

## Lampiran 1. Kurs Mata Uang Rupiah Terhadap Dollar

11155.00	10155.00	1 May 2009	
1.00	11.213	10.213	30-Apr-09
1.00	11.359	10.359	29-Apr-09
1.00	11.340	10.340	28-Apr-09
1.00	11.330	10.330	27-Apr-09
1.00	11.318	10.318	24-Apr-09
1.00	11.440	10.440	23-Apr-09
1.00	11.338	10.338	22-Apr-09
1.00	11.350	10.350	21-Apr-09
1.00	11.250	10.250	20-Apr-09
1.00	11.200	10.200	17-Apr-09
1.00	11.195	10.195	16-Apr-09
1.00	11.380	10.380	15-Apr-09
1.00	11.481	10.481	14-Apr-09
1.00	11.625	10.625	13-Apr-09
1.00	11.880	10.880	08-Apr-09
1.00	11.880	10.880	07-Apr-09
1.00	11.845	10.845	06-Apr-09
1.00	11.897	10.897	03-Apr-09
1.00	12.061	11.061	02-Apr-09
1.00	12.120	11.120	01-Apr-09
1.00	12.075	11.075	31-Mar-09
1.00	12.030	11.030	30-Mar-09
1.00	11.995	10.995	27-Mar-09
1.00	12.030	11.030	25-Mar-09
1.00	11.935	10.935	24-Mar-09
1.00	12.260	11.260	23-Mar-09
1.00	12.333	11.333	20-Mar-09
1.00	12.400	11.400	19-Mar-09
1.00	12.479	11.479	18-Mar-09
1.00	12.458	11.458	17-Mar-09
1.00	12.480	11.480	16-Mar-09
1.00	12.490	11.490	13-Mar-09
1.00	12.480	11.480	12-Mar-09
1.00	12.340	11.340	11-Mar-09
1.00	12.540	11.540	10-Mar-09
1.00	12.565	11.565	06-Mar-09
1.00	12.525	11.525	05-Mar-09
1.00	12.533	11.533	04-Mar-09
1.00	12.520	11.520	03-Mar-09
1.00	12.523	11.523	02-Mar-09
1.00	12.480	11.480	27-Feb-09
1.00	12.475	11.475	26-Feb-09
1.00	12.435	11.435	25-Feb-09
1.00	12.438	11.438	24-Feb-09
1.00	12.450	11.450	23-Feb-09
1.00	12.488	11.488	20-Feb-09
1.00	12.475	11.475	19-Feb-09
1.00	12.425	11.425	18-Feb-09
1.00	12.400	11.400	17-Feb-09
1.00	12.371	11.371	16-Feb-09
1.00	12.285	11.285	13-Feb-09


1.00	12.366	11.366	12-Feb-09	11.866
1.00	12.350	11.350	11-Feb-09	11.850
1.00	12.275	11.275	10-Feb-09	11.775
1.00	12.200	11.200	09-Feb-09	11.700
1.00	12.250	11.250	06-Feb-09	11.750
1.00	12.288	11.288	05-Feb-09	11.788
1.00	12.185	11.185	04-Feb-09	11.685
1.00	12.219	11.219	03-Feb-09	11.719
1.00	12.200	11.200	02-Feb-09	11.700
1.00	11.855	10.855	30-Jan-09	11.355
1.00	11.830	10.830	29-Jan-09	11.330
1.00	11.851	10.851	28-Jan-09	11.351
1.00	11.775	10.775	27-Jan-09	11.275
1.00	11.803	10.803	23-Jan-09	11.303
1.00	11.711	10.711	22-Jan-09	11.211
1.00	11.735	10.735	21-Jan-09	11.235
1.00	11.730	10.730	20-Jan-09	11.230
1.00	11.663	10.663	19-Jan-09	11.163
1.00	11.669	10.669	16-Jan-09	11.169
1.00	11.693	10.693	15-Jan-09	11.193
1.00	11.668	10.668	14-Jan-09	11.168
1.00	11.721	10.721	13-Jan-09	11.221
1.00	11.620	10.620	12-Jan-09	11.120
1.00	11.550	10.550	09-Jan-09	11.050
1.00	11.440	10.440	08-Jan-09	10.940
1.00	11.363	10.363	07-Jan-09	10.863
1.00	11.550	10.550	06-Jan-09	11.050
1.00	11.450	10.450	05-Jan-09	10.950

906.275

11.472

Kurs  
Dollar**12.000**

## Lampiran 2. Laporan Keuangan

 <b>PT PERKEBUNAN NUSANTARA III (PERSERO) DAN ANAK PERUSAHAAN</b>			Alamat : Jl. Sei Batang Hari No. 2 Medan, 20122 Sumatera Utara Telp. (061) - 845100, (061) - 8452344 Fax. (061) - 845177 E-mail : ptpn3@indosat.net.id Website : www.ptpn3.com					
<b>NERACA KONSOLIDASI</b> <b>31 DESEMBER 2008</b> (Dengan Angka Perbandingan 31 Desember 2007) (Dinyatakan dalam Rupiah, kecuali dinyatakan lain)			<b>LAPORAN LABA RUGI KONSOLIDASI</b> <b>Untuk Tahun Yang Berakhir Pada Tanggal 31 Desember 2008</b> (Dengan Angka Perbandingan Untuk Tahun 2007) (Dinyatakan dalam Rupiah, kecuali dinyatakan lain)					
ASET	2008	2007	KEWAJIBAN DAN EKUITAS	2008	2007	URAIAN	2008	2007
<b>ASET LANCAR</b>			<b>KEWAJIBAN LANCAR</b>			<b>PENJUALAN BERSIH</b>	<b>4,680,622,592,076</b>	<b>3,969,108,969,859</b>
Kas dan setara kas	800,755,698,663	552,087,704,024	Hutang usaha			<b>BEBAN POKOK PENJUALAN</b>	<b>2,519,433,991,531</b>	<b>2,189,737,541,374</b>
Deposito berjangka	226,600,825	200,437,736	- Pihak hubungan istimewa	2,854,617,658	2,979,838,768	<b>LABA KOTOR</b>	<b>2,161,189,500,545</b>	<b>1,779,371,128,485</b>
Piutang usaha pihak ketiga			- Pihak ketiga	267,369,900,529	111,649,743,640	<b>BEBAN USAHA</b>		
setelah dikurangi penyisihan piutang ragu-ragu sebesar Rp.25.162.249.433,-	46,653,002,638	81,810,615,135	Hutang kontraktor	172,212,342,044	136,728,120,162	Pemasaran dan penjualan	95,740,720,062	79,504,612,496
Piutang lain-lain			Hutang pajak	119,745,030,061	96,002,176,306	Umum dan administratif	894,357,624,332	834,034,944,015
setelah dikurangi penyisihan piutang ragu-ragu sebesar Rp.4.701.116.833,- (2007 : Rp.3.911.989.479,-)	22,019,548,059	34,520,133,458	Hutang lain-lain	58,954,513,568	32,513,856,112	<b>Jumlah Beban Usaha</b>	<b>980,098,653,394</b>	<b>713,539,556,511</b>
Persediaan			Biaya masih harus dibayar	371,915,456,805	313,682,605,818	<b>LABA USAHA</b>	<b>1,201,090,847,151</b>	<b>1,065,831,571,974</b>
setelah dikurangi penyisihan persediaan utang sebesar Rp.6.555.972.504,-	305,967,232,523	139,056,217,944	Pendapatan diterima dimuka	53,681,459,592	29,423,747,224	<b>PENGHASILAN (BEBAN) LAIN-LAIN</b>		
Pajak dibayar dimuka	18,487,777,648	14,164,618,538	Hutang jangka panjang			Pendapatan bunga	50,616,334,690	5,950,030,602
Biaya dibayar dimuka	8,973,837,577	8,437,107,460	- Pinjaman jangka panjang	55,000,000,000	26,220,212,139	Keuntungan kurs mata uang asing - bersih	27,859,348,467	4,776,545,861
Aset lancar lainnya	32,711,898	3,910,517,561	- Hutang obligasi	90,000,000,000	-	Beban bunga	(44,749,782,903)	(53,296,729,014)
<b>Jumlah Aset Lancar</b>	<b>1,203,137,316,861</b>	<b>834,187,351,856</b>	<b>Jumlah Kewajiban Lancar</b>	<b>1,191,743,320,267</b>	<b>746,197,302,198</b>	Beban program kepedulian sosial	(357,048,319)	(1,176,144,500)
<b>ASET TIDAK LANCAR</b>			<b>KEWAJIBAN TIDAK LANCAR</b>			Beban denda pajak	-	(5,279,022,087)
Aset Pajak Tangguhan	5,064,401,679	2,700,523,295	Hutang pihak hubungan istimewa	6,753,789,985	7,005,348,913	Lain-lain - bersih	(22,258,969,648)	(17,446,066,561)
Piutang pihak hubungan istimewa			Hutang jangka panjang setelah dikurangi bagian jatuh tempo satu tahun			<b>Jumlah Penghasilan (Beban) Lain-lain - Bersih</b>	<b>11,109,882,287</b>	<b>(66,464,385,690)</b>
setelah dikurangi penyisihan piutang ragu-ragu sebesar Rp.1007.182.631.091,-)	18,601,978,222	19,302,846,588	- Pinjaman jangka panjang	278,187,540,323	393,187,540,323	<b>BAGIAN LABA BERSIH PERUSAHAAN ASOSIASI</b>	<b>11,042,072,851</b>	<b>16,780,852,509</b>
Investasi saham			- Hutang obligasi	184,207,899,202	273,050,989,269	<b>LABA SEBELUM PAJAK PENGHASILAN</b>	<b>1,223,242,802,289</b>	<b>1,016,148,038,785</b>
setelah dikurangi penyisihan penurunan nilai investasi sebesar Rp.1007.781.000.000,-)	95,621,400,202	89,898,971,693	Hutang Medium Term Notes	400,000,000,000	400,000,000,000	<b>BEBAN (MANFAAT) PAJAK</b>		
Tanaman Perkebunan			Kewajiban Imbalan Kerja	384,984,046,411	217,782,252,015	Pajak Kini	386,677,226,700	269,785,271,000
Tanaman telah menghasilkan			Kewajiban Pajak Tangguhan	68,253,872,090	74,042,702,165	Pajak Tangguhan	(8,152,708,709)	24,415,127,911
Rp.347.266.571.267,-(2007 : Rp.299.846.866.602,-)	1,137,173,554,332	837,961,160,293	<b>Jumlah Kewajiban Tidak Lancar</b>	<b>1,322,387,118,611</b>	<b>1,305,068,832,705</b>	<b>Beban Pajak - Bersih</b>	<b>378,524,519,991</b>	<b>314,200,398,911</b>
Tanaman belum menghasilkan			<b>HAK MINORITAS</b>	<b>6,838,105,302</b>	<b>6,838,143,858</b>	<b>LABA SEBELUM HAK MINORITAS</b>	<b>844,718,282,298</b>	<b>701,947,639,874</b>
Aset tetap			<b>EKUITAS</b>			<b>HAK MINORITAS</b>	<b>38,555</b>	<b>169,902</b>
setelah dikurangi akumulasi penyusutan sebesar Rp.600.148.498.365,-(2007 : Rp.558.384.984.142,-)	838,902,018,439	671,999,457,165	Modal Saham - nilai nominal Rp.1.000.000 per saham			<b>LABA BERSIH</b>	<b>844,718,320,853</b>	<b>701,947,809,776</b>
Belanja Tangguhan			Modal Dasar - 1.200.000 saham	315,000,000,000	315,000,000,000	<b>LABA BERSIH PER SAHAM DASAR</b>	<b>2,861,645</b>	<b>2,228,406</b>
setelah dikurangi akumulasi amortisasi sebesar Rp.26.396.130.815,-(2007 : Rp.34.456.614.932,-)	101,588,947,621	105,958,259,174	Modal ditempatkan dan disetor penuh - 315.000 saham					
Aset lain-lain			Selisih nilai transaksi restrukturisasi entitas sepengendali	(23,158,388,652)	(23,158,388,652)			
setelah dikurangi penyisihan penurunan nilai aset sebesar Rp.215.258.588.094 (2007 : Rp.167.348.168.452,-)	29,007,134,035	25,494,981,747	Selisih transaksi perubahan ekuitas anak perusahaan	263,408,971	263,408,971			
<b>Jumlah Aset Tidak Lancar</b>	<b>3,843,720,798,837</b>	<b>3,129,291,709,120</b>	Saldo Laba	1,301,402,962,222	879,331,992,212			
<b>JUMLAH ASET</b>	<b>5,046,858,087,638</b>	<b>3,963,389,060,976</b>	Belum Ditetapkan Penggunaannya	912,291,561,527	730,847,769,684			
			<b>JUMLAH EKUITAS</b>	<b>2,525,889,544,066</b>	<b>1,902,284,782,215</b>			
			<b>JUMLAH KEWAJIBAN DAN EKUITAS</b>	<b>5,046,858,087,638</b>	<b>3,963,389,060,976</b>			

