

FIRE DETECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK E			Date: 2022/08/15		
Drawing Reference : 21B09-D-605-01			Page 2 of 5		
Location : BROOKLYN			Prepared by: A.R		
Floor level : GROUND STOREY			Revision: 0		
BILL N°2 - FIRE DETECTION EQUIPMENT					
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	675		
1.2	Conduit:				
1.2.1	Supply and install of Ø 25mm steel conduits with all required accessories	m	338		
2	FIRE DETECTION FIELD EQUIPMENT:				
2.1	Analogue Addressable Smoke Detectors:				
2.1.1	Smoke Detectors	No.	40		
2.1.2	Detectors Bases	No.	40		
2.2	Analogue Addressable Heat Detectors:				
2.1.1	Heat Detectors	No.	3		
2.1.2	Detectors Bases	No.	3		
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		
2.3.3	Green break glass unit	No.	1		
2.3.4	Green break glass unit Point bases	No.	1		
3	FIRE DETECTION AUXILIARY EQUIPMENT:				
3.1	Addressable Alarm Sounder with StrobelLights	No.	18		
4	Relay/Input - Output Units				
4.1	Fresh Air Fan and AC System-Stop	No.	1		
4.2	Ducted air conditions system - Stop	No.	1		
4.3	Additional Line Relays	No.	2		
4.4	Access control doors to release	No.	1		
4.5	Brackets	Item	Sum		
5	Any item not listed (Specify)				
Total for bill No.2 carried forward to final collection page:					



[illegible]

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BILL N°4					
BUILDERS' WORK					
Item	Description	Unit	Qty.	Rate	Amount R c
1	Wall Penetration For Conduit				
1.1	Ø50 Wall Penetration For Fire Detection Conduit	No.	1		
2	Trenching				
2.1	Trenching And Backfilling For Conduit	m	59		
3	Any item not listed (Specify)	Item	Sum		
Total for bill No.4 carried forward to the final collection page:					R -



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Floor level : GROUND STOREY			Revision: 0
FINAL COLLECTION PAGE			
Item	Description	Amount	
		R	c
1	Bill No. 1 Preliminary and General		
2	Bill No. 2 - BLOCK E - Ground Storey Fire Detection Control Equipment, Fire Detection Conduits and Cables, Fire Detection Field Equipment, Fire Detection Auxiliary Equipment		
3	Bill No. 3 Scaffolding and Erection Equipment, Project Engineering, Testing, Commissioning and Handover		
4	Bill No. 4 Builders' Work		
5	Subtotal (items 1 to 4)		
6	Allow for contingencies associated with any changes during construction. Related to the following:	R	30 000.00
6.1	After hours work R 20 000.00		
6.2	Health and safety file R 10 000.00		
7	Subtotal (Item 5 and 6)		
8	Add VAT (15% of The item 7)		
9	Total Contract Value (Items 7 and 8)		
Total Contract Value Carried to Main Contractor's Bill		R	-

