

<u>Supply, replace and connect flush switch sockets in a wallbox, complete with support frame, modules and cover plates:</u>				
29	Combination Socket Outlet - Switched 16 Amp RSA 3-pin socket with V-slimline 16A RSA outlet	No		
30	Multi unit outlet, 3 x Normal, 2 x slimline 2pin, 1 x data, 1 x tel	No		
31	Labeling of socket outlets as per specification			SUM
<u>Supply, replace and connect unswitch sockets in ceiling void, complete with a round box.:</u>				
32	5 Amp unswitch socket complete with round box. To be mounted on either wire tray or via conduits on purlins,walls etc	No		
<u>Supply, replace and connect switch sockets in power skirting complete with cover plates.:</u>				
33	16 Amp Single Socket on power skirting	No		
34	16 Amp Slimline 3-pin on power skirting	No		
35	16 Amp Single Dedicated socket on power skirting	No		
36	Data RJ45 outlet on power skirting	No		
37	Tel RJ11 outlet on power skirting	No		
<u>ISOLATORS</u>				
<u>Supply, replace and connect isolators complete in a wallbox including a white cover plate.:</u>				
38	60 Amp 2 pole Isolator complete with a weather proof enclosure	No	2	
39	60 Amp 3 pole Isolator complete with a weather proof enclosure	No		
40	Labeling of Isolator outlets as per specification			SUM
<u>LUMINAIRES</u>				
Carried to Collection				R
Section No. 4				
Bill No. 6				
Block D				
RUBIQUANT QUANTITY SURVEYORS				

Supply, replace and connect luminaires complete with lamps, fixings, brass screws, washers, etc.:

41	New Type F1	No	3
42	New Type F3	No	1
43	New Type B1	No	12
44	New Type B2	No	9

LIGHTNING PROTECTION

The lightning protection installation shall be design and installed by a specialist in this field as per specification and shall provide a valid COC.

45	Allow the amount of R12 500.00 (Twelve Thousand Five Hundred Rand) for lightning protection.	Item	12 500 00
46	Profit and Attendance	Item	

EARTHING AND BONDING

47	Earthing of all buildings to comply with the latest SABS 0142-1993 Code of Practice for The Wiring of Premises as amended and as specified. Bonding of all hot, cold and waste pipes complete with including fixings, brass screws, nuts, washers etc.:	Item	
48	A readily accessible earthing terminal for bonding of other services as specified in SANS 10142-1	Item	

TESTING AND COMMISSIONING

49	Inspections, testing and handing over of the complete electrical installation and valid COC in the presence of the Engineer and certify the results on the Certificate of Compliance by an accredited person.:	Item	
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**Any additional items of preliminaries nature that the tenderer may wish to add to comply with requirements of the specifications and/or bill of quantities.
(To be listed hereunder by Tenderer)**

50	Item	
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Carried to Collection

R

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Bill No. 6
Block D
RUBIQUANT QUANTITY SURVEYORS

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Item

Item

Carried to Collection

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Section No. 4
Bill No. 6
Block D
RUBIQUANT QUANTITY SURVEYORS

Section No. 4

Bill No. 6

Block D

COLLECTION

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Section No. 4

Bill No. 6

Block D

RUBIQUANT QUANTITY SURVEYORS

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Item No	SECTION NUMBER 4	Quantity	Rate	Amount
	BILL NUMBER 6			
	BLOCK E			
	-WORK GROUP 160-			
	NOTE: Supply, replace and commission distribution boards (flush mounted / surface mounted / floor standing), complete with - all switchgear as specified and including framework, tray, busbars (one per phase plus neutral & earth) to carry Mains Circuit Breaker currents, the termination of all conduits, conductors, sleeves, etc			
	DISTRIBUTION BOXES AND EQUIPMENT			
	<u>Supply and replace, complete with panels, etc surface distribution board including the busbars, switching gear equipment, termination of all conduits, conductors, Cables, etc. as specified</u>			
1	DB.E (N&E) (Surface mount)	No	1	
	CHANNELS AND WIRE WAYS			
	<u>Supply and replace OL8000 Wire Channels complete with splice clamps, channel hangers, threaded rod, coupling nuts, ect.</u>			
2	P8000 - Wire Channel for power installation	m	22	
	<u>Supply and replace GS50 Wire Mesh complete with splice clamps, channel hangers, coupling nuts, horizontal bends, tee's ect.</u>			
3	100mm wide - Medium Duty Wire Mesh for Data/ IT services	m	22	
	Carried to Collection			R
	Section No. 4 Bill No. 7 Block E RUBIQUANT QUANTITY SURVEYORS			

