

Lampiran 6. Perhitungan Bahan Baku Semen dengan Metode (s,Q) System

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
1	01/01/2016	20		20	0	20		6200	1388	6200
2	02/01/2016	20		20	0	20			1388	6200
3	03/01/2016	20	6200	6220	0	6220			1388	6200
4	04/01/2016	6220		6016	440	5576			1388	6200
5	05/01/2016	5780		5780	480	5300			1388	6200
6	06/01/2016	5300		5300	480	4820			1388	6200
7	07/01/2016	4820		4820	520	4300			1388	6200
8	08/01/2016	4300		4300	520	3780			1388	6200
9	09/01/2016	3780		3780	520	3260			1388	6200
10	10/01/2016	3260		3260	0	3260			1388	6200
11	11/01/2016	3260		3260	440	2820			1388	6200
12	12/01/2016	2820		2820	440	2380			1388	6200
13	13/01/2016	2380		2380	440	1940			1388	6200
14	14/01/2016	1940		1940	440	1500			1388	6200
15	15/01/2016	1500		1500	520	980		6200	1388	6200
16	16/01/2016	980		980	440	540			1388	6200
17	17/01/2016	540	6200	6740	0	6740			1388	6200
18	18/01/2016	6740		6740	520	6220			1388	6200
19	19/01/2016	6220		6220	480	5740			1388	6200
20	20/01/2016	5740		5740	480	5260			1388	6200
21	21/01/2016	5260		5260	440	4820			1388	6200
22	22/01/2016	4820		4820	440	4380			1388	6200
23	23/01/2016	4380		4380	440	3940			1388	6200
24	24/01/2016	3940		3940	0	3940			1388	6200
25	25/01/2016	3940		3940	520	3420			1388	6200
26	26/01/2016	3420		3420	480	2940			1388	6200
27	27/01/2016	2940		2940	520	2420			1388	6200
28	28/01/2016	2420		2420	520	1900			1388	6200
29	29/01/2016	1900		1900	520	1380		6200	1388	6200
30	30/01/2016	1380		1380	440	940			1388	6200
31	31/01/2016	940	6200	7140	0	7140			1388	6200
32	01/02/2016	7140		7140	440	6700			1388	6200
33	02/02/2016	6700		6700	480	6220			1388	6200
34	03/02/2016	6220		6220	440	5780			1388	6200
35	04/02/2016	5780		5780	440	5340			1388	6200
36	05/02/2016	5340		5340	440	4900			1388	6200
37	06/02/2016	4900		4900	440	4460			1388	6200
38	07/02/2016	4460		4460	0	4460			1388	6200
39	08/02/2016	4460		4460	440	4020			1388	6200
40	09/02/2016	4020		4020	440	3580			1388	6200
41	10/02/2016	3580		3580	440	3140			1388	6200

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
42	11/02/2016	3140		3140	440	2700			1388	6200
43	12/02/2016	2700		2700	520	2180			1388	6200
44	13/02/2016	2180		2180	480	1700			1388	6200
45	14/02/2016	1700		1700	0	1700			1388	6200
46	15/02/2016	1700		1700	480	1220		6200	1388	6200
47	16/02/2016	1220		1220	480	740			1388	6200
48	17/02/2016	740	6200	6940	440	6500			1388	6200
49	18/02/2016	6500		6500	440	6060			1388	6200
50	19/02/2016	6060		6060	440	5620			1388	6200
51	20/02/2016	5620		5620	440	5180			1388	6200
52	21/02/2016	5180		5180	0	5180			1388	6200
53	22/02/2016	5180		5180	440	4740			1388	6200
54	23/02/2016	4740		4740	440	4300			1388	6200
55	24/02/2016	4300		4300	440	3860			1388	6200
56	25/02/2016	3860		3860	440	3420			1388	6200
57	26/02/2016	3420		3420	440	2980			1388	6200
58	27/02/2016	2980		2980	440	2540			1388	6200
59	28/02/2016	2540		2540	0	2540			1388	6200
60	29/02/2016	2540		2540	440	2100			1388	6200
:										
181	29/06/2016	5380		5380	480	4900			1388	6200
182	30/06/2016	4900		4900	480	4420			1388	6200
	Total				70000	680716		74400		

