

Hasil Kusioner Kriteria

Total Responden = 3 Orang

No.	Kode	Kriteria	Responden 1	Responden 2	Responden 3
1.	C1	Price	7	7	7
2.	C2	Time Delivery	6	7	6
3.	C3	Health Safety	6	7	7
4.	C4	Infrastructure	6	6	6
5.	C5	Office Equipment	5	6	7
6.	C6	Location	3	4	4
7.	C7	Variation Services	5	1	3
8.	C8	Company Status	4	4	4
9.	C9	Quality Management	4	5	4

Hasil Kusioner Bobot Preferensi Kriteria

Total Responden = 5 Orang

No	Kriteria	1	2	3	4	5
1	Price				R1,R2,R4,R5	R3
2	Time Delivery			R2	R1,R3,R4,R5	
3	Health and Safety					R1,R2,R3,R4,R5
4	Infrastructure			R1,R3,R4	R2,R5	
5	Office Equipment			R1,R2,R3,R4,R5		

No	Kriteria	1	2	3	4	5
1	Price				4	1
2	Time Delivery			1	4	
3	Health and Safety					5
4	Infrastructure			3	2	
5	Office Equipment			5		

1	Price				16	5
2	Time Delivery			3	16	
3	Health and Safety				25	
4	Infrastructure			9	8	
5	Office Equipment			15		

No	Keterangan			Bobot preferensi
1	Price	21	21/97	0.22
2	Time Delivery	25	19/97	0.20
3	Health and Safety	19	25/97	0.26
4	Infrastructure	17	17/97	0.18
5	Office Equipment	15	15/97	0.15
	Total	97		1

Hasil Site Visit Supplier PT Wira Logitama Saksama

No	Kriteria	Subkriteria	R1	R2	R3	R4	R5	Total	Grand Total
3.	Health and Safety	C3 - A	1	1	1	1	1	5	40
		C3 - B	1	1	1	1	1	5	
		C3 - C	1	1	1	1	1	5	
		C3 - D	1	1	1	1	1	5	
		C3 - E	1	1	1	1	1	5	
		C3 - F	1	1	1	1	1	5	
		C3 - G	1	1	1	1	1	5	
		C3 - H	1	1	1	1	1	5	
4.	Infrastructure	C4 - A	1	1	1	1	1	5	30
		C4 - B	1	1	1	1	1	5	
		C4 - C	1	1	1	1	1	5	
		C4 - D	1	1	1	1	1	5	
		C4 - E	1	1	1	1	1	5	
		C4 - F	1	1	1	1	1	5	
5.	Office Equipment	C5 - A	1	1	1	1	1	5	40
		C5 - B	1	1	1	1	1	5	
		C5 - C	1	1	1	1	1	5	
		C5 - D	1	1	1	1	1	5	
		C5 - E	1	1	1	1	1	5	
		C5 - F	1	1	1	1	1	5	
		C5 - G	1	1	1	1	1	5	
		C5 - H	1	1	1	1	1	5	

Hasil Site Visit Supplier PT Glory Sogotrans Mandiri

No	Kriteria	Subkriteria	R1	R2	R3	R4	R5	Total	Grand Total
3.	Health and Safety	C3 - A	1	1	1	1	1	5	35
		C3 - B	1	1	1	1	1	5	
		C3 - C	1	1	1	1	1	5	
		C3 - D	1	1	1	1	1	5	
		C3 - E	0	0	0	0	0	0	
		C3 - F	1	1	1	1	1	5	
		C3 - G	1	1	1	1	1	5	
		C3 - H	1	1	1	1	1	5	
4.	Infrastructure	C4 - A	1	1	1	1	1	5	25
		C4 - B	0	0	0	0	0	0	
		C4 - C	1	1	1	1	1	5	
		C4 - D	1	1	1	1	1	5	
		C4 - E	1	1	1	1	1	5	
		C4 - F	1	1	1	1	1	5	
5.	Office Equipment	C5 - A	1	1	1	1	1	5	40
		C5 - B	1	1	1	1	1	5	
		C5 - C	1	1	1	1	1	5	
		C5 - D	1	1	1	1	1	5	
		C5 - E	1	1	1	1	1	5	
		C5 - F	1	1	1	1	1	5	
		C5 - G	1	1	1	1	1	5	
		C5 - H	1	1	1	1	1	5	

