



LAMPIRAN 3

PROYEKSI KEUANGAN ALTERNATIP TIGA



Lampiran 3.2. PROYEKSI LABA / (RUGI) ALTERNATIP TIGA

	PERANGKAP												% Dtd Dpt				
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030					
<b>PENDUALAN</b>	326.600.410	340.273.591	377.458.463	578.534.294	652.381.596	822.525.576	1.127.101.445	1.623.392.020	1.946.397.940	2.102.102.687	2.270.278.441	2.451.300.716	2.640.982.773	20.132.336.149	1.342.195.743	100,00%	
PERALANGKEL	393.200.287	407.204.867	355.246.031	550.953.201	615.678.777	694.666.059	826.171.750	942.292.290	1.057.900.553	1.399.856.229	1.651.000.944	1.794.544.203	1.926.999.329	17.266.657.781	1.151.110.619	65,77%	
PERALAN (P/AL)	13.168.744	24.933.490	39.672.379	31.227.161	39.680.196	41.248.519	42.374.177	44.293.016	46.920.455	49.226.370	51.325.447	53.011.901	55.029.467	62.804.543	65.013.361	3,26%	
PERALAN (P/AL)	11.221.176	10.590.179	13.428.416	12.743.559	13.763.043	14.844.036	16.353.213	17.337.470	18.724.467	20.221.425	21.840.219	23.597.436	25.474.471	27.592.266	27.224.982	1,36%	
LOKAL BAHAN TEMPAH	24.557.219	25.580.669	25.100.700	43.270.719	53.413.228	56.112.855	59.027.932	62.176.446	65.676.923	69.849.225	73.915.666	77.929.227	82.025.468	87.121.953	92.517.200	39,421694%	
<b>MARGA POKOK PRODUKSI</b>	307.759.706	324.791.526	320.366.297	524.524.040	603.307.005	650.379.654	865.191.661	1.044.659.775	1.233.477.476	1.457.944.723	1.724.216.650	1.982.043.440	2.246.107.249	18.200.306.624	1.213.333.775	30,41%	
<b>LABORATORIUM KONTROL</b>	14.861.104	5.422.056	20.890.019	4.310.254	23.283.991	71.546.860	31.940.702	116.407.761	145.631.369	190.537.297	222.161.191	240.066.227	269.257.740	279.850.646	301.945.524	1.331.423.524	128.761.969
<b>BAYA ADMINISTRASIF</b>	491.159	711.653	1.042.016	806.134	972.759	942.612	1.019.031	1.092.463	1.167.420	1.242.412	1.326.006	1.426.807	1.515.472	1.744.769	1.844.266	17.590.364	0,09%
<b>biaya Pemasukan</b>	1.227.666	1.729.133	2.605.040	2.000.345	2.161.973	2.366.530	2.545.053	2.748.637	2.899.560	3.206.033	3.462.516	3.729.517	4.028.679	4.361.773	4.710.715	43.892.440	0,22%
<b>biaya Pemeliharaan &amp; Irutan</b>	1.719.054	2.430.797	3.647.096	2.929.435	3.054.762	3.229.142	3.563.074	3.848.130	4.165.369	4.498.447	4.847.522	5.236.224	5.684.150	6.106.422	6.526.001	61.533.374	0,31%
<b>LABORATORIUM OPERASI</b>	17.142.650	3.001.269	33.537.074	1.611.721	20.214.822	69.247.729	24.237.625	112.559.641	141.176.000	176.046.950	217.233.669	254.200.302	293.603.599	273.744.163	226.350.523	1.569.866.150	3,22%
<b>Saya &amp; saya</b>	3.230.279	3.656.637	3.440.599	11.911.525	11.181.325	11.181.325	9.317.771	7.454.217	5.930.653	3.727.106	1.863.954	.	.	69.827.362	5.996.631	0,45%	
<b>LABORATORIUM BERHIN Saealim Paha</b>	79.912.371	6.055.523	42.940.632	3.629.954	3.033.504	57.066.414	79.079.667	105.105.424	136.895.237	172.201.742	215.470.114	224.630.302	253.640.999	273.744.163	295.260.523	1.780.098.199	8,94%
<b>Pajak</b>	2.322.711	.	.	.	.	2.029.242	23.722.967	31.351.627	40.765.601	51.036.523	64.641.044	70.443.271	76.091.077	82.122.249	89.606.157	524.020.456	2,65%
<b>LABORATORIUM BERHIN Saealim Paha</b>	5.528.660	6.659.569	47.940.658	3.699.954	3.033.504	56.027.165	95.265.900	123.273.737	156.119.726	190.635.219	230.229.090	264.391.632	277.522.513	191.620.914	206.745.266	1.246.047.731	6,13%
<b>Pembelian Labar (L)</b>	55.538.660	1.116.329	44.027.940	53.797.054	41.763.590	102.273.975	152.829.475	199.202.272	224.223.009	254.940.227	305.777.307	670.199.938	847.891.461	1.039.202.366	1.246.047.731	4.395.108.975	331.673.925
<b>Amortisasi Perangin</b>	6.659.569	43.038.200	59.336.754	50.202.250	6.764.164	65.644.021	120.949.445	326.824.783	489.166.525	714.626.626	949.457.541	1.203.961.130	1.476.905.294	1.772.165.916	1.059.725.963	504.266.110	