Lampiran 7. Perhitungan Bahan Baku Pasir Kali dengan Metode (s,Q) System

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
1	01/01/2016	0		0	0	0		11200	3550	11200
2	02/01/2016	0		0	0	0			3550	11200
3	03/01/2016	0	11200	11200	0	11200			3550	11200
4	04/01/2016	11200		11200	1155	10045			3550	11200
5	05/01/2016	10045		10045	1260	8785			3550	11200
6	06/01/2016	8785		8785	1260	7525			3550	11200
7	07/01/2016	7525		7525	1365	6160			3550	11200
8	08/01/2016	6160		6160	1365	4795			3550	11200
9	09/01/2016	4795		4795	1365	3430		11200	3550	11200
10	10/01/2016	3430		3430	0	3430			3550	11200
11	11/01/2016	3430	11200	14630	1155	13475			3550	11200
12	12/01/2016	13475		13475	1155	12320			3550	11200
13	13/01/2016	12320		12320	1155	11165			3550	11200
14	14/01/2016	11165		11165	1155	10010			3550	11200
15	15/01/2016	10010		10010	1260	8750			3550	11200
16	16/01/2016	8750		8750	1155	7595			3550	11200
17	17/01/2016	7595		7595	0	7595			3550	11200
18	18/01/2016	7595		7595	1365	6230			3550	11200
19	19/01/2016	6230		6230	1260	4970			3550	11200
20	20/01/2016	4970		4970	1260	3710			3550	11200
21	21/01/2016	3710		3710	1155	2555		11200	3550	11200
22	22/01/2016	2555		2555	1155	1400			3550	11200
23	23/01/2016	1400	11200	12600	1155	11445			3550	11200
24	24/01/2016	11445		11445	0	11445			3550	11200
25	25/01/2016	11445		11445	1365	10080			3550	11200
26	26/01/2016	10080		10080	1260	8820			3550	11200
27	27/01/2016	8820		8820	1365	7455			3550	11200
28	28/01/2016	7455		7455	1365	6090			3550	11200
29	29/01/2016	6090		6090	1365	4725			3550	11200
30	30/01/2016	4725		4725	1155	3570			3550	11200
31	31/01/2016	3570		3570	0	3570			3550	11200
32	01/02/2016	3570		3570	1155	2415		11200	3550	11200
33	02/02/2016	2415		2415	1260	1155			3550	11200
34	03/02/2016	1155	11200	12355	1155	11200			3550	11200
35	04/02/2016	11200		11200	1155	10045			3550	11200
36	05/02/2016	10045		10045	1155	8890			3550	11200
37	06/02/2016	8890		8890	1155	7735			3550	11200
38	07/02/2016	7735		7735	0	7735			3550	11200
39	08/02/2016	7735		7735	1155	6580			3550	11200
40	09/02/2016	6580		6580	1155	5425			3550	11200
41	10/02/2016	5425		5425	1155	4270			3550	11200

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
42	11/02/2016	4270		4270	1155	3115		11200	3550	11200
43	12/02/2016	3115		3115	1365	1750			3550	11200
44	13/02/2016	1750	11200	12950	1260	11690			3550	11200
45	14/02/2016	11690		11690	0	11690			3550	11200
46	15/02/2016	11690		11690	1260	10430			3550	11200
47	16/02/2016	10430		10430	1260	9170			3550	11200
48	17/02/2016	9170		9170	1155	8015			3550	11200
49	18/02/2016	8015		8015	1155	6860			3550	11200
50	19/02/2016	6860		6860	1155	5705			3550	11200
51	20/02/2016	5705		5705	1155	4550			3550	11200
52	21/02/2016	4550		4550	0	4550			3550	11200
53	22/02/2016	4550		4550	1155	3395		11200	3550	11200
54	23/02/2016	3395		3395	1155	2240			3550	11200
55	24/02/2016	2240	11200	13440	1155	12285			3550	11200
56	25/02/2016	12285		12285	1155	11130			3550	11200
57	26/02/2016	11130		11130	1155	9975			3550	11200
58	27/02/2016	9975		9975	1155	8820			3550	11200
59	28/02/2016	8820		8820	0	8820			3550	11200
60	29/02/2016	8820		8820	1155	7665			3550	11200
:										
181	29/06/2016	9380		9380	1260	8120			3550	11200
182	30/06/2016	8120		8120	1260	6860			3550	11200
Total					183540	1277955	0	190400		