Hasil Site Visit Supplier PT Iron Bird Logistik

No	Kriteria	Subkriteria	R1	R2	R3	R4	R5	Total	Grand Total
1.	Price								
2.	Delivery								
3.	Health and Safety	C3 - A	1	1	1	1	1	5	40
		C3 - B	1	1	1	1	1	5	
		C3 - C	1	1	1	1	1	5	
		C3 - D	1	1	1	1	1	5	
		C3 - E	1	1	1	1	1	5	
		C3 - F	1	1	1	1	1	5	
		C3 - G	1	1	1	1	1	5	
		C3 - H	1	1	1	1	1	5	
4.	Infrastructure	C4 - A	1	1	1	1	1	5	30
		C4 - B	1	1	1	1	1	5	
		C4 - C	1	1	1	1	1	5	
		C4 - D	1	1	1	1	1	5	
		C4 - E	1	1	1	1	1	5	
		C4 - F	1	1	1	1	1	5	
5.	Office Equipment	C5 - A	1	1	1	1	1	5	40
		C5 - B	1	1	1	1	1	5	
		C5 - C	1	1	1	1	1	5	
		C5 - D	1	1	1	1	1	5	
		C5 - E	1	1	1	1	1	5	
		C5 - F	1	1	1	1	1	5	
		C5 - G	1	1	1	1	1	5	
		C5 - H	1	1	1	1	1	5	

Hasil Site Visit Supplier PT Sumisho Global Logistik

No	Kriteria	Subkriteria	R1	R2	R3	R4	R5	Total	Grand Total
3.	Health and Safety	C3 - A	1	1	1	1	1	5	40
		C3 - B	1	1	1	1	1	5	
		C3 - C	1	1	1	1	1	5	
		C3 - D	1	1	1	1	1	5	
		C3 - E	1	1	1	1	1	5	
		C3 - F	1	1	1	1	1	5	
		C3 - G	1	1	1	1	1	5	
		C3 - H	1	1	1	1	1	5	
4.	Infrastructure	C4 - A	1	1	1	1	1	5	30
		C4 - B	1	1	1	1	1	5	
		C4 - C	1	1	1	1	1	5	
		C4 - D	1	1	1	1	1	5	
		C4 - E	1	1	1	1	1	5	
		C4 - F	1	1	1	1	1	5	
5.	Office Equipment	C5 - A	1	1	1	1	1	5	40
		C5 - B	1	1	1	1	1	5	
		C5 - C	1	1	1	1	1	5	
		C5 - D	1	1	1	1	1	5	
		C5 - E	1	1	1	1	1	5	
		C5 - F	1	1	1	1	1	5	
		C5 - G	1	1	1	1	1	5	
		C5 - H	1	1	1	1	1	5	

Hasil Site Visit Supplier PT Dunia Express

No	Kriteria	Subkriteria	R1	R2	R3	R4	R5	Total	Grand Total
1.	PTC								
2.	Delivery								
3.	Health and Safety	C3 - A	1	1	1	1	1	5	35
		C3 - B	1	1	1	1	1	5	
		C3 - C	1	1	1	1	1	5	
		C3 - D	1	1	1	1	1	5	
		C3 - E	1	1	1	1	1	5	
		C3 - F	0	0	0	0	0	0	
		C3 - G	1	1	1	1	1	5	
		C3 - H	1	1	1	1	1	5	
4.	Infrastructure	C4 - A	1	1	1	1	1	5	30
		C4 - B	1	1	1	1	1	5	
		C4 - C	1	1	1	1	1	5	
		C4 - D	1	1	1	1	1	5	
		C4 - E	1	1	1	1	1	5	
		C4 - F	1	1	1	1	1	5	
5.	Office Equipment	C5 - A	1	1	1	1	1	5	40
		C5 - B	1	1	1	1	1	5	
		C5 - C	1	1	1	1	1	5	
		C5 - D	1	1	1	1	1	5	
		C5 - E	1	1	1	1	1	5	
		C5 - F	1	1	1	1	1	5	
		C5 - G	1	1	1	1	1	5	
		C5 - H	1	1	1	1	1	5	

