

ITEM	DESCRIPTION	UNIT	QTY	Material	Labour	Total Amount
The supply, installation, testing, commissioning and a 52 week defects liability period in accordance with this bill of material, Local Supply Authority's by-laws & regulations, National Building Regulations, Regulations of Telkom, SANS 10142-1: 2003 (Code of Practice), Occupational Health and Safety Act, General Conditions of Contract, Local fire regulations and drawings.						
PART 1: PRELIMINARY AND GENERAL						
	<u>Fixed charge items</u>					
a	Travelling	Sum	1			
b	<u>AS BUILT DRAWINGS:</u> The marking - up of "As Built" drawings during the contract to ensure that accurate As Built drawings are submitted to the Engineer at the end of the contract.	Sum	1			
c	JBCC contracts (3xsets)	Sum	1			
d	Health & safety file	Sum	1			
e	Allowance for supervisor on site	Sum	1			
	<i>SUB-TOTAL TO BE CARRIED OVER TO SUMMARY PAGE</i>					

PART 2: ELECTRICAL INSTALLATION

SECTION 2.1 : DISTRIBUTION BOARDS						
		UNIT	QTY	Material	Labour	Total Amount
2.1.1	Supply and install floor standing Distribution Board					
2.1.1.1	Studio1	each	1			
2.1.1.2	Studio2	each	1			
2.1.1.3	Studio3	each	1			
2.1.1.4	Studio4	each	1			
2.1.1.5	Studio5	each	1			
2.1.1.6	Studio7	each	1			
2.1.1.7	Studio9	each	1			
2.1.1.8	Studio10	each	1			
2.1.1.9	Studio11	each	1			
2.1.1.10	Studio12	each	1			
SUB-TOTAL TO BE CARRIED OVER TO SUMMARY PAGE						
SECTION 2.2 : L.V. CABLING						
2.2.1.	<u>Cables:</u>					
	Rates to include for supply, delivery and installation, but excluding trenching, terminations, joints and cable supports for PVC/SWA 600/1000V copper cables laid in trenches, installed in sleeves, fixed on surface and laid on trays:					
2.2.1.1	6mm ² x 4-core PVC-SWA cable for cee form for all studios	m	990			
2.2.1.2	10mm ² x 4-core PVC-SWA cable for studio 1	m	60			
2.2.1.3	10mm ² x 4-core PVC-SWA cable for studio 2	m	80			
2.2.1.4	25mm ² x 4-core PVC-SWA cable for studio 3	m	30			
2.2.1.5	10mm ² x 4-core PVC-SWA cable for studio 3	m	30			
2.2.1.6	25mm ² x 4-core PVC-SWA cable for studio 4	m	30			
2.2.1.7	10mm ² x 4-core PVC-SWA cable for studio 4	m	30			
2.2.1.8	50mm ² x 4-core PVC-SWA cable for studio 5	m	50			
2.2.1.9	10mm ² x 4-core PVC-SWA cable for studio 5	m	30			
2.2.1.10	25mm ² x 4-core PVC-SWA cable for studio 7	m	35			
2.2.1.11	10mm ² x 4-core PVC-SWA cable for studio 7	m	30			
2.2.1.12	10mm ² x 4-core PVC-SWA cable for studio 9	m	30			
2.2.1.13	10mm ² x 4-core PVC-SWA cable for studio 10	m	40			
2.2.1.14	10mm ² x 4-core PVC-SWA cable for studio 11	m	40			
2.2.1.15	10mm ² x 4-core PVC-SWA cable for studio 12	m	40			
2.2.1.16	4mm insulated earth wire	m	990			
2.2.1.17	6mm insulated earth wire	m	260			
2.2.1.18	10mm insulated earth wire	m	95			
2.2.1.19	25mm insulated earth wire	m	50			
2.2.2	<u>Cable Terminations:</u>					
	For PVC-SWA cables including armour glands, shrouds, lugs and connections:					
a	10mm ² x 4-core copper.	each	24			
b	25mm ² x 4-core copper.	each	6			
c	50mm ² x 4-core copper.	each	2			
	<u>Earthing:</u>					
d	6mm ² .	m	24			
e	10mm ² .	m	6			
f	25mm ² .	m	2			

2.2.3	Supply and install 32A 5 pin male cee form including wiring with 6mm ² 4 core cable, cable allowed under item 2.2.1.1.					
a	Studio1	each	7			
b	Studio2	each	7			
c	Studio3	each	13			
d	Studio4	each	13			
e	Studio5	each	24			
f	Studio7	each	13			
g	Studio9	each	7			
h	Studio10	each	7			
i	Studio11	each	7			
j	Studio12	each	7			
2.2.4	Supply and install circuit breakers in the existing distribution board make CBI					
2.2.4.1	Studio1 60A TP	each	1			
2.2.4.2	Studio1 60A TP Normal Section	each	1			
2.2.4.3	Studio2 60A TP	each	1			
2.2.4.4	Studio2 60A TP Normal section	each	1			
2.2.4.5	Studio3 150A TP	each	1			
2.2.4.6	Studio3 60A TP Normal section	each	1			
2.2.4.7	Studio4 150A TP	each	1			
2.2.4.8	Studio4 60A TP Normal section	each	1			
2.2.4.9	Studio5 200A TP	each	1			
2.2.4.10	Studio5 60A TP Normal section	each	1			
2.2.4.11	Studio7 150A TP	each	1			
2.2.4.12	Studio7 60A TP Normal section	each	1			
2.2.4.13	Studio9 60A TP	each	1			
2.2.4.14	Studio10 60A TP	each	1			
2.2.4.15	Studio11 60A TP	each	1			
2.2.4.16	Studio12 60A TP	each	1			
2.2.5.	<u>Cable Trays:</u>					
2.5.1.	Approved galvanised wire mesh cable trays suspended from concrete slabs by means of threaded rods or similar approved method, including offsets as per drawings:					
a	200 wide.	m	100			
b	100 wide.	m	250			
	<i>SUB-TOTAL TO BE CARRIED OVER TO SUMMARY PAGE</i>					
	<u>SECTION 3 : PC AMOUNTS, TESTING & COMMISSIONING</u>					
a	PC amount for alteration on existing installation	Sum	1			R 160,000.00
b	COC's	each	10			
	<i>SUB-TOTAL TO BE CARRIED OVER TO SUMMARY PAGE</i>					

PROVISIONAL BILL OF QUANTITIES

SUMMARY PAGE

	DESCRIPTION:			
1	P&G's		R	-
2	Electrical Installation		R	-
3	PC Sums:		R	-
	Sub Total:		R	-
4	Contingency amount (10%):		R	-
	VAT			
	TOTAL (Carry over to Form of Tender)		R	-