## Lampiran 2. (Lanjutan)

LAPORAN PERUBAHAN EKUITAS KONSOLIDASI Untuk Tahun Yang Berakhir Pada Tanggal 31 Desember 2008 (Dengan Angka Perbandingan Untuk Tahun 2007) (Dinyatakan dalam Rupiah, kecuali dinyatakan lain)							
	Modal Saham	Selisih nilai transaksi restrukturisasi entitas sependendial	Selisih transaksi perubahan ekuitas anak perusahaan	Selisih penilaian kembali aset tetap	Saldo Laba		Jumlah Ekuitas
					Ditentukan Penggunaannya	Belum ditentukan Penggunaannya	
Saldo per 1 Januari 2007	315,000,000,000	(23,158,388,852)	283,408,971	28,899,959,908	678,983,064,581	293,853,308,631	1,201,841,353,439
Labanya bersih tahun berjalan	-	-	-	-	-	701,947,809,778	701,947,809,778
Dividen	-	-	-	-	-	(72,622,526,000)	(72,622,526,000)
Tanah Direksi dan Komisaris	-	-	-	-	-	(4,357,350,000)	(4,357,350,000)
Program Kemitraan dan Bina Lingkungan	-	-	-	-	-	(14,524,505,000)	(14,524,505,000)
Cadangan Umum	-	-	-	-	202,348,027,831	(202,348,027,831)	-
Reklasifikasi selisih penilaian kembali aset tetap ke saldo laba yang belum ditentukan penggunaannya	-	-	-	(28,899,959,908)	-	28,899,959,908	-
Saldo per 31 Desember 2007	315,000,000,000	(23,158,388,852)	283,408,971	-	879,331,992,212	730,847,769,884	1,902,284,782,215
Labanya bersih tahun berjalan	-	-	-	-	-	844,718,320,853	844,718,320,853
Dividen	-	-	-	-	-	(175,486,952,000)	(175,486,952,000)
Tanah Direksi dan Komisaris	-	-	-	-	-	(10,529,217,000)	(10,529,217,000)
Program Kemitraan	-	-	-	-	-	(7,019,478,000)	(7,019,478,000)
Bina Lingkungan	-	-	-	-	-	(28,077,912,000)	(28,077,912,000)
Cadangan Umum	-	-	-	-	442,160,970,010	(442,160,970,010)	-
Saldo per 31 Desember 2008	315,000,000,000	(23,158,388,852)	283,408,971	-	1,321,402,962,222	912,291,561,527	2,525,889,544,068

Medan, 27 Maret 2009  
PT. Perkebunan Nusantara III (Persero)

S.E & O  
DIREKSI

**KOMISARIS :**  
Komisaris Utama : Achmad Mangga Barani  
Komisaris : Deddy Suwardy  
Komisaris : S. Maibun  
Komisaris : S. Herry Sucipto  
Komisaris : Herman Hidayat  
Komisaris : Heri Sebayang

**DIREKSI :**  
Direktur Utama : Ir. H. Amri Siregar  
Direktur Produksi : Ir. H. Amal Bakti Fulungan, MM  
Direktur Keuangan : Drs. Johannes Sitepu, Ak  
Direktur SDM/Umum : H.M. Rachmat Prawirakusumah, SE, MM, CRMP  
Direktur Perencanaan dan Pengembangan : DR. Ir. H. Chalul Muluk

Pemegang Saham 100% Pemerintah Republik Indonesia

Informasi keuangan diatas untuk tahun yang berakhir pada tanggal 31 Desember 2008 diambil dari Laporan Keuangan Konsolidasi yang telah diaudit oleh Kantor Akuntan Publik Kosasih & Nurdjayan (member of Geneva Group International) sedangkan untuk tahun yang berakhir pada tanggal 31 Desember 2007 diambil dari Laporan Keuangan Konsolidasi dari Kantor Akuntan Publik Ilya Avianti & Rekan yang masing-masing telah memberikan pendapat wajar tanpa pengecualian. Informasi tertentu seperti Laporan Arus Kas Konsolidasi serta Catatan atas Laporan Keuangan Konsolidasi tahun 2008 dan 2007 tidak termasuk dalam Informasi yang disajikan diatas.

