

FIRE PROTECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK C				Date:	2022/07/14
Drawing Reference : 21B09-F-503-03				Page:	2 of 6
Location : BROOKLYN				Prepared by:	L.S
Floor level : GROUND STOREY				Revision:	0
BILL N°2					
FIRE PROTECTION SYSTEM					
Section 1. HAND HELD FIRE PROTECTION EQUIPMENT (FIRE EXTINGUISHERS)					
Refer to drawings: 21B09-F-503-03					
Item N°	Description	Unit	Qty.	Rate	Amount R c
1	HYDRANT, HOSE REEL AND EXTINGUISHER INSTALLATION: Supply, deliver, installation, connection, testing and commissioning of a completely functioning hose reel installation as itemised below:				
1.1	4.5 kg DCP Fire Extinguisher	No.	-		
1.2	5.0 kg CO ₂ Fire Extinguisher	No.	-		
1.3	9.0 kg CO ₂ Fire Extinguisher	No.	-		
1.4	Supply and install Fire Hydrant	No.	1		
1.5	Supply and install Weather proof encloser boxes for extinguisher	No.	-		
2	EXISTING FIRE EXTINGUISHERS: Servicing of fire extinguishers itemised below:				
2.1	4.5 kg DCP Fire Extinguisher	No.	4		
2.2	5.0 kg CO ₂ Fire Extinguisher	No.	1		
2.3	9.0 kg CO ₂ Fire Extinguisher	No.	1		
3	STATUTORY EMERGENCY SIGNAGE: Supply, delivery, installation, cleaning and commissioning of statutory emergency signage installation in accordance with this document and SANS 1186 Parts 1 and 5 – including all anodised aluminium frames, hooks, chains and other fixing materials as required. Note all signage must 190mm high, Photoluminescent, with a visible SABS stamp of approval, and must be mechanically screw fixed.				
3.1	Running man & arrow sign - E1	No.	3		
3.2	Running man & arrow sign - E2	No.	4		
3.3	Running man, arrow pointing down - E3	No.	6		
3.4	Arrow, extinguisher, hose reel, hydrant sign - F1	No.	1		
3.5	Arrow, extinguisher, hose reel, hydrant sign - F2	No.	1		
3.6	Arrow, extinguisher, hose reel, hydrant sign - F3	No.	1		
3.7	Arrow, extinguisher, hose reel sign - F4	No.	3		
3.8	Break Glass unit - F31	No.	2		
3.9	Fire exit keep clear - F45	No.	2		
3.10	Exit sign - E6	No.	2		
4	FIRE RATED DOORS: Supply, delivery, of Fire doors equal and approved to Allandale, Amador, & SDA. The doors must be SABS approved, with certification tags on both the door frame and door leaf as itemised below: Note the fire doors must have steel frames with 25mm rebates as per SANS 10400 and SANS 1253				
4.1	60 minute fire rated doors - 811mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
4.2	60 minute fire rated doors - 815mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
4.3	60 minute fire rated doors - 767mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
5	FIRE SEALING: Supply, and Installation of SABS approved 60 minute Fire sealing elements with certification reports as itemised below:				
5.1	Supply and install 60min fire rated fire sealing elements to gap between top of separation wall (between fire zones & Underside of slab/roof).	m	34		
5.2	Supply and install fire sealing for Shaft floor penetration & wall - fire water pipe, electrical cables, data cables,etc	Item	2		
6	Any other items (Specify)	Item	Sum		
Total for Bill No.2 carried forward to the final collection page:					