Summary Hasil Kuesioner Site Visit

No	Kriteria	C1	C2	C3	C4	C5
	Supplier					
1.	PT Wira Logitama S	Data	Data	40	30	40
2.	PT Glory Sogotrans M	Data	Data	35	25	40
3.	PT Iron Bird Transort	Data	Data	40	30	40
4.	PT Sumisho Global L	Data	Data	40	30	40
5.	PT Dunia Express T	Data	Data	35	30	40

PROMETHEE Excel Seleksi Kriteria

Code	Description	My.PUN	My.SCM	My.SLD
C1	Price	7	7	7
C2	Time & Delivery	6	7	6
C3	Health & Safety	6	7	7
C4	Infrastructure	6	6	6
C5	Office Equipment	5	6	7
C6	Location	3	4	6
C7	Variation of services	5	3	3
C8	Company Status	4	4	4
C9	Quality Management	4	5	4

weights 1 1 1

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0

My.PUN

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.SCM

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.SLD

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.PUN

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.SCM

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.SLD

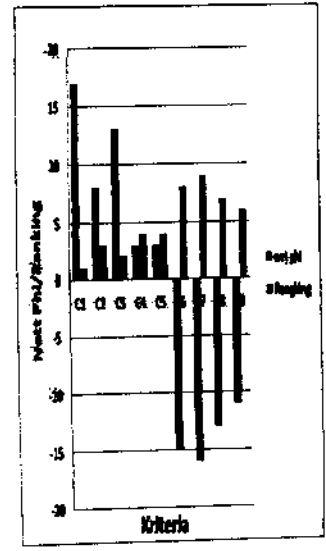
	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.PUN

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0

My.SCM

	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0



Summary Penawaran Harga Transportasi Trucking

No	Supplier	Description	Jabodetabek	Bandung	Cilegon	Surabaya	Semarang	Lampung	Medan
1.	PT Wira Logitama Saksama	Price	1,800,000	2,450,000	2,700,000	6,500,000	4,150,000	6,800,000	10,500,000
		Delivery Time	1 day	1 day	1 day	2 days	2 days	2 days	3 days
2.	PT Glory Sogotrans Mandiri	Price	1,850,000	2,600,000	2,750,000	6,700,000	4,400,000	6,750,000	11,000,000
		Delivery Time	1 day	1 day	1 day	3 days	2 days	3 days	4 days
3.	PT Iron Bird Transport	Price	1,950,000	2,750,000	2,500,000	6,450,000	4,500,000	6,750,000	10,600,000
		Delivery Time	1 day	1 day	1 day	2 days	2 days	3 days	3 days
4.	PT Sumisho Global Logistic	Price	1,900,000	2,680,000	2,630,000	6,600,000	4,525,000	6,900,000	11,200,000
		Delivery Time	1 day	1 day	1 day	2 days	2 days	2 days	3 days
5.	PT Dunia Express Transindo	Price	1,975,000	2,700,000	2,700,000	6,625,000	4,200,000	7,000,000	10,800,000
		Delivery Time	1 day	1 day	1 day	3 days	2 days	2 days	4 days

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan Jabodetabek (C2.1)

cost/benefit	cost	benefit	benefit	benefit	benefit
Bobot kepentingan	0,22	0,20	0,26	0,18	0,15
Alternatif / kriteria			C3	C4	C5
S1	1800000	1	40	30	40
S2	1850000	1	35	25	40
S3	1950000	1	40	30	40
S4	1900000	1	40	30	40
S5	1975000	1	35	30	40

