

SCHEDULE OF RATES SHEET
GENERAL PRELIMINARIES - EXCLUDED

Qty	Description	Unit Cost	Total Price
1	FOR COMPLETION BY CLIENT	*NO	*NO
		Sub-Total	£0.00
		No. Of Sections	x 1
		Total	£0.00



SCHEDULE OF RATES SHEET
RECORD DRAWINGS

Qty	Description	Unit Cost	Total Price
1	RECORD DRAWINGS	11,695.50	11,695.50
		Sub-Total	£11,695.50
		No. Of Sections	x 1
		Total	£11,695.50

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SCHEDULE OF RATES SHEET
O&M MANUALS

Qty	Description	Unit Cost	Total Price
1	O&M MANUALS	447.75	447.75
		Sub-Total	£447.75
		No. Of Sections	x 1
		Total	£447.75



SCHEDULE OF RATES SHEET
BUILDING LOG BOOK

Qty	Description	Unit Cost	Total Price
1	BUILDING LOG BOOK	117.50	117.50
		Sub-Total	£117.50
		No. Of Sections	x 1
		Total	£117.50

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SCHEDULE OF RATES SHEET

MAINS DISTRIBUTIONS

Qty	Description	Unit Cost	Total Price
1	WATER LEAK DETECTION - J.A.M UK LTD	1,870.10	1,870.10
25	50MMX25M MDPE BLUE COIL SDR11 MT	8.96	224.00
1	50MM MET/IMP JOINER 9166	22.79	22.79
1	WATER METER - ELSTER V200/40	215.57	215.57
4	42X3M CU TUBE TX PRICE PER METRE	24.93	99.72
2	N12 / 5090 42 ELBOW	40.65	81.30
1	N1 / 5270 42 COUPLING	19.96	19.96
1	42MM STOP COCK	220.76	220.76
1	42MM DOUBLE CHECK VALVE	400.07	400.07
1	42MM D171C BRONZE PN16 BALL VALVE	150.48	150.48
		Sub-Total	£3,304.75
		No. Of Sections	x 1
		Total	£3,304.75

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SCHEDULE OF RATES SHEET

SOIL AND WASTE

Qty	Description	Unit Cost	Total Price
	ABOVE GROUND DRAINAGE		
66	4" HDPE PIPE 110MM PER METRE	12.11	799.26
13	4" HDPE 110MM X 90DEG BEND	26.04	338.52
11	4" HDPE 110MM 90DEG EQUAL BRANCH	27.79	305.69
3	4" HDPE 110MM STOP END	21.87	65.61
3	4" HDPE ACCESS PIPE	31.68	95.04
22	4" HDPE ELECTROFUSION COUPLING	26.25	577.50
1	4" HDPE 2 HOUR FIRE COLLAR 110MM	23.56	23.56
22	4" HDPE 110MM X M10 PIPE BRACKET	8.88	195.36
94	4" SOIL PIPE GREY PER METRE	16.37	1,538.78
25	4" SWEEP BEND (92 DEG) GREY	21.44	536.00
28	4" SINGLE BRANCH(92 DEG)GREY	26.67	746.76
31	4" STRAIGHT COUPLING GREY	12.41	384.71
30	4" ACCESS CAP GREY	20.86	625.80
11	4" ACCESS DOOR GREY	24.22	266.42
30	4" PIPE BRACKET	10.52	315.60
1	4" VENT COWL GREY	9.71	9.71
3	4"AUTO AIR ADMITTANCE VALVE	47.16	141.48
8	2 HOUR FIRE COLLAR 110MM	16.83	134.64
31	2.00"(3)WASTE PIPE WHITE PER METRE	9.05	280.55
7	2.00"SWEEP BEND (91 DEG)WHITE	8.35	58.45
21	2.00"SWEEP TEE (91 DEG) WHITE	10.66	223.86
10	2.00"STRAIGHT COUPLING WHITE	6.97	69.70
7	2.00" CPVC ACCESS PLUG WHITE	7.06	49.42
10	2.00" PIPE CLIP WHITE	4.41	44.10
24	1.50"(3)WASTE PIPE WHITE PER METRE	7.08	169.92
7	1.50"SWEEP BEND (91 DEG) WHITE	6.25	43.75
1	1.50"SWEEP TEE (91 DEG) WHITE	7.78	7.78
1	1.50"CPVC ACCESS PLUG WHITE	5.15	5.15
12	1.50" PIPE CLIP WHITE	3.99	47.88
56	1.25"(3)WASTE PIPE WHITE PER METRE	6.71	375.76
28	1.25"SWEEP BEND (91 DEG) WHITE	6.14	171.92
7	1.25"SWEEP TEE (91 DEG) WHITE	7.10	49.70
7	1.25"CPVC ACCESS PLUG WHITE	5.15	36.05
28	1.25" PIPE CLIP WHITE	3.64	101.92
28	TUBULAR SWIVEL P TRAP 32MM	9.34	261.52

