BAB XII

KESIMPULAN

PT. Stirena Kimia Sejahtera adalah perusahaan yang bergerak di bidang industri manufaktur bahan kimia dengan produk utama berupa monomer stirena. PT. Stirena Kimia Sejahtera memiliki kapasitas produksi sebesar 226.000 ton/tahun dan menggunakan bahan baku utama berupa tandan kosong kelapa sawit (TKKS) sebesar 174.240 ton/tahun dan toluena sebesar 200.269 ton/tahun. PT. Stirena Kimia Sejahtera direncanakan akan mulai beroperasi pada 2030 dengan lokasi pabrik pada Jalan Pinisi, Kelurahan Sei Lais, Kecamatan Kalidoni, Kota Palembang, Sumatra Selatan, Indonesia dengan luas wilayah sebesar 113.138 m^2. Perusahaan ini direncanakan akan memiliki tenaga kerja sebanyak 500 orang Pabrik ini beroperasi secara kontinyu dengan pendukung operasional berupa:

Air		
Air sanitasi	:	12,1 m^3/hari
Air proses	:	411,3462 m^3/hari
Penukar Panas		
Air pendingin	:	836,2202 m^3/hari
Dowtherm G	:	25,2865 ton/tahun
Coal	:	13.684,5185 ton/tahun
Listrik	:	8.585,3412 kW

Pabrik stirena yang direncanakan juga dinilai layak untuk didirikan ditinjau dari analisa ekonomi dengan keterangan sebagai berikut:

Fixed Capital Investment	:	Rp. 1.885.221.883.164
Working Capital Investment	:	Rp. 213.481.515.737
Total Production Cost	:	Rp. 3.928.823.284.231
Penjualan per tahun	:	Rp. 7.802.872.201.240,56
Rate of Return	:	35,71% (sebelum pajak)
		28,37% (sesudah pajak)

Rate of Equity	:	64,60% (sebelum pajak)
		49,68% (sesudah pajak)
Pay Out Time	:	4 tahun 1 bulan 18 hari (sebelum pajak)
		5 tahun 4 bulan 9 hari (setelah pajak)
Break Even Point	:	46,67%

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