

ELEMENTAL SUMMARY - Output 3-ENERGY EFFICIENCY

40m² Standard Unit with double pitched roof

Total Construction Area 40

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
A PRIMARY ELEMENTS	12 538	316.61	91.67%
1 Foundations	0	0.00	0.00%
2 Ground floor construction	0	0.00	0.00%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	3 543	89.47	25.90%
6 Roofs	1 248	31.52	9.12%
7 Internal divisions	0	0.00	0.00%
8 Partitions	0	0.00	0.00%
9 Floor finishes	0	0.00	0.00%
10 Internal wall finishes	1 238	31.26	9.05%
11 Ceilings and soffits	6 509	164.36	47.59%
12 Fittings	0	0.00	0.00%
13 Electrical installation	0	0.00	0.00%
14 Internal plumbing	0	0.00	0.00%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
25 Ventilation	0	0.00	0.00%
26 Heating	0	0.00	0.00%
27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%

ELEMENTAL SUMMARY - Output 3-ENERGY EFFICIENCY

40m² Standard Unit with double pitched roof

Total Construction Area 40

	35 Security systems	0	0.00	0.00%
	36 Communication systems	0	0.00	0.00%
	37 Prefabricated cold rooms	0	0.00	0.00%
	38 Signage	0	0.00	0.00%
	39 Artwork	0	0.00	0.00%
	40 Miscellaneous items	0	0.00	0.00%
C	ALTERATIONS	0	0.00	0.00%
			0.00	0.00%
	41 Alteration	0		
D	EXTERNAL WORKS AND SERVICES	0	0.00	0.00%
	42 Soil drainage	0	0.00	0.00%
	43 Sub-surface water drainage	0	0.00	0.00%
	44 Stormwater drainage	0	0.00	0.00%
	45 Water supplies	0	0.00	0.00%
	46 Fire service	0	0.00	0.00%
	47 External electrical installations	0	0.00	0.00%
	48 Connection fees, etc	0	0.00	0.00%
	49 Demolitions	0	0.00	0.00%
	50 Site clearance	0	0.00	0.00%
	51 Earthworks	0	0.00	0.00%
	52 Boundary, screen and retaining	0	0.00	0.00%
	53 Fencing and gates	0	0.00	0.00%
	54 Roads, paving, etc	0	0.00	0.00%
	55 Covered parking, walkways, etc	0	0.00	0.00%
	56 Pergolas, canopies, etc	0	0.00	0.00%
	57 Minor construction work	0	0.00	0.00%
	58 Pools, etc	0	0.00	0.00%
	59 Sports facilities	0	0.00	0.00%
	60 Garden works	0	0.00	0.00%
	61 Miscellaneous items	0	0.00	0.00%
E	TRAINING	0	0.00	0.00%
	62 Training	0	0.00	0.00%
F	PRELIMINARIES	1 140	28.78	8.33%
	63 Preliminaries	1 140	28.78	8.33%
G	PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
	64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST		13 678	345.39	100.00%

COST PLAN - OUTPUT 3-ENERGY EFFICIENCY

40m² Standard Unit with double pitched roof

CONSTRUCTION AREA 40 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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A PRIMARY ELEMENTS

1.0 External envelope

					-	0.00%
1.1	No	958	1 916		48	14.01%
1.2	No	725	1 451		37	10.61%
1.3	No	176	176		4	1.29%
					3 543	25.90%

2.0 Roofs

2.1	m	40	1 248		31.52	9.12%
					1 248	9.12%

3.0 Internal wall finishes

3.1	m ²	11	1 238		31	9.05%
					1 238	9.05%

4.0 Ceilings and soffits

4.1	m ²	135	5 400		136	39.48%
4.2	m ²	28	1 109		28	8.11%
					6 509	47.59%

B SPECIALIST INSTALLATIONS

Excluded

C ALTERATIONS

Excluded

D EXTERNAL WORKS AND SERVICES

Excluded

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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E TRAINING

