

DAFTAR ISI

| | |
|---|------|
| HALAMAN JUDUL | i |
| ABSTRAK | ii |
| ABSTRACT | iii |
| HALAMAN PENGESAHAN | iv |
| LEMBAR PED. PENGGUNAAN DAN PERNYATAAN KEASLIAN | v |
| KATA PENGANTAR | vi |
| DAFTAR ISI | viii |
| DAFTAR GAMBAR | xi |
| DAFTAR TABEL | xii |
| BAB I PENDAHULUAN | 1 |
| I.1 Latar Belakang | 1 |
| I.2 Rumusan Masalah | 4 |
| I.3 Tujuan Penelitian | 4 |
| I.4 Manfaat Penelitian | 5 |
| I.5 Batasan Penelitian | 5 |
| I.6 Sistematika Penulisan | 5 |
| I.7 Kerangka Pemikiran | 7 |
| BAB II TINJAUAN PUSTAKA | 8 |
| II.1 Definisi Proyek Konstruksi | 8 |
| II.1.1 Jenis-Jenis Proyek Konstruksi | 10 |
| II.1.2 Unsur-Unsur Pelaksana Proyek Konstruksi | 11 |
| II.2 Kinerja Mutu Pada proyek Konstruksi | 12 |
| II.2.1 Definisi Mutu | 13 |
| II.2.2 Klasifikasi Mutu | 14 |
| II.2.3 Faktor-Faktor Yang Mempengaruhi Mutu | 15 |
| II.3 Biaya Mutu | 16 |
| II.3.1 Jenis Biaya Mutu | 17 |
| II.3.2 Distribusi Optimal Biaya Mutu | 18 |
| II.3.3 Efektivitas Biaya Mutu | 20 |
| II.4 <i>Quality Supervisor</i> (QSpv) | 20 |

| | |
|---|----|
| II.5 Lingkup Pekerjaan <i>Quality Supervisor</i> (QSpv)..... | 25 |
| II.5.1 Pengendalian Kualitas/Mutu (<i>Quality Control</i>) | 26 |
| II.5.2 Pengendalian Biaya (<i>Cost Control</i>)..... | 30 |
| II.5.3 Pengendalian Material (<i>Material Control</i>)..... | 32 |
| II.5.4 Pengendalian Pelaksanaan (<i>Process Control</i>)..... | 35 |
| II.5.5 Pengendalian Tenaga Kerja (<i>Man Control</i>)..... | 36 |
| II.5.6 Pengendalian Keselamatan dan Lingkungan (<i>Safety and Environment Control</i>)..... | 38 |
| II.5.7 Pengendalian Waktu (<i>Time Control</i>)..... | 39 |
| II.5.8 Pengendalian Mesin (<i>Machine Control</i>)..... | 41 |
| II.5.9 Pengendalian Alat-Alat Kerja (<i>Working Tools Control</i>)..... | 44 |
| BAB III METODE PENELITIAN | 47 |
| III.1 Desain Penelitian..... | 47 |
| III.2 Lokasi Penelitian | 48 |
| III.3 Data Teknis Proyek | 49 |
| III.4 Populasi dan Sampel Penelitian | 52 |
| III.5 Teknik Pengumpulan Data | 52 |
| III.5.1 Data Primer | 53 |
| III.5.2 Data Sekunder | 53 |
| III.6 Instrumen Penelitian..... | 53 |
| III.6.1 Skala Pengukuran Instrumen Penelitian..... | 53 |
| III.6.2 Validitas Isi Instrumen Penelitian | 54 |
| III.7 Faktor dan Variabel Penelitian..... | 55 |
| III.8 Metode Analisis..... | 60 |
| III.8.1 Uji Validitas | 60 |
| III.8.2 Uji Reliabilitas..... | 61 |
| III.8.3 Analisis Karakteristik Responden | 62 |
| III.8.4 Analisis <i>Relative Importance Index</i> (RII) | 62 |
| III.8.5 Diagram Alir (<i>Flowchart</i>) Penelitian | 64 |
| BAB IV ANALISIS PENELITIAN | 65 |
| IV.1 Uji Instrumen Data..... | 65 |
| IV.1.1 Validitas | 65 |

| | |
|---|----|
| IV.1.2 Reliabilitas | 70 |
| IV.2 Karakteristik Responden | 71 |
| IV.2.1 Karakteristik Responden Berdasarkan Jenis Kelamin | 72 |
| IV.2.2. Karakteristik Responden Berdasarkan Kelompok Usia..... | 72 |
| IV.2.3 Karakteristik Responden Berdasarkan Pengalaman Kerja..... | 72 |
| IV.2.4 Karakteristik Responden Berdasarkan Pendidikan Terakhir .. | 73 |
| IV.2.5 Karakteristik Responden Berdasarkan Bidang Keahlian | 74 |
| IV.3 <i>Relative Importance Index</i> (RII) | 74 |
| IV.4 Pembahasan..... | 77 |
| BAB V PENUTUP | 83 |
| V.1 Kesimpulan..... | 83 |
| V.2 Saran..... | 84 |
| DAFTAR PUSTAKA | 85 |
| LAMPIRAN | 89 |

DAFTAR GAMBAR

| | |
|--|----|
| Gambar I.1 Kerangka pemikiran..... | 7 |
| Gambar II.1 Grafik biaya mutu tradisional | 19 |
| Gambar II.2 Grafik biaya kerusakan nol..... | 19 |
| Gambar II.3 <i>Bathub curve</i> | 43 |
| Gambar III.1 Proses penelitian..... | 47 |
| Gambar III.2 Peta lokasi penelitian..... | 48 |
| Gambar III.3 Ilustrasi gedung Verde II Condominium Kuningan Jakarta..... | 49 |
| Gambar III.4 Struktur organisasi proyek Verde II Condominium Kuningan Jakarta | 50 |
| Gambar III.5 Metode analisis penelitian | 60 |
| Gambar III.6 Diagram alir penelitian..... | 64 |
| Gambar IV.1 Uji reliabilitas..... | 70 |
| Gambar IV.2 Diagram karakteristik responden berdasarkan kelompok usia | 72 |
| Gambar IV.3 Diagram karakteristik responden berdasarkan pengalaman kerja... | 73 |
| Gambar IV.4 Diagram karakteristik responden berdasarkan pendidikan terakhir | 73 |
| Gambar IV.5 Diagram karakteristik responden berdasarkan bidang keahlian | 74 |

DAFTAR TABEL

| | |
|--|----|
| Tabel III.1 Skala kuesioner | 54 |
| Tabel III.2 Responden pakar (<i>expert</i>) | 54 |
| Tabel III.3 Faktor dan variabel peneltian | 55 |
| Tabel IV.1 Uji validitas..... | 65 |
| Tabel IV.2 Persentase karakteristik responden | 71 |
| Tabel IV.3 Hasil analisis <i>relative importance index</i> | 74 |
| Tabel IV.4 Faktor-faktor prioritas fungsi pengawasan <i>Quality Supervisor</i> | 77 |
| Tabel IV.5 Kondisi eksisting vs kondisi ideal | 82 |