BAB V
KESIMPULAN DAN SARAN

5.1 Kesimpulan

Dari hasil penelitian "Mitigasi Waste Material Pada Proyek Konstruksi Bangunan Gedung Universitas Jambi" dapat ditarik kesimpulan :

a. Dari Delapan material yang menjadi variabel penelitian material yang dominan adalah Material Konstruksi **Hebel/Bata Ringan** menempati posisi teratas dengan nilai rata-rata 4,78. Sedangkan diposisi kedua **Tiang Pancang** dengan nilai rata-rata 4,14. Disusul Waste material **Besi dan kayu bekisting**.
b. Pada penelitian penyebab terjadinya waste material, terdapat Tujuh Belas penyebab yang peneliti himpun dari literatur. Untuk penyebab paling utama responden menilai adalah **Tempat material yang tidak tepat** menempati posisi teratas dengan nilai rata-rata 4,32 yang masuk dalam nilai sering. Sedangkan diposisi selanjutnya **Kurangnya pengawasan/kontrol material di lokasi proyek** dengan nilai rata-rata 4,18 dan faktor **perencana yang kurang kompeten** 4,12.
c. Untuk mitigasi waste material yang paling efektif berdasarkan Analisis SWOT diperoleh bahwa dengan mengoptimalkan kekuatan dan peluang serta menghadapi hambatan serta ancaman dengan strategi yang tepat, kontraktor dapat berhasil dalam mitigasi waste material. Dengan memadukan kekuatan kontraktor dan peluang yang ada, mitigasi waste material dapat dilakukan secara efektif. Realisasi SOP yang terstandarisasi, investasi dalam pelatihan, kondisi finansial yang baik, kolaborasi dengan ahli, dan mewujudkan Komitmen mencegah pencemaran lingkungan dengan mengalokasikan sebagian keuntungan perusahaan atau CSR untuk pelestarian lingkungan hidup akan membantu mencapai tujuan mitigasi waste yang lebih baik.

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5.2 Saran

Peneliti menyadari bahwa penelitian " Mitigasi Waste Material pada Proyek Konstruksi Bangunan Gedung Universitas Jambi" ini masih jauh dari kata sempurna, oleh sebab itu diperlukan penelitian lebih lanjut mengenai pengendalian waste material ini. Adapun saran untuk penelitian selanjutnya adalah :

a. Data pada penelitian ini hanya berfokus pada pekerjaan struktur bangunan gedung saja dikarenakan pada saat penelitian berlangsung pekerjaan arsitektur belum dimulai. Sehingga pada pekerjaan arsitektur perlu juga diadakan penelitian mengenai mitigasi waste material karena waste material merupakan isu kritis dalam industri konstruksi yang memiliki dampak besar, tidak hanya pada aspek lingkungan, tetapi juga ekonomi dan sosial.
b. Bagi kontraktor serta pelaksana Proyek Konstruksi Gedung Kampus Universitas Jambi diharapkan dapat, mengurangi waste material konstruksi, karena ini langkah penting untuk meningkatkan efisiensi proyek, menghemat biaya, dan mendukung praktik berkelanjutan. Kontraktor dapat mengurangi pemborosan dan meningkatkan efisiensi dalam penggunaan material dalam proyek konstruksi dengan Perencanaan yang Matang, Pengelolaan Material, Pemilihan Material yang Tepat, Pengawasan yang Ketat, serta Pelatihan Pekerja mengenai penanganan material yang tepat, serta menerapkan prinsip-prinsip lean construction yang berfokus pada mengurangi pemborosan di seluruh proses konstruksi.

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