Excluded

F PRELIMINARIES

5.0 Preliminaries

		9.09%	1 140		29	8.33%
				1 140	29	8.33%

G PRICE AND DETAIL DEVELOPMENT

6.0 Price and detail development

6.1 Price and detail development

		0%	-		-	0.00%
				-	-	0.00%

TOTAL IMPROVEMENT COSTS				13 678		100.00%
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ELEMENTAL SUMMARY - Output 4a- Electrical installation (without ceiling)

40m² Standard Unit with double pitched roof

Total Construction Area 40

Elemental Total	Rate/m ² of Building Area	% of Total Cost
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	Elemental Total	Rate/m ² of Building Area	% of Total Cost
A PRIMARY ELEMENTS	6 086	153.68	91.67%
1 Foundations	0	0.00	0.00%
2 Ground floor construction	0	0.00	0.00%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	0	0.00	0.00%
6 Roofs	0	0.00	0.00%
7 Internal divisions	0	0.00	0.00%
8 Partitions	0	0.00	0.00%
9 Floor finishes	0	0.00	0.00%
10 Internal wall finishes	0	0.00	0.00%
11 Ceilings and soffits	0	0.00	0.00%
12 Fittings	0	0.00	0.00%
13 Electrical installation	6 086	153.68	91.67%
14 Internal plumbing	0	0.00	0.00%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
25 Ventilation	0	0.00	0.00%
26 Heating	0	0.00	0.00%
27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%
35 Security systems	0	0.00	0.00%

ELEMENTAL SUMMARY - Output 4a- Electrical installation (without ceiling)			
40m² Standard Unit with double pitched roof			
	Total Construction Area		40
	Elemental Total	Rate/m² of Building Area	% of Total Cost
36 Communication systems	0	0.00	0.00%
37 Prefabricated cold rooms	0	0.00	0.00%
38 Signage	0	0.00	0.00%
39 Artwork	0	0.00	0.00%
40 Miscellaneous items	0	0.00	0.00%
C ALTERATIONS	0	0.00	0.00%
41 Alteration	0	0.00	0.00%
EXTERNAL WORKS AND SERVICES	0	0.00	0.00%
D			
42 Soil drainage	0	0.00	0.00%
43 Sub-surface water drainage	0	0.00	0.00%
44 Stormwater drainage	0	0.00	0.00%
45 Water supplies	0	0.00	0.00%
46 Fire service	0	0.00	0.00%
47 External electrical installations	0	0.00	0.00%
48 Connection fees, etc	0	0.00	0.00%
49 Demolitions	0	0.00	0.00%
50 Site clearance	0	0.00	0.00%
51 Earthworks	0	0.00	0.00%
52 Boundary, screen and retaining	0	0.00	0.00%
53 Fencing and gates	0	0.00	0.00%
54 Roads, paving, etc	0	0.00	0.00%
55 Covered parking, walkways, etc	0	0.00	0.00%
56 Pergolas, canopies, etc	0	0.00	0.00%
57 Minor construction work	0	0.00	0.00%
58 Pools, etc	0	0.00	0.00%
59 Sports facilities	0	0.00	0.00%
60 Garden works	0	0.00	0.00%
61 Miscellaneous items	0	0.00	0.00%
E TRAINING	0	0.00	0.00%
62 Training	0	0.00	0.00%
F PRELIMINARIES	553	13.97	8.33%
63 Preliminaries	553	13.97	8.33%
PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
G			
64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST	6 639	167.65	100.00%

COST PLAN - OUTPUT 4a- Electrical installation (without ceiling)
40m² Standard Unit with double pitched roof

CONSTRUCTION AREA 40 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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A PRIMARY ELEMENTS

