

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
	BILL NO 1 PROVISIONAL				
	ELECTRICAL RETICULATION (PROVISIONAL)				
	A Preliminary and General item is provided to cover the Contractor's charges for compliance with the Conditions of Contract and this Specification, including the provision, maintenance and removal of his site establishment, etc.				
1,10	FIXED CHARGES				
1.1.1	Site Establishment	Sum	1,00		
1.1.2	Removal of Site Establishment	Sum	1,00		
1.1.3	Provision of Electricity and Water	Sum	1,00		
1.1.4	Provision of Toilet Facilities	Sum	1,00		
1.1.5	<u>Other Fixed-charge Obligations</u>	Sum	1,00		
	(Please Specify).	Sum	1,00		
	. . . . .	Sum	1,00		
1,20	CONTRACTUAL REQUIREMENTS				
1.2.1	Provision of Sureties	Sum	1,00		
1.2.2	Insurances	Sum	1,00		
1.2.3	Third Party Insurance	Sum	1,00		
1.2.4	Guarantee of the Works	Sum	1,00		
1.2.5	Provide Test Results	Sum	1,00		
1.2.6	Provision of Record Drawings	Sum	1,00		
1.2.7	All OHSA Requirements including safety equipment and clothing	Sum	1,00		
1.2.8	<u>Other Value Related Obligations</u>	Sum	1,00		
	(Please Specify).	Sum	1,00		
	. . . . .	Sum	1,00		
	. . . . .	Sum	1,00		
1,30	TIME-RELATED ITEMS		1,00		
1.3.1	Contractual Requirements	Sum	1,00		
1.3.2	Operation and Maintenance of Site Establishment	Sum	1,00		
1.3.3	Supervision for the Duration of Contract	Sum	1,00		
1.3.4	<u>Other Time-Related Obligations</u>	Sum	1,00		
	(Please Specify).	Sum	1,00		
	. . . . .	Sum	1,00		
TOTAL SCHEDULE NO. 1 TO PRICE SUMMARY					

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
2.1	BILL NO. 2 : LV CABLES <u>Cables</u> PVC SWA PVC ECC Cable drawn into building entry sleeve, mounted on Tray or Wire Basket. All 600/1000V Copper Cables as specified. Cables to have additional bare copper conductor for earthing. If not available tenderer to allow addition suitable earth conductor for the cable				
2.1.1	6mm² 4 core (HVAC)				
	Supply	m	300,00		
	Install	m	300,00		
2.1.1.1	Termination for 6mm² 4 core cable	each	14,00		
2.1.2	4mm² 4 core (HVAC)				
	Supply	m	300,00		
	Install	m	300,00		
2.1.2.1	Termination for 4mm² 4 core cable	each	14,00		
TOTAL SCHEDULE NO. 2 TO PRICE SUMMARY					

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
	BILL NO. 3 : SWITCHGEAR EQUIPMENT				
3.1	<u>Switchgear</u> Rocker type light switch with coverplate installed into a flush box measured elsewhere.				
3.1.1	<u>Socket Outlets</u>				
3.1.1.1	16 Amp 3 pin switched socket outlets (Complying with SANS 161&162) with cover plates Standard: installed in a flush wall Box (single). Colour: White				
	Supply	each	5,00		
	Install	each	5,00		
3.1.1.2	16 Amp 3 pin switched socket outlets ceiling mounted with surface-box and cover plates Standard: (White)				
	Supply	each	5,00		
	Install	each	5,00		
3.1.2	5 amp unswitched Socket outlet surface-box and cover plates				
	Supply	each	20,00		
	Install	each	20,00		
3.2	ISOLATORS Supply and install complete Air conditioning points including all cables, isolators and associated equipment.				
3.2.1	30-32 Amp triple pole Surface mounted weather protected isolator. Wall Mounted	Each	8,00		
3.2.2	30-32 Amp double pole Surface mounted weather protected isolator. Wall Mounted	Each	2,00		
3.2.3	15-20 Amp double pole Surface mounted weather protected isolator. Wall Mounted	Each	5,00		
3.2.4	15-20 Amp triple pole Surface mounted weather protected isolator. Wall Mounted	Each	10,00		
3,3	<u>Light Switches</u>				
	16 Amp rocker type light switch with coverplate installed into a flush box measured elsewhere.				
3.3.1	Single lever, one way				
	Supply	each	8		
	Install	each	8		
3.3.2	Switch box (flush-mount) with 6 key operated light switches complete with cover plates including accessories and fastners				
	Supply	each	7		
	Install	each	7		
TOTAL SCHEDULE NO. 3 TO PRICE SUMMARY					

