Project Plan

Luis R Escamilla Jr

Columbia Southern University

Project Plan

Project name: Mobile Technology Project:

Project manager name: **Luis R Escamilla Jr**

**Project’s goals:**

The mobile technology project is aiming at several goals to achieve by the end to ensure that the end-users of the designed project are satisfied with the services that the project provides. First is to ensure that the targeted users participate in the process of designing the project. Secondly, is to facilitate the accomplishment of the business goal and objectives following the drafted budget and the time parameters. Also, the project aims at minimizing the impact on normal business activities from the units that may be affected. Lastly is ensuring that the crafted agreement between the Department and the vendor is favourable and secure.

**Cost estimate:**

The project-estimated cost at the beginning is 9000USD that will be used to purchase the required material to kick off the projected plan. Another 4500 USD is estimated to put aside to boost and help in cases of emergency.

**Project structure:**

The project has a well-detailed structure that will be used to maintain the smooth operation of the business. First, the agreement will be secured with the vendors who are L3 and Tiburon. The order of the required equipment will be done. The installation and test of the software will take place. Therefore, conduction of the hardware test and commence on training and implementation of ARS/AFR. Lastly will be to secure the equipment and begin its operation.

**People/departments involved:**

The project requires several people to be incorporated to ensure they can assist in their areas interest. The electrical department team will be involved to ensure that the electrical part is fixed. Also, the electronics team will be incorporated to ensure that they are handling the electronic part of the system. The IT experts are necessary to handle the software and the programming nature of it. Finally, will the vendors who will be explain everything that takes place since they have proper knowledge of the system

**Potential risks/issues to overcome:**

The project expects to have some risk that may require the attention of people at particular times. First is the attitude the user will have towards the project that will make the project develop or not. The project can only achieve its goals once the users are with it at heart. Also, the lack or absence of skilled and friendly mid-management is a potential risk that may hinder the operation of the project. Another expected risk in the project us the availability of the project team. In case the team that is responsible for the project design are not available, then the project might fail. The team should be physically located near the project area for effective management.

**Timeline of completion (start date/completion date):**

The project is to commence by 1/12/2020 to 28/2/2021

**Project scope:**

 The project is expected to come up with new mobile technology. Alongside mobile technology, there will be 20 mobile devices, internet access, and automatic field reporting software. Also, digital CAD dispatch software and car to car messaging, including CAD, RMS, and NLETS are other available scopes.

**Project objective:**

The objectives of the project include improving the firefighters and citizens and reducing the crime rate by the use of automated crime prevention.

**Deliverables:**

They include the project reports as well as the minutes of the meeting.

**Milestones:**

Milestones of the project include the first committee meeting to do in phase one, secondly is drafting a plan of the project. After that, enquiring from vendors and conveying a meeting with the vendors

**Technical requirements:**

 The technical requirements are electrical components and IT experts.

**Limits and exclusions:**

The project is limited to its goals and objects. It is not required to continue to any other field that does not feature in the goals and the objectives. The project is limited to the laws that govern it.

**Reviews with customers:**

 The project must be reviewed by the customers to ensure that they have recommended to fit their expectation. According to Charisius & Coad (2009), in case they do not recommend, then there is no need since it will be of no significance in the area.

**Project stakeholders:**

The shareholders in the projects, the managing director, other managers, the community

**Work breakdown structure (WBS):**

The structure of the flow will be as follows. Managing director – departmental managers – other staff members – casual workers - consumers

**Importance of WBS:**

 The WBS assist in ensuring there is a structural flow of work that would eliminate confusion and unnecessary mistakes. According to Newton (2016), every person will stick to the place of work.

References

Charisius, D., & Coad, P. (2009). *U.S. Patent No. 7,493,591*. Washington, DC: U.S. Patent and Trademark Office.

Newton, R. (2016). *Project management step by step: how to plan and manage a highly successful project*. Pearson UK.