

## **ABSTRACT**

*STTF Sukapura project is a network construction project that build fiber optic cable from OD to ODP. In the process, the project was indicated to be delayed. This indicates that monitoring and controlling process by PT. XYZ is not maximal. Therefore, it necessary to commit a better monitoring and controlling process. In this research, monitoring and controlling process is done with work performance analysis using earned value management (EVM) method. EVM is used to know how much the deviation and how effective work performance between planned value and earned value every period, the deviation can be known in s curve. With s curve, can be known project progress form period to period.*

*In this research, the schedule performance index is 0.79 and the schedule variance is -Rp 23,132,825 on they twelve. This indicate the deviation of project is -Rp 23,132,825 and the effectivity of work performance on they twelve is 79%. After analyzing what causes the delayed usuing root cause digram,the cause of the delay is the method of work is different with planing, the environment delayed the work, and not responsive to cahnges.*