Lampiran 3.3. PROYEKSI KEBUTUHAN MODAL KERJA ALTERNATIP TIGA.

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2010	2011	2012	2013	Total	Benar-benar
<b>Perencanaan</b>																
Bekas	31,616,349	61,907,960	64,244,386	63,694,170	70,277,523	78,530,222	83,622,496	11,620,616	132,737,987	197,713,700	202,333,536	213,397,377	237,115,306	256,405,479	1,367,407,679	131,180,512
General Supplies	29,346	63,528	26,201	43,324	57,327	69,106	80,004	96,119	114,489	141,161	174,054	197,378	203,016	219,257	1,667,272	111,151
BKRI	30,011	4,789	19,711	2,927	26,391	37,324	37,324	37,324	45,071	63,611	66,639	74,136	80,131	96,542	646,684	43,046
Piut	237,630	215,505	243,994	305,529	364,176	430,764	499,367	593,943	706,496	838,116	1,005,336	1,161,363	1,334,272	1,504,614	10,269,140	693,943
Spare	276,037	491,311	312,174	465,016	522,342	628,547	737,204	873,734	1,040,449	1,236,063	1,465,431	1,712,778	1,993,900	2,391,794	16,195,127	1,012,342
Peranan Pemas	17,532	28,586	28,361	24,138	33,447	39,726	47,205	56,094	66,623	78,148	90,950	105,674	118,448	127,324	972,125	64,808
Penyakit	96,653	194,282	59,529	14,576	211,966	251,713	293,043	360,263	420,062	500,800	643,310	804,775	930,351	1,010,999	6,167,584	411,193
Suku Cadang	740,117	1,061,259	1,333,078	1,376,346	1,531,931	1,711,616	2,152,302	2,565,916	3,097,497	3,699,547	4,374,332	5,000,302	5,400,327	5,832,363	44,334,961	2,956,393
Benar-benar	38,228,170	86,780,989	88,971,007	41,652,228	44,119,466	60,017,230	66,229,159	11,734,553	135,659,391	204,464,640	213,397,378	213,397,378	213,397,378	213,397,378	1,367,407,679	131,180,512
Sal. Lijng	70,028,954	36,597,756	110,697,746	107,749,623	113,933,663	127,193,838	139,699,457	167,333,136	193,271,384	223,914,177	250,919,834	283,818,384	327,677,419	384,159,739	2,956,416,740	192,810,098
<b>Berikut Dalam Pengecilan</b>																
General Supplies	1,00	19,264	40,261	17,294	33,222	39,710	45,405	53,029	64,029	76,126	88,026	102,319	108,244	116,172	1,111,515	74,001
Piut	1,00	156,660	145,679	167,536	205,646	236,719	284,529	332,245	398,246	470,323	560,798	671,243	800,180	939,076	6,022,237	466,522
