

**SUBJECT : BILL OF QUANTITIES**

**BILL No. 7: GAS SUPPRESSION IDC 2 SERVER ROOM**

<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Qty</b>	<b>Tariff</b>	<b>Amount</b>
<b>1</b>	<b>Supplied installed and commissioned: ANALOGUE ADRESSABLE DETECTION SYSTEM</b>				
<b>1.1</b>	<b>SIGNAGE AND LABELING</b>		item		
<b>2</b>	<b>ANALOGUE ADDRESSABLE SMOKE DETECTORS AND BASES</b>				
<b>2.1</b>	Optical detectors in Floor-void: Provide floor mounting brackets	No	3		R 0.00
<b>2.2</b>	Optical detectors in ceiling void below slab	No	0		R 0.00
<b>2.3</b>	Optical detectors below ceiling - relocate	No	3		R 0.00
<b>2.4</b>	<b>CEILING LEDS</b>	No	0		R 0.00
<b>2.5</b>	<b>SOUNDERS AND FLASHING BEACON SETS.</b>	No	0		R 0.00
<b>2.6</b>	<b>SIRENS</b>	No	0		R 0.00
<b>2.7</b>	<b>LINE ISOLATORS</b>	No	1		R 0.00
<b>2.8</b>	<b>GAS DISCHARGE FLASHING EVACUATION SIGNAGE</b>	No	0		R 0.00
<b>3</b>	<b>GAS SUPPRESSION SYSTEM</b>				
<b>3.1</b>	<b>ROOM INTEGRITY TEST</b>	zones	1		R 0.00
<b>TOTAL CARRIED FORWARD</b>					<b>R 0.00</b>

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Item	Description	Unit	Qty	Tariff	Amount
<b>TOTAL FROM PREVIOUS</b>					<b>R 0.00</b>
<b>4</b>	<b>HSSD SYSTEM</b>				
4.1	VESDA LASER FOCUS UNITS	No	0		R 0.00
<b>5</b>	<b>INTERFACING</b>				
5.1	HVAC INTERFACE (3 CHANNEL) UNITS	No	0		R 0.00
5.2	3-WAY FRESH AIR SHUT DOWN INTERFACE	No	0		R 0.00
5.3	3 - WAY INTERFACE WITH HVAC SAM UNIT	No	0		R 0.00
5.4	INTERFACE UNITS TO DAMPERS	No	0		R 0.00
5.5	POWER SUPPLY INTERFACE UNITS	No	0		R 0.00
5.6	GAS PRESSURE SWITCH INTERFACE (SINGLE)	No	1		R 0.00
5.7	VESDA 3-WAY INTERFACE	No	0		R 0.00
<b>6</b>	<b>P&amp;G</b>				
6.1	SITE ESTABLISHMENT		item		
6.2	SITE VISITS				
6.2.1	DESIGN VERIFICATION		item		
6.2.2	SYSTEM INSTALLATION		item		
6.2.3	SYSTEM TESTING		item		
6.2.4	HANDOVER		item		
6.3	OPERATION & MAINTENANCE MANUALS (4 COPIES)		item		
6.4	FIRST YEAR MAINTENANCE (4 VISITS - FULL TESTING)		item		
6.5	FIRE SEALING (Allow for 2m x 0.5 m)		item		
7	5 kg CO2 FIRE EXTINGUISHERS INCLUDING MOUNTING BOARDS	No	0		R 0.00
8	Any Item not listed (Specify)				
<b>TOTAL CARRIED TO SUMMARY - ITEM 7</b>					<b>R 0.00</b>