



BILL N°2 - FIRE DETECTION EQUIPMENT				Page	2 of 6
Refer to drawings: GROUND STOREY - 21B09-D-602-03					
Item	Description	Unit	Qty.	Rate	Amount
1	FIRE DETECTION CONTROL EQUIPMENT & POWER SUPPLIES				
1.1	Supply and install new control panel : 2-Loop Analogue Addressable panel	No.	1		
1.2	Emergency power supply (batteries) (2 per fire Panel)	No.	2		
1.3	Signage - zone/Block diagram (1 Per each panel)	No.	1		
1.4	Repeater panel at security guard	No.	1		
1.5	Ordinary power supply	Item	Sum	By Electrical Contractor	
1.6	Any item not listed (Specify)	Item	Sum		
2	FIRE DETECTION CONDUIT & CABLES:				
2.1	Fire Resistant Cables:				
	Supply and install fire resistant cables = PH30 in accordance with SANS 10139. Allow for cabling of the appropriate diameter for the detection system	366			
2.1.1	Loop 1	m			
2.2	Conduit:				
2.2.1	Supply and install of Ø 25mm PVC conduits with all required accessories	182m			
3	FIRE DETECTION FIELD EQUIPMENT:				
3.1	Analogue Addressable Smoke Detectors:				
3.1.1	Smoke Detectors	No.	31		
3.1.2	Detectors Bases	No.	31		
3.2	Analogue Addressable Heat Detectors:				
3.2.1	Heat Detectors	No.	1		
3.2.2	Detectors Bases	No.	1		
3.3	Analogue Addressable Manual Fire Alarm Points:				
3.3.1	Manual Fire Alarm Points	No.	3		
3.3.2	Manual Fire Alarm Point bases	No.	3		
3.4	Green break glass unit	No.	2		
4	FIRE DETECTION AUXILIARY EQUIPMENT:				
4.1	Alarm Sounder with Strobelights	No.	5		
5	Relay/Input - Output Units				
5.1	Fresh Air Fan and AC System-Stop	No.	2		
5.2	Ducted air conditions system - Stop	No.	10		
5.3	Additional Line Relays	No.	2		
5.4	Access control doors to release	No.	3		
5.5	Brackets	Item	Sum		
6	Any item not listed (Specify)				
Total for bill No.2 carried forward to final collection page:					



BILL N°3 - FIRE DETECTION EQUIPMENT				Page	3 of 6
Refer to drawings: FIRST STOREY - 21B09-D-602-04					
Item	Description	Unit	Qty.	Rate	Amount
1	FIRE DETECTION CONDUIT & CABLES:				
1.1	Fire Resistant Cables:				
	Supply and install fire resistant cables = PH30 in accordance with SANS 10139. Allow for cabling of the appropriate diameter for the detection system				
1.1.1	Loop 1	m	364		
1.2	Conduit:				
1.2.1	Supply and install of Ø 25mm PVC conduits with all required accessories	m	182		
2	FIRE DETECTION FIELD EQUIPMENT:				
2.1	Analogue Addressable Smoke Detectors:				
2.1.1	Smoke Detectors	No.	28		
2.1.2	Detectors Bases	No.	28		
2.2	Analogue Addressable Heat Detectors:				
2.2.1	Heat Detectors	No.	1		
2.2.2	Detectors Bases	No.	1		
2.3	Analogue Addressable Manual Fire Alarm Points:				
2.3.1	Manual Fire Alarm Points	No.	2		
2.3.2	Manual Fire Alarm Point bases	No.	2		
2.4	Green break glass unit	No.	2		
3	FIRE DETECTION AUXILIARY EQUIPMENT:				
3.1	Alarm Sounder with Strobelights	No.	6		
4	Relay/Input - Output Units				
4.1	Fresh Air Fan and AC System-Stop	No.	2		
4.2	Ducted air conditions system - Stop	No.	10		
4.3	Smoke ventilation - Start	No.	2		
4.4	Access control doors to release	No.	2		
4.5	Brackets	Item	Sum		
5	Any item not listed (Specify)				
Total for bill No.3 carried forward to final collection page:					



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