and existing OFC (in case of repairing/replacement) including supply of all consumables and splice boxes (bamboo type for outside OFC repairing and box type for indoor OFC repairing) and splice trays. Company should use their own devices (Splicing machines, etc.) and accessories, required for this purpose. OFC, LIU and pigtails would be supplied by B.U.</p>
d)	<p>Fault detection of existing OFC (as and when required). The company should use their own devices (OTDR etc.) and accessories required for these purposes.</p>
e)	<p>Fault detection of existing UTP connectivity approx. 4000 nodes (as and when required). The company should use their own testing devices and accessories required for these purposes.</p>
f)	<p>Fixing of new I/O boxes and existing I/O boxes (in case of repairing / replacement) including termination (both at jack panel and I/O box), labeling (as specified by Computer Centre, B.U.) and supply of accessories. Company should use their own devices (for testing & termination) and accessories, required for this purpose. UTP cables, jack panels, I/O boxes would be supplied by B.U.</p>
g)	<p>Fixing of LIU, Jack Panels, devices and rack dressing for both new OFC laying and existing OFC (in case of repairing/replacement) including supply of hardware nuts and other accessories. Rack, LIU, Jack Panel, network devices, OFC patch cord, UTP patch cord would be supplied by B.U.</p>

h)	Installation and configuration with cyber security implementations (access lists, firewall, etc.) of UTM, network switches and Access Points, whenever required, approx. 200 switches for connecting to the existing LAN with multiple VLAN support (Qualified manpower with requisite certification must be provided for configuring & installation of devices). Troubleshooting of various vulnerabilities in UTM, Switches and APs as raised by government agencies from time to time has to be addressed and eradicate promptly. Stable Internet connectivity to every end points should be maintained with zero downtime. Switch, Access point, UTM, network devices, would be supplied by B.U
i)	Inspection, cleaning and sealing of LIU and racks on regular basis.
j)	Maintenance of Point-to-point Access Point on roof top towers (of height 21 mtr. and 18 mtr.) and maintenance of towers including painting with primer & paints (ICI Red & White exterior paint) once in a year). Access Points and outdoor STP cables would be supplied by B.U .
k)	At least maintenance services per week must be given besides on call service.
l)	Service engineers must address the issue within 1(one) hour against the telephone call/email.
m)	Any technical problem which is not related to any major equipment replacement must be resolved within 4 (four) hours of call/email.

Total order value = ₹ 10,26,600/- (Rupees Ten Lac Twenty Six Thousand Six Hundred Only)