

C1.2.9 Fire Detection Installation - Bill NO.19					
PRICING SUMMARY - SANSA MATJIESFONTEIN					
Item	Description	Unit	Qty	Rate R (Excl 15% VAT)	Total R (Excl 15% VAT)
	<p>All Rates Below are considered supplied and installed.</p> <p>Pricing summary sheet to be correlated against the drawings</p> <p>Supply, install and connect inclusive of all fixing materials, wastage and sundries. CLASS A wiring method.</p> <p>The buildings shall be equipped with a category L2/M category fire detection system, and alarm system designed by a competent (registered SAQCC designer), installed and commissioned in accordance with SANS 10139-2021:</p> <p>Audible and visual alarms to be positioned throughout all accessible areas of the building as per SANS 10139:2021. The tenderer to ensure that a DB level of between 60 and 65 DB is achieved, positions indicated on the drawing is only advisory, final positions to be determined on site dependant on tenant layouts and DB levels achieved</p> <p>Floor voids in the equipment rooms to have detection installed complete with remote LED</p> <p>Conduits and wireways are supplied by the site electrician</p> <p>Design, installation and commissioning certificates are required to be issued upon completion by the registered SAQCC installer</p> <p>10.1 PRELIMINARIES (Carried Forward from Annexure)</p> <p>10.2 Main Building Fire Detection (P3589-FD-00 Rev B)</p> <p>a Addressable 2 Loop fire panel, standby batteries, local sounder, logbook and holder</p> <p>b Addressable Ceiling Optical smoke detector, including base</p> <p>c Addressable Void & Floor smoke detector, including base & remote LED</p> <p>d Addressable Rate-of-Rise heat detector, including base</p> <p>e Addressable Rate-of-Rise heat detector, including base, beacon sounder combination</p> <p>f NASA Equipmnet room Vesda system 1 pipe - system to interface with main panel</p> <p>g SANSA Equipmnet room Vesda system 1 pipe - system to interface with main panel</p> <p>h Addressable Manual Call point (RED), including back box</p> <p>i Conventional Manual Call point (Green), including back box (door release)</p> <p>j Addressable Combination detector/beacon sounder, base mount for tenancy spaces</p> <p>k Addressable Wall mount combination beacon sounder</p> <p>l Line Isolators, CLASS A wiring method</p> <p>m Output units (Mains) for auxiliary shutdowns and interfacing</p> <p>n Output units for auxiliary signalling - door release</p> <p>o 24VDC power supplies plus batteries Vesda Unit</p> <p>p Fire retardant field wiring, 1.0mm² PH30</p> <p>q Mapping, programming, testing and commissioning</p> <p>r 220v AC Isolator points</p> <p>s Training of staff and personnel</p> <p>t Operation and Maintenance manuals, As-built drawings - 3 Sets</p> <p>u 12 month service and maintenance contract</p>				
		no	1		
		no	22		
		no	35		
		no	0		
			1		
		sum	1		
		sum	1		
		no	15		
		no	2		
		no	9		
		no	6		
		sum	4		
		no	10		
		no	2		
		no	2		
		sum	1		
		sum	1		
		no			
		sum	1		
		no	3		
		sum	1		

10.3 Generator Building Fire Detection (P3589-FD-00 Rev B)					
a	Addressable fire panel 1 Loop, standby batteries, local sounder, logbook and holder	no	1		
b	Addressable Ceiling Optical smoke detector, including base	no	9		
c	Addressable Void Ceiling Optical smoke detector, including base & remote LED		4		
d	Interface for detection panel to link and send signal to main fire panel at Main building. Radio link fire & fault capabilities due to distances between buildings	no	1		
e	Addressable Rate-of-Rise heat detector, including base	no	1		
f	Addressable Manual Call point (RED), including back box	no	3		
g	Addressable Manual Call point (Green), including back box	no	0		
h	Addressable Combination beacon sounder, base mount for tenancy spaces	no	0		
i	Addressable Wall mount combination beacon sounder	no	3		
j	Line Isolators, CLASS A wiring method	sum	2		
k	Output units Mains for auxiliary shutdowns and interfacing	no	3		
l	Input units for auxiliary signalling - rate only	no	0		
m	24VDC power supplies plus batteries	no			
n	Fire retardant field wiring, 1.0mm² PH30	sum	1		
o	Mapping, programming, testing and commissioning	sum	1		
p	220v AC Isolator points	no			
q	Training of staff and personnel	sum	1		
r	Operation and Maintenance manuals, As-built drawings - 3 Sets	no	3		
s	12 month service and maintenance contract	sum	1		
10.3 Gatehouse Building Fire Detection (P3589-FD-00 Rev B)					
a	Addressable fire panel, standby batteries, local sounder, logbook and holder	no	1		
b	Addressable Ceiling Optical smoke detector, including base	no	5		
c	Addressable Void Ceiling Optical smoke detector, including base & remote LED		3		
d	Interface for detection panel to link and send signal to main fire panel at Main building. Allow for wifi capabilities due to distances between buildings	no	1		
e	Addressable Rate-of-Rise heat detector, including base	no	1		
f	Addressable Manual Call point (RED), including back box	no	1		
g	Addressable Manual Call point (Green), including back box	no	0		
h	Addressable Combination beacon sounder, base mount for tenancy spaces	no			
i	Addressable Wall mount combination beacon sounder	no	1		
j	Line Isolators, CLASS A wiring method	sum	2		
k	Output units Mains for auxiliary shutdowns and interfacing	no	1		
l	Input units for auxiliary signalling - rate only	no	0		
m	24VDC power supplies plus batteries	no			
n	Fire retardant field wiring, 1.0mm² PH30	sum	1		
o	Mapping, programming, testing and commissioning	sum	1		
p	220v AC Isolator points	no			
q	Training of staff and personnel	sum	1		
r	Operation and Maintenance manuals, As-built drawings - 3 Sets	no	3		
s	12 month service and maintenance contract	sum	1		
t	Other items required but not listed above - Contractor to specify Labour, Travel, Transport, Accommodation, Meals, Tolls		1		R -
10.4 Total ex VAT carried to BILL NO.19 FIRE DETECTION INSTALLATION Part C1.2.9					