1.0 Electrical installation (without suspended ceiling)

1.1 Ready board (RBO) incl. BH with 63 Amp earth leakage relay and 2 x 20 Amp circuit breaker	1	item	1 800	1 800	45	27.11%
1.2 Polycarbonate fitting	3	No	550	1 650	42	24.85%
1.3 Wellglass BH	1	No	430	430	11	6.48%
1.4 1-lever switch	3	No	50	150	4	2.26%
1.5 16 Amp socket outlets	3	No	80	240	6	3.61%
1.6 Twin & earth 2,5 cable	21	m	15	305	8	4.59%
1.7 Twin & earth 1mm cable	30	m	12	360	9	5.42%
1.8 25mm PVC trunking	6	m	42	239	6	3.61%
1.9 20mm PVC conduit	51	m	40	2 040	52	30.73%
1.10 100 x 100mm PVC box	3	No	15	45	1	0.68%
1.11 50 x 100mm PVC box	4	No	14	56	1	0.84%
1.12 14 Watt - CFL lamps	5	No	50	250	6	3.77%
1.13 Conduit saddles	15	m	-	-	-	0.00%
1.14 Earth electrode	1	item	100	100	3	1.51%
1.15 Supply cable (allowance)	1	item	1 200	1 200	30	18.07%
1.16 Omit original allowance	(1)	item	2 779	(2 779)	(70)	-41.86%
				6 086	154	91.67%

B SPECIALIST INSTALLATIONS

Excluded

C ALTERATIONS

Excluded

D EXTERNAL WORKS AND SERVICES

Excluded

E TRAINING

62.0 Miscellaneous items

62.1 Additional preliminaries		m ²	-	-	-	0.00%
62.2 Institutional training		m ²	-	-	-	0.00%
62.3 Practical training	-	%	-	-	-	0.00%
				-	-	0.00%

F PRELIMINARIES

63.0 Preliminaries

	9.09%	553	14	8.33%
			553	14
				8.33%

G PRICE AND DETAIL DEVELOPMENT

64.0 Price and detail development

64.1 Price and detail development	0%	-	-	0.00%
				-
				-
				0.00%

TOTAL IMPROVEMENT COSTS

6 639

100.00%

ELEMENTAL SUMMARY - Output 4b- Electrical installation (with ceiling)
40m² Standard Unit with double pitched roof

Total Construction Area 40

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
A PRIMARY ELEMENTS	4 030	101.77	91.67%
1 Foundations	0	0.00	0.00%
2 Ground floor construction	0	0.00	0.00%
3 Structural frame	0	0.00	0.00%
4 Independent structural components	0	0.00	0.00%
5 External envelope	0	0.00	0.00%
6 Roofs	0	0.00	0.00%
7 Internal divisions	0	0.00	0.00%
8 Partitions	0	0.00	0.00%
9 Floor finishes	0	0.00	0.00%
10 Internal wall finishes	0	0.00	0.00%
11 Ceilings and soffits	0	0.00	0.00%
12 Fittings	0	0.00	0.00%
13 Electrical installation	4 030	101.77	91.67%
14 Internal plumbing	0	0.00	0.00%
15 Fire services	0	0.00	0.00%
16 Balustrading, etc	0	0.00	0.00%
17 Miscellaneous items	0	0.00	0.00%
B SPECIAL INSTALLATIONS	0	0.00	0.00%
18 Piling	0	0.00	0.00%
19 Sun control screens, grilles, etc	0	0.00	0.00%
20 Raised access floors	0	0.00	0.00%
21 Special fire protection	0	0.00	0.00%
22 Lifts	0	0.00	0.00%
23 Escalators	0	0.00	0.00%
24 Air conditioning	0	0.00	0.00%
25 Ventilation	0	0.00	0.00%
26 Heating	0	0.00	0.00%
27 Special electrical installations	0	0.00	0.00%
28 Other services	0	0.00	0.00%
29 Compactors	0	0.00	0.00%
30 Access control	0	0.00	0.00%
31 Gondolas	0	0.00	0.00%
32 Stoves	0	0.00	0.00%
33 Kitchen equipment	0	0.00	0.00%
34 Specialised equipment	0	0.00	0.00%
35 Security systems	0	0.00	0.00%

ELEMENTAL SUMMARY - Output 4b- Electrical installation (with ceiling)
40m² Standard Unit with double pitched roof

