

Warehouse for SARS Musina**Loading bay****PRICE SCHEDULE : BILL No 1****Preliminary & General**

Do not add VAT to the individual items. Add VAT in the final summary.

The prices for the items must be inclusive of all costs to provide a COMPLETE installation.

Item	Description		Qty	Rate	Amount
1.1	Allowance should be made for preliminary items which are not priced with the bills of quantities items as follows: SUBCONTRACT CONDITIONS AND PRELIMINARIES				
1.1.1	JBCC Series 2000 n/s subcontract agreement preliminaries	Sum	1		-
1.2	SHOP DRAWING & SAMPLE APPROVAL				
1.2.1	Allow for the preparation of shop drawings and material samples for examination and approval as specified.	Sum	1		-
1.3	TESTING AND COMMISSIONING				
1.3.1	Allow for inspection, testing and commissioning of the complete installation. The Engineer will witness.	Sum	1		-
1.4	CERTIFICATE OF COMPLIANCE				
1.4.1	Allow for the provision of a Certificate of Compliance in terms of the SANS specifications for each completed distribution board.	Sum	1		-
1.5	MAINTENANCE INSTRUCTION MANUALS				
1.5.1	Allow for the provision of a complete set (3 Copies) of maintenance and operating manuals of the complete electrical installation as specified.	Sum	1		-
1.6	RECORD AS BUILT DRAWINGS				
1.6.1	Allow for the provision of a complete set (3 Copies) of marked-up record "as-built" drawings of the final layout of the electrical services.	Sum	1		-
1.7	MAINTENANCE				
1.7.1	Allow for a maintenance period of 12 months in terms of equipment, material and workmanship, wear and tear and normal maintenance excluded. Note: luminaire maintenance will include lamp replacement	Sum	1		-
1.8	GUARANTEE PERIOD				
1.8.1	Allow for a 12 months guarantee period on all the electrical equipment.	Sum	1		-
TOTAL FOR BILL NO 1 CARRY FORWARD TO SUMMARY					R -

Warehouse for SARS Musina**Loading bay****PRICE SCHEDULE : BILL No 2****Lighting and Small Power**

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Item	Description	Unit	Qty	Rate	Amount
2	Supply, installation, connections, testing, commissioning and handing over in working order of the lighting and small power point installations complete with conduits, conduit ends, draw boxes, switches, socket outlets, Pratley boxes, wiring, lugs, all fixing materials, bolts, nuts and washers, brackets and all small materials as required:				
2.1	CONDUIT AND ACCESSORIES				
	SANS approved PVC and galvanised steel conduits equipped with draw wire, included bending, threading, jointing, draw boxes, couplings, bends, tees, saddles etc. as specified.				
2.1.1	Built in brick or concrete				
a	20mm PVC Conduit - Supply	m	10		-
b	20mm PVC Conduit - Install	m	10		-
c	25mm PVC Conduit - Supply	m	10		-
d	25mm PVC Conduit - Install	m	10		-
2.1.2	Surface mounted to any surface or in ceiling void				
a	20mm PVC Conduit - Supply	m	80		-
b	20mm PVC Conduit - Install	m	80		-
c	25mm PVC Conduit - Supply	m	80		-
d	25mm PVC Conduit - Install	m	80		-
2.2	CONDUIT BOXES				
2.2.1	Surface or flush mounted conduit boxes including fixing to conduit with necessary locknuts, adaptors, bushes, cover plates etc. as specified.				
a	100mm x 50mm x 50mm Galv Wall Box - Supply	No	1		-
b	100mm x 50mm x 50mm Galv Wall Box - Install	No	1		-
c	60mm dia Galv Round Draw Box - Supply	No	15		-
d	60mm dia Galv Round Draw Box - Install	No	15		-
2.3	WIREWAYS				
2.3.1	Wiring ducts and unistruts complete with splices, end caps, elbows, tees, crossovers, covers, hanger brackets, bolts, nuts, washers, screws, threaded rods, etc. as specified.				
a	P2000 Galv Trunking - Supply	m	35		-
b	P2000 Galv Trunking - Install	m	35		-
c	P8000 Galv Trunking - Supply	m	0		-
d	P8000 Galv Trunking - Install	m	0		-
	PAGE TOTAL - CARRIED TO NEXT PAGE				R -

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Item	Description	Unit	Qty	Rate	Amount
2.4	TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE CONDUCTORS FOR LIGHTING				R -
2.4.1	600/1000V PVC insulated conductors, SABS approved, drawn into conduits, trunking or powerskirting including identification labels, terminating, etc.as indicated on the single line diagram.				
a	Lighting - 2.5mm ² Conductors - Supply	m	200		-
b	Lighting - 2.5mm ² Conductors - Install	m	200		-
2.4.2	Bare copper earth conductors drawn into conduits, trunking or powerskirting including identification labels, terminating etc. as indicated on the single line diagram.				
a	Lighting - 2.5mm ² BCEW - Supply	m	100		-
b	Lighting - 2.5mm ² BCEW - Install	m	100		-
2.5	LIGHT SWITCHES				
2.5.1	Light switch and accessories as specified in the specification. Allowance should be made for 16 Ampere 250V light switch c/w cover plates, screws etc. installed in flush wall boxes.				
a	1 Lever 1 Way rotary type, IP65 - Supply	No	1		-
b	1 Lever 1 Way rotary type, IP65 - Install	No	1		-
c	Photo cell - Supply	No	1		-
d	Photo cell - Supply	No	1		-
2.6	LUMINAIRES				
	SABS approved luminaires and accessories as specified in the schedules of luminaires. Allowance should be made for the following luminaires including fixing to any surface, connections, etc. as specified and as indicated on the drawings.				
2.6.1	Type F5 (Surface fluorescent luminaire similar to Voltex lighting T-BAY/COVER with clear perspex cover and 4 x 58W lamps) or similar approved				
a	Supply	No	5		-
b	Install	No	5		-
2.6.2	Type B4 (Beka Projectolux 250W HPS complete with lamp, control gear and stirrup or similar approved)				
a	Supply type B4 including materials for securing the luminaire to the I-beam at 4800AFL	No	4		-
b	Install type B4 luminaire including drilling 12mmø holes through the flange of the H