## Lampiran 3. Kemampuan Finansial Perusahaan

## Lampiran 3.1. Perhitungan Modal Kerja

III. MODAL KERJA			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
	days									
1	Account Receivable	45 product	55.605.993.750,00	57.830.233.500,00	60.143.442.840,00	62.549.180.553,60	65.051.147.775,74	67.653.193.686,77	70.359.321.434,24	73.173.694.291,61
2	Inventory	10 product	12.356.887.500,00	12.851.163.000,00	13.365.209.520,00	13.899.817.900,80	14.455.810.616,83	15.034.043.041,51	15.635.404.763,17	16.260.820.953,69
		10 raw mat.	9.975.000.000,00	10.374.000.000,00	10.788.960.000,00	11.220.518.400,00	11.669.339.136,00	12.136.112.701,44	12.621.557.209,50	13.126.419.497,88
2	Inventory	10 product+raw mat.	22.331.887.500,00	23.225.163.000,00	24.154.169.520,00	25.120.336.300,80	26.125.149.752,83	27.170.155.742,95	28.256.961.972,66	29.387.240.451,57
3	Account Payable	45 raw mat.	(44.887.500.000,00)	(46.683.000.000,00)	(48.550.320.000,00)	(50.492.332.800,00)	(52.512.026.112,00)	(54.612.507.156,48)	(56.797.007.442,74)	(59.068.887.740,45)
Working Capital			<b>33.050.381.250,00</b>	<b>34.372.396.500,00</b>	<b>35.747.292.360,00</b>	<b>37.177.184.054,40</b>	<b>38.664.271.416,58</b>	<b>40.210.842.273,24</b>	<b>41.819.275.964,17</b>	<b>43.492.047.002,74</b>

## Lampiran 3.1. (Lanjutan)

			Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
	days								
1	Account Receivable	45 product	76.100.642.063,28	79.144.667.745,81	82.310.454.455,64	85.602.872.633,87	89.026.987.539,22	92.588.067.040,79	96.291.589.722,42
2	Inventory	10 product	16.911.253.791,84	17.587.703.943,51	18.291.212.101,25	19.022.860.585,30	19.783.775.008,72	20.575.126.009,06	21.398.131.049,43
		10 raw mat.	13.651.476.277,79	14.197.535.328,90	14.765.436.742,06	15.356.054.211,74	15.970.296.380,21	16.609.108.235,42	17.273.472.564,84
2	Inventory	10 product+raw mat.	30.562.730.069,63	31.785.239.272,42	33.056.648.843,31	34.378.914.797,05	35.754.071.388,93	37.184.234.244,49	38.671.603.614,27
3	Account Payable	45 raw mat.	(61.431.643.250,07)	(63.888.908.980,07)	(66.444.465.339,27)	(69.102.243.952,84)	(71.866.333.710,96)	(74.740.987.059,40)	(77.730.626.541,77)
Working Capital			<b>45.231.728.882,84</b>	<b>47.040.998.038,16</b>	<b>48.922.637.959,68</b>	<b>50.879.543.478,07</b>	<b>52.914.725.217,20</b>	<b>55.031.314.225,88</b>	<b>57.232.566.794,92</b>

## Lampiran 3.2. Perhitungan Depresiasi

## IV. DEPRESIASI

Aktiva Tetap				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	
1	Bangunan Pabrik	20	tahun	12.116.233.444,06	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20
2	Peralatan Processing Station	20	tahun	91.518.813.336,28	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81
3	Bangunan Perumahan	20	tahun	6.687.158.100,24	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01
<b>110.322.204.880,58</b>				<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	

## Lampiran 3.2. (Lanjutan)

				Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
1	Bangunan Pabrik	20	tahun	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20	605.811.672,20
2	Peralatan Processing Station	20	tahun	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81	4.575.940.666,81
3	Bangunan Perumahan	20	tahun	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01	334.357.905,01
				<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>	<b>5.516.110.244,03</b>

## Lampiran 3.3. Perhitungan Biaya Produksi

**V. PRODUCTION COST**

				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
<b>1</b>	<b>Variable Cost</b>										
	<b>AVERAGE PRODUCTION CAPACITY</b>			100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
-	Raw Material										
	Pemakaian TBS per tahun	256.500	Ton TBS	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00
	Sub Total Raw Material	1.400.000	IDR/ton TBS	359.100.000.000,00	373.464.000.000,00	388.402.560.000,00	403.938.662.400,00	420.096.208.896,00	436.900.057.251,84	454.376.059.541,91	472.551.101.923,59
-	Utilities Cost										
		<u>Qty</u>	<u>Unit</u>	<u>Harga</u>							
	Listrik	4.050.000	kwh/tahun	700,00	2.835.000.000,00	2.976.750.000,00	3.125.587.500,00	3.281.866.875,00	3.445.960.218,75	3.618.258.229,69	3.799.171.141,17
	Solar	111.600	ltr/tahun	10.418,0	1.162.652.459,02	1.232.411.606,56	1.306.356.302,95	1.384.737.681,13	1.467.821.942,00	1.555.891.258,52	1.649.244.734,03
	Air	1.068.000	m3/tahun	689,3	736.224.852,07	773.036.094,67	811.687.899,41	852.272.294,38	894.885.909,10	939.630.204,55	986.611.714,78
	Pengolahan Limbah	513.000	m3/tahun	-	-	-	-	-	-	-	-
	Pelumas	3.348	ton/tahun	84.016	281.286.885,25	298.164.098,36	316.053.944,26	335.017.180,92	355.118.211,77	376.425.304,48	399.010.822,75
	Sub Total Utilities Cost				5.015.164.196,33	5.280.361.799,59	5.559.685.646,62	5.853.894.031,42	6.163.786.281,62	6.490.204.997,23	6.834.038.412,73
	<b>Total Variable Cost</b>				<b>364.115.164.196,33</b>	<b>378.744.361.799,59</b>	<b>393.962.245.646,62</b>	<b>409.792.556.431,43</b>	<b>426.259.995.177,62</b>	<b>443.390.262.249,08</b>	<b>461.210.097.954,64</b>

## Lampiran 3.3. (Lanjutan)

				Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
<b>1</b>	<b>Variable Cost</b>									
	<b>AVERAGE PRODUCTION CAPACITY</b>			100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
-	Raw Material									
	Pemakaian TBS per tahun	256.500	Ton TBS	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00
	Sub Total Raw Material	1.400.000	IDR/ton TBS	491.453.146.000,53	511.111.271.840,56	531.555.722.714,18	552.817.951.622,75	574.930.669.687,65	597.927.896.475,16	621.845.012.334,17
-	Utilities Cost									
		<u>Qty</u>	<u>Unit</u>	<u>Harga</u>						
	Listrik	4.050.000	kwh/tahun	700,00	4.188.586.183,14	4.398.015.492,30	4.617.916.266,91	4.848.812.080,26	5.091.252.684,27	5.345.815.318,49
	Solar	111.600	ltr/tahun	10.418,0	1.853.091.383,15	1.964.276.866,14	2.082.133.478,11	2.207.061.486,80	2.339.485.176,00	2.479.854.286,56
	Air	1.068.000	m3/tahun	689,3	1.087.739.415,55	1.142.126.386,32	1.199.232.705,64	1.259.194.340,92	1.322.154.057,97	1.388.261.760,86
	Pengolahan Limbah	513.000	m3/tahun	-	-	-	-	-	-	-
	Pelumas	3.348	ton/tahun	84.016	448.328.560,44	475.228.274,07	503.741.970,51	533.966.488,74	566.004.478,07	599.964.746,75
	Sub Total Utilities Cost				7.577.745.542,28	7.979.647.018,83	8.403.024.421,17	8.849.034.396,72	9.318.896.396,31	9.813.896.112,66
	<b>Total Variable Cost</b>				<b>499.030.891.542,81</b>	<b>519.090.918.859,38</b>	<b>539.958.747.135,35</b>	<b>561.666.986.019,46</b>	<b>584.249.566.083,96</b>	<b>607.741.792.587,83</b>

