

## **ABSTRACT**

*Construction projects in Indonesia are currently experiencing a significant increase, especially in big cities, the implementation methods for each project can differ according to the social conditions of the community and nature. The type of construction material technology used will affect the ability of the building and also affect the budget for the cost and time of project implementation. In construction it is known as two methods of concrete work which are often used, namely conventional methods and precast methods, because of high requirements and fast duration in completing a construction project, this precast method is used.*

*This research was conducted to find out the comparison of the cost and time of implementation of conventional and precast method columns, conventional method calculation data taken from the project while the precast method uses the calculation of SNI 7832: 2012 regarding the calculation procedure for precast concrete units for building construction, the calculation results compared costs and the time between the conventional method and the precast method on the column structure in the Yogyakarta Sleman Polda Gowok Flat Project is the conventional concrete method of Rp. 626,310,009.00 and the precast concrete method is Rp. 891,8922,260.00. column structure precast concrete method is 11 days.*

*The price difference between the conventional concrete method and precast concrete is Rp. 265,582,250.00 or the precast concrete method is 42% more expensive than the conventional concrete method, with a difference of 6 days longer than the precast method because it uses one machine.*

**Keyword :** *Column, precast , Cost Comparison , Conventional.*