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CONDUIT		
<u>Supply and replace SANS conduit including bending, short lengths, 1-/2-/3-/4-way boxes adaptors, locknuts, couplings, saddles, screws etc.:</u>		
4	20mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m 250
5	20mm diameter - PVC - Pliable conduit	m 30
6	25mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m 30
7	50mm diameter - PVC - Cut/Build into brickwork	m
<u>Supply and replace pressed steel galvanised wall boxes 1mm thick:</u>		
8	100mm x 50mm x 50mm deep	No 5
9	100mm x 100mm x 50mm deep	No 18
10	50mm diameter PVC round boxes with lids	No 30
11	<u>Supply and replace a Pratley Econo Junction box complete with seals, adaptors, screws etc.:</u>	No
CONDUCTORS		
<u>Supply and replace 600/1000Volt PVC insulated stranded copper conductors drawn into conduits, etc.:</u>		
12	2,5mm ²	m 900
13	4mm ²	m 1 300
14	6mm ²	m 30
<u>Supply and replace Green PVC insulated copper earth conductors drawn into conduits, etc.:</u>		
15	2,5mm ²	m 1 010
16	4mm ²	m 15
Carried to Collection		
Section No. 4 Bill No. 7 Block E RUBIQUANT QUANTITY SURVEYORS		

R

<u>Supply and replace flat twin & earth where no access to ceiling void is available, etc.:</u>			
17	2.5mm flat twin & earth	m	
18	4mm flat twin & earth	m	
19	6mm flat twin & earth	m	
<u>POWER SKIRTING</u>			
<u>Supply and replace metal type power skirting consisting of 3 compartment 3 cover: including cutting ends, covers, elbows, T's, short lengths, screws, etc. as specified.</u>			
20	Power skirting (3 Channel)	m	50
21	90° Bends	No	6
22	End caps	No	10
<u>LIGHT SWITCHES</u>			
<u>Supply, replace and connect switches in flush mounted boxes, complete with cover plates (complete with wall boxes):</u>			
23	20 Amp 1-lever / 1-way	No	2
24	20 Amp 1-lever / 2-way	No	
25	20 Amp 2-lever / 1-way	No	
26	Dual load motion sensors	No	11
27	Photocell complete in PVC box with clear lid	No	1
28	Labeling of light switches as per specification		SUM

Carried to Collection

R

Section No. 4
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Block E
RUBIQUANT QUANTITY SURVEYORS

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<u>Supply, replace and connect flush switch sockets in a wallbox, complete with support frame, modules and cover plates:</u>		
29	Combination Socket Outlet - Switched 16 Amp RSA 3-pin socket with V-slimline 16A RSA outlet	No 14
30	Floor box, 2 x Normal, 2 x slimline 2pin, 1 x data, 1 x tel & 1 xHDMI	No 1
31	Labeling of socket outlets as per specification	SUM
<u>Supply, replace and connect unswitch sockets in ceiling void, complete with a round box.:</u>		
32	5 Amp unswitch socket complete with round box. To be mounted on either wire tray or via conduits on purlins,walls etc	No 22
<u>Supply, replace and connect switch sockets in power skirting complete with cover plates.:</u>		
33	16 Amp Single Socket on power skirting	No 10
34	16 Amp Slimline 3-pin on power skirting	No 10
35	16 Amp Single Dedicated socket on power skirting	No 20
36	Data RJ45 outlet on power skirting	No 10
37	Tel RJ11 outlet on power skirting	No 10
<u>ISOLATORS</u>		
<u>Supply, replace and connect isolators complete in a wallbox including a white cover plate.:</u>		
38	30 Amp 2 pole Isolator complete with a weather proof enclosure for outdoor AC units	No 9
39	60 Amp 2 pole Isolator for air curtains	No 1
40	Labeling of Isolator outlets as per specification	SUM
<u>LUMINAIRES</u>		
Carried to Collection		R
Section No. 4 Bill No. 7 Block E RUBIQUANT QUANTITY SURVEYORS		

