

ABSTRAK

Judul : Analisis Perbandingan Biaya Pekerjaan Bekisting Plat Menggunakan Metode Sistem (Table Form) Dan Semi Sistem Pada Proyek Apartment Meikarta, Nama : Komarul Umam, Nim : 41115310071, Dosen Pembimbing : Anjas Handayani, ST, MT, 2020.

Proyek Apartement Meikarta merupakan proyek yang dikerjakan oleh PT. Abadi Prima Intikarya sebagai salah satu subkon Struktur. Proyek Apartement Meikarta Tower 53021 Memiliki gedung utama seluas 36.101,16 m², dan total luas tanah 3.563,2 m². Bagian ini terdiri dari 3 Podium, 18 lantai apartemen, dan 4 basement. Proyek yang dijadwalkan selesai dalam waktu 10 bulan ternyata mengalami keterlambatan, hal ini diakibatkan karena pada saat pelaksanaan proyek menggunakan metode bekisting semi sistem sehingga alur pemasangan bekisting dan pengecoran menjadi terhambat. Dengan beberapa pertimbangan, diubahlah metode bekisting yang digunakan dari metode Semi system menjadi Sistem (Table Form).

Pada tahap ini dimulai dengan observasi lapangan, Studi literatur meliputi pengumpulan informasi, Kegiatan perumusan masalah, Data primer dan sekunder serta pengolahan analisa data dengan metode Analisa Harga Satuan Pekerjaan SNI (AHS-SNI) 2018 Untuk menghasilkan harga pekerjaan bekisting yang meliputi upah, bahan dan alat.

Berdasarkan hasil dari analisis yang dilakukan terhadap masing-masing metode bekisting, diperoleh kesimpulan bahwa Biaya Pekerjaan bekisting Sistem (Table Form) lebih murah dibandingkan dengan Semi sistem. Total Biaya Pekerjaan menggunakan Semi sistem sebanyak Rp. 4.837.286.252,27 Sedangkan menggunakan bekisting Sistem (Table Form) sebanyak Rp. 3.724.594.795,77. Hal ini Menunjukkan bahwa pekerjaan dengan menggunakan Sistem (Table Form) lebih murah sebesar Rp. 1.112.691.456,50 atau sekitar 23%.

Kata kunci : Bekisting Semi Sistem, Bekisting Sistem (Table Form), Alat, Biaya, Waktu

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ABSTRACT

Title : Analysis Comparison of Cost Works Formwork Plate Using Method System (Table Form) And Semi System In Project Apartment Meikarta , Name : Komarul Umam , Nim : 41,115,310,071, Lecturer Supervisor : Anjas Handayani , ST, MT, 2020.

Project Apartement Meikarta is a project that is undertaken by PT. Abadi Prima Intikarya as one of the subcon structure . Project Apart e ment Meikarta Tower 53021 Having a building principal area of 36101.16 m², and the total area of land 3 .563,2 m². This section consists of 3 Podiums, 18 floors of apartments , and 4 basements. The project which is scheduled to finish in a time of 10 months turned out to be experiencing delays , matter is caused because the current implementation of the project using the methods of the formwork spring system so that the flow of installation of formwork and casting becomes obstructed . With some consideration , diubahlah methods formwork that use of the method Semi system into a system (Table Form).

On stage it starts with the observation field , study of literature includes the collection of information , Activity formulation of the problem , The primary data and secondary as well as processing analysis of the data by the method of analysis Price Unit of Work SNI (AHS-SNI) 2018 To generate price pack erjaa n formwork which includes wages , materials and tools .

Based on the results of the analysis were performed against each method formwork , obtained the conclusion that the fees Work formwork system (Table Form) over m urah compared with Semi systems . The total cost of work using the Semi system as much as Rp . 4837286252 , 27 While using beki sting System (Table Form) as much as Rp . 3,724,594,795.77. It 's Shows that pe work by using the system (Table Form) more cost amounting to Rp . 1112691456 , 50 , or approximately 23%.

Keywords : Semi System Formwork , System Formwork (Table Form), Tools, Cost, Time

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