

PART I - ELECTRICAL INSTALLATION

SECTION 5 - BILLS OF QUANTITIES - BLOEMFONTEIN GOVERNMENT BUILDING: SARS

BILL NO: 7 - MECHANICAL SUPPLY POINTS - ELECTRICAL INSTALLATION

Number	Item Description	Unit	Quant	Rate	Amount
1	Conduit for Electrical Installation Complete as specified including draw boxes, fittings, couplings, adaptors, locknuts, bushes, saddles and accessories. Installed surface against walls, chased into brickwork, casted in concrete and fixed to roof structures.				
a	PVC: 20mm Ø	Supply Install	m m	2000 2000	
b	PVC: 25mm Ø	Supply Install	m m	20 20	
d	Galvanised steel: 20mm Ø	Supply Install	m m	60 60	
2	Conduit Boxes and Fittings Galvanised steel fixed or chased into new or existing brickwork for wall mount equipment.				
a	100 x 50 x 50mm Surface box (White PVC)	Supply Install	No No	184 184	
b	100 x 100 x 50mm Surface box (White PVC)	Supply Install	No No	28 28	
3	Wiring Duct				
a	Wiring Duct complete including covers and mounting accessories. P9000 Galvanised with steel cover, mounted suspended from concrete ceiling	Supply Install	m m	260 260	
	TOTAL CARRIED FORWARD			R	

	TOTAL BROUGHT FORWARD			R	
4	Conductors				
	PVC insulated stranded copper conductor drawn into wireways				
a	4mm ²	Supply	m	9000	
		Install	m	9000	
	Green PVC insulated stranded copper earth conductor drawn into wireways				
b	2.5mm ²	Supply	m	4500	
		Install	m	4500	
5	Remove Existing Electrical Connections to Old A/C's				
	(Includes making safe of all electrical and wiring connections safe)				
a	Remove existing old A/C isolator complete with conduit and wiring	Supply	m	0	
		Install	m	106	
6	Isolators and special points				
	Isolators complete with drawbox, steel cover plate fixed and connected in draw box.				
	<i>(Including Brother tape circuit label on cover)</i>				
a	100A 3 Pole VRV A/C Unit (Surface - complete with weatherproof York box)	Supply	ea	6	
		Install	ea	6	
b	60A 3 Pole Extraction Fan (Surface - complete with weatherproof York box)	Supply	ea	6	
		Install	ea	6	
c	30A 2 Pole Extractor Fan (Surface - metal box type)	Supply	ea	16	
		Install	ea	16	
d	30A 2 Pole Extractor Fan (Surface - metal box type)	Supply	ea	4	
		Install	ea	4	
e	20A 2 Pole A/C Indoor unit (Surface - 2 x 4)	Supply	ea	176	
		Install	ea	176	
f	20A 2 Pole Extractor Fan (Surface - 2 x 4)	Supply	ea	10	
		Install	ea	10	
	TOTAL FOR BILL NO:7 - CARRIED FORWARD TO SUMMARY SHEET				R