

## **CERTIFICATE**OF APPRECIATION

**ID**: 50455022-1c70-48db-b2f0-cb91364e66cd

THIS CERTIFICATE IS PROUDLY PRESENTED

## Fitria Putri Lintang Sari

Has completed our course program "Training Quantity Surveyor: Project Cost Estimation (RAB) & S Curve Technique using Sketchup & Microsoft Excel Batch #6 (Kursus Perhitungan RAB & Kurva S dengan bantuan Sketchup & Microsoft Excel) Batch #6" held by KursusSipil on July, 29th - 30th 2023.

**Certificate Validation** 



**CEO Kursus Sipil** 

Edwin Budi Setiawan



## **List of Materials**

- The Definition of Cost Estimation
- Quantity Take off
- Calculating Consctruction Elements
- Knowing The Units in RAB
- RAB Calculations
- The Understanding of AHSP
- Perform Unit Price Analysis
- Make A Job List
- Quantity Take off
- Make Unit Price from AHSP
- RAB Calculation
- S Curve Production