CSCI 6345

**Proposal for a network configuration**

Group 6

Suppose you were hired to set up a computer network for a newly established business, school, bank, hospital, or whatever you decide that requires 100 computers, several servers and printers. You will initially want to purchase the necessary computers, servers and printers for each department. Number of servers and printers will depend on the type of organization and its needs. Write specifications and obtain prices from three different sources and make your recommendations. Please give justification for the specification and rationale for your recommendations. ASSUME YOU ARE MAKING THIS PRESENTATION TO THE BOARD OF GOVERNORS.

Format of the report:

1. Describe the type of business
2. Building layout
3. Department organization and physical location of each department
4. Description of server requirements and three compatible quotations
5. Description of all required peripherals and requirements and quotes
6. Description of Workstation requirements and quotes
7. Your recommended quote and justification

Do not forget to include power backups, data backups, redundant servers, redundant broadband, etc. Need to determine type of broadband service and how much it costs, malware protection for the entire enterprise, etc.

Note: This assignment will require considerable amount of lead time to determine equipment needed, layout plans, obtaining prices, etc. So start today. Your report will be quite long.