NAME:PAREENITA SHIRSATH PRN:221101062 ROLL.NO:52 T.E.A.I.&.D.S.

**Q. Hindustan Transport Company Ltd., Aurangabad has decided to establish a computer**

**centre to train its employees in using modern means of recording, storing, retrieving and**

**transmitting information. You have recently been employed by the company to set up this**

**centre and then to train its employees in using the computer facilities for day-to-day operations.**

**Write a technical proposal, containing a comprehensive plan for setting up this centre and**

**training the employees. The proposal is to be submitted to the Vice-President (Engineering).**

A Proposal

For

**Upgrading the existing and setting up a new Computer Center**

By

Pareenita Shirsath

Senior AI & Data Science Engineer

**Hindustan Transport Communication Ltd.**

**Aurangabad**

August 2024

**EXECUTIVE SUMMARY**

1) Project title : Setting up Computers, ready for training

2) Name & designation of the proposer : Pareenita Shirsath, Senior AI & Data Science Engineer

3) Postal address of the proposer : Hindustan Transport Communication Ltd.

Aurangabad

4) Duration : 3 months

5) Amount of money required : (A) non-recurring - Hardware ₹ 25 lakh

Software ₹ 5.70 lakh

(B) Recurring - ₹ 50,000

**Total - ₹ 25.5 lakh**

**BRIEF DISCRIPTION**

The purpose of upgrading the existing and setting up new computer center is to provide employees access to computer technologies required by trainer. The computer Center would be to support the needs of all employees of our department. The existing computer equipment in the computer center is mainly for general usage such as application for office productivity suite, research on the internet and applications for instructional support such as statistical and computer programming software.

Upgrading the existing systems to make them capable of performing tasks that are currently used is important. Employee would be able to experience the current technologies and excel in that field. The latest tools and Analyticals will be smoothly handled after this upgradation. Also more systems will help each and every employees to individually perform and experience the deeds which the trainers give.

**TECHNICAL PLAN**

Estimation of computer center Equipment as follows as :-

DISCRIPTION AMOUNTS

Advanced software and technology ₹ 1.50 lakh

Licensed accounting and designing software ₹ 1.10 lakh

Printer with scanner and Xerox machine ₹ 2.50 lakh

Computers ₹ 10 lakh

Others ₹ 1.40 lakh

**MANAGEMENT PLAN**

The installation of the system would be done by the technical personnel of the company form which the equipment is bought. The technical staff of the company would take over the responsibility of operating and maintenance and after it starts functioning.

The supervision and management of center activities and production of new teaching material would be done by following trainer members.

1) Mr. M. D. Narvankar, computer engineer.

2) Mr. J. B. Jonhson, data engineer.

Mr. M. D. Narvankar had a profound knowledge about computer hardware and software. Mr. J. B. Jonhson had been in charge of computer center for the last 2 years in previous company so he had experience it will be helpful here.

**STATEMENT OF THE PROBLEMS**

One type of computer threat is caused by human error. In this unit we will discuss the effects of identity theft, business data theft and virus. Commonly cited statistics claim that human error is responsible for anywhere between 70-100% of the likelihood that an individual will perform their task effectively. Implementing computer security controls often become vague or cumbersome. Regardless of the strength of the technical controls. If nontechnical considerations affects their implementation and use, the effect on security can be severe. Moreover, if configured or used incorrectly, even the best security controls is useless at best and dangerous at worst. Thus, the designers, implementers, and maintainers of security controls are essential to the correct operation of those controls.

**OBJECTIVE**

1. To upgrade the existing computer center in order to impart additional computing skills to the employees and the use of ICT applications.
2. To offer specialized high end computing training to the employees in order to prepare them for the upcoming tasks.
3. To provide soft skills training and coaching in English language to make them employable through exposure to the computers which are programmed in English.
4. To improve on the ratio of employees per computer in order to concentrate well in tasks assigned.

**COST APPROXIMATION**

Total sum of Rs. 16,50,000/- is required for computer hardwre and software and other accessories etc.

Additional running cost:

1. Electricity ₹ 80,000

2. Material required maintenance ₹ 10,000

3. Stationary materials ₹ 60,000

**Total ₹ 1,50,000**

**CONCLUSION**

The aim of computer center and training is to provide the foundation of technology oriented work place, and to boost the company’s success and also to build skills of employees, to get a efficient and more satisfied results. It will also enhance the knowledge of employees about new technology in market and also help to achieve fast and better organized work done in least amount of time.