## Lampiran 3.4. Perhitungan Biaya Produksi

V. PRODUCTION COST				Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
<b>Variable Cost</b>											
<b>AVERAGE PRODUCTION CAPACITY</b>				100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
Raw Material											
Pemakaian TBS /tahun	256.500	Ton TBS		256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00
Sub Total Raw Material	1.400.000	IDR/ton TBS		359.100.000.000,00	373.464.000.000,00	388.402.560.000,00	403.938.662.400,00	420.096.208.896,00	436.900.057.251,84	454.376.059.541,91	472.551.101.923,59
<b>Utilities Cost</b>											
	<u>Qty</u>	<u>Unit</u>	<u>Harga</u>								
Listrik	4.050.000	kwh/tahun	700,00	2.835.000.000,00	2.976.750.000,00	3.125.587.500,00	3.281.866.875,00	3.445.960.218,75	3.618.258.229,69	3.799.171.141,17	3.989.129.698,23
Solar	111.600	ltr/tahun	10.418,0	1.162.652.459,02	1.232.411.606,56	1.306.356.302,95	1.384.737.681,13	1.467.821.942,00	1.555.891.258,52	1.649.244.734,03	1.748.199.418,07
Air	1.068.000	m3/tahun	689,3	736.224.852,07	773.036.094,67	811.687.899,41	852.272.294,38	894.885.909,10	939.630.204,55	986.611.714,78	1.035.942.300,52
Pengolahan Limbah	513.000	m3/tahun	-	-	-	-	-	-	-	-	-
Pelumas	3.348	ton/tahun	84.016	281.286.885,25	298.164.098,36	316.053.944,26	335.017.180,92	355.118.211,77	376.425.304,48	399.010.822,75	422.951.472,11
Sub Total Utilities Cost				5.015.164.196,33	5.280.361.799,59	5.559.685.646,62	5.853.894.031,42	6.163.786.281,62	6.490.204.997,23	6.834.038.412,73	7.196.222.888,93
<b>Total Variable Cost</b>				364.115.164.196,33	378.744.361.799,59	393.962.245.646,62	409.792.556.431,43	426.259.995.177,62	443.390.262.249,08	461.210.097.954,64	479.747.324.812,52
<b>Fixed Cost</b>											
<b>Manajemen</b>											
- Asisten Pengolahan	- orang		117.616	-	-	-	-	-	-	-	-
- Asisten Teknis	- orang		132.544	-	-	-	-	-	-	-	-
- Asisten Laboratorium	- orang		132.544	-	-	-	-	-	-	-	-
- Masinis Kepala	- orang		154.704	-	-	-	-	-	-	-	-
- Manager	- orang		217.152	-	-	-	-	-	-	-	-
<b>Tenaga Kerja Langsung</b>											
- Pengolahan	40 orang		36.500.000	1.460.000.000	1.533.000.000	1.609.650.000	1.690.132.500	1.774.639.125	1.863.371.081	1.956.539.635	2.054.366.617
- Maintenance	15 orang		36.500.000	547.500.000	574.875.000	603.618.750	633.799.688	665.489.672	698.764.155	733.702.363	770.387.481
- Laboratorium	15 orang		36.500.000	547.500.000	574.875.000	603.618.750	633.799.688	665.489.672	698.764.155	733.702.363	770.387.481
- Mandor Pengolahan	2 orang		57.600.000	115.200.000	120.960.000	127.008.000	133.358.400	140.026.320	147.027.636	154.379.018	162.097.969
- Karyawan Kantor	4 orang		57.600.000	230.400.000	241.920.000	254.016.000	266.716.800	280.052.640	294.055.272	308.758.036	324.195.937
Sub Total Tenaga Kerja Langsung				2.900.600.000	3.045.630.000	3.197.911.500	3.357.807.075	3.525.697.429	3.701.982.300	3.887.081.415	4.081.435.486
<b>Repair &amp; Maintenance</b>											
- Peralatan	10,0%	Eq cost/Thn		5.448.393.204	5.720.812.864	6.006.853.507	6.307.196.182	6.622.555.991	6.953.683.791	7.301.367.980	7.666.436.379
- Bangunan	2,5%	Bldng cost/Thn		210.158.483	220.666.407	231.699.727	243.284.713	255.448.949	268.221.396	281.632.466	295.714.090
Corp Overhead & Adm	5,0%	Biaya TK		145.030.000	152.281.500	159.895.575	167.890.354	176.284.871	185.099.115	194.354.071	204.071.774
Biaya Asuransi	3,0%	Eq cost/Thn		1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961
Biaya Penjualan	2,5%	Penjualan		11.121.198.750	11.566.046.700	12.028.688.568	12.509.836.111	13.010.229.555	13.530.638.737	14.071.864.287	14.634.738.858
Laboratorium	703.549.704	/tahun		703.549.704	738.727.189	775.663.549	814.446.726	855.169.063	897.927.516	942.823.891	989.965.086
Depresiasi				5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244
Interest for Invest.	16%			-	-	-	-	-	-	-	-
Interest for Work. Cap.	16%			-	-	-	-	-	-	-	-
<b>Total Fixed Cost</b>				27.679.558.345	28.594.792.865	29.551.340.631	30.551.089.366	31.596.014.063	32.688.181.061	33.829.752.316	35.022.989.879
<b>TOTAL PRODUCTION COST</b>				<b>391.794.722.542</b>	<b>407.339.154.664</b>	<b>423.513.586.277</b>	<b>440.343.645.798</b>	<b>457.856.009.241</b>	<b>476.078.443.310</b>	<b>495.039.850.271</b>	<b>514.770.314.691</b>



## Lampiran 3.4. (Lanjutan)

				Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
<b>Variable Cost</b>										
<b>AVERAGE PRODUCTION CAPACITY</b>				100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
Raw Material										
Pemakaian TBS per tahun	256.500	Ton TBS		256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00	256.500,00
Sub Total Raw Material	1.400.000	IDR/ton TBS		491.453.146.000,53	511.111.271.840,56	531.555.722.714,18	552.817.951.622,75	574.930.669.687,65	597.927.896.475,16	621.845.012.334,17
<b>Utilities Cost</b>										
	<u>Qty</u>	<u>Unit</u>	<u>Harga</u>							
Listrik	4.050.000	kwh/tahun	700,00	4.188.586.183,14	4.398.015.492,30	4.617.916.266,91	4.848.812.080,26	5.091.252.684,27	5.345.815.318,49	5.613.106.084,41
Solar	111.600	Ltr/tahun	10.418,0	1.853.091.383,15	1.964.276.866,14	2.082.133.478,11	2.207.061.486,80	2.339.485.176,00	2.479.854.286,56	2.628.645.543,76
Air	1.068.000	M3/tahun	689,3	1.087.739.415,55	1.142.126.386,32	1.199.232.705,64	1.259.194.340,92	1.322.154.057,97	1.388.261.760,86	1.457.674.848,91
Pengolahan Limbah	513.000	M3/tahun	-	-	-	-	-	-	-	-
Pelumas	3.348	ton/tahun	84.016	448.328.560,44	475.228.274,07	503.741.970,51	533.966.488,74	566.004.478,07	599.964.746,75	635.962.631,55
Sub Total Utilities Cost				7.577.745.542,28	7.979.647.018,83	8.403.024.421,17	8.849.034.396,72	9.318.896.396,31	9.813.896.112,66	10.335.389.108,63
<b>Total Variable Cost</b>				499.030.891.542,81	519.090.918.859,38	539.958.747.135,35	561.666.986.019,46	584.249.566.083,96	607.741.792.587,83	632.180.401.442,80
<b>Fixed Cost</b>										
<b>Manajemen</b>										
- Asisten Pengolahan	-	orang	117.616	-	-	-	-	-	-	-
- Asisten Teknis	-	orang	132.544	-	-	-	-	-	-	-
- Asisten Laboratorium	-	orang	132.544	-	-	-	-	-	-	-
- Masinis Kepala	-	orang	154.704	-	-	-	-	-	-	-
- Manager	-	orang	217.152	-	-	-	-	-	-	-
<b>Tenaga Kerja Langsung</b>										
- Pengolahan	40	orang	36.500.000	2.157.084.948	2.264.939.195	2.378.186.155	2.497.095.463	2.621.950.236	2.753.047.748	2.890.700.135
- Maintenance	15	orang	36.500.000	808.906.855	849.352.198	891.819.808	936.410.799	983.231.338	1.032.392.905	1.084.012.551
- Laboratorium	15	orang	36.500.000	808.906.855	849.352.198	891.819.808	936.410.799	983.231.338	1.032.392.905	1.084.012.551
- Mandor Pengolahan	2	orang	57.600.000	170.202.867	178.713.010	187.648.661	197.031.094	206.882.649	217.226.781	228.088.120
- Karyawan Kantor	4	orang	57.600.000	340.405.734	357.426.021	375.297.322	394.062.188	413.765.298	434.453.562	456.176.241
Sub Total Tenaga Kerja Langsung				4.285.507.260	4.499.782.623	4.724.771.754	4.961.010.342	5.209.060.859	5.469.513.902	5.742.989.597
<b>Repair &amp; Maintenance</b>										
- Peralatan	10,0%	Eq cost/Year		8.049.758.198	8.452.246.108	8.874.858.414	9.318.601.334	9.784.531.401	10.273.757.971	10.787.445.870
- Bangunan	2,5%	Bldng cost/Year		310.499.794	326.024.784	342.326.023	359.442.324	377.414.440	396.285.162	416.099.420
Corp Overhead & Adm	5,0%	Biaya TK		214.275.363	224.989.131	236.238.588	248.050.517	260.453.043	273.475.695	287.149.480
Biaya Asuransi	3,0%	Eq cost/Year		1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961	1.634.517.961
Biaya Penjualan	2,5%	Penjualan		15.220.128.413	15.828.933.549	16.462.090.891	17.120.574.527	17.805.397.508	18.517.613.408	19.258.317.944
Laboratorium	703.549.704	/tahun		1.039.463.340	1.091.436.507	1.146.008.333	1.203.308.749	1.263.474.187	1.326.647.896	1.392.980.291
Depresiasi				5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244
Interest for Invest.	16%			-	-	-	-	-	-	-
Interest for Work. Cap.	16%			-	-	-	-	-	-	-
<b>Total Fixed Cost</b>				36.270.260.574	37.574.040.908	38.936.922.208	40.361.615.999	41.850.959.643	43.407.922.240	45.035.610.808
<b>TOTAL PRODUCTION COST</b>				<b>535.301.152.117</b>	<b>556.664.959.768</b>	<b>578.895.669.343</b>	<b>602.028.602.018</b>	<b>626.100.525.727</b>	<b>651.149.714.828</b>	<b>677.216.012.251</b>