Spare	1,00	164,075	256,209	217,326	300,346	349,228	413,626	491,469	593,623	709,956	849,720	1,011,663	1,203,200	1,431,966	10,129,449	674,886
Peranan Pemas	1,00	11,729	19,067	19,404	20,268	26,433	31,470	37,397	44,415	52,765	62,866	73,116	83,265	95,282	648,993	43,206
Suku Cadang	1,00	555,099	749,444	1,045,286	1,045,286	1,144,526	1,359,213	1,614,151	1,912,123	2,276,123	2,705,410	3,251,227	3,824,235	4,434,235	33,286,169	2,217,745
Sal. Lijng		22,284	1,16,130	1,66,633	1,66,633	1,98,561	2,124,918	2,604,275	3,062,429	3,609,092	4,233,823	4,954,296	5,833,836	6,888,663	51,998,611	3,488,507
Hidup (Kasari)	200	45,104,473	79,604,140	89,128,329	97,610,204	98,909,533	109,919,742	126,511,695	164,023,440	183,153,700	217,796,129	259,931,835	302,672,233	357,201,929	2,713,233,873	180,902,259
Kecurangan, MS, dan lain-lain		26,563,566	10,161,346	23,416,143	21,614,530	22,111,626	20,291,299	18,262,227	16,214,524	14,131,384	12,427,691	10,922,426	9,839,484	7,224,772	294,171,206	14,944,747
<b>Survei &amp; Perencanaan Data</b>																
Luas Wilayah Pemas, Sistem Fisik		5,534,620	6,659,563	42,390,632	3,629,564	9,033,504	50,027,165	55,565,900	73,572,797	96,119,726	120,628,219	150,820,090	164,294,622	191,603,914	206,745,366	83,063,949
Penyusunan dan Pelaksanaan MS		25,903,356	7,602,010	5,455,397	7,402,223	4,261,776	1,719,606	1,459,293	2,024,473	2,783,140	3,703,703	4,836,196	6,305,709	8,383,366	470,299	485,319
Penyusunan & Analisis		707,366	12,002,965	12,777,331	12,727,331	13,671,017	13,671,017	10,671,017	13,671,017	13,671,017	13,671,017	13,671,017	13,671,017	13,671,017	254,568,394	16,970,573
Perencanaan Pemas		126,123,000	12,927,000	26,009,000	4,769,600	28,293,246	76,427,322	86,112,231	103,220,274	127,220,914	153,645,561	184,292,206	213,333,932	252,246,026	62,118,473	4,141,222
Penyusunan dan Pelaksanaan		139,078,830	12,821,000	8,000,000	4,069,529	16,627,299	16,611,271	24,530,204	17,220,914	13,333,862	13,333,862	13,333,862	13,333,862	13,333,862	1,831,214,430	95,414,299
Sal. Lijng																
Suku Cadang																
Total																

Lampiran 3.4 PROYEKSI NERACA ALTERNATIP TIGA.

