Installing New and Bigger Servers for the Anvil Corporation

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Section A

Project Summary

The project is for the client Anvil Corporation. It involves installing new and bigger servers for the firm, updating employee computers, and developing another website. The recent shift in marketing to online marketing has forced the firm to buy faster and bigger servers to ensure that all the database servers are attended to. Also, the older servers were not linked to all the firm's processes.

Online marketing has proven its worth in modern markets because of the widespread use of the internet (Alallan, 2011, p. 1). The firm seeks to increase its market through online advertisements, social media sites, and videos. From the online market, the firm has predicted higher user feedback from clients and suppliers. Thus, the updated servers' project will need to cater to all these activities and concurrently manage the virtual processes in the firm.

Working will be limited from 8 AM to 5 PM from Monday to Friday.

Service Description

Updating the servers requires the acquisition of computers and the development of new software to suit the hardware. Implementation of the project will be concurrent but divided into three groups. The process will not interfere with any process, such as stopping machines for extended periods or switching off the website.

The first group will work on installing the servers. These servers will be responsible for the management of the company processes and the network requests. Software specially designed for the computers, such as operating systems, security, and access control systems, will be developed. The customer website will be authentication- and authorization-based to protect the privacy of the users.

The second group will work on wiring the machines and computers to the servers. By fixing conduit

pipes in the walls of the company, the machines will be connected using wire and optic cables. The third group will install programs and customize the machines in the firm. The access control programs will be customized to suit the various job descriptions at Anvil. Through the cables, the machines will be connected to the servers. All the processes will take place on the company premises except for the development of the programs; this will depend on the vendor.

Deliverable

The project's first expectation is to have the first team install programs on the employee and system computers. This process will also require that the computers are limited to user access and hence will require security programs. Also, the vendor will develop accounts on social media platforms. The vendor will take pictures of the company premises to be put up on the website and social media platforms.

The process should not significantly interfere with the working processes of the company; hence, the wiring process will be done in segments. The process should also not interfere with already present wiring and other connections. The wiring will, therefore, be hidden on the walls and conduit pipes used.

The database is required to be completed in three months. The software development and testing processes are expected to take the longest time, hence the three months. The materials to be purchased will be dependent on the vendor. The database will be connected to all the automated and virtual processes in and outside the company. Access to the database will incorporate various security features such as access control, authorization, and authentication.

Payment Schedule

Anvil Corporation will cover all the extra costs, such as the purchase of servers and wiring materials. Also, in the case of subcontractors, Anvil will cover the costs. The vendor will, therefore, only receive payments for their services. Anvil will cater for meals for the employees on the company premises in the company canteen.

Payments will be made in three monthly installments to the vendor. The company will not accept any financial liability for any subcontractors hired by the vendor.

Anvil has a financial budget of $100,000. However, the vendor will be paid a total of $50,000. The rest is meant for buying the computers, routers, wires, and other necessary materials required.

Subcontractors

Anvil will only be financially liable to subcontractors that provide materials needed for the project.

Only subcontractors providing materials are acceptable for the project. Financial liability for labor issues is limited to the vendor. Therefore, when seeking a vendor, Anvil requires a contractor capable of efficiently implementing the project without external subcontractors.

Representatives

1. Mrs. Jennifer Martins—Project Manager
2. Representative from the Vendor
3. Albert—Representative from the Subcontractor

Acceptance Criteria

Rejection and acceptability criteria will be determined by the following:

1. Adherence to safety in fitting the conduit pipes
2. Access control, authentication, and authorization security features incorporated into the system
3. Fast access to the internet and servers by both users and employees, respectively

Section B

Project Selection

Project selection is mostly determined by a firm's financial capabilities in implementing projects (Monnapa, 2017, p. 1). However, there are other factors considered in the project evaluation process (Kettering, 2006, pp. 2-3):

1. The senior management's commitment to the project—the will of the management team to embrace the project—is critical because they are empowered to make decisions on the company's financial budgets (Kettering, 2006, p. 2).
2. The project's linkage to the firm's goals—the project should aim to realize the company's goals, such as reducing operational costs or improving the marketing strategy.
3. Available funds for the project—without sufficient funds, a project is foregone for a smaller one.
4. The project's implementation plan involves the deadlines and clarity of the process.

Business cases for projects are important for businesses to strategize on risks and financial concepts. The lack of these cases leads to (Mar 2012, p. 1):

1. Chaotic projects—due to a lack of business cases, planning, organization, and control of projects are not implemented.
2. Unmanaged risks—business project management is responsible for identifying, managing, and

controlling risks, without which the risks are neither identified nor are mitigation procedures available.

3. Unmatched processes—the business does not recognize other company processes when implementing the project, which leads to unstandardized and unmatched processes and quality.

References

Alallan, F. (2011). The Small Business Online Marketing Guide. *Online Marketing, 1*(1), 1-19. Retrieved from https://www.academia.edu/31748027/Online_Marketing

Kettering, C. (2006). The Importance of Project Selection. *Six Sigma Qualtec*, 1-6. Retrieved from https://www.ssqi.com/breakthroughs/whitepaper-pdfs/Project_selection_WP.pdf

Mar, A. (2012). Why Project Management is Important. *Simplicable, 1*(1), 1. Retrieved from https://management.simplicable.com/management/new/why-project-management-is-important

Monnapa, A. (2017). Project Selection Methods for Project Management Professionals. *Simple learning, 1*(1), 1. Retrieved from https://www.simplilearn.com/project-selection-methods-article