

## CHAPTER IV

### CONCLUSION & SUGGESTION

#### 4.1 Conclusion

Based on the results of the work from the final project on the case study of the Fairfield Hotel Airport Tangerang Banten project, the following conclusions can be drawn :

1. The calculation of the quantity of architectural work for the Fairfield Hotel Airport Tangerang Banten project has the scope of architectural work : wall work, façade work, ceiling work, floor work, dorr and window work, sanitary work, and finishing work for architectural work items.
2. Compile and calculate the Cost Budget Plan (RAB) using the Work Unit Price Analysis (AHSP) of the Minister of PUPR Regulation No. 8 of 2023 in the field of Cipta Karya and PT Reynolds Partnership and the preparation work unit price analysis for aechitctural work using the price if materials and wages in the city of Tangerang, Banten province in 2023.
3. Recapitulation of the costs obtained for architectural work in the Fairfield Hotel Airport Tangerang Banten project with GFA of  $\pm 13.506$  M2 starting from the 1<sup>st</sup> Floor to the 10<sup>th</sup> floor plus 1 roof floor and 1 basement floor ( a total of 12 floors) of IDR 46.384.656.153,16 plus 11% VAT to IDR 51.486.968.330,01
4. After compiling the time schedule, it can be concluded that the architectural work of Fairfield Hotel Airport Tangerang Banten with a duration of 7 months.
5. Cashflow that functions to know the flow of money in and out. Cashflow based on the implementation schedule made with a down payment of 10% of the project value without VAT of IDR 4.638.465.615,32 and a 5% retentions value of IDR 2.319.232.808 and a cash loan of IDR 12.987.703.723

#### 4.2 Suggestion

During the preparation of the Final Project, of course, it is inseparable from various shortcomings. There are several things that can be used as input to each related party, including:

1. Must have high discipline in the preparation of the Final Project, because in addition to completing the Final Project, it is the final stage or the last challenge in lectures.

2. The need to understand theoretical concepts comprehensively, including supporting sciences such as profession, construction contracts, and construction management during lectures. This is needed because the preparation of the final project is a means to hone the understanding of the knowledge and competencies that have been obtained.
3. The need to increase the development of student competencies in operating supporting software such as Autocad, Microsoft Office, Microsoft Project, Cost-X and so on. This is very helpful in completing basic tasks for a Quantity Surveyor.
4. The preparation of the time schedule must be in accordance with the predetermined time and pay attention to the time of work implementation because there are several works that can be done simultaneously so that they can be shorter, more efficient, and do not cause cost overruns.
5. In compiling cashflow, it must be adjusted to the existing time schedule so that the cash flow is as desired, the accuracy of the schedule is something that must be considered in the preparation of cashflow. And also arrange cash flow must be calm because cash in and cash out must be balanced.

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