Pembagi 4.239.767,093 2.23606798 85,14653183 65 89,4427191

0,4246	0,4472	0,4698	0,4615	0,4472
0,4363	0,4472	0,4111	0,3846	0,4472
0,4599	0,4472	0,4698	0,4615	0,4472
0,4481	0,4472	0,4698	0,4615	0,4472
0,4658	0,4472	0,4111	0,4615	0,4472

Ternormalisasi

0,0934	0,0894	0,1221	0,0831	0,0671
0,0960	0,0894	0,1069	0,0692	0,0671
0,1012	0,0894	0,1221	0,0831	0,0671
0,0986	0,0894	0,1221	0,0831	0,0671
0,1025	0,0894	0,1069	0,0831	0,0671

Terbobot

0,0934	0,0894	0,1221	0,0831	0,0671
0,1025	0,0894	0,1069	0,0692	0,0671

D+	0,0000	0,0208	0,0078	0,0052	0,0178
D-	0,0225	0,0065	0,0207	0,0210	0,0138
V	1,0000	0,2379	0,7263	0,8017	0,4380

V	Supplier
0,0000	S1
0,0208	S2
0,0078	S3
0,0052	S4
0,0178	S5

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan C2.2

cost/benefit	cost	cost	benefit	benefit	benefit
Bobot kepentingan	0,22	0,20	0,26	0,18	0,15
Alternatif / Inisialisasi			C3	C4	C5
S1	2450000	1	40	30	40
S2	2600000	1	35	25	40
S3	2750000	1	40	30	40
S4	2680000	1	40	30	40
S5	2700000	1	35	30	40

Penabagi 5.898.932,107 2.23606798 85.14693183 65 89.4427191

Terormalisasi	0,4153	0,4472	0,4698	0,4615	0,4472
	0,4408	0,4472	0,4111	0,3946	0,4472
	0,4662	0,4472	0,4698	0,4615	0,4472
	0,4543	0,4472	0,4698	0,4615	0,4472
	0,4577	0,4472	0,4111	0,4615	0,4472

Terbobot	0,0914	0,0894	0,1221	0,0831	0,0671
	0,0970	0,0894	0,1069	0,0692	0,0671
	0,1026	0,0894	0,1221	0,0831	0,0671
	0,1000	0,0894	0,1221	0,0831	0,0671
	0,1007	0,0894	0,1069	0,0831	0,0671

A+	0,0914	0,0894	0,1221	0,0831	0,0671
A-	0,1026	0,0894	0,1069	0,0692	0,0671

D+	0,0000	0,0214	0,0112	0,0086	0,0179
D-	0,0235	0,0056	0,0206	0,0208	0,0140
V	1,0000	0,2076	0,6482	0,7078	0,4385

D+	D-	V	Supplier
0,0000	0,0235	0,0000	S1
0,0214	0,0056	0,2076	S2
0,0112	0,0206	0,6482	S3
0,0086	0,0208	0,7078	S4
0,0179	0,0140	0,4385	S5

Best Alternative Supplier S1 > S4 > S3 > S5 > S2

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan (C2.3)

cost/benefit	cost	cost	benefit	benefit	benefit	benefit
Bobot kepentingan	0,22	0,20	0,26	0,18	C3	C5
Alternatif / kriteria					C4	C5
S1	2700000	1	40	30	30	40
S2	2750000	1	35	25	25	40
S3	2500000	1	40	30	30	40
S4	2630000	1	40	30	30	40
S5	2700000	1	35	30	30	40

Pembagi 5,942.171,320 2,23666798 85,14693183 65 89,427191

0,4544	0,4472	0,4698	0,4615	0,4472
0,4628	0,4472	0,4111	0,3946	0,4472
0,4207	0,4472	0,4698	0,4615	0,4472
0,4426	0,4472	0,4698	0,4615	0,4472
0,4544	0,4472	0,4111	0,4615	0,4472

Terminalisasi

0,1000	0,0894	0,1221	0,0831	0,0671
0,1018	0,0894	0,1069	0,0692	0,0671
0,0926	0,0894	0,1221	0,0831	0,0671
0,0974	0,0894	0,1221	0,0831	0,0671
0,1000	0,0894	0,1069	0,0831	0,0671