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
4.1	<p>BILL NO. 4 : CONDUITS, SLEEVES AND WIREWAYS</p> <p><u>Conduit</u></p> <p>PVC conduit chased into brickwork, cast in concrete or fixed on trusses in ceiling void including cutting, bending, reaming, setting, joining, draw boxes and fixing material (average).</p>				
4.1.1	20mm				
	Supply	m	8500,00		
	Install	m	8500,00		
4.1.2	25mm				
	Supply	m	300,00		
	Install	m	300,00		
4,2	<p><u>Conduit Boxes</u></p> <p>Round Galvanised box for 20mm conduit, back or side entry for 1, 2, 3 or 4-way chased into brickwork, cast into concrete or fixed in trusses including couplings bushes cover plates and fixing materials (average rate)</p>				
4.2.1	20mm Galv round box				
	Supply	each	300,00		
	Install	each	300,00		
4.2.2	25mm Galv round box				
	Supply	each	30,00		
	Install	each	30,00		
4,3	Galvanised boxes with 20mm knockouts as specified chased into brickwork.				
4.3.1	100mm x 50mm x 50mm				
	Supply	each	10		
	Install	each	10		
4.3.2	100mm x 100mm x 50mm				
	Supply	each	4		
	Install	each	4		
4,4	<p><u>WIRING DUCT</u></p>				
4.4.1	P9000 galvanised wiring duct including PVC covers, roof hangers and splices.				
	Supply	m	60,00		
	Install	m	60,00		
TOTAL TO THE NEXT PAGE					

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ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
TOTAL FROM PREVIOUS PAGE					
4.2.1.1	Tee radiused				
	Supply	each	2,00		
	Install	each	2,00		
4.2.1.2	Distribution Outlet				
	Supply	each	6,00		
	Install	each	6,00		
4.2.2	Cable Tray				
4.2.2.1	52mm wide perforated Galvanised Cable tray installed on side mounted angle Brackets.(Light Duty Cable Tray)				
	Supply	m	60,00		
	Install	m	60,00		
4.2.2.2	90 bends				
	Supply	each	6,00		
	Install	each	6,00		
TOTAL SCHEDULE NO. 4 TO PRICE SUMMARY					

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
5,1	BILL NO. 5 : CONDUCTORS Conductors <u>600/1000 grade PVC insulated single core copper</u> <u>conductors drawn into conduit</u>				
5.1.1	1,5mm² red/black				
	Supply	m	7000,00		
	Install	m	7000,00		
5.1.2	2,5mm² red/black				
	Supply	m	600,00		
	Install	m	600,00		
5.1.3	2,5mm² Yellow-Green				
	Supply	m	4000,00		
	Install	m	4000,00		
5.1.4	4mm² surfix (for ACU isolators)				
	Supply	m	400,00		
	Install & terminate	m	400,00		
TOTAL SCHEDULE NO. 5 TO PRICE SUMMARY					

BUILDING ELECTRICAL INSTALLATIONS

ITEM	DESCRIPTION	UNIT	QTY	RATE	TENDER AMOUNT
	BILL NO. 6: SUNDRY ITEMS				
6.1	Housekeeping, sundry items, consumable stocks such as circuit beads engraving, labels etc.	Sum	1,00		
6.2	Testing of complete installation in terms of the regulation	Sum	1,00		
6.3	Provide for the earthing of the new buildings to wiring code	Sum	1,00		
6.4	Provide Certificate of Compliance for the new works	Sum	1,00		
6.5	Provide As-built drawing for the new works	Sum	1,00		
6.6	Municipal Supply Upgrade				
6.7.1	Allow for Municipal power supply upgrade costs including deposits	Sum	1	R 157 000,00	
6.6.1.1	Allow for mark-up or handling fee for above item 8.7.1	%			
6.7	Removal of existing electrical installations				
6.7.1	Removal and disposing of existing electrical installations (cables, conduits, lights, DBs, Socket Outlets, wires, etc.)				
	Electrician	hrs	80		
	Semi-skilled	hrs	80		
TOTAL SCHEDULE NO. 6 TO PRICE SUMMARY					

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**BUILDING ELECTRICAL INSTALLATION
SUMMARY OF MAIN BILL**

DESCRIPTION	AMOUNT
BILL NO. 1 : P&G'S	
BILL NO. 3 : CABLES	
BILL NO. 5 : SWITCHGEAR EQUIPMENT	
BILL NO. 6 : CONDUITS, SLEEVES AND WIREWAYS	
BILL NO. 7 : CONDUCTORS	
BILL NO. 8 : SUNDRY ITEMS	
SUBTOTAL	
Add 15% VAT	
Total Including VAT [CARRY TO FORM OF OFFER]	