SCHEDULE OF RATES SHEET

SOIL AND WASTE

Qty	Description	Unit Cost	Total Price
3	TUBULAR SWIVEL P TRAP 40MM	10.34	31.02
25	STRAIGHT WV CONNECTOR FIN SEAL 110M RAINWATER DOWNPIPES	10.10	252.50
16	4" HDPE PIPE 110MM PER METRE	12.11	193.76
8	4" HDPE ELECTROFUSION COUPLING	26.25	210.00
8	4" HDPE 110MM X M10 PIPE BRACKET	8.88	71.04
104	4" SOIL PIPE GREY PER METRE	16.37	1,702.48
35	4" STRAIGHT COUPLING GREY	12.41	434.35
52	4" PIPE BRACKET	10.52	547.04
6	HARMER AV ROOF OUTLET AV600T/F CONDENSATE DRAINAGE	94.22	565.32
494	21.5MM O/FLOW PIPE WHITE PER MT	4.65	2,297.10
180	21.5MM 90D BEND	5.07	912.60
165	21.5MM ABS STRAIGHT CONNECTOR	5.09	839.85
165	21.5MM VS53 S/W PIPE CLIP	3.20	528.00
214	40MM 1.50" WASTE PIPE WHITE PER MT	7.08	1,515.12
44	40MM 1.50" SWEEP BEND (91DEG) WHITE	6.25	275.00
50	40MM 1.50" SWEEP TEE (91 DEG) WHITE	7.78	389.00
72	40MM 1.50" STRAIGHT COUPLING WHITE	4.02	289.44
75	40MM 1.50" PIPE CLIP WHITE	3.99	299.25
		Sub-Total	£20,450.74
		No. Of Sections	x 1
		Total	£20,450.74

SCHEDULE OF RATES SHEET

HEATING

Qty	Description	Unit Cost	Total Price
1	GAS FIRED BOILER - IDEAL BOILERS	36,703.21	36,703.21
1	BOILER FLUE - JERMIAHS UK LTD	4,769.05	4,769.05
1	LIAISE WITH FLUE SPECIALIST	120.00	120.00
1	PRESSURISATION UNIT - ARMSTRONG	2,759.77	2,759.77
1	LTHW PUMPS - ARMSTRONG	18,653.40	18,653.40
1	UNDEFLOOR HTG - ALTERNATIVE HEAT	28,501.60	28,501.60
1	LIASE WITH UFH SUB-CONTRACTOR	120.00	120.00
1	AIR CURTAIN - JS AIR CURTAINS	3,143.06	3,143.06
1	RADIATORS - STELRAD	49,668.78	49,668.78
12	150MM RED HVY PE TUBE	58.21	698.52
8	150MM (6") HVY ELBOW LR 90BS1965	145.22	1,161.76
13	150MM (6") 6.5 HVY TEE BS1965	220.43	2,865.59
4	150(6.5/8) 16/2 WN FLG 16/111TO BS4	61.22	244.88
18	65MM RED HVY PE TUBE	23.86	429.48
8	65MM (2.1/2") HVY ELBOW LR 90BS1965	52.89	423.12
5	65(2.1/2) 16/2 WN FLG 16/111TO BS45	23.80	119.00
168	50MM RED HVY SS TUBE	22.25	3,738.00
32	50MM (2") 11W BLK MS ELBOW 90	75.34	2,410.88
9	50MM (2") 12W BLK MS TEE	99.33	893.97
48	50MM 12W BLK MS SOCKET	26.87	1,289.76
26	40MM RED HVY SS TUBE	17.21	447.46
4	40MM(1.1/2)11W BLK MS ELBOW 90	57.77	231.08
5	40MM (1.1/2") 12W BLK MS TEE	72.61	363.05
7	40MM 12W BLK MS SOCKET	21.91	153.37
227	32MM RED HVY SS TUBE	16.46	3,736.42
10	32MM(1.1/4)11W BLK MS ELBOW 90	57.77	577.70
18	32MM (1.1/4") 12W BLK MS TEE	72.61	1,306.98
57	32MM 12W BLK MS SOCKET	18.05	1,028.85
350	25MM RED HVY SS TUBE	15.59	5,456.50
32	25MM (1") 11W BLK MS ELBOW 90	33.42	1,069.44
46	25MM (1") 12W BLK MS TEE	42.39	1,949.94
101	25MM 12W BLK MS SOCKET	14.08	1,422.08
2,043	20MM RED HVY SS TUBE	11.46	23,412.78
282	20MM(3/4)11W BLK MS ELBOW 90	27.77	7,831.14
312	20MM (3/4") 12W BLK MS TEE	43.43	13,550.16
592	20MM 12W BLK MS SOCKET	12.11	7,169.12