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	% 2017/A
<b>AKTIVA</b>																				
<b>AKTIVA LANCAR</b>																				
Saldo	15.617,330	6.656.324	42.059.422	37.609.021	9.302.476	67.407.673	133.502.244	219.450.452	226.671.267	453.316.127	624.300.337	737.624.194	994.412.911	3.506.969.376	1.431.214.470	6.142.351.413	420.303.428	55.32%		
Persediaan barang tidak wujud	2.614.343	57.762.250	64.244.256	63.694.170	70.277.520	79.330.220	93.662.896	111.632.616	132.737.987	157.560.314	187.713.700	202.333.526	213.297.377	237.175.365	256.405.479	1.387.407.619	131.160.512	17,2%		
Persediaan barang tidak wujud	1.427.045	2.007.796	2.206.206	2.375.294	2.726.737	3.223.334	3.945.304	4.571.667	5.431.306	6.465.463	7.665.325	8.976.769	8.941.052	9.166.354	10.229.953	73.250.134	3.253.476	0,7%		
Persediaan barang tidak wujud	36.226.170	5.578.048	43.647.077	44.119.406	45.017.230	49.239.159	51.744.653	55.522.591	59.699.640	64.179.022	68.307.070	74.800.070	74.800.070	80.948.919	97.224.236	938.796.024	55.917.111	7,6%		
Persediaan barang tidak wujud	222.764	1.316.720	1.456.330	1.559.037	1.799.561	2.124.910	2.524.275	2.995.639	3.562.620	4.232.303	5.024.062	5.403.329	5.804.755	6.333.036	6.840.651	51.993.611	3.463.507	0,4%		
Arus Kas dan Lainya	51.860.429	31.215.122	69.454.646	71.396.307	102.691.763	136.712.143	201.294.326	349.266.417	522.265.741	697.541.937	699.394.662	1.083.573.887	1.300.459.160	1.539.273.799	1.722.213.666	3.073.956.496	606.333.433	81,78%		
<b>AKTIVA TETAP</b>																				
Aspek Fisik (Masa Depan)	34.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254.559.639	254,56%
Aspek Hukum	203.561.273	241.330.706	223.102.777	216.374.446	156.703.823	77.632.911	157.301.754	129.509.777	118.019.759	96.346.142	79.677.724	59.006.707	33.333.690	19.864.672	6.346	2.022.976.764	134.666.394	18,22%		
Aspek Fisik (Masa Depan)	263.361.273	241.330.706	223.102.777	216.374.446	156.703.823	77.632.911	157.301.754	129.509.777	118.019.759	96.346.142	79.677.724	59.006.707	33.333.690	19.864.672	6.346	2.022.976.764	134.666.394	18,22%		
Aspek Fisik (Masa Depan)	305.207.172	333.648.310	298.337.428	298.337.428	336.596.992	373.251.261	429.358.105	522.076.193	640.073.500	796.820.679	863.950.266	1.142.580.594	1.342.793.680	1.589.344.451	1.732.202.513	3.102.502.283	740.136.817	100,00%		
<b>TOTAL AKTIVA</b>																				
15.617,330	11.427,330	79.604.140	79.604.140	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118,33%	
45.104.473	45.104.473	79.604.140	79.604.140	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66,11%	
45.104.473	45.104.473	79.604.140	79.604.140	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66.118.337	66,11%	
62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62,11%	
62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62,11%	
132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132,44%	
5.538.650	5.538.650	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	5,53%	
5.538.650	5.538.650	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	5,53%	
137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137,38%	
305.207,172	333.648,310	298.337,428	298.337,428	336.596,992	373.251,261	429.358,105	522.076,193	640.073,500	796.820,679	863.950,266	1.142.580,594	1.342.793,680	1.589.344,451	1.732.202,513	3.102.502,283	740.136,817	100,00%			
<b>KEWAJIBAN &amp; MODAL SENDIRI</b>																				
<b>Kewajiban Lancar</b>																				
Mali Dagang	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45,10%	
Mali J. P. Si-paga Jarak Jarak	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45,10%	
Jumlah Kewajiban Lancar	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45.104.473	45,10%	
Kewajiban Jangka Panjang	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62,11%	
Mali Jangka Panjang	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62,11%	
Jumlah Kewajiban Jangka Panjang	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62.118.473	62,11%	
Jumlah Kewajiban	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107.222.946	107,22%	
<b>MODAL SENDIRI</b>																				
Modal Sendiri	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132,44%	
Modal Sendiri	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132.440.166	132,44%	
Reserva	5.538.650	5.538.650	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	5,53%	
Reserva	5.538.650	5.538.650	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	1.116.202	5,53%	
Saldo Pembelian Saham Perusahaan Lain	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137.378.818	137,38%	
Jumlah Modal Sendiri	305.207,172	333.648,310	298.337,428	298.337,428	336.596,992	373.251,261	429.358,105	522.076,193	640.073,500	796.820,679	863.950,266	1.142.580,594	1.342.793,680	1.589.344,451	1.732.202,513	3.102.502,283	740.136,817	100,00%		

Lampiran 3.5. PROYEKSI NPV, IRR, & PAYBACK PERIOD ALTERNATIF TIGA.