## Lampiran 3.5. Perhitungan Income

VI. INCOME			Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
HARGA POKOK PENJUALAN (HPP)										
- Inc Biaya Bahan Baku		6.599.657	4.934.002	5.132.621	5.339.251	5.554.216	5.777.854	6.010.516	6.252.567	6.504.386
- Inc penyusutan		7.021.212	5.267.120	5.476.093	5.693.535	5.919.791	6.155.220	6.400.194	6.655.103	6.920.351
HPP Exc Biaya Bahan Baku										
- Exc Biaya Bahan Baku		155.284	106.416	111.931	117.733	123.838	130.261	137.019	144.130	151.612
- Inc penyusutan		576.839	439.534	455.403	472.018	489.413	507.627	526.697	546.667	567.577
- CPO Production	61.560	Ton CPO/tahun	61.560	61.560	61.560	61.560	61.560	61.560	61.560	61.560
Losses	0,0%		-	-	-	-	-	-	-	-
Total CPO Production			61.560	61.560	61.560	61.560	61.560	61.560	61.560	61.560
- Produksi Inti	12.825	Ton Inti/tahun	12.825	12.825	12.825	12.825	12.825	12.825	12.825	12.825
- Revenue	Harga Jual									
CPO	6.500.000	IDR/ton	400.140.000.000	416.145.600.000	432.791.424.000	450.103.080.960	468.107.204.198	486.831.492.366	506.304.752.061	526.556.942.143
Inti	3.486.000	IDR/ton	44.707.950.000	46.496.268.000	48.356.118.720	50.290.363.469	52.301.978.008	54.394.057.128	56.569.819.413	58.832.612.189
<b>TOTAL REVENUE</b>			<b>444.847.950.000</b>	<b>462.641.868.000</b>	<b>481.147.542.720</b>	<b>500.393.444.429</b>	<b>520.409.182.206</b>	<b>541.225.549.494</b>	<b>562.874.571.474</b>	<b>585.389.554.333</b>

## Lampiran 3.5. (Lanjutan)

			Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
HARGA POKOK PENJUALAN (HPP)									
- Inc Biaya Bahan Baku		6.599.657	6.766.370	7.038.929	7.322.491	7.617.503	7.924.429	8.243.749	8.575.968
- Inc penyusutan		7.021.212	7.196.359	7.483.565	7.782.425	8.093.414	8.417.027	8.753.777	9.104.201
HPP Exc Biaya Bahan Baku									
- Exc Biaya Bahan Baku		155.284	159.484	167.768	176.484	185.656	195.308	205.464	216.151
- Inc penyusutan		576.839	589.474	612.404	636.418	661.567	687.906	715.491	744.384
- CPO Production	61.560	Ton CPO/tahun	61.560	61.560	61.560	61.560	61.560	61.560	61.560
Losses	0,0%		-	-	-	-	-	-	-
Total CPO Production			61.560	61.560	61.560	61.560	61.560	61.560	61.560
- Produksi Inti	12.825	Ton Inti/tahun	12.825	12.825	12.825	12.825	12.825	12.825	12.825
- Revenue	Harga Jual								
CPO	6.500.000	IDR/ton	547.619.219.829	569.523.988.622	592.304.948.167	615.997.146.094	640.637.031.938	666.262.513.215	692.913.013.744
Inti	3.486.000	IDR/ton	61.185.916.677	63.633.353.344	66.178.687.478	68.825.834.977	71.578.868.376	74.442.023.111	77.419.704.036
<b>TOTAL REVENUE</b>			<b>608.805.136.506</b>	<b>633.157.341.966</b>	<b>658.483.635.645</b>	<b>684.822.981.071</b>	<b>712.215.900.314</b>	<b>740.704.536.326</b>	<b>770.332.717.779</b>

## Lampiran 3.6. Perhitungan Net Income Statement

VII. NET INCOME STATEMENT		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
- Total Sales Revenue		444.847.950.000	462.641.868.000	481.147.542.720	500.393.444.429	520.409.182.206	541.225.549.494	562.874.571.474	585.389.554.333
- Production Cost		391.794.722.542	407.339.154.664	423.513.586.277	440.343.645.798	457.856.009.241	476.078.443.310	495.039.850.271	514.770.314.691
- Profit Before Tax		53.053.227.458	55.302.713.336	57.633.956.443	60.049.798.631	62.553.172.965	65.147.106.184	67.834.721.203	70.619.239.642
Tax	30%	15.915.968.238	16.590.814.001	17.290.186.933	18.014.939.589	18.765.951.890	19.544.131.855	20.350.416.361	21.185.771.893
- Profit After Tax		<b>37.137.259.221</b>	<b>38.711.899.335</b>	<b>40.343.769.510</b>	<b>42.034.859.042</b>	<b>43.787.221.076</b>	<b>45.602.974.329</b>	<b>47.484.304.842</b>	<b>49.433.467.749</b>
- Retained Earning		37.137.259.221	75.849.158.556	116.192.928.066	158.227.787.107	202.015.008.183	247.617.982.512	295.102.287.354	344.535.755.104
- Deviden 25%		9.284.314.805	18.962.289.639	29.048.232.016	39.556.946.777	50.503.752.046	61.904.495.628	73.775.571.839	86.133.938.776
BEP (Rupiah)		152.517.897.954	157.682.260.000	163.084.320.474	168.735.264.929	174.646.817.021	180.831.265.024	187.301.489.683	194.070.993.480
Average BEP	197.013.685.052								

## Lampiran 3.6. (Lanjutan)

	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
- Total Sales Revenue	608.805.136.506	633.157.341.966	658.483.635.645	684.822.981.071	712.215.900.314	740.704.536.326	770.332.717.779
- Production Cost	535.301.152.117	556.664.959.768	578.895.669.343	602.028.602.018	626.100.525.727	651.149.714.828	677.216.012.251
- Profit Before Tax	73.503.984.390	76.492.382.199	79.587.966.302	82.794.379.052	86.115.374.586	89.554.821.498	93.116.705.529
Tax	22.051.195.317	22.947.714.660	23.876.389.891	24.838.313.716	25.834.612.376	26.866.446.449	27.935.011.659
- Profit After Tax	<b>51.452.789.073</b>	<b>53.544.667.539</b>	<b>55.711.576.411</b>	<b>57.956.065.337</b>	<b>60.280.762.210</b>	<b>62.688.375.049</b>	<b>65.181.693.870</b>
- Retained Earning	395.988.544.176	449.533.211.716	505.244.788.127	563.200.853.464	623.481.615.674	686.169.990.723	751.351.684.593
- Deviden 25%	98.997.136.044	112.383.302.929	126.311.197.032	140.800.213.366	155.870.403.919	171.542.497.681	187.837.921.148
BEP (Rupiah)	201.153.931.390	208.565.143.189	216.320.187.419	224.435.377.082	232.927.817.155	241.815.444.025	251.117.066.948
Average BEP	197.013.685.052						

## Lampiran 3.7. Perhitungan Financial Return

VIII. FINANCIAL RETURN	1	2	3	4	5	6	7	8		
	Year -2	Year -1	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8

<b>Penerimaan bersih</b>										
- Year's Net Profit			37.137.259.221	38.711.899.335	40.343.769.510	42.034.859.042	43.787.221.076	45.602.974.329	47.484.304.842	49.433.467.749
- Salvage Value			-	-	-	-	-	-	-	-
- Depreciation			5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244
	-	-	<b>42.653.369.465</b>	<b>44.228.009.579</b>	<b>45.859.879.754</b>	<b>47.550.969.286</b>	<b>49.303.331.320</b>	<b>51.119.084.573</b>	<b>53.000.415.086</b>	<b>54.949.577.993</b>
<b>Pengeluaran bersih</b>										
- Investasi + IDC	54.000.000.000	95.665.506.600	-	-	-	-	-	-	-	-
- Modal Kerja	-	-	-	-	-	-	-	-	-	-
- Long Term Loan Repayment	-	-	-	-	-	-	-	-	-	-
- Short Term Loan Repayment	-	-	-	-	-	-	-	-	-	-
	<b>54.000.000.000</b>	<b>95.665.506.600</b>	-	-	-	-	-	-	-	-
<b>ANNUAL CASH FLOW</b>	(54.000.000.000)	(95.665.506.600)	42.653.369.465	44.228.009.579	45.859.879.754	47.550.969.286	49.303.331.320	51.119.084.573	53.000.415.086	54.949.577.993
Present Value	1,000	1,000	0,862	0,743	0,641	0,552	0,476	0,410	0,354	0,305
Acc. Present Value	(54.000.000.000)	(149.665.506.600)	36.770.146.090	32.868.615.918	29.380.483.872	26.261.977.032	23.473.957.745	20.981.432.329	18.753.111.954	16.761.020.128
<b>ACC. CASH FLOW</b>	(54.000.000.000)	(149.665.506.600)	(107.012.137.135)	(62.784.127.556)	(16.924.247.803)	30.626.721.483	79.930.052.803	131.049.137.376	184.049.552.462	238.999.130.455