<u>Supply, replace and connect luminaires complete with lamps, fixings, brass screws, washers, etc.:</u>			
41	New Type F1	No	
42	New Type F2	No	2
43	New Type F3	No	
44	New Type F4	No	
45	New Type F5.1	No	18
46	New Type A1	No	
47	New Type A2	No	
48	New Type A3	No	
49	New Type B1	No	1
50	New Type B2	No	2
51	Exit	No	2
<u>Additional lamps</u>			
52	New Type F1-F5 lamps	No	2
<u>TELEPHONE/DATA INSTALLATION</u>			
<u>Supply and replace a Surface mounted telephone board including terminations of all conduit, complete with frame, door, wallbox, fixings, etc.</u>			
53	1100mm x 1100mm x 250mm deep (Tel & Data)	No	1
<u>Supply and replace PVC conduit including cutting, threading, bending, short lengths, 1-/2-/3-/4-way boxes, bushes, locknuts, couplings, saddles, screws etc.:</u>			
54	25mm diameter PVC conduit	m	20
Carried to Collection			R
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Block E			
RUBIQUANT QUANTITY SURVEYORS			

<u>Supply and replace sleeves pipes including short lengths jointing, sweeping bends, bushes, locknuts etc.:</u>				
55	50mm diameter PVC sleeves	m	5	
56	Supply and replace 1.6mm diameter steel galvanised draw wires into conduit/sleeves:	m	60	
<u>LIGHTNING PROTECTION</u>				
<u>The lightning protection installation shall be design and installed by a specialist in this field as per specification and shall provide a valid COC.</u>				
57	Allow the amount of R15 000.00 (Fifteen Thousand Rand) for lightning protection.	Item		15 000.00
58	Profit and Attendance	Item		
<u>EARTHING AND BONDING</u>				
59	Earthing of all buildings to comply with the latest SABS 0142-1993 Code of Practice for The Wiring of Premises as amended and as specified. Bonding of all hot, cold and waste pipes complete with including fixings, brass screws, nuts, washers etc.:	Item		
60	A readily accessible earthing terminal for bonding of other services as specified in SANS 10142-1	Item		
<u>TESTING AND COMMISSIONING</u>				
61	Inspections, testing and handing over of the complete electrical installation and valid COC in the presence of the Engineer and certify the results on the Certificate of Compliance by an accredited person.:	Item		
<u>Any additional items of preliminaries nature that the tenderer may wish to add to comply with requirements of the specifications and/or bill of quantities.</u> <u>(To be listed hereunder by Tenderer)</u>				
62	.....	Item		
63	.....	Item		
Carried to Collection				
Section No. 4 Bill No. 7 Block E RUBIQUANT QUANTITY SURVEYORS				

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Item

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Bill No. 7
Block E
RUBIQUANT QUANTITY SURVEYORS

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Block E

COLLECTION

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Bill No. 7

Block E

RUBIQUANT QUANTITY SURVEYORS

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Item No	<u>SECTION NUMBER 4</u>	Quantity	Rate	Amount
	<u>BILL NUMBER 7</u>			
	<u>BLOCK F</u>			
	-WORK GROUP 160-			
	<p>NOTE: Supply, replace and commission distribution boards (flush mounted / surface mounted / floor standing), complete with - all switchgear as specified and including framework, tray, busbars (one per phase plus neutral & earth) to carry Mains Circuit Breaker currents, the termination of all conduits, conductors, sleeves, etc</p>			
	<u>DISTRIBUTION BOXES AND EQUIPMENT</u>			
	<p><u>Supply and replace, complete with panels, etc surface distribution board including the busbars, switching gear equipment, termination of all conduits, conductors, Cables, etc. as specified</u></p>			
1	DB.F (N) (Surface mount)	No	1	
2	DB.F1 (N) (Surface mount)	No	1	
	<u>CHANNELS AND WIRE WAYS</u>			
	<p><u>Supply and replace OL8000 Wire Channels complete with splice clamps, channel hangers, threaded rod, coupling nuts, ect.</u></p>			
3	P8000 - Wire Channel for power installation	m	15	
	<p><u>Supply and replace GS50 Wire Mesh complete with splice clamps, channel hangers, coupling nuts, horizontal bends, tee's ect.</u></p>			
4	100mm wide - Medium Duty Wire Mesh for Data/ IT services	m		
	Carried to Collection			R
	<p>Section No. 4 Bill No. 8 Block F RUBIQUANT QUANTITY SURVEYORS</p>			

