

## ABSTRACT

The height of requirement of human being of technology progress will be visible from the increasing of medium requirement of telecommunications. All operator claimed to earn to keep abreast of telecommunications technology in order to able to ride out emulation to give best service for their consumer. One of way in which all operator GSM is by building network infrastructure (In Building Coverage) IBC GSM.

Step of planning of site Plaza Lokasari cover survey permit and floor plan, RF Survey, Commitment area, detail design till tally of required material, Bill of Quantity (BoQ). Then performansi of result of scheme will be seen from result of drive test by analyzing parameter of Rx Level (dBm), Rx Qual and Speech Quality Indeks (SQI). In this final project, hit problem handover that happened and spillage also will be studied.