



ABSTRACT

Background: Sari Asih Enterprise will make finance efficiency and effectiveness for construction project of Sari Asih Serang Hospital. The actions is try to do finance self management methods, especially for Mechanical and Electrical project.

Objective: The study of mechanical and electrical construction project at Sari Asih Serang Hospital.

Methods: A case study of explanatory comparative with prospective design. The collecting primary data are through by direct observation. The Data are budget estimate, master schedule, monthly progress report, and quality check list. While the secondary data in this study are collecting from Owner document and Construction Management for Sari Asih Ciledug Hospital project. The Data are quotation documents, progress report, and quality report.

Result: Unit price comparison research showed that unit price efficiency average is 19,61% for supply and installment panel electric; 33,89% for supply and installment armature lamp; 21,87% for piping in pump room; 32,59% for supply and installment head sprinkler and hydrant at basement floor; 31,68% for supply and installment thunderbolt preventive; 0,21% for supply and installment fire alarm; 13,49% for supply and installment Air Conditioner units; and 40,03% for supply and installment Exhaust Fan units.

Conclusions: Implementation schedule of mechanical and electrical project using self management method are more faster. The Quality of mechanical and electrical project using self management method are more better. Implementation finance of mechanical and electrical using self management method are more bigger.

Key words: Main Contractor, Self Management, Budgeting, Quality, and Schedule