1979	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	1980	
336.620.410	546.279.941	577.666.460	594.634.224	632.311.536	672.535.576	707.160.394	1.162.646.536	1.379.109.446	1.639.932.020	1.946.320.620	2.102.109.667	2.270.278.441	2.451.300.716	2.649.802.773	20.122.326.146	1.342.156.743
243.200.377	492.204.467	555.246.091	560.953.321	616.676.777	674.466.048	696.171.760	940.292.220	1.167.900.953	1.398.596.326	1.651.000.934	1.784.544.203	1.929.666.206	2.084.526.217	2.263.560.329	17.266.657.761	1.151.110.919
13.146.744	24.963.490	34.672.374	31.227.161	39.650.146	41.244.613	42.974.719	44.329.016	46.862.456	49.006.370	51.375.447	53.311.901	56.650.064	59.650.467	62.804.543	607.013.951	43.800.331
11.371.175	10.659.179	13.428.419	2.743.959	13.763.943	14.664.066	16.062.713	17.337.470	19.724.467	20.222.425	21.840.219	23.690.436	25.474.431	27.512.396	29.713.377	277.224.962	19.482.326
1.733.264	2.490.797	3.647.066	2.928.463	3.864.769	3.229.142	3.563.074	3.946.120	4.159.963	4.488.447	4.947.523	5.285.324	5.854.150	6.106.492	6.696.001	61.533.374	4.102.226
309.477.761	537.279.312	610.993.943	611.252.522	672.146.766	754.277.836	666.782.796	1.049.306.995	1.237.633.445	1.482.333.170	1.729.064.172	1.967.279.765	2.016.674.651	2.179.166.563	2.362.702.290	18.267.439.999	1.217.436.000
17.142.650	3.001.263	33.537.074	1.461.771	20.244.269	66.247.729	66.397.629	112.599.641	141.476.000	176.046.690	217.333.668	234.830.302	263.603.999	273.744.163	295.560.523	1.893.996.150	124.659.743
2.372.711				2.029.249	23.773.967	31.631.627	40.766.601	51.636.523	64.841.034	80.122.249	96.801.077	112.122.249	128.600.496	150.400.496	36.601.364	
14.769.838	3.001.263	33.537.074	1.461.771	20.244.269	66.247.729	66.397.629	112.599.641	141.476.000	176.046.690	217.333.668	234.830.302	263.603.999	273.744.163	295.560.523	1.893.996.150	124.659.743
707.366	13.200.865	12.727.323	12.729.331	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017	13.671.017
15.476.204	15.071.524	20.305.143	14.209.702	29.986.947	36.466.506	34.344.698	100.639.031	120.381.416	144.022.345	172.363.691	184.852.649	197.133.530	211.291.932	226.416.366	1.500.446.677	106.029.379
25.463.366	7.600.010	5.956.287	1.740.223	439.176	1.719.300	1.439.793	2.029.473	2.798.140	3.702.702	4.936.196	575.709	404.913	438.369	470.299	7.273.772	465.319
10.327.051	22.023.444	25.384.540	15.340.935	39.460.671	47.629.314	46.733.561	102.737.504	123.164.586	147.727.049	171.199.636	193.676.941	196.796.617	210.666.564	225.946.096	1.963.160.806	105.544.080
254.659.679	242.291.547	262.246.397	250.376.462	219.966.791	125.276.477	29.432.096	63.244.606	166.429.164	334.136.211	511.336.049	696.011.900	891.800.607	1.020.656.170	1.339.602.266	3.707.660.616	247.176.701
19.00%																
15.342.223																
18.99%																
7.3%																
11.23%																
23.03.949																
740.72.617																

Lampiran 3.6. PERHITUNGAN INTERNAL RATE OF RETURN ( IRR ) ALTERNATIF TIGA.