Terbobot

A+	0,0926	0,0894	0,1221	0,0831	0,0671
A-	0,1018	0,0894	0,1069	0,0692	0,0671

ID+	0,0074	0,0226	0,0000	0,0048	0,0170
ID-	0,0207	0,0000	0,0226	0,0211	0,0140
V	0,7365	0,0000	1,0000	0,8142	0,4515

V	Supplier
0,7365	S1
0,0000	S2
0,8142	S4
0,4515	S5

D+	0,0074	0,0207
D-	0,0226	0,0000
	0,0000	0,0226
	0,0048	0,0211
	0,0170	0,0140

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan Surabaya (C2.4)

cost/benefit	cost	cost	benefit	benefit	benefit
Bobot Isperingan	0,22	0,20	0,26	0,18	0,15
Alternatif / kriteria			C3	C4	C5
S1	6500000	2	40	30	40
S2	6700000	3	35	25	40
S3	6450000	2	40	30	40
S4	6600000	2	40	30	40
S5	6625000	3	35	30	40

Pembagi 14,703.507,235 5,47722558 85,14693183 65 89,4427191

0,4421	0,3651	0,4698	0,4615	0,4472
0,4557	0,5477	0,4111	0,3846	0,4472
0,4387	0,3651	0,4698	0,4615	0,4472
0,4489	0,3651	0,4698	0,4615	0,4472
0,4506	0,5477	0,4111	0,4615	0,4472

Ternormalisasi

0,0973	0,0730	0,1221	0,0831	0,0671
0,1002	0,1095	0,1069	0,0692	0,0671
0,0965	0,0730	0,1221	0,0831	0,0671
0,0988	0,0730	0,1221	0,0831	0,0671
0,0991	0,1095	0,1069	0,0831	0,0671

Terbobot

0,0965	0,0730	0,1221	0,0831	0,0671
0,1002	0,1095	0,1069	0,0692	0,0671

A+
A-

D+	0,0007	0,0421	0,0000	0,0022	0,0397
D-	0,0420	0,0000	0,0421	0,0420	0,0139
V	0,9825	0,0000	1,0000	0,9492	0,2594

D+	D-	V	Supplier
0,0007	0,0420	0,9825	S1
0,0421	0,0000	0,0000	S2
0,0000	0,0421		
0,0022	0,0420	0,9492	S4
0,0397	0,0139	0,2594	S5

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan Semarang (C2.5)

cost/benefit	cost	cost	benefit	benefit	benefit
Bobot kepentingan Alternatif / kriteria	0,22	0,20	0,26	0,18	0,15
S1	4150000	2	40	30	40
S2	4400000	2	35	25	40
S3	4500000	2	40	30	40
S4	4525000	2	40	30	40
S5	4200000	3	35	30	40

Pembagi 9.744.132,850 5.00000000 85,14693183 65 89,4427191

Terminalisasi	0,4259	0,4000	0,4698	0,4615	0,4472
	0,4516	0,4000	0,4111	0,3846	0,4472
	0,4618	0,4000	0,4698	0,4615	0,4472
	0,4644	0,4000	0,4698	0,4615	0,4472
	0,4310	0,6000	0,4111	0,4615	0,4472

Terbobot	0,0937	0,0800	0,1221	0,0831	0,0671
	0,0993	0,0800	0,1069	0,0692	0,0671
	0,1016	0,0800	0,1221	0,0831	0,0671
	0,1022	0,0800	0,1221	0,0831	0,0671
	0,0948	0,1200	0,1069	0,0831	0,0671

A+	0,0937	0,0800	0,1221	0,0831	0,0671
A-	0,1022	0,1200	0,1069	0,0692	0,0671

D+	0,0000	0,0214	0,0079	0,0085	0,0428
D-	0,0458	0,0401	0,0450	0,0450	0,0157
V	1,0000	0,6523	0,8506	0,8416	0,2679

D+	D-	V	Supplier
0,0000	0,0458		
0,0214	0,0401	0,6523	S2
0,0079	0,0450	0,8506	S3
0,0085	0,0450	0,8416	S4
0,0428	0,0157	0,2679	S5