## Lampiran 3.7. (Lanjutan)

<b>VIII. FINANCIAL RETURN</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
	<b>Year 9</b>	<b>Year 10</b>	<b>Year 11</b>	<b>Year 12</b>	<b>Year 13</b>	<b>Year 14</b>	<b>Year 15</b>
<b>Penerimaan bersih</b>							
- Year's Net Profit	51.452.789.073	53.544.667.539	55.711.576.411	57.956.065.337	60.280.762.210	62.688.375.049	65.181.693.870
- Salvage Value	-	-	-	-	-	-	27.580.551.220
- Depreciation	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244	5.516.110.244
	<b>56.968.899.317</b>	<b>59.060.777.783</b>	<b>61.227.686.655</b>	<b>63.472.175.581</b>	<b>65.796.872.454</b>	<b>68.204.485.293</b>	<b>98.278.355.334</b>
<b>Pengeluaran bersih</b>							
- Investasi + IDC	-	-	-	-	-	-	-
- Modal Kerja	-	-	-	-	-	-	-
- Long Term Loan Repayment	-	-	-	-	-	-	-
- Short Term Loan Repayment	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
<b>ANNUAL CASH FLOW</b>	56.968.899.317	59.060.777.783	61.227.686.655	63.472.175.581	65.796.872.454	68.204.485.293	98.278.355.334
	0,263	0,227	0,195	0,168	0,145	0,125	0,108
Present Value	14.980.141.843	13.388.109.930	11.964.924.691	10.692.703.240	9.555.455.420	8.538.883.468	10.606.889.430
Acc. Present Value	70.565.380.310	83.953.490.240	95.918.414.931	106.611.118.171	116.166.573.591	124.705.457.059	135.312.346.489
<b>ACC. CASH FLOW</b>	295.968.029.772	355.028.807.556	416.256.494.211	479.728.669.792	545.525.542.246	613.730.027.539	712.008.382.873

## Lampiran 3.8. Perhitungan Found Flow Statement

<b>IX. FUND FLOW STATEMENT</b>	<b>Year -2</b>	<b>Year -1</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>
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<b>CASH INFLOW</b>									
Sales Revenue			389.241.956.250	404.811.634.500	421.004.099.880	437.844.263.875	455.358.034.430	473.572.355.807	492.515.250.040
Account Receivable				55.605.993.750	57.830.233.500	60.143.442.840	62.549.180.554	65.051.147.776	67.653.193.687
Equity	54.000.000.000	95.665.506.600	33.050.381.250	-	-	-	-	-	-
Investment Debt	-	-	-	-	-	-	-	-	-
Working Capital Debt	-	-	-	-	-	-	-	-	-
<b>Total Cash Inflow</b>	<b>54.000.000.000</b>	<b>95.665.506.600</b>	<b>422.292.337.500</b>	<b>460.417.628.250</b>	<b>478.834.333.380</b>	<b>497.987.706.715</b>	<b>517.907.214.984</b>	<b>538.623.503.583</b>	<b>560.168.443.726</b>
<b>CASH OUTFLOW</b>									
Capital Expenditure	54.000.000.000	95.665.506.600	-	-	-	-	-	-	-
Cash Expenses (excl. interest, depreciation)			341.391.112.298	355.140.044.420	369.447.156.033	384.335.202.754	399.827.872.885	415.949.825.909	432.726.732.584
Account Payable				44.887.500.000	46.683.000.000	48.550.320.000	50.492.332.800	52.512.026.112	54.612.507.156
- Investment Debt	-	-	-	-	-	-	-	-	-
- Working Capital Debt	-	-	-	-	-	-	-	-	-
Interest Charge	-	-	-	-	-	-	-	-	-
Taxes	-	-	15.915.968.238	16.590.814.001	17.290.186.933	18.014.939.589	18.765.951.890	19.544.131.855	20.350.416.361
Inc. Inventory	-	-	22.331.887.500	893.275.500	929.006.520	966.166.781	1.004.813.452	1.045.005.990	1.086.806.230
<b>Total Cash Outflow</b>	<b>54.000.000.000</b>	<b>95.665.506.600</b>	<b>379.638.968.035</b>	<b>417.511.633.921</b>	<b>434.349.349.486</b>	<b>451.866.629.124</b>	<b>470.090.971.026</b>	<b>489.050.989.867</b>	<b>508.776.462.331</b>
<b>NET CASH FLOW</b>	<b>-</b>	<b>-</b>	<b>42.653.369.465</b>	<b>42.905.994.329</b>	<b>44.484.983.894</b>	<b>46.121.077.591</b>	<b>47.816.243.957</b>	<b>49.572.513.716</b>	<b>51.391.981.395</b>
Beginning Cash Balance	-	-	-	42.653.369.465	85.559.363.794	130.044.347.688	176.165.425.279	223.981.669.237	273.554.182.953
Ending Cash Balance	-	-	42.653.369.465	85.559.363.794	130.044.347.688	176.165.425.279	223.981.669.237	273.554.182.953	324.946.164.348

## Lampiran 3.8. (Lanjutan)

	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
<b>CASH INFLOW</b>								
Sales Revenue	512.215.860.041	532.704.494.443	554.012.674.221	576.173.181.189	599.220.108.437	623.188.912.775	648.116.469.286	674.041.128.057
Account Receivable	70.359.321.434	73.173.694.292	76.100.642.063	79.144.667.746	82.310.454.456	85.602.872.634	89.026.987.539	92.588.067.041
Equity	-	-	-	-	-	-	-	-
Investment Debt	-	-	-	-	-	-	-	-
Working Capital Debt	-	-	-	-	-	-	-	-
<b>Total Cash Inflow</b>	<b>582.575.181.476</b>	<b>605.878.188.735</b>	<b>630.113.316.284</b>	<b>655.317.848.935</b>	<b>681.530.562.893</b>	<b>708.791.785.408</b>	<b>737.143.456.825</b>	<b>766.629.195.098</b>
<b>CASH OUTFLOW</b>								
Capital Expenditure	-	-	-	-	-	-	-	-
Cash Expenses (excl. interest, depreciation)	450.185.316.707	468.353.398.623	487.259.940.543	506.935.093.760	527.410.247.822	548.718.081.772	570.892.617.525	593.969.275.465
Account Payable	56.797.007.443	59.068.887.740	61.431.643.250	63.888.908.980	66.444.465.339	69.102.243.953	71.866.333.711	74.740.987.059
- Investment Debt	-	-	-	-	-	-	-	-
- Working Capital Debt	-	-	-	-	-	-	-	-
Interest Charge	-	-	-	-	-	-	-	-
Taxes	21.185.771.893	22.051.195.317	22.947.714.660	23.876.389.891	24.838.313.716	25.834.612.376	26.866.446.449	27.935.011.659
Inc. Inventory	1.130.278.479	1.175.489.618	1.222.509.203	1.271.409.571	1.322.265.954	1.375.156.592	1.430.162.856	1.487.369.370
<b>Total Cash Outflow</b>	<b>529.298.374.521</b>	<b>550.648.971.298</b>	<b>572.861.807.656</b>	<b>595.971.802.201</b>	<b>620.015.292.830</b>	<b>645.030.094.693</b>	<b>671.055.560.541</b>	<b>698.132.643.553</b>
<b>NET CASH FLOW</b>	<b>53.276.806.955</b>	<b>55.229.217.437</b>	<b>57.251.508.628</b>	<b>59.346.046.734</b>	<b>61.515.270.062</b>	<b>63.761.690.715</b>	<b>66.087.896.284</b>	<b>68.496.551.545</b>
Beginning Cash Balance	324.946.164.348	378.222.971.303	433.452.188.740	490.703.697.368	550.049.744.102	611.565.014.164	675.326.704.879	741.414.601.163
Ending Cash Balance	378.222.971.303	433.452.188.740	490.703.697.368	550.049.744.102	611.565.014.164	675.326.704.879	741.414.601.163	809.911.152.708

