

ABSTRAK

Nama : Sandro Febri Iwansyah

Progam Studi : S1 Teknik Sipil

Judul : Analisis Kriteria Penentuan Pemenang Tender Pekerjaan Pemeliharaan Jalan Tol Berdasarkan Peraturan Presiden Nomor 46 Tahun 2025
Studi Kasus: Tender *Upgrading* Pagar Pengaman Jalan (*Guardrail*) Ruas Tol BSD–Serpong Pada BUJT PT XYZ

Penelitian ini bertujuan mengidentifikasi faktor dominan dalam penentuan pemenang tender pengadaan barang dan jasa pada pekerjaan upgrading pagar pengaman jalan (*guardrail*) di Ruas Tol BSD–Serpong oleh BUJT PT XYZ. Evaluasi dilakukan menggunakan dua metode, yaitu Metode Sistem Nilai sesuai Peraturan Presiden Nomor 46 Tahun 2025 dan Metode *Form scoring* yang berlaku di BUJT PT XYZ. Penelitian menggunakan pendekatan deskriptif kuantitatif dengan analisis numerik terhadap enam peserta tender berdasarkan kriteria harga, metode kerja, pengalaman, personel, dan HSE Plan.

Hasil penelitian menunjukkan lima peserta memenuhi persyaratan administrasi, sedangkan PT FFF dinyatakan tidak layak. Evaluasi teknis dengan Metode Sistem Nilai menempatkan PT CCC sebagai peserta dengan nilai tertinggi sebesar 68,53, sedangkan Metode *Form scoring* menempatkan PT AAA dengan nilai tertinggi sebesar 69,05. Perbedaan hasil dipengaruhi oleh perbedaan bobot penilaian yang digunakan.

Kata kunci: Tender konstruksi, Metode evaluasi, Sistem nilai, *Form scoring*, *Guardrail*, Jalan tol

ABSTRACT

Name : Sandro Febri Iwansyah

Study Program : Bachelor of Civil Engineering

Thesis Title : Analysis of Criteria for Determining the Winning Bid in Toll Road Maintenance Projects Based on Presidential Regulation No. 46 of 2025

Case Study: Guardrail Upgrading Tender on the BSD–Serpong Toll Road by BUJT PT XYZ

This study aims to identify the dominant factors in determining the winning bidder for the procurement of goods and services in the upgrading of road safety barriers (guardrails) on the BSD–Serpong Toll Road by BUJT PT XYZ. The evaluation was conducted using two methods: the Scoring System in accordance with Presidential Regulation No. 46 of 2025 and the Scoring Form method applied by BUJT PT XYZ. The research employed a descriptive quantitative approach with numerical analysis of six bidders based on price, work method, company experience, personnel readiness, and Health, Safety, and Environment (HSE) Plan.

The results show that five bidders met the administrative requirements, while PT FFF was deemed ineligible. The technical evaluation using the Scoring System placed PT CCC as the highest scorer at 68.53, while the Scoring Form method ranked PT AAA highest at 69.05. Variations influenced differences in outcomes in assessment weightings.

Keywords: construction tender, evaluation methods, scoring system, scoring form, guardrail, toll road