FIRE PROTECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK C				Date:	2022/07/14
Drawing Reference : 21B09-F-503-04				Page:	4 of 6
Location : BROOKLYN				Prepared by:	L.S
Floor level : FIRST STOREY				Revision:	0
BILL N°3					
FIRE PROTECTION SYSTEM					
Section 1. HAND HELD FIRE PROTECTION EQUIPMENT (FIRE EXTINGUISHERS)					
Refer to drawings: 21B09-F-503-04					
Item N°	Description	Unit	Qty.	Rate	Amount R c
1	HYDRANT, HOSE REEL AND EXTINGUISHERS INSTALLATION: Supply, delivery, installation, connection, testing and commissioning of a completely functioning Fire extinguishers installation as itemised below:				
1.1	4.5 kg DCP Fire Extinguisher	No.	-		
1.2	5.0 kg CO ₂ Fire Extinguisher	No.	-		
1.3	Supply & install Fire Hydrant	No.	1		
1.4	Supply & install Weather proof encloser boxes for extinguisher	No.	-		
2	EXISTING FIRE EXTINGUISHERS - Servicing of fire extinguishers itemised below:				
2.1	4.5 kg DCP Fire Extinguisher	No.	3		
2.2	5.0 kg CO ₂ Fire Extinguisher	No.	2		
3	EXISTING FIRE EXTINGUISHERS: Relocate & servicing of Fire Extinguisher:				
2.1	4.5 kg DCP Fire Extinguisher	No.	2		
4	STATUTORY EMERGENCY SIGNAGE: Supply, delivery, installation, cleaning and commissioning of statutory emergency signage installation in accordance with this document and SANS 1186 Parts 1 and 5 – including all anodised aluminium frames, hooks, chains and other fixing materials as required. Note all signage must 190mm high, Photoluminescent, with a visible SABS stamp of approval, and must be mechanically screw fixed.				
4.1	Running man & arrow sign - E1	No.	3		
4.2	Running man & arrow sign - E2	No.	3		
4.3	Running man, arrow pointing down - E3	No.	2		
4.4	Arrow and extinguisher sign - F13	No.	2		
4.5	Arrow, extinguisher, hose reel, hydrant sign - F1	No.	1		
4.6	Arrow, extinguisher, hose reel, hydrant sign - F2	No.	1		
4.7	Arrow, extinguisher, hose reel, hydrant sign - F3	No.	1		
4.8	Arrow, extinguisher, hose reel sign - F5	No.	2		
4.9	Arrow, extinguisher, hose reel sign - F6	No.	2		
4.10	Running man, stair & arrow sign - E16	No.	1		
4.11	Running man, stair & arrow sign - E17	No.	1		
4.12	Break Glass unit - F31	No.	2		
4.13	Fire exit keep clear - F45	No.	1		
4.14	Exit sign - E6	No.	1		
5	FIRE RATED DOORS: Supply, delivery, of Fire doors equal and approved to Allandale, Amador, & SDA. The doors must be SABS approved, with certification tags on both the door frame and door leaf as itemised below: Note the fire doors must have steel frames with 25mm rebates as per SANS 10400 and SANS 1253				
5.1	60 minute fire rated doors - 813mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
5.2	60 minute fire rated doors - 1167mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
5.3	60 minute fire rated doors - 1165mm (wide) x 2100mm (high), Single door, single swing complete with door closer.	No.	1		
6	FIRE SEALING: Supply, and Installation of SABS approved 60 minute Fire sealing elements with certification reports as itemised below:				
6.1	Supply and install 60min fire rated fire sealing elements to gap between top of separation wall (between fire zones & Underside of slab/roof).	m	55		
6.2	Supply and install fire sealing for Shaft floor penetration - fire water pipe, electrical cables, data cables,etc	Item	2		
7	Any other items (Specify)	Item	Sum		
Total for Bill No.3 carried forward to the final collection page:					



FIRE PROTECTION INSTALLATION BILLS OF QUANTITIES					
Project Name : LAHAE LA SARS - BLOCK C				Date:	2022/07/14
Drawing Reference : 21B09-F-503-03 & 21B09-F-503-04				Page:	5 of 6
Location : BROOKLYN				Prepared by:	L.S
Floor level : GROUND STOREY & FIRST STOREY				Revision:	1
BILL N°4					
FIRE PROTECTION SYSTEM					
Section 1. HAND HELD FIRE PROTECTION EQUIPMENT (FIRE HYDRANTS, FIRE HOSE REELS & PIPING)					
Refer to drawings: 21B09-F-503-03 & 21B09-F-503-04					
Item N°	Description	Unit	Qty.	Rate	Amount R c
1	HOSE REEL, HYDRANT AND EXTINGUISHER INSTALLATION Supply, delivery, installation, connection, testing and commissioning of a completely functioning hose reel installation as itemised below:				
1.1	Supply & Install Fire Hose Reels (30m long) , complete with chromium plated 25mm valve fittings (not plastic), with pressure gauges, with isolating valve, hose roller guides and service stickers (on the drum and face of the hose reel) with all required fixings.	No.	1		
2	Supply & Install Weather proof encloser boxes for fire hose reel	No.	-		
3.	FIRE HYDRANT INSTALLATION Supply, delivery, installation, connection, testing and commissioning of a completely functioning hose reel installation as itemised below:				
3.1	100mm diameter wall mounted type high efficiency fire hydrant fully installed at site	m	2		
3.2	100mm diameterclass 16 HDPE connecting main from booster connection to external hydrant positions including breaking in, elbows, fittings, hangers, offsets around structure, thrust blocks, trenching and backfilling.	m	-		
4	HOSE REEL PIPING SUPPLY & INSTALLATION Supply, delivery, installation, connection, testing and commissioning of a completely functioning hose reel installation as itemised below:				
4.1	Supply & Install of Black Steel c/w fittings and supports for above ground installation as specified				
4.1.1	25mm Nominal Bore	m	21		
4.1.2	100mm Norminal Bore	m	40		
4.1.3	Painting and identification of all fire pipe work as per SABS	Item	1		
4.1.4	Pipework Flushing as per SABS	Item	1		
4.1.5	Pipework Pressure Test as per SABS	Item	1		
5	EXISTING HOSE REEL SERVICING Servicing of fire hose reel	No.	2		
6	Any other items (specify)	Item	Sum		
Total for Bill No.4 carried forward to the final collection page:					