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CONDUIT

Supply and replace SANS conduit including bending, short lengths, 1-/2-/3-/4-way boxes adaptors, locknuts, couplings, saddles, screws etc.:

5	20mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m	100
6	20mm diameter - PVC - Pliable conduit	m	
7	25mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m	5
8	50mm diameter - PVC - Cut/Build into brickwork	m	5

Supply and replace pressed steel galvanised wall boxes 1mm thick:

9	100mm x 50mm x 50mm deep	No	15
10	100mm x 100mm x 50mm deep	No	15
11	50mm diameter PVC round boxes with lids	No	20
12	<u>Supply and replace a Pratley Econo Junction box complete with seals, adaptors, screws etc.:</u>	No	

CONDUCTORS

Supply and replace 600/1000Volt PVC insulated stranded copper conductors drawn into conduits, etc.:

13	2,5mm ²	m	350
14	4mm ²	m	450
15	6mm ²	m	30

Supply and replace Green PVC insulated copper earth conductors drawn into conduits, etc.:

16	2,5mm ²	m	380
17	4mm ²	m	15

Carried to Collection

Section No. 4
Bill No. 8
Block F
RUBIQUANT QUANTITY SURVEYORS

R

LIGHT SWITCHES

Supply, replace and connect switches in flush mounted boxes, complete with cover plates (complete with wall boxes):

18	20 Amp 1-lever / 1-way	No	13
19	20 Amp 1-lever / 2-way	No	
20	20 Amp 2-lever / 1-way	No	2
21	IP67 rotary switch	No	
22	Labeling of light switches as per specification		SUM

SWITCH SOCKETS

Supply, replace and connect flush switch sockets in a wallbox, complete with support frame, modules and cover plates:

23	Combination Socket Outlet - Switched 16 Amp RSA 3-pin socket with V-slimline 16A RSA outlet	No	12
24	Multi unit outlet, 2 x Normal, 2 x slimline 2pin 1 x Satellite outlet	No	1
25	Labeling of socket outlets as per specification		SUM

Supply, replace and connect unswitch sockets in ceiling void, complete with a round box:

26	5 Amp unswitch socket complete with round box. To be mounted on either wire tray or via conduits on purlins,walls etc	No	14
----	-----------------------------------------------------------------------------------------------------------------------	----	----

ISOLATORS

Supply, replace and connect isolators complete in a wallbox including a white cover plate:

27	30 Amp 2 pole Isolator complete with a weather proof enclosure for outdoor AC units	No	4
28	60 Amp 2 pole Isolator for air curtains	No	2

Carried to Collection

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Section No. 4
Bill No. 8
Block F
RUBIQUANT QUANTITY SURVEYORS

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29 Labeling of Isolator outlets as per specification

SUM

LUMINAIRES

Supply, replace and connect luminaires complete with lamps, fixings, brass screws, washers, etc.:

30 New Type F1

No

31 New Type F2

No

11

32 New Type F3

No

33 New Type F4

No

34 New Type F5

No

35 New Type A1

No

36 New Type A2

No

37 New Type A3

No

38 New Type B1

No

3

39 New Type B2

No

40 Exit

No

Additional lamps

41 New Type F1-F5 lamps

No

2

LIGHTNING PROTECTION

The lightning protection installation shall be design and installed by a specialist in this field as per specification and shall provide a valid COC.

