

PART I - ELECTRICAL INSTALLATION

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

BILL NO: 3 - BASEMENT - 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	100 100	
b	PVC: 25mm Ø	Supply Install	m m	60 60	
d	Galvanised steel: 20mm Ø	Supply Install	m m	800 800	
2	Conduit Boxes and Fittings Galvanised steel fixed or chased into new or existing brickwork for wall mount equipment.				
a	60mm round conduit box (PVC)	Supply Install	No No	60 60	
b	60mm round conduit box (Galvanized steel)	Supply Install	No No	110 110	
c	100 x 50 x 50mm Deep surface box	Supply Install	No No	25 25	
d	100 x 100 x 50mm Deep wall box	Supply Install	No No	20 20	
e	100 x 100 x 50mm Deep surface box	Supply Install	No No	30 30	
TOTAL CARRIED FORWARD				R	

	TOTAL BROUGHT FORWARD				R
3	Power Skirting and Wiring Duct 2 Compartment, 2Cover Steel, complete including covers and mounting accessories. (Matt Black - similar to existing)				
a	Power Skirting with covers	Supply	m	12	
		Install	m	12	
b	90deg Internal elbow	Supply	ea	2	
		Install	ea	2	
c	Endcaps	Supply	ea	4	
		Install	ea	4	
d	Blank covers for data & Tel outlets	Supply	ea	4	
		Install	ea	4	
e	Wiring Duct complete including covers and mounting accessories. P9000 Galvanised with steel cover, mounted suspended from concrete ceiling	Supply	m	100	
		Install	m	100	
4	Conductors PVC insulated stranded copper conductor drawn into wireways				
a	2,5mm ²	Supply	m	3800	
		Install	m	3800	
b	4mm ²	Supply	m	1100	
		Install	m	1100	
c	6mm ²	Supply	m	80	
		Install	m	80	
d	Green PVC insulated stranded copper earth conductor drawn into wireways 2,5mm ²	Supply	m	2400	
		Install	m	2400	
e	4mm ²	Supply	m	40	
		Install	m	40	
5	Remove and strip existing old light fittings and conduits in Basement				
a	Remove existing old light fittings, conduit and wiring	Supply	sum	1	
		Install	sum	1	
	TOTAL CARRIED FORWARD				R

	TOTAL BROUGHT FORWARD			R	
6	Light Fittings and Equipment Supply and install Light Fittings or equipment complete with lamps, connections, etc (as per lighting schedule and SARS attachments)				
a	Light Fitting: Type F1 (2 Tube open channel - 2 x 58W EC)	Supply	ea	128	
		Install	ea	128	
b	Light Fitting: Type F6 (2 Tube Vapour Proof - 2 x 58W EC)	Supply	ea	6	
		Install	ea	6	
c	Light Fitting: Type F7 (2 Tube Explosion Proof - 2 x 58W EC - Class 1 / Div 1)	Supply	ea	2	
		Install	ea	2	
d	Light Fitting: Type A6 (Beka Series 40 Bulkhead - 2 x 18W)	Supply	ea	4	
		Install	ea	4	
7	Light Switches Switches - Crabtree type with steel cover plate and earth terminal, to match the existing installation. (Including Brother tape circuit label on cover)				
a	16A 1-lever 1-way switch	Supply	ea	14	
		Install	ea	14	
8	Switched Socket Outlets Socket outlets - Crabtree type with steel cover plate and earth terminal, to match the existing installation. (Including Brother tape circuit label on cover)				
a	16A Three-pin Single switched socket outlet	Supply	ea	10	
		Install	ea	10	
b	16A Three-pin Double switched socket outlet	Supply	ea	12	
		Install	ea	12	
c	16A Three-pin switched socket outlet in power skirting	Supply	ea	2	
		Install	ea	2	
d	16A Three-pin dedicated switched socket outlet in power skirting	Supply	ea	2	
		Install	ea	2	
f	16A Three-pin unswitched socket outlet with plugtop	Supply	ea	12	
		Install	ea	12	
9	Earthing				
a	Earthing and Bonding of installation as specified per building	Sum		1	

	TOTAL FOR BILL NO:3 - CARRIED FORWARD TO SUMMARY SHEET			R	