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HEATING

Qty	Description	Unit Cost	Total Price
3,260	15MM RED HVY SS TUBE	11.16	36,381.60
1,794	15MM(1/2)11W BLK MS ELBOW 90	23.44	42,051.36
116	15MM (1/2") 12W BLK MS TEE	25.08	2,909.28
944	15MM 12W BLK MS SOCKET	10.40	9,817.60
406	TRV / LSV	79.62	32,325.72
68	DZR THREADED PN25 15MM	23.53	1,600.04
74	DZR THREADED PN25 20MM	26.73	1,978.02
68	DZR FODRV PN25 15MM	102.23	6,951.64
64	DZR FODRV PN25 20MM	159.71	10,221.44
16	D138 15MM CRANE CHECK VALVE	43.58	697.28
16	D138 20MM CRANE CHECK VALVE	60.06	960.96
5	D297 20MM CRANE BRONZE STRAINER	74.76	373.80
5	DM900 20MM CRANE FLOW MEAS. DEVICE	234.83	1,174.15
10	D340 20MM CRANE DRAIN COCK	49.65	496.50
5	R320/LR24A 3/4" 3 PORT BALL VALVE 2	307.38	1,536.90
21	20MM DPCV	129.79	2,725.59
5	F628 150MM PN16 F/LUG BUTTFLY VALVE	521.53	2,607.65
8	F628 65MM PN16 F/LUG BUTTFLY VALVE	189.75	1,518.00
2	DZR THREADED PN25 15MM	23.53	47.06
10	DZR THREADED PN25 50MM	123.29	1,232.90
5	DZR THREADED PN25 32MM	59.50	297.50
5	DZR THREADED PN25 40MM	82.48	412.40
1	D344 50MM CRANE DRAIN COCK	375.17	375.17
2	D138 50MM CRANE CHECK VALVE	211.95	423.90
1	D138 40MM CRANE CHECK VALVE	133.83	133.83
1	D138 32MM CRANE CHECK VALVE	104.70	104.70
1	D297 40MM CRANE BRONZE STRAINER	193.38	193.38
1	D297 32MM CRANE BRONZE STRAINER	150.57	150.57
2	D297 50MM CRANE BRONZE STRAINER	271.81	543.62
1	R350/HR24-3 2" 3 PORT BALL VALVE 24	594.03	594.03
1	R340/HR24-3 1 1/2" 3 PORT BALL VALVE	520.63	520.63
1	R332/HR24-3 1 1/4" 3 PORT BALL VALVE	462.28	462.28
1	DZR DRV PN25 50MM	476.98	476.98
1	DZR DRV PN25 40MM	312.39	312.39
1	DZR DRV PN25 32MM	219.59	219.59
1	DZR FODRV PN25 50MM	545.26	545.26

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HEATING

Qty	Description	Unit Cost	Total Price
1	DZR FODRV PN25 40MM	364.40	364.40
1	DZR FODRV PN25 32MM	253.85	253.85
1	50MM 50MKLET HEAT METER 90C	1,201.53	1,201.53
1	40MM 40MKLET HEAT METER 90C	907.78	907.78
1	32MM 32MKLET HEAT METER 90C	830.03	830.03
4	FM492-65MM C/I SWING CHECK VALVE	356.44	1,425.76
6	TEMPERATURE GUAGE	60.90	365.40
8	PRESSURE GUAGE	67.01	536.08
1	PIPEWORK ANCILLARIES & SUPPORT	19,782.00	19,782.00
1	THERMAL INSULATION	64,294.75	64,294.75
		Sub-Total	£481,755.20
		No. Of Sections	x 1
		Total	£481,755.20