Total Construction Area 40

	Elemental Total	Rate/m ² of Building Area	% of Total Cost
36 Communication systems	0	0.00	0.00%
37 Prefabricated cold rooms	0	0.00	0.00%
38 Signage	0	0.00	0.00%
39 Artwork	0	0.00	0.00%
40 Miscellaneous items	0	0.00	0.00%
C ALTERATIONS	0	0.00	0.00%
41 Alteration	0	0.00	0.00%
EXTERNAL WORKS AND SERVICES	0	0.00	0.00%
D			
42 Soil drainage	0	0.00	0.00%
43 Sub-surface water drainage	0	0.00	0.00%
44 Stormwater drainage	0	0.00	0.00%
45 Water supplies	0	0.00	0.00%
46 Fire service	0	0.00	0.00%
47 External electrical installations	0	0.00	0.00%
48 Connection fees, etc	0	0.00	0.00%
49 Demolitions	0	0.00	0.00%
50 Site clearance	0	0.00	0.00%
51 Earthworks	0	0.00	0.00%
52 Boundary, screen and retaining	0	0.00	0.00%
53 Fencing and gates	0	0.00	0.00%
54 Roads, paving, etc	0	0.00	0.00%
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57 Minor construction work	0	0.00	0.00%
58 Pools, etc	0	0.00	0.00%
59 Sports facilities	0	0.00	0.00%
60 Garden works	0	0.00	0.00%
61 Miscellaneous items	0	0.00	0.00%
E TRAINING	0	0.00	0.00%
62 Training	0	0.00	0.00%
F PRELIMINARIES	366	9.25	8.33%
63 Preliminaries	366	9.25	8.33%
PRICE AND DETAIL DEVELOPMENT	0	0.00	0.00%
G			
64 Price and detail development	0	0.00	0.00%
TOTAL IMPROVEMENT COST	4 396	111.02	100.00%

COST PLAN - OUTPUT 4b- Electrical installation (with ceiling)
40m² Standard Unit with double pitched roof

CONSTRUCTION AREA 40 m²

Qty	Unit	Rate	Component Cost	Elemental Total	Rate /m ²	% of Cost
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A PRIMARY ELEMENTS

1.0 Electrical installation (with suspended ceiling)

1.1 Ready board (RBO) incl. BH with 63 Amp earth leakage relay and 2 x 20 Amp circuit breaker	1	item	1 800	1 800	45	40.94%
1.2 Polycarbonate fitting	3	No	550	1 650	42	37.53%
1.3 Wellglass BH	1	No	430	430	11	9.78%
1.4 1-lever switch	3	No	50	150	4	3.41%
1.5 16 Amp socket outlets	3	No	80	240	6	5.46%
1.6 Twin & earth 2,5 cable	20	m	15	290	7	6.60%
1.7 Twin & earth 1mm cable	6	m	12	72	2	1.64%
1.8 25mm PVC trunking	3	m	42	126	3	2.87%
1.9 20mm PVC conduit	10	m	40	400	10	9.10%
1.10 100 x 100mm PVC box	3	No	15	45	1	1.02%
1.11 50 x 100mm PVC box	4	No	14	56	1	1.27%
1.12 14 Watt - CFL lamps	5	No	50	250	6	5.69%
1.13 Conduit saddles	15	m	-	-	-	0.00%
1.14 Earth electrode	1	item	100	100	3	2.27%
1.15 Supply cable (allowance)	1	item	1 200	1 200	30	27.30%
1.16 Omit original allowance	(1)	item	2 779	(2 779)	(70)	-63.21%
				4 030	102	91.67%

B SPECIALIST INSTALLATIONS

Excluded

C ALTERATIONS

Excluded

D EXTERNAL WORKS AND SERVICES

Excluded

E TRAINING

F PRELIMINARIES

63.0 Preliminaries	9.09%	366	9	8.33%
			366	9
				8.33%

G PRICE AND DETAIL DEVELOPMENT

64.0 Price and detail development

64.1 Price and detail development	0%	-	-	0.00%
			-	0.00%

TOTAL IMPROVEMENT COSTS 4 396 100.00%