APPLICATION OF VALUE ENGINEERING FOR THE POLYCLINIC BUILDING CONSTRUCTION OF RSUD SUTOJAYAN KABUPATEN BLITAR

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Abstract

Hospital Clinic Building Development Sutojayan Kab. Blitar need not cost a bit. It required a project control methods to obtain the lowest cost or the cost optimization without losing the value of the Engineering function Value (Value Engineering), so do not have the disposal of funds for something that is not necessary.

The purpose of this Final Project is to apply value engineering in construction projects Polyclinic Hospital Building Sutojayan Kab. Blitar, so the cost savings obtained from a few selected items. In this final task value engineering methods that will be applied in the form of a work plan consisting of: the information stage, the creative phase, phase analysis and recommendation phase.

From the engineering stages of the value of 3 items found jobs with the potential cost is not necessary most of the work wall, the work door and tile work. In order to get alternative jobs wall brick with mixed pairs of species (PC-PP) plaster and paint finish Paragon, savings amounting to Rp 39,972,028.48 (11% of the initial design). To the work door to alternative meranti wood Frame 5 / 10, slimar meranti 3 / 10, 5 mm clear
glass, 5 mm and the multiplex acessoris, saving Rp. 13,947,480.00 (36% of the initial design). And to work to get an alternative ceramic tile floor 30x30 floor plain of MULIA, mortar and colour cement saving Rp. 27,466,113.48 (16% of the initial design). Thus obtained the total cost of implementing the savings amounted to Rp. 81,385,621.96 (eight twenty-one million three hundred and eighty-five thousand six hundred twenty-one rupias). Or for 1.48% of the initial design.

Keyword : Value Engineering, Saving, Cost.