Lampiran 8. Perhitungan Bahan Baku Pasir Gowa dengan Metode (s,Q) System

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stock Akhir	Shortage	Order	s	Q
1	01/01/2016	255		255	0	255		13600	5022	13600
2	02/01/2016	255		255	0	255			5022	13600
3	03/01/2016	255	13600	13855	0	13855			5022	13600
4	04/01/2016	13855		13855	1650	12205			5022	13600
5	05/01/2016	12205		12205	1800	10405			5022	13600
6	06/01/2016	10405		10405	1800	8605			5022	13600
7	07/01/2016	8605		8605	1950	6655			5022	13600
8	08/01/2016	6655		6655	1950	4705		13600	5022	13600
9	09/01/2016	4705		4705	1950	2755			5022	13600
10	10/01/2016	2755	13600	16355	0	16355			5022	13600
11	11/01/2016	16355		16355	1650	14705			5022	13600
12	12/01/2016	14705		14705	1650	13055			5022	13600
13	13/01/2016	13055		13055	1650	11405			5022	13600
14	14/01/2016	11405		11405	1650	9755			5022	13600
15	15/01/2016	9755		9755	1950	7805			5022	13600
16	16/01/2016	7805		7805	1650	6155			5022	13600
17	17/01/2016	6155		6155	0	6155			5022	13600
18	18/01/2016	6155		6155	1950	4205		13600	5022	13600
19	19/01/2016	4205		4205	1800	2405			5022	13600
20	20/01/2016	2405	13600	16005	1800	14205			5022	13600
21	21/01/2016	14205		14205	1650	12555			5022	13600
22	22/01/2016	12555		12555	1650	10905			5022	13600
23	23/01/2016	10905		10905	1650	9255			5022	13600
24	24/01/2016	9255		9255	0	9255			5022	13600
25	25/01/2016	9255		9255	1950	7305			5022	13600
26	26/01/2016	7305		7305	1800	5505			5022	13600
27	27/01/2016	5505		5505	1950	3555		13600	5022	13600
28	28/01/2016	3555		3555	1950	1605			5022	13600
29	29/01/2016	1605	13600	15205	1950	13255			5022	13600
30	30/01/2016	13255		13255	1650	11605			5022	13600
31	31/01/2016	11605		11605	0	11605			5022	13600
32	01/02/2016	11605		11605	1650	9955			5022	13600
33	02/02/2016	9955		9955	1800	8155			5022	13600
34	03/02/2016	8155		8155	1650	6505			5022	13600
35	04/02/2016	6505		6505	1650	4855		13600	5022	13600
36	05/02/2016	4855		4855	1650	3205			5022	13600
37	06/02/2016	3205	13600	16805	1650	15155			5022	13600
38	07/02/2016	15155		15155	0	15155			5022	13600
39	08/02/2016	15155		15155	1650	13505			5022	13600
40	09/02/2016	13505		13505	1650	11855			5022	13600
41	10/02/2016	11855		11855	1650	10205			5022	13600

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stock Akhir	Shortage	Order	s	Q
42	11/02/2016	10205		10205	1650	8555			5022	13600
43	12/02/2016	8555		8555	1950	6605			5022	13600
44	13/02/2016	6605		6605	1800	4805		13600	5022	13600
45	14/02/2016	4805		4805	0	4805			5022	13600
46	15/02/2016	4805	13600	18405	1800	16605			5022	13600
47	16/02/2016	16605		16605	1800	14805			5022	13600
48	17/02/2016	14805		14805	1650	13155			5022	13600
49	18/02/2016	13155		13155	1650	11505			5022	13600
50	19/02/2016	11505		11505	1650	9855			5022	13600
51	20/02/2016	9855		9855	1650	8205			5022	13600
52	21/02/2016	8205		8205	0	8205			5022	13600
53	22/02/2016	8205		8205	1650	6555			5022	13600
54	23/02/2016	6555		6555	1650	4905		13600	5022	13600
55	24/02/2016	4905		4905	1650	3255			5022	13600
56	25/02/2016	3255	13600	16855	1650	15205			5022	13600
57	26/02/2016	15205		15205	1650	13555			5022	13600
58	27/02/2016	13555		13555	1650	11905			5022	13600
59	28/02/2016	11905		11905	0	11905			5022	13600
60	29/02/2016	11905		11905	1650	10255			5022	13600
:										
181	29/06/2016	13355		13355	1800	11555			5022	13600
182	30/06/2016	11555		11555	1800	9755			5022	13600
	Total				262500	1635510	0	272000		

