Project Proposal

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**Purpose of the Project**

 The need for patio in homes has significantly increased, especially due to the changing climate. Global warming has increased the average planet temperature. As a result, people need placed where they can relax during hot weather. Therefore, the primary purpose of screened-in patio is to enhance the sustainability of homes. Patio helps in protecting home occupants from extreme weathers, especially hot temperature. At the same time, the project aims at increasing the value of the home. People are likely to pay more for homes with descent and spacious patio. The project, therefore, will enhance the value of the home.

 Financial technique is the most appropriate selection method for choosing this project, as the screened-in patio is aimed at improving the home value. Therefore, the project will be selected based on the present value in relation to the expected value of the home after the successful completion of patio. The financial selection method will help in maximizing the value of the home by considering cost of completing the project against expected revenues. Hence, financial method is appropriate for the project because it can be used to maximize the value of the home compared to the non-financial method.

**Objectives of the Project in terms of Problems Being Solved**

 One of the main objectives of constructing screened in patio is to provide shade. Currently, the home does not have appropriate outdoor shade that the residents can use, especially during hot weather like summer. Residents currently rely on trees on the compound that are not reliable because the position of the shade keeps on changing with changes in the direction and movement of the sun. At the same time, shades provided by the trees may not be comfortable, especially when there is strong wind. Screened-in patio, therefore, will help in solving the problem of lack of reliable and comfortable shade in the home (Patio Productions, 2015).

 The second objective is to provide entertainment. Patio is one of the best places for entertainment in homes. Patio is an outdoor living space that gives residents an opportunity to enjoy warm weather and fresh air (FBN, 2014). At the same time, it is the best place to entertain guest of family members. As a result, patio will be designed in a way that residents and their guests can enjoy maximum entertainment. Patio increases the space for wining and dining while at the same time to cook out of the kitchen, which is entertaining (Patio Productions, 2015). Besides, screened-in patio will offer privacy during entertainment. Ultimately, patio will increase the value of the home, as many home buyers are attracted to premises with outdoor features that are associated with a lot of benefits such as comfortable shades that doubles as place for entertainment.

**Scope Statement**

 The main objective of the project is to build a high quality and sustainable screened-in patio with the primary aim of improving the value of the home. Currently, the home does not have a proper shade. The project should be completed within a period of two weeks at a maximum cost of $5,500. The home is located at Charleston in South Carolina. The screened-in patio project is a worthy investment because it will significantly enhance the value of the home.

 The project has four main deliverables for this project. First is the construction of a 225-square-feet concrete patio that has a spacious walking space of about 10 inches. Secondly, there will be the construction of Pinewood fence to cover the patio. Effective coverage of the patio is one of the objectives aimed at solving weather-related problems in homes. The third deliverable is the placement of furniture in the patio. The main furniture that will be placed in the patio will include a 48-inch round table and six chairs. Finally, there will be the placement of screen on the in the patio.

 The screened-in patio project has four main milestones to be completed within two weeks. First, there will be inspection of the area where patio will be constructed as well as the materials to be used. The inspection will also include developing the right measurements of patio. This should be done on 1st February 2018. The second most important milestone will be the laying of concrete foundation, which will take place on 3rd February. Other milestones that will follow will be fencing of the patio and installation of electricity and lighting that will occur on 10th and 11th respectively. The final inspection will be done on 13th to determine the success of the project.

 In addition, the main technical requirement will be to ensure that the project meets the set standards, especially in terms of the quality of the materials. Specifically, the patio must be in line with the local requirements of height and area, the wood must be pressure treated, and construction of concrete slab must have a minimum depth of 3.5. At the same time, the flooring must meet the required standards. In addition, all posts’ concrete footing must be embedded in the ground at least 3 feet and be 18 inches in diameter. The sustainability of the project relies on meeting the required standards (Takim & Adnan, 2009).

References

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