9. The equipment/ hardware supplied by the supplier shall be brand new and complete with all respects. The devices/ equipment delivered by the vendor must be compatible to the existing network connectivity

10. The vendor shall provide alternative of same capacity equipment in case of any faulty equipment till the repair or replacement. Or if there is any permanent fault in the equipment, that will be replaced definitely by new equipment of the same model/ advance model of the same capacity/higher capacity not less than the capacity of unit supply, in any case.

11. The cabling (any type) must be properly tagged/ numbered and there should not be any hanging or uncovered wire. Furthermore, installation of I/O, Crimping, Racking

and related equipment/ devices must also be the liability of vendor.

12. The ISP should be able to provide online usage report through web portal. The ISP must provide a usage report i.e. MRT Graph that can be accessed directly by IBA.

13. The vendor/ firm will also fix the cemented tags or path indicators at the route of Fiber Optic Cable installed within the premises of Karachi University / IBA in order to avoid any damage to the cable.

14. Design of the network should have the scalability/flexibility to add any additional

bandwidth in future.

	One Time Charges (OTC)  If any	Monthly Recurring Charges (MRC)
Total	PKR 200,000	PKR 350,000
SST	PKR 131000	PKR 569755
Total Amount		PKR 406,755
Grand Total Amount		19,755

Grand Total Amount Rupees (in words) Five bondred

Assistant Professor IBA, Karachi