

## **ABSTRACT**

*In carrying out the project, PT. XYZ always has problems resulting in delays in the project from the original plan, and has a contract extension. One of the factors of contract extension is planning that is not in accordance with project management. PT. XYZ requires a master plan that includes triple constraints, scope, schedule and cost.*

*Master plan design requires input in the form of project charters, project documents, enterprise environmental factors and organizational process assets. These inputs are processed to produce plan scope management, plan schedule management, and plan cost management. The processing process produces output in the form of a scope baseline to determine the scope of work on making applications for this project, a schedule baseline consisting of a gantt chart and network diagram, a cost Baseline that explains the cost plan for this project and the S-curve. Based on the schedule baseline, this project will start on March 1, 2021 and is estimated to be completed on March 31, 2022 with 11 critical activities. In this project, it costs Rp410.300.827 and the salary of project personnel is Rp. 1,356,863,400.*

**Keywords : Master Plan, Project, Planning, Triple Constraint**