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SCHEDULE OF RATES SHEET

WATER

Qty	Description	Unit Cost	Total Price
1	BOOSTER SET - KGN PILLINGER	9,667.30	9,667.30
1	CW STORAGE TANK - KGN PILLINGER	4,725.80	4,725.80
1	WATER CONDITIONER - HYDROTEC	5,226.95	5,226.95
9	HEATRAE SADIA - FBM 45 ECO 3KW	1,519.49	13,675.41
32	54X3M CU TUBE TX PRICE PER METRE	29.91	957.12
6	N12 / 5090 54 ELBOW	70.03	420.18
1	N24 / 5130 54 EQUAL TEE	100.54	100.54
10	N1 / 5270 54 COUPLING	35.82	358.20
16	42X3M CU TUBE TX PRICE PER METRE	24.93	398.88
2	N12 / 5090 42 ELBOW	40.65	81.30
3	N24 / 5130 42 EQUAL TEE	54.99	164.97
5	N1 / 5270 42 COUPLING	19.96	99.80
8	35X3M CU TUBE TX PRICE PER METRE	21.46	171.68
2	N24 / 5130 35 EQUAL TEE	39.89	79.78
2	N1 / 5270 35 COUPLING	12.62	25.24
14	28X3M CU TUBE TX PRICE PER METRE	14.63	204.82
3	N12 / 5090 28 ELBOW	7.54	22.62
2	N24 / 5130 28 EQUAL TEE	13.38	26.76
4	N1 / 5270 28 COUPLING	6.40	25.60
100	22X3M CU TUBE TX PRICE PER METRE	12.25	1,225.00
54	NS12 / 5090 22 ELBOW	11.20	604.80
80	NS24 / 5130 22 EQUAL TEE	7.38	590.40
33	NS1 / 5270 22 COUPLING	5.05	166.65
264	15X3M CU TUBE TX PRICE PER METRE	9.12	2,407.68
176	NS12 / 5090 15 ELBOW	4.60	809.60
10	NS24 / 5130 15 EQUAL TEE	5.23	52.30
88	NS1 / 5270 15 COUPLING	5.01	440.88
102	D171C 15MM BRONZE PN16 BALL VALVE	34.40	3,508.80
12	D171C 22MM BRONZE PN16 BALL VALVE	41.31	495.72
1	D171C 28MM BRONZE PN16 BALL VALVE	61.41	61.41
1	D171C 54MM BRONZE PN16 BALL VALVE	241.84	241.84
1	50MM 416 (2") PRV PN16 WRAS	182.79	182.79
1	D138 50MM CRANE CHECK VALVE	196.78	196.78
1	BRONZE FEMALE DRAW OFF COCK 1/2-50	483.65	483.65
65	CP961 15MM FLOW REG BALL VALVE	23.49	1,526.85
9	20MM 416 (3/4") PRV PN16 WRAS	38.38	345.42

SCHEDULE OF RATES SHEET

WATER

Qty	Description	Unit Cost	Total Price
1	25MM 416 (1") PRV PN16 WRAS	43.78	43.78
9	250CW 22MM DCV WRAS	66.61	599.49
1	250CW 28MM DCV WRAS	97.69	97.69
9	1" (25MM) AQUALEAK SOL. VALVE 240V	146.79	1,321.11
1	3/4" (20MM) AQUALEAK SOL. VALVE 240V	96.99	96.99
10	PIR 240V SURFACE MOUNTED IP44	108.61	1,086.10
1	PRESSURE GUAGE	63.64	63.64
1	TEMPERATURE GUAGE	59.39	59.39
1	PIPEWORK ANCILLARIES & SUPPORT	1,087.64	1,087.64
1	THERMAL INSULATION	3,321.76	3,321.76
		Sub-Total	£57,551.11
		No. Of Sections	x 1
		Total	£57,551.11

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SCHEDULE OF RATES SHEET

DRY RISER

Qty	Description	Unit Cost	Total Price
1	DRY RISER - NATIONWIDE DRY RISERS	5,290.00	5,290.00
1	LIAISE WITH DRY RISER INSTALLER	30.00	30.00
		Sub-Total	£5,320.00
		No. Of Sections	x 1
		Total	£5,320.00