42 Allow the amount of R15 000.00 (Fifteen Thousand Rand) for lightning protection.

Item

15 000 00

43 Profit and Attendance

Item

Carried to Collection

R

Section No. 4
Bill No. 8
Block F
RUBIQUANT QUANTITY SURVEYORS

EARTHING AND BONDING

44 Earthing of all buildings to comply with the latest SABS 0142-1993 Code of Practice for The Wiring of Premises as amended and as specified. Bonding of all hot, cold and waste pipes complete with including fixings, brass screws, nuts, washers etc.:

Item

45 A readily accessible earthing terminal for bonding of other services as specified in SANS 10142-1

Item

TESTING AND COMMISSIONING

46 Inspections, testing and handing over of the complete electrical installation and valid COC in the presence of the Engineer and certify the results on the Certificate of Compliance by an accredited person.:

Item

Any additional items of preliminaries nature that the tenderer may wish to add to comply with requirements of the specifications and/or bill of quantities.
(To be listed hereunder by Tenderer)

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Item

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Item

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Item

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RUBIQUANT QUANTITY SURVEYORS

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Block F

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RUBIQUANT QUANTITY SURVEYORS

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 4</u>			
	<u>BILL NUMBER 8</u>			
	<u>BLOCK G</u>			
	-WORK GROUP 160-			
	<u>NOTE:</u> Supply, replace and commission distribution boards (flush mounted / surface mounted / floor standing), complete with - all switchgear as specified and including framework, tray, busbars (one per phase plus neutral & earth) to carry Mains Circuit Breaker currents, the termination of all conduits, conductors, sleeves, etc			
	<u>DISTRIBUTION BOXES AND EQUIPMENT</u>			
	<u>Supply and replace, complete with panels, etc surface distribution board including the busbars, switching gear equipment, termination of all conduits, conductors, Cables, etc. as specified</u>			
1	DB.G (N) (Surface mount)	No	1	
2	DB.G1 (N) (Surface mount)	No	1	
	<u>CHANNELS AND WIRE WAYS</u>			
	<u>Supply and replace OL8000 Wire Channels complete with splice clamps, channel hangers, threaded rod, coupling nuts, ect.</u>			
3	P8000 - Wire Channel for power installation	m	15	
	<u>Supply and replace GS50 Wire Mesh complete with splice clamps, channel hangers, coupling nuts, horizontal bends, tee's ect.</u>			
4	100mm wide - Medium Duty Wire Mesh for Data/ IT services	m		
	Carried to Collection			R
	Section No. 4 Bill No. 9 Block G RUBIQUANT QUANTITY SURVEYORS			

349

CONDUIT

Supply and replace SANS conduit including bending, short lengths, 1-/2-/3-/4-way boxes adaptors, locknuts, couplings, saddles, screws etc.:

5	20mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m	100
6	20mm diameter - PVC - Pliable conduit	m	
7	25mm diameter - PVC - Cut/Build into brickwork, slab or ceiling void	m	5
8	50mm diameter - PVC - Cut/Build into brickwork	m	5

Supply and replace pressed steel galvanised wall boxes 1mm thick:

9	100mm x 50mm x 50mm deep	No	15
10	100mm x 100mm x 50mm deep	No	15
11	50mm diameter PVC round boxes with lids	No	20
12	<u>Supply and replace a Pratley Econo Junction box complete with seals, adapters, screws etc.:</u>	No	

CONDUCTORS

Supply and replace 600/1000Volt PVC insulated stranded copper conductors drawn into conduits, etc.:

13	2,5mm ²	m	350
14	4mm ²	m	450
15	6mm ²	m	30

Supply and replace Green PVC insulated copper earth conductors drawn into conduits, etc.:

16	2,5mm ²	m	380
17	4mm ²	m	15

Carried to Collection

Section No. - 4
Bill No. 9
Block G
RUBIQUANT QUANTITY SURVEYORS

R

350

LIGHT SWITCHES

Supply, replace and connect switches in flush mounted boxes, complete with cover plates (complete with wall boxes).:

18	20 Amp 1-lever / 1-way	No	13
19	20 Amp 1-lever / 2-way	No	
20	20 Amp 2-lever / 1-way	No	2
21	Labeling of light switches as per specification		

SUM

SWITCH SOCKETS

Supply, replace and connect flush switch sockets in a wallbox, complete with support frame, modules and cover plates:

22	Combination Socket Outlet - Switched 16 Amp RSA 3-pin socket with V-slimline 16A RSA outlet	No	12
23	Multi unit outlet, 2 x Normal, 2 x slimline 2pin 1 x Satellite outlet	No	1
24	Labeling of socket outlets as per specification		

SUM

Supply, replace and connect unswitch sockets in ceiling void, complete with a round box.:

25	5 Amp unswitch socket complete with round box. To be mounted on either wire tray or via conduits on purlins,walls etc	No	14
----	-----------------------------------------------------------------------------------------------------------------------	----	----

ISOLATORS

Supply, replace and connect isolators complete in a wallbox including a white cover plate.:

26	30 Amp 2 pole Isolator complete with a weather proof enclosure for outdoor AC units	No	4
27	60 Amp 2 pole Isolator for air curtains	No	2
28	Labeling of Isolator outlets as per specification		

SUM

Carried to Collection

R

Section No. 4
Bill No. 9
Block G
RUBIQUANT QUANTITY SURVEYORS

351

LUMINAIRES

Supply, replace and connect luminaires complete with lamps, fixings, brass screws, washers, etc.:

29	New Type F1	No
30	New Type F2	No
31	New Type F3	No
32	New Type F4	No
33	New Type F5	No
34	New Type A1	No
35	New Type A2	No
36	New Type A3	No
37	New Type B1	No
38	New Type B2	No
39	Exit	No

Additional lamps

40	New Type F1-F5 lamps	No
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LIGHTNING PROTECTION

The lightning protection installation shall be design and installed by a specialist in this field as per specification and shall provide a valid COC.

41	Allow the amount of R15 000.00 (Fifteen Thousand Rand) for lightning protection.	Item
42	Profit and Attendance	Item

11

5

2

15 000 00

Carried to Collection

R

Section No. 4
Bill No. 9
Block G
RUBIQUANT QUANTITY SURVEYORS

352

EARTHING AND BONDING

43 Earthing of all buildings to comply with the latest SABS 0142-1993 Code of Practice for The Wiring of Premises as amended and as specified. Bonding of all hot, cold and waste pipes complete with including fixings, brass screws, nuts, washers etc.:

Item

44 A readily accessible earthing terminal for bonding of other services as specified in SANS 10142-1

Item

TESTING AND COMMISSIONING

45 Inspections, testing and handing over of the complete electrical installation and valid COC in the presence of the Engineer and certify the results on the Certificate of Compliance by an accredited person.:

Item

Any additional items of preliminaries nature that the tenderer may wish to add to comply with requirements of the specifications and/or bill of quantities.

(To be listed hereunder by Tenderer)

46

Item

47

Item

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Item

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RUBIQUANT QUANTITY SURVEYORS

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Section No. 4

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Block G

COLLECTION

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Block G

RUBIQUANT QUANTITY SURVEYORS

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SECTION SUMMARY - Electrical Installation (Provisional)

**Bill
No**

- 1 General Notes
- 2 Low Voltage Cable Works
- 3 Block A
- 4 Block B
- 5 Block C
- 6 Block D
- 7 Block E
- 8 Block F
- 9 Block G

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Sub Total

R

Builder's Profit and Attendance (.....%)

SUM

CARRIED TO FINAL SUMMARY

R

Section No. 4

RUBIQUANT QUANTITY SURVEYORS

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Item
No

Quantity Rate Amount

SECTION NUMBER 5

GENERAL NOTES

(a) The Bill of Quantities forms part of, and must be read in conjunction with the Specification and must be submitted, duly completed, on the closing date of the tenders.

(b) Tenderers must complete the Bill of Quantities and detail the unit rate and total amount of each item. The "Total" shall constitute the tender price adjudication.

Note:

(i) The Engineer reserves the right to adjust any individual item price and to rectify any discrepancy in item prices whilst the total price as quoted remains unaltered.

(c) "Material Rate" shall include the supply and delivery of all items of material to the site including all incidentals necessary for the completion of each item, plus the profit. The Material Rate shall be exclusive of Tax and imported duties which is itemised separately in the Bill of Quantities Summary.

(d) "Labour Rate" shall include the cost of labour, both skilled and unskilled, including supervision and profit required to complete the installation of all material covered by each item. The Labour Rate shall be exclusive of Tax, which is itemised separately in the Bill of Quantities Summary.

