

[illegible]

FIRE DETECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK G				Date:	2021-07-25
Drawing Reference : 21B09-D-608-01				Page	2 of 7
Location : BROOKLYN				Prepared by:	A.R
Storey level : GROUND STOREY				Revision:	3
BILL N°2 - FIRE DETECTION EQUIPMENT					
Item	Description	Unit	Qty.	Rate	Amount
1	<b>FIRE DETECTION CONDUIT &amp; CABLES:</b>				
1.1	<b>Fire Resistant Cables:</b>				
	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	658		
1.2	<b>Conduit:</b>				
1.2.1	Supply and install of Ø 25mm steel conduits with all required accessories	m	329		
2	<b>FIRE DETECTION FIELD EQUIPMENT:</b>				
2.1	<b>Analogue Addressable Smoke Detectors:</b>				
2.1.1	Smoke Detectors	No.	53		
2.1.2	Detectors Bases	No.	53		
2.2	<b>Analogue Addressable Heat Detectors:</b>				
2.2.1	Heat Detectors	No.	3		
2.2.2	Detectors Bases	No.	3		
2.3	<b>Analogue Addressable Manual Fire Alarm Points:</b>				
2.3.1	Manual Fire Alarm Points c/w Base Sounder and Strobe Lights	No.	3		
2.3.2	Manual Fire Alarm Point bases	No.	3		
2.3.3	Green break glass unit	No.	6		
2.3.4	Green break glass unit Point bases	No.	6		
3	<b>FIRE DETECTION AUXILIARY EQUIPMENT:</b>				
3.1	Addressable Alarm Sounder	No.	14		
3.2	Addressable Strobe Lights	No.	14		
4	<b>Relay/Input - Output Units</b>				
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 - Release	No.	1		
4.5	Brackets	Item	Sum		
5	<b>Any item not listed (Specify)</b>				
Total for bill No.2 carried forward to final collection page:					



FIRE DETECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK H				Date:	2021-07-25
Drawing Reference : 21B09-D-609-01				Page	3 of 7
Location : BROOKLYN				Prepared by:	A.R
Storey level : GROUND STOREY				Revision:	3
BILL N°3 - FIRE DETECTION EQUIPMENT					
Item	Description	Unit	Qty.	Rate	Amount
1	<b>FIRE DETECTION CONDUIT &amp; CABLES:</b>				
1.1	<b>Fire Resistant Cables:</b>				
	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	880		
1.2	<b>Conduit:</b>				
1.2.1	Supply and install of Ø 25mm steel conduits with all required accessories	m	440		
2	<b>FIRE DETECTION FIELD EQUIPMENT:</b>				
2.1	<b>Analogue Addressable Smoke Detectors:</b>				
2.1.1	Smoke Detectors	No.	38		
2.1.2	Detectors Bases	No.	38		
2.2	<b>Analogue Addressable Heat Detectors:</b>				
2.2.1	Heat Detectors	No.	2		
2.2.2	Detectors Bases	No.	2		
2.3	<b>Analogue Addressable Manual Fire Alarm Points:</b>				
2.3.1	Manual Fire Alarm Points	No.	4		
2.3.2	Manual Fire Alarm Point bases	No.	4		
2.3.3	Green break glass unit	No.	5		
2.3.4	Green break glass unit Point Bases	No.	5		
3	<b>FIRE DETECTION AUXILIARY EQUIPMENT:</b>				
3.1	Addressable Alarm Sounder	No.	17		
3.2	Addressable StrobeLights	No.	14		
4	<b>Relay/Input - Output Units</b>				
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	<b>Any item not listed (Specify)</b>				
Total for bill No.3 carried forward to final collection page:					



FIRE DETECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK GH				Date:	2021-07-25
Drawing Reference : 21B09-D-610-01				Page	4 of 7
Location : BROOKLYN				Prepared by:	A.R
Storey level : FIRST STOREY				Revision:	0
BILL N°4 - 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	1408		
1.2	Conduit:				
1.2.1	Supply and install of Ø 25mm steel conduits with all required accessories	m	709		
2	FIRE DETECTION FIELD EQUIPMENT:				
2.1	Analogue Addressable Smoke Detectors:				
2.1.1	Smoke Detectors	No.	97		
2.1.2	Detectors Bases	No.	97		
2.2	Analogue Addressable Heat Detectors:				
2.2.1	Heat Detectors	No.	4		
2.2.2	Detectors Bases	No.	4		
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.	4		
2.3.4	Green break glass unit Point Bases	No.	4		
3	FIRE DETECTION AUXILIARY EQUIPMENT:				
3.1	Addressable Alarm Sounder	No.	35		
3.2	Addressable StrobeLights	No.	35		
4	Relay/Input - Output Units				
4.1	Fresh Air Fan and AC System-Stop	No.	2		
4.2	Ducted air conditions system - Stop	No.	2		
4.3	Additional Line Relays	No.	4		
4.4	Access control doors to release	No.	2		
4.5	Brackets	Item	Sum		
5	Any item not listed (Specify)				
Total for bill No.4 carried forward to final collection page:					





FIRE DETECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK GH				Date:	2021-07-25
Drawing Reference : 21B09-D-608-01, 21B09-D-609-01 & 21B09-D-610-01				Page	6 of 7
Location : BROOKLYN				Prepared by:	A.R
Storey level : FIRST STOREY				Revision:	0
BILL N°6					
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.	2		
2	Trenching				
2.1	Trenching And Backfilling For Conduit	m	155		
3	Any item not listed (Specify)	Item	Sum		
Total for bill No.6 carried forward to the final collection page:					



FIRE DETECTION INSTALLATION BILLS OF QUANTITIES			
Project Name : LAHAE LA SARS - BLOCK GH			2021-07-19 2021-07-25
Drawing Reference : 21B09-D-608-01, 21B09-D-609-01 & 21B09-D-610-01			Page 7 of 7
Location : BROOKLYN			Prepared by: A.R
Floor level : GROUND STOREY & FIRST STOREY			Revision: 0
FINAL COLLECTION PAGE			
Item	Description	Amount R c	
1	Bill No. 1 Preliminary and General		
2	Bill No. 2 - BLOCK G - Ground Storey Fire Detection Control Equipment, Fire Detection Conduits and Cables, Fire Detection Field Equipment, Fire Detection Auxiliary Equipment		
3	Bill No. 3 - BLOCK G - Ground Storey Fire Detection Control Equipment, Fire Detection Conduits and Cables, Fire Detection Field Equipment, Fire Detection Auxiliary Equipment		
4	Bill No. 4 - BLOCK GH - First Storey Fire Detection Control Equipment, Fire Detection Conduits and Cables, Fire Detection Field Equipment, Fire Detection Auxiliary Equipment		
5	Bill No. 5 Scaffolding and Erection Equipment, Project Engineering, Testing, Commissioning and Handover		
6	Bill No. 6 Builders' Work		
7	Subtotal (items 1 to 6)		
8	Allow for contingencies associated with any changes during construction. Related to the following:	R	30 000.00
8.1	After hours work R 20 000.00		
8.2	Health and safety file R 10 000.00		
9	Subtotal (Item 7 and 8)		
10	Add VAT (15% of The item 9 )		
11	Total Contract Value (Items 9 an 10 )		
Total Contract Value Carried to Main Contractor's Bill			