## Lampiran 3.9. Perhitungan Neraca Keuangan

**X. BALANCE SHEET**

	Construction Year								
	Year -2	Year -1	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
<b>ASSETS</b>									
Current Assets									
- Ending Cash Balance	-	-	42.653.369.465	85.559.363.794	130.044.347.688	176.165.425.279	223.981.669.237	273.554.182.953	324.946.164.348
- Account Receivable	-	-	55.605.993.750	57.830.233.500	60.143.442.840	62.549.180.554	65.051.147.776	67.653.193.687	70.359.321.434
- Inventory	-	-	22.331.887.500	23.225.163.000	24.154.169.520	25.120.336.301	26.125.149.753	27.170.155.743	28.256.961.973
Total Current Assets	-	-	120.591.250.715	166.614.760.294	214.341.960.048	263.834.942.134	315.157.966.765	368.377.532.383	423.562.447.755
Fixed Investment	54.000.000.000	95.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600
Less Accum Depreciation	-	-	5.516.110.244	11.032.220.488	16.548.330.732	22.064.440.976	27.580.551.220	33.096.661.464	38.612.771.708
Net Fixed Assets	54.000.000.000	95.665.506.600	144.149.396.356	138.633.286.112	133.117.175.868	127.601.065.624	122.084.955.380	116.568.845.136	111.052.734.892
<b>TOTAL ASSETS</b>	<b>54.000.000.000</b>	<b>95.665.506.600</b>	<b>264.740.647.071</b>	<b>305.248.046.406</b>	<b>347.459.135.916</b>	<b>391.436.007.758</b>	<b>437.242.922.145</b>	<b>484.946.377.519</b>	<b>534.615.182.647</b>
<b>LIABILITIES AND EQUITY</b>									
Liabilities									
- Account Payable	-	-	44.887.500.000	46.683.000.000	48.550.320.000	50.492.332.800	52.512.026.112	54.612.507.156	56.797.007.443
- Long Term Loan Balance	-	-	-	-	-	-	-	-	-
- Short Term Loan Balance	-	-	-	-	-	-	-	-	-
Total Liabilities	-	-	44.887.500.000	46.683.000.000	48.550.320.000	50.492.332.800	52.512.026.112	54.612.507.156	56.797.007.443
Equity									
- Share Capital	54.000.000.000	95.665.506.600	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850
- Retained Earnings	-	-	37.137.259.221	75.849.158.556	116.192.928.066	158.227.787.107	202.015.008.183	247.617.982.512	295.102.287.354
Total Equity	54.000.000.000	95.665.506.600	219.853.147.071	258.565.046.406	298.908.815.916	340.943.674.958	384.730.896.033	430.333.870.362	477.818.175.205
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>54.000.000.000</b>	<b>95.665.506.600</b>	<b>264.740.647.071</b>	<b>305.248.046.406</b>	<b>347.459.135.916</b>	<b>391.436.007.758</b>	<b>437.242.922.145</b>	<b>484.946.377.519</b>	<b>534.615.182.647</b>

Lampiran 3.9. (Lanjutan)

	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
<b>ASSETS</b>								
Current Assets								
- Ending Cash Balance	378.222.971.303	433.452.188.740	490.703.697.368	550.049.744.102	611.565.014.164	675.326.704.879	741.414.601.163	809.911.152.708
- Account Receivable	73.173.694.292	76.100.642.063	79.144.667.746	82.310.454.456	85.602.872.634	89.026.987.539	92.588.067.041	96.291.589.722
- Inventory	29.387.240.452	30.562.730.070	31.785.239.272	33.056.648.843	34.378.914.797	35.754.071.389	37.184.234.244	38.671.603.614
Total Current Assets	480.783.906.046	540.115.560.873	601.633.604.386	665.416.847.401	731.546.801.595	800.107.763.807	871.186.902.449	944.874.346.045
Fixed Investment	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600	149.665.506.600
Less Accum Depreciation	44.128.881.952	49.644.992.196	55.161.102.440	60.677.212.684	66.193.322.928	71.709.433.172	77.225.543.416	82.741.653.660
Net Fixed Assets	105.536.624.648	100.020.514.404	94.504.404.160	88.988.293.916	83.472.183.672	77.956.073.428	72.439.963.184	66.923.852.940
<b>TOTAL ASSETS</b>	<b>586.320.530.694</b>	<b>640.136.075.277</b>	<b>696.138.008.546</b>	<b>754.405.141.317</b>	<b>815.018.985.267</b>	<b>878.063.837.235</b>	<b>943.626.865.633</b>	<b>1.011.798.198.985</b>
<b>LIABILITIES AND EQUITY</b>								
Liabilities								
- Account Payable	59.068.887.740	61.431.643.250	63.888.908.980	66.444.465.339	69.102.243.953	71.866.333.711	74.740.987.059	77.730.626.542
- Long Term Loan Balance	-	-	-	-	-	-	-	-
- Short Term Loan Balance	-	-	-	-	-	-	-	-
Total Liabilities	59.068.887.740	61.431.643.250	63.888.908.980	66.444.465.339	69.102.243.953	71.866.333.711	74.740.987.059	77.730.626.542
Equity								
- Share Capital	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850	182.715.887.850
- Retained Earnings	344.535.755.104	395.988.544.176	449.533.211.716	505.244.788.127	563.200.853.464	623.481.615.674	686.169.990.723	751.351.684.593
Total Equity	527.251.642.954	578.704.432.027	632.249.099.566	687.960.675.977	745.916.741.314	806.197.503.524	868.885.878.573	934.067.572.443
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>586.320.530.694</b>	<b>640.136.075.277</b>	<b>696.138.008.546</b>	<b>754.405.141.317</b>	<b>815.018.985.267</b>	<b>878.063.837.235</b>	<b>943.626.865.633</b>	<b>1.011.798.198.985</b>

## Lampiran 3.10. Financial Analysis

SUMMARY			
Project Cost	149.665.506.600,32	IDR	
IRR	28,59%		
NPV	135.312.346.489,29	IDR	
PBP	5,36	Year	(2 year IDC)
Net B/C	1,90		
Average BEP	197.013.685.051,56	IDR	
ROI	33,47%		
ROE	33,47%		
Net Profit (at year 1)	37.137.259.220,90	IDR	
Net Profit (at year 5)	43.787.221.075,54	IDR	

## Lampiran 3.11. Perhitungan Net Income

Tahun	Penerimaan	Biaya Produksi	Laba Operasi	30%		Margin Laba Bersih	Margin Laba Kotor
				Tax	Laba Bersih		
Tahun-1	444.847.950.000,00	391.794.722.541,57	53.053.227.458,43	15.915.968.237,53	37.137.259.220,90	8,35%	11,93%
Tahun-2	462.641.868.000,00	407.339.154.664,34	55.302.713.335,66	16.590.814.000,70	38.711.899.334,96	8,37%	11,95%
Tahun-3	481.147.542.720,00	423.513.586.277,35	57.633.956.442,65	17.290.186.932,80	40.343.769.509,86	8,38%	11,98%
Tahun-4	500.393.444.428,80	440.343.645.797,76	60.049.798.631,04	18.014.939.589,31	42.034.859.041,73	8,40%	12,00%
Tahun-5	520.409.182.205,95	457.856.009.240,90	62.553.172.965,05	18.765.951.889,52	43.787.221.075,54	8,41%	12,02%
Tahun-6	541.225.549.494,19	476.078.443.309,72	65.147.106.184,47	19.544.131.855,34	45.602.974.329,13	8,43%	12,04%
Tahun-7	562.874.571.473,96	495.039.850.270,69	67.834.721.203,27	20.350.416.360,98	47.484.304.842,29	8,44%	12,05%
Tahun-8	585.389.554.332,92	514.770.314.691,25	70.619.239.641,67	21.185.771.892,50	49.433.467.749,17	8,44%	12,06%
Tahun-9	608.805.136.506,23	535.301.152.116,64	73.503.984.389,59	22.051.195.316,88	51.452.789.072,71	8,45%	12,07%
Tahun-10	633.157.341.966,48	556.664.959.767,52	76.492.382.198,96	22.947.714.659,69	53.544.667.539,27	8,46%	12,08%
Tahun-11	658.483.635.645,14	578.895.669.343,15	79.587.966.301,99	23.876.389.890,60	55.711.576.411,39	8,46%	12,09%
Tahun-12	684.822.981.070,95	602.028.602.018,49	82.794.379.052,46	24.838.313.715,74	57.956.065.336,72	8,46%	12,09%
Tahun-13	712.215.900.313,79	626.100.525.727,42	86.115.374.586,37	25.834.612.375,91	60.280.762.210,46	8,46%	12,09%
Tahun-14	740.704.536.326,34	651.149.714.828,12	89.554.821.498,22	26.866.446.449,47	62.688.375.048,75	8,46%	12,09%
Tahun-15	770.332.717.779,39	677.216.012.250,77	93.116.705.528,62	27.935.011.658,59	65.181.693.870,03	8,46%	12,09%
Average	593.830.127.484,28	522.272.824.189,71	71.557.303.294,56	21.467.190.988,37	50.090.112.306,19	8,43%	12,04%



