

## ***ABSTRACT***

*The Association of Internet Service Providers Indonesia revealed that in 2017 internet growth in Indonesia reached 143.26 million people who increased compared to the year 2016 which amounted to 132.7 million people and the year previous year. Based on these data required a reliable network capable of providing good performansi to support the needs for the people of Indonesia. Based on these conditions PT. Telkom Indonesia has planned to develop investment for business purposes, one of its flagship product is Indihome Fiber which is targeted to reach five million Indihome Fiber installation by the end of 2018. At this time, PT. Telkom Indonesia will conduct its investment plan in the form of Fiber To The Home project in Jalan Ciburuy, Kelurahan Ciseureuh, Bandung City with the aim of expanding its investment network for Indihome Fiber products with total investment of Rp 581,490,737 which the capital investment requirement comes from its own capital with the level interest Rp 20%. Assessment of investment feasibility in this research project used capital budgeting technique which intended to know whether or not a proposed investment to avoid the things that are not desirable, while for data collection, it used business requirements that aims to collect data for this research project can be limited and directed as needed. Based on the analysis of capital budgeting for FTTH STO Tegalega project plan obtained data shown payback period for 4 years 3 months from the provisions of target PT. TelkomIndonesia for 5 years, the net present value shown Rp 73,418,886 with 26% of internal rate of return, so it can be concluded that FTTH STO Tegalega project is feasible to run.*

*Keywords: Indihome fiber, Project, Investment feasibility*