(e) No alteration, erasure or addition is to be made in the text. Should any alteration, erasure or addition be made it will not be recognised and the original working of the Bill of Quantities will be adhered to.

(f) Items in the Bill of Quantities are deemed to include supply, delivery, installation and connection where appropriate, unless stated to the contrary.

(g) The quantities given in the Bill of Quantities shall be considered as provisional and cannot be regarded as exact and are subject to measurement on site after completion of the service and adjustments will be made according to the quantities given in the Bill of Quantities.

Carried to Collection

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Section No. 5
Bill No. 1
General Notes
RUBIQUANT QUANTITY SURVEYORS

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In the event of discrepancies between the drawings, specifications and Bill of Quantities the Engineer shall decide whether the work as executed shall be measured on site or whether re-measurement shall be effected from the working drawings only.

(h) Provisional sums shall be expended only as directed by the Engineer and any balance remaining shall be deducted from the amount of the contract sum. All items described as "Provisional" shall be measured as executed and paid for according to prices in the Bill of Quantities, or as quoted by the Contractor for items not included in the Bill. Any unexpected amounts shall be deducted from the amount of the Contract Sum. No work for which "Provisional" items are provided shall be commenced without written instruction from the Engineer.

(i) The quantities and rates for day work must be regarded as provisional and will only be payable to the Contractor if and when a written order to this effect has been issued.

(j) Provision is made for the addition and pricing of items which the Contractor may deem necessary to price separately for the successful completion of the Works. The total price is thus deemed to be for the complete and functional installation, in accordance with the specifications, drawings and standard practice. Under no circumstances will additional payments therefore be made for any work or material forming part of the installation, which could reasonably have been foreseen at tender stage as being required to complete the Works. (This is not to be confused with additional work which, subject to the approval of the Engineer, may at times become necessary or be requested and for which additional payments will be made.)

(k) CONTRACT CONDITIONS AS PER THE MAIN DOCUMENT WILL BE APPLICABLE.

(l) NO MATERIAL MAY BE ORDERED FROM THE BOM WITHOUT THE CONSENT OF THE ELECTRICAL ENGINEER.

Carried to Collection

Section No. 5
Bill No. 1
General Notes
RUBIQUANT QUANTITY SURVEYORS

R

Section No. 5

Bill No. 1

General Notes

COLLECTION

Total Brought Forward from Page No.

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Amount

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R

Section No. 5

Bill No. 1

General Notes

RUBIQUANT QUANTITY SURVEYORS

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Item No		Quantity	Rate	Amount
	<u>SECTION NUMBER 5</u>			
	<u>BILL NUMBER 1</u>			
	<u>MECHANICAL INSTALLATION</u>			
	<u>Heat Pump Installation</u>			
	<u>Supply and replace</u>			
1	Supply, deliver to site, install and commission 3.5kW heat pump complete with valves, strainers, pipes, brackets and sensors as specified.	No	4	
2	Supply, deliver to site, install and commission 5.5kW heat pump complete with valves, strainers, pipes, brackets and sensors as specified.	No	3	
3	Supply and deliver to site new 200l electrical geyser which could be retrofitted with a heat pump. Geyser must be complete with a drip tray and brackets.	m	3	
	<u>Mechanical Installation</u>			
	<u>Supply and replace</u>			
4	Xpelair, CX10, Ceiling Fan, 34W/240V, Extract Performance 329m³/h installed complete	No	7	
	<u>Any items not specifically mentioned and not covered in the items specified above.</u>			
5	.....	Item		
6	.....	Item		
7	.....	Item		
	Carried Forward to Summary of Section No. 5			R
	Section No. 5 Bill No. 2 Mechanical Installation RUBIQUANT QUANTITY SURVEYORS			

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Bill No	<u>SECTION SUMMARY - Mechanical Installation (Provisional)</u>	Page No	Amount
1	General Notes	223	
2	Mechanical Installation	224	
	Sub Total		R
	Builder's Profit and Attendance (.....%)		SUM
	CARRIED TO FINAL SUMMARY		R
	Section No. 5 <i>RUBIQUANT QUANTITY SURVEYORS</i>		

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