## Lampiran 4. List of Proposed Equipments &amp; Vendors

**LIST OF PROPOSED EQUIPMENTS**

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>BRAND</u></b>	<b><u>COUNTRY</u></b>
1.	Weighbridge	1. Avery 2. Or Equivalent	U.K
2.	Screw Press & Digester	1. CHD 2. Wang Yuen 3. Or Equivalent	Malaysia Malaysia
3.	Sludge Separator	1. Charp Ngai 2. Puskima 3. Or Equivalent	Malaysia
4.	Oil Purifier & Decanter	1. Westfalia 2. Alfa Laval 3. Or Equivalent	Germany Sweden
5.	Boiler	1. Vickers Hoskins 2. Mechmar 3. Or Equivalent	Malaysia Malaysia
6.	Turbine	1. Dresser Rand 2. Shinko 3. Ebara 4. Or Equivalent	USA Japan Japan/USA
7.	Diesel Genset	1. Cummins 2. Komatsu 3. Or Equivalent	U.S.A Japan
8.	Mechanical Works / Fabrications	1. Muar Ban Lee 2. Or Equivalent	Malaysia
9.	Pressure Vessel / Water Treatment	1. Watermech 2. Or Equivalent	Malaysia

## Lampiran 5. List of Proposed Components &amp; Vendors

<b><u>LIST OF PROPOSED COMPONENTS</u></b>			
<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>BRAND</u></b>	<b><u>COUNTRY</u></b>
1.	Helical Gearbox / Gearmotor	1. Flender 2. Renold 3. Or Equivalent	Germany UK
2.	Worm Gearbox / Bevel Gearbox	1. Flender 2. Renold 3. Or Equivalent	Sweden UK
3.	Sprocket / Transmission Chain	1. Renold 2. Tsubaki 3. Or Equivalent	UK Japan
4.	Conveyor Chain	1. Renold 2. Tsubaki 3. Or Equivalent	UK Japan
5.	Motor	1. Electrim 2. Tecco 3. Focus 4. Or Equivalent	Poland
6.	Steriliser Door	1. Wang Yuen 2. Universal 3. Or Equivalent	Malaysia Malaysia
7.	Centrifugal Fan	1. Novenco 2. Pheonix 3. Or Equivalent	Denmark / Malaysia Malaysia
8.	Heater	1. Novenco 2. Pheonix 3. Or Equivalent	Denmark / Malaysia Malaysia

<b><u>ITEM</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>BRAND</u></b>	<b><u>COUNTRY</u></b>
9.	Hydraulic System	1. Vickers System 2. Rexroth 3. Or Equivalent	U.K Germany
10.	Automatic Control System	1. Dynabond 2. Or Equivalent	Malaysia
11.	Vibrating Feeder	1. Enmin 2. Eriez 3. Or Equivalent	
12.	Water / Sludge / Oil pump	1. KEW 2. MTP 3. Robuschi 4. Or Equivalent	Malaysia Malaysia Italy
13.	Vibrating Screen	1. Watermech 2. GS 3. Or Equivalent	Malaysia Malaysia
14.	Bearing	1. SKF 2. FAG 3. Or Equivalent	Sweden Germany
15.	Packing And Gasket	1. Klinger 2. Carlock 3. Or Equivalent	
16.	Valve	1. Keystone 2. Varimax 3. Kitz 4. Uni-Klinger 5. Jokwang 6. SK 7. Or Equivalent	

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>BRAND</u>	<u>COUNTRY</u>
17.	Temperature Gauge	1.Jako 2.DK 3. Or Equivalent	
18.	Steam Trap	1.Miyawaki 2.Jokwang 3.Spirax Sarco 4.Uni-Klinger 5.Or Equivalent	
19.	Pressure Gauge	1.Weika 2.Budenberg 3.DK 4.Or Equivalent	
20.	Temperature, Pressure Recorder	1.Kent 2.Cambridge 3.Miyawaki 4.Jokwang 5.Or Equivalent	

## Lampiran 6. Daftar Material dan Peralatan

<b>Uraian</b>	<b>Jumlah</b>	<b>Satuan</b>
Peralatan Processing Station		
☒ Fruit Reception		
- Weight Bridge 60 ton	1	unit
- Weight Bridge 40 ton	-	unit
- FFB Loading Ramp	2	unit
- Transfer Carriage	1	unit
- Transfer Carriage Pit Pump	1	lot
- Feeding Line Indexers	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Sterilizer Station		
- Sterilizer	3	unit
- Rail track	900	m
- Transfer Carriage	1	unit
- Transfer Carriage Pit Pump	1	lot
- FFB Cage 20 T	10	unit
- Cond. Pit Pump, Exhaust, Cond. Silencer & Platform	1	lot
- Pneumatic System for Valve Control	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	2	unit
☒ Threshing Station		
- Tipper	2	unit
- Tipper Auto Feeder	2	lot
- Inclined & Horizontal Sterilized Bunch Conveyor	70	m <sup>3</sup>
- Platform & Tippler Pit Pump	1	lot
- Thresher	2	unit
- Horizontal Empty Bunch Conveyor	80	m
- Bunch Crusher	1	lot
- Bottom Cross Conveyor & Under Thresher	37	m
- Fruit Elevator	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Pressing Sation		
- Top Cross, Distribution, Return Fruit Conveyor	27	m
- Digester & structure	4	unit

- FFB Screw Press & Structure	4	unit
- Cake Breaker Conveyor (CBC)	1	lot
- Crude Oil Tank	1	unit
- Depericarping System	1	set
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Kernel Recovery Station		
- Nut Destoner	1	set
- Ripple Mill & Nut Hopper	3	set
- Nut Silo	3	unit
- LTDS I & II	1	set
- Clay Bath & Clay Mixer	1	set
- Kernel Silo	3	unit
- Kernel Storage	1	unit
- Shell & Kernel Dewatering Drum	1	lot
- Wet Kernel, Dry Kernel Elevator	44	m'
- Conveyor	1	lot
- Timbangan Kernel	3	unit
- Sheel Hopper	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Boiler Station		
- Fuel Feed (Fibre & Shell) Conveyor	1	lot
- Feed Water Tank	1	lot
- Boiler & Blowdown Silencer	1	unit
- Deaerator, Sand Filter, Softener Tank	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Power Station		
- BPV, Cooling Tower	1	unit
- Import Equipment Inventory		
> Cooling tower Type : PET 365-C1	1	unit
> Genset Deutz 1000 kVA	1	unit
> Turbine c/w. Steam Separator Tank 1800 kW	1	unit
> Lain-lain	1	lot
- Main Switch Board	1	unit
☒ Oil Clarification Station		
- Continous, Pure Oil & Sludge Tank dll.	1	lot
- Struktur & Platform	1	lot
- Fat Pit	1	lot
- Conveyor	27	m
- Liquid Basculator	1	unit
- Import Equipment Inventory		
> Low Speed Cap :	3	unit
> Oil Purifier Cap : 8 T CPO, PAPX 307 Alva		
Laval	3	unit
> Lain-lain	1	lot
- CMM - Electrical Switch Board	1	unit
☒ EFB Processing Plant		

- EB Liqour Tank	1	unit
- Inclined & Horizontal EFB Conveyor	102	m
- Structure & Platform	1	lot
- Conveyor 36"	30	m
- Import Equipment Inventory		
> E.B Press Khun Heng Model : KH-777	2	unit
> E.B Shredder Model : KH-77	2	unit
> Lain-lain	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Water Treatment Station		
- Water Tower	1	unit
- Water Clarifier Tank	1	set
- Sand Filter dan Kation Exchanger Tank	2	unit
- Intake Pump, Reservoir Pump & Ext. Chemical Tank	1	lot
- Regent dan Hydrant	1	lot
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Despatch Oil dan Storage Tank		
- CPO Storage Tank	2	unit
- Despatch Tank	1	unit
- Import Equipment Inventory	1	lot
- MCC - Electrical Switch Board	1	unit
☒ Workshop		
- Mesin Mesin		
> Mesin Bubut	1	unit
> Mesin Scrap	1	unit
> Mesin Gergaji Potong	1	unit
> Bor Magnet	1	unit
> Mesin Grenda Piso bubut	1	unit
> Mesin Bor duduk Universal	1	unit
> Mesin Roll Plate	1	unit
- MCC - Electrical Switch Board	1	unit
☒ Effluent Treatment	1	lot
☒ Solar Tank	1	lot
☒ Kabel-Kabel	1	lot