KATEGORIAN	Tahun ke																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	PV A.M.P.V	
15%	PUCUK	10.397.051	25.622.844	25.854.540	15.949.325	33.650.871	37.602.314	36.762.961	102.737.504	123.164.556	147.727.046	177.199.838	183.676.241	156.799.617	210.355.554	225.546.026	1.593.160.005
	Arundas Alternatif 1	13.397.051	12.738.729	13.727.749	2.221.177	41.572.846	123.232.162	215.025.743	317.602.247	440.367.602	599.654.660	763.933.696	949.570.629	1.146.363.246	1.357.214.802	1.593.160.005	
	Isar PV	0.447	0.716	0.609	0.516	0.437	0.370	0.314	0.236	0.225	0.191	0.162	0.134	0.104	0.086	0.074	
	Peserta Valt	9.799.433	16.243.260	15.810.405	8.200.162	17.233.943	39.415.446	26.076.944	27.236.176	27.712.005	28.219.666	28.706.212	25.163.741	22.697.180	20.874.370	18.972.477	218.962.940
	NetPresentValue	25.595.639	263.262.472	247.121.529	267.594.957	254.659.156	226.023.403	173.102.367	50.775.116	123.063.161	34.947.234	60.141.032	42.377.342	18.149.652	2.724.639	21.704.310	
15%	PUCUK	10.397.051	25.622.844	25.854.540	15.949.325	33.650.871	37.602.314	36.762.961	102.737.504	123.164.556	147.727.046	177.199.838	183.676.241	156.799.617	210.355.554	225.546.026	1.593.160.005
	Arundas Alternatif 2	13.397.051	12.738.729	13.727.749	2.221.177	41.572.846	123.232.162	215.025.743	317.602.247	440.367.602	599.654.660	763.933.696	949.570.629	1.146.363.246	1.357.214.802	1.593.160.005	
	Isar PV	0.440	0.700	0.593	0.499	0.413	0.352	0.296	0.223	0.202	0.175	0.146	0.118	0.094	0.078	0.065	
	Peserta Valt	9.725.123	15.972.424	15.336.972	7.563.013	16.323.471	30.029.379	26.204.246	26.589.628	26.741.302	26.999.980	26.224.428	22.775.941	20.462.016	19.555.220	16.720.011	254.635.277
	NetPresentValue	25.479.639	263.262.162	247.211.529	254.743.256	239.713.457	207.330.379	141.990.039	56.407.400	130.666.009	104.666.048	79.440.670	55.664.679	36.199.653	16.843.373	76.639	
20%	PUCUK	10.397.051	25.622.844	25.854.540	15.949.325	33.650.871	37.602.314	36.762.961	102.737.504	123.164.556	147.727.046	177.199.838	183.676.241	156.799.617	210.355.554	225.546.026	1.593.160.005
	Arundas Alternatif 3	13.397.051	12.738.729	13.727.749	2.221.177	41.572.846	123.232.162	215.025.743	317.602.247	440.367.602	599.654.660	763.933.696	949.570.629	1.146.363.246	1.357.214.802	1.593.160.005	
	Isar PV	0.433	0.694	0.573	0.482	0.402	0.336	0.279	0.223	0.194	0.162	0.136	0.112	0.093	0.079	0.065	
	Peserta Valt	9.682.414	15.702.947	15.033.453	7.697.824	15.593.170	28.249.120	23.332.619	23.337.638	23.683.324	23.201.792	23.321.843	20.671.817	19.201.341	16.446.734	14.686.496	234.538.614
	NetPresentValue	25.595.672	263.211.253	247.210.100	254.855.170	238.936.541	202.647.400	145.713.340	61.775.363	137.962.029	113.962.257	90.029.414	63.456.537	41.155.256	24.709.522	20.022.025	20.022.025
IRR	15%	16.639														20.094.943	
ERR	20%	20.022.025															0.0000
ERR	15%	15.000%															
ERR	20%	20.000%															
ERR	15%	15.000%															
ERR	20%	20.000%															