Lampiran 9. Perhitungan Bahan Baku *Flyash* dengan Metode (s,Q) System

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
1	01/01/2016	20		20	0	20		6640	1394	6640
2	02/01/2016	20		20	0	20			1394	6640
3	03/01/2016	20	6640	6660	0	6660			1394	6640
4	04/01/2016	6660		6016	440	5576			1394	6640
5	05/01/2016	6220		6220	480	5740			1394	6640
6	06/01/2016	5740		5740	480	5260			1394	6640
7	07/01/2016	5260		5260	520	4740			1394	6640
8	08/01/2016	4740		4740	520	4220			1394	6640
9	09/01/2016	4220		4220	520	3700			1394	6640
10	10/01/2016	3700		3700	0	3700			1394	6640
11	11/01/2016	3700		3700	440	3260			1394	6640
12	12/01/2016	3260		3260	440	2820			1394	6640
13	13/01/2016	2820		2820	440	2380			1394	6640
14	14/01/2016	2380		2380	440	1940			1394	6640
15	15/01/2016	1940		1940	520	1420			1394	6640
16	16/01/2016	1420		1420	440	980		6640	1394	6640
17	17/01/2016	980		980	0	980			1394	6640
18	18/01/2016	980	6640	7620	520	7100			1394	6640
19	19/01/2016	7100		7100	480	6620			1394	6640
20	20/01/2016	6620		6620	480	6140			1394	6640
21	21/01/2016	6140		6140	440	5700			1394	6640
22	22/01/2016	5700		5700	440	5260			1394	6640
23	23/01/2016	5260		5260	440	4820			1394	6640
24	24/01/2016	4820		4820	0	4820			1394	6640
25	25/01/2016	4820		4820	520	4300			1394	6640
26	26/01/2016	4300		4300	480	3820			1394	6640
27	27/01/2016	3820		3820	520	3300			1394	6640
28	28/01/2016	3300		3300	520	2780			1394	6640
29	29/01/2016	2780		2780	520	2260			1394	6640
30	30/01/2016	2260		2260	440	1820			1394	6640
31	31/01/2016	1820		1820	0	1820			1394	6640
32	01/02/2016	1820		1820	440	1380		6640	1394	6640
33	02/02/2016	1380		1380	480	900			1394	6640
34	03/02/2016	900	6640	7540	440	7100			1394	6640
35	04/02/2016	7100		7100	440	6660			1394	6640
36	05/02/2016	6660		6660	440	6220			1394	6640
37	06/02/2016	6220		6220	440	5780			1394	6640
38	07/02/2016	5780		5780	0	5780			1394	6640
39	08/02/2016	5780		5780	440	5340			1394	6640
40	09/02/2016	5340		5340	440	4900			1394	6640
41	10/02/2016	4900		4900	440	4460			1394	6640

No	Tanggal	Stock Awal	Receipt	Total Stock	Demand User	Stok Akhir	Shortage	Order	s	Q
42	11/02/2016	4460		4460	440	4020			1394	6640
43	12/02/2016	4020		4020	520	3500			1394	6640
44	13/02/2016	3500		3500	480	3020			1394	6640
45	14/02/2016	3020		3020	0	3020			1394	6640
46	15/02/2016	3020		3020	480	2540			1394	6640
47	16/02/2016	2540		2540	480	2060			1394	6640
48	17/02/2016	2060		2060	440	1620			1394	6640
49	18/02/2016	1620		1620	440	1180		6640	1394	6640
50	19/02/2016	1180		1180	440	740			1394	6640
51	20/02/2016	740	6640	7380	440	6940			1394	6640
52	21/02/2016	6940		6940	0	6940			1394	6640
53	22/02/2016	6940		6940	440	6500			1394	6640
54	23/02/2016	6500		6500	440	6060			1394	6640
55	24/02/2016	6060		6060	440	5620			1394	6640
56	25/02/2016	5620		5620	440	5180			1394	6640
57	26/02/2016	5180		5180	440	4740			1394	6640
58	27/02/2016	4740		4740	440	4300			1394	6640
59	28/02/2016	4300		4300	0	4300			1394	6640
60	29/02/2016	4300		4300	440	3860			1394	6640
:										
181	29/06/2016	4020		4020	480	3540			1394	6640
182	30/06/2016	3540		3540	480	3060			1394	6640
	Total				70000	728596		73040		

