

# CERTIFICATE OF APPRECIATION

ID : 07255a7e-507d-4a51-9558-5e067ff66b4f

THIS CERTIFICATE IS PROUDLY PRESENTED

# Dwi Muzdlalifah Safitri

Has completed our course program "**Training Quantity Surveyor: Pembuatan RAB dan Kurva S Proyek Konstruksi dengan bantuan Sketchup + Microsoft Excel**" held by Kursus Sipil on October, 31th 2023.

Certificate Validation

CEO Kursus Sipil



Edwin Budi Setiawan



# List of Materials

## LEARNING MATERIALS

- The Definition of Cost Estimation
- Quantity Take Off
- Calculating Construction Elements
- Knowing The Units in RAB
- RAB Calculations
- The Understanding of AHSP
- Perform Unite Price Analysis
- Make a Job List
- Quantity Take Off
- Make Unit Price From AHSP
- RAB Calculation
- S Curve Production



## Kursus ini disarankan untuk kamu:

- Mahasiswa Teknik Sipil, siswa SMK, Dll
- Yang sedang mengambil proyek / penelitian
- Kontraktor maupun konsultan
- Staff PU
- Freelance