SCHEDULE OF RATES SHEET

VENTILATION

Qty	Description	Unit Cost	Total Price
1	S&I ROOFTOP ENCLOSURE - NOICO	28,750.00	28,750.00
1	MAXIMAIR TURRET - MCKENZIE MARTIN	1,343.93	1,343.93
1	MVHR UNITS - DAIKIN	27,800.81	27,800.81
1	TOILET SHOWER AHU - NUAIRE	11,383.61	11,383.61
1	GRILLES & DIFFUSERS - BROOK AIR	25,660.44	25,660.44
1	ATTENUATORS - NOICO	9,877.35	9,877.35
1	DISABLED WC EF - VASF100T VENT AXIA	93.97	93.97
8	450MM CIRCULAR STEEL DUCT	66.94	535.52
3	450MM CIRCULAR STEEL BEND	65.31	195.93
1	450MM CIRCULAR STEEL TEE	102.62	102.62
1	450MM CIRCULAR STEEL REDUCER	48.83	48.83
24	400MM CIRCULAR STEEL DUCT	56.06	1,345.44
3	400MM CIRCULAR STEEL BEND	53.18	159.54
5	400MM CIRCULAR STEEL TEE	77.24	386.20
2	400MM CIRCULAR STEEL REDUCER	45.89	91.78
16	350MM CIRCULAR STEEL DUCT	55.88	894.08
4	350MM CIRCULAR STEEL TEE	70.63	282.52
2	350MM CIRCULAR STEEL REDUCER	41.44	82.88
12	300MM CIRCULAR STEEL DUCT	39.36	472.32
3	300MM CIRCULAR STEEL TEE	61.64	184.92
2	300MM CIRCULAR STEEL REDUCER	44.19	88.38
429	250MM CIRCULAR STEEL DUCT	35.14	15,075.06
84	250MM CIRCULAR STEEL BEND	37.66	3,163.44
46	250MM CIRCULAR STEEL TEE	45.67	2,100.82
36	250MM CIRCULAR STEEL REDUCER	39.08	1,406.88
1	250MM VOLUME CONTROL DAMPER	50.80	50.80
114	200MM CIRCULAR STEEL DUCT	30.87	3,519.18
19	200MM CIRCULAR STEEL TEE	38.82	737.58
25	200MM CIRCULAR STEEL REDUCER	36.96	924.00
2	200MM VOLUME CONTROL DAMPER	47.04	94.08
268	150MM CIRCULAR STEEL DUCT	20.58	5,515.44
86	150MM CIRCULAR STEEL BEND	21.58	1,855.88
6	150MM CIRCULAR STEEL TEE	33.25	199.50
5	150MM CIRCULAR STEEL REDUCER	33.78	168.90
89	150MM VOLUME CONTROL DAMPER	42.04	3,741.56
7	125MM CIRCULAR STEEL DUCT	18.15	127.05

SCHEDULE OF RATES SHEET

VENTILATION

Qty	Description	Unit Cost	Total Price
1	125MM CIRCULAR STEEL BEND	17.02	17.02
15	125MM VOLUME CONTROL DAMPER	39.52	592.80
17	100MM CIRCULAR STEEL DUCT	16.22	275.74
5	100MM CIRCULAR STEEL BEND	15.46	77.30
1	100MM CIRCULAR STEEL TEE	30.41	30.41
5	100MM VOLUME CONTROL DAMPER	36.98	184.90
1	DUCTWORK BRACKETRY & SUPPORT	5,145.54	5,145.54
1	THERMAL INSULATION	12,368.59	12,368.59
		Sub-Total	£167,153.54
		No. Of Sections	x 1
		Total	£167,153.54

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SCHEDULE OF RATES SHEET COMFORT COOLING

Qty	Description	Unit Cost	Total Price
1	VRV PLANT- DAIKIN (ULTIMATE AIR)	137,398.67	137,398.67
1	INSTALLATION - BUDGET	226,707.79	226,707.79
		Sub-Total	£364,106.46
		No. Of Sections	x 1
		Total	£364,106.46



SCHEDULE OF RATES SHEET

CONTROLS

Qty	Description	Unit Cost	Total Price
1	CONTROLS - PUBLICSTAR SOLUTIONS LTD	17,488.05	17,488.05
1	LIAISE WITH CONTROLS SPECIALIST	30.00	30.00
		Sub-Total	<u>£17,518.05</u>
		No. Of Sections	x 1
		Total	<u>£17,518.05</u>



SCHEDULE OF RATES SHEET
SANITARY FITTINGS

Qty	Description	Unit Cost	Total Price
1	SANITARY FITTINGS - NEVILLE LUMB	46,009.40	46,009.40
	Sub-Total		<u>£46,009.40</u>
	No. Of Sections	x	1
	Total		<u>£46,009.40</u>



SCHEDULE OF RATES SHEET TESTING & COMMISSIONING

Qty	Description	Unit Cost	Total Price
1	WATER TREATMENT - ASTON ENV.	1,380.00	1,380.00
1	COMMISSIONING - ASTON ENV.	6,670.00	6,670.00
1	SEASONAL COMMISSIONING - ASTON ENV.	1,897.50	1,897.50
1	LIAISE WITH ASTON ENVIRONMENTAL	30.00	30.00
		Sub-Total	£9,977.50
		No. Of Sections	x 1
		Total	£9,977.50