Lampiran 10. Perhitungan Bahan Baku Abu Batu dengan Metode (s,Q) System

No	Tanggal	Stock	Recei pt	Total Stock	Demand User	Stock Akhir	Shorta ge	Order	s	Q
1	01/01/2016	0		0	0	0		5800	989	5800
2	02/01/2016	0		0	0	0			989	5800
3	03/01/2016	0	5800	5800	0	5800			989	5800
4	04/01/2016	5800		5800	308	5492			989	5800
5	05/01/2016	5492		5492	336	5156			989	5800
6	06/01/2016	5156		5156	336	4820			989	5800
7	07/01/2016	4820		4820	364	4456			989	5800
8	08/01/2016	4456		4456	364	4092			989	5800
9	09/01/2016	4092		4092	364	3728			989	5800
10	10/01/2016	3728		3728	0	3728			989	5800
11	11/01/2016	3728		3728	308	3420			989	5800
12	12/01/2016	3420		3420	308	3112			989	5800
13	13/01/2016	3112		3112	308	2804			989	5800
14	14/01/2016	2804		2804	308	2496			989	5800
15	15/01/2016	2496		2496	364	2132			989	5800
16	16/01/2016	2132		2132	308	1824			989	5800
17	17/01/2016	1824		1824	0	1824			989	5800
18	18/01/2016	1824		1824	364	1460			989	5800
19	19/01/2016	1460		1460	336	1124			989	5800
20	20/01/2016	1124		1124	336	788		5800	989	5800
21	21/01/2016	788		788	308	480			989	5800
22	22/01/2016	480	5800	6280	308	5972			989	5800
23	23/01/2016	5972		5972	308	5664			989	5800
24	24/01/2016	5664		5664	0	5664			989	5800
25	25/01/2016	5664		5664	364	5300			989	5800
26	26/01/2016	5300		5300	336	4964			989	5800
27	27/01/2016	4964		4964	364	4600			989	5800
28	28/01/2016	4600		4600	364	4236			989	5800
29	29/01/2016	4236		4236	364	3872			989	5800
30	30/01/2016	3872		3872	308	3564			989	5800
31	31/01/2016	3564		3564	0	3564			989	5800
32	01/02/2016	3564		3564	308	3256			989	5800
33	02/02/2016	3256		3256	336	2920			989	5800
34	03/02/2016	2920		2920	308	2612			989	5800
35	04/02/2016	2612		2612	308	2304			989	5800
36	05/02/2016	2304		2304	308	1996			989	5800
37	06/02/2016	1996		1996	308	1688			989	5800
38	07/02/2016	1688		1688	0	1688			989	5800
39	08/02/2016	1688		1688	308	1380			989	5800
40	09/02/2016	1380		1380	308	1072			989	5800
41	10/02/2016	1072		1072	308	764		5800	989	5800

No	Tanggal	Stock	Recei pt	Total Stock	Demand User	Stock Akhir	Shorta ge	Order	s	Q
42	11/02/2016	764		764	308	456			989	5800
43	12/02/2016	456	5800	6256	364	5892			989	5800
44	13/02/2016	5892		5892	336	5556			989	5800
45	14/02/2016	5556		5556	0	5556			989	5800
46	15/02/2016	5556		5556	336	5220			989	5800
47	16/02/2016	5220		5220	336	4884			989	5800
48	17/02/2016	4884		4884	308	4576			989	5800
49	18/02/2016	4576		4576	308	4268			989	5800
50	19/02/2016	4268		4268	308	3960			989	5800
51	20/02/2016	3960		3960	308	3652			989	5800
52	21/02/2016	3652		3652	0	3652			989	5800
53	22/02/2016	3652		3652	308	3344			989	5800
54	23/02/2016	3344		3344	308	3036			989	5800
55	24/02/2016	3036		3036	308	2728			989	5800
56	25/02/2016	2728		2728	308	2420			989	5800
57	26/02/2016	2420		2420	308	2112			989	5800
58	27/02/2016	2112		2112	308	1804			989	5800
59	28/02/2016	1804		1804	0	1804			989	5800
60	29/02/2016	1804		1804	308	1496			989	5800
:										
181	29/06/2016	3872		3872	336	3536			989	5800
182	30/06/2016	3536		3536	336	3200			989	5800
Total					49000	606592	0	52200		