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan Lampung (C2.6)

cost/benefit	cost	benefit	cost	benefit	benefit	benefit
Bobot kepentingan	0,22	0,20	0,26	0,18	0,15	0,15
Alternatif / kriteria			C3	C4	C5	C5
S1	6800000	2	40	30	40	40
S2	6750000	3	35	25	40	40
S3	6750000	3	40	30	40	40
S4	6900000	2	40	30	40	40
S5	7000000	2	35	30	40	40

Penbagi 15,296241368 5,4772558 85,14693183 65 89,4427191

Normalisasi

0,4446	0,3651	0,4698	0,4615	0,4472
0,4413	0,5477	0,4111	0,3846	0,4472
0,4413	0,5477	0,4698	0,4615	0,4472
0,4511	0,3651	0,4698	0,4615	0,4472
0,4576	0,3651	0,4111	0,4615	0,4472

Terbobot

0,0978	0,0730	0,1221	0,0831	0,0671
0,0971	0,1095	0,1069	0,0692	0,0671
0,0971	0,1095	0,1221	0,0831	0,0671
0,0992	0,0730	0,1221	0,0831	0,0671
0,1007	0,0730	0,1069	0,0831	0,0671

A+	0,0971	0,0730	0,1221	0,0831	0,0671
A-	0,1007	0,1095	0,1069	0,0692	0,0671

D+	0,0007	0,0419	0,0365	0,0022	0,0157
D-	0,0420	0,0036	0,0209	0,0420	0,0391
V	0,9832	0,0790	0,3643	0,9511	0,7134

D+	D-	V	Supplier
0,0007	0,0420	0,0790	S2
0,0419	0,0036	0,3643	S3
0,0365	0,0209	0,9511	S4
0,0022	0,0420	0,7134	S5
0,0157	0,0391		

Perhitungan Penentuan Alternatif 3PL dengan Metode TOPSIS.XLS Tujuan Medan (C2.7)

cost/benefit	cost	cost	benefit	benefit	benefit	benefit
Bobot kepentingan Alternatif / kriteria	0,22	0,20	0,26	0,18	0,15	
			C3	C4	C5	
S1	10500000	3	40	30	40	40
S2	11000000	4	35	25	40	40
S3	10600000	3	40	30	40	40
S4	11200000	3	40	30	40	40
S5	10800000	4	35	30	40	40

Pembagi 24.201.033,036 7,68114575 85,14693183 65 89,4427191

	0,4339	0,3906	0,4698	0,4615	0,4472
	0,4545	0,5208	0,4111	0,3846	0,4472
	0,4380	0,3906	0,4698	0,4615	0,4472
	0,4628	0,3906	0,4698	0,4615	0,4472
	0,4463	0,5208	0,4111	0,4615	0,4472

Ter-normalisasi

	0,0955	0,0781	0,1221	0,0831	0,0671
	0,1000	0,1042	0,1069	0,0692	0,0671
	0,0964	0,0781	0,1221	0,0831	0,0671
	0,1018	0,0781	0,1221	0,0831	0,0671
	0,0982	0,1042	0,1069	0,0831	0,0671

Terbobot

A+	0,0955	0,0781	0,1221	0,0831	0,0671
A-	0,1018	0,1042	0,1069	0,0692	0,0671

D+	0,0000	0,0000	0,0335	0,0009	0,0064	0,0303
D-	0,0338	0,0018	0,0018	0,0337	0,0332	0,0143
V	1,0000	0,0515	0,9737	0,8392	0,3208	

D+	D-	V	Supplier
0,0000	0,0338	0,0515	S2
0,0335	0,0018	0,9737	S3
0,0009	0,0337	0,8392	S4
0,0064	0,0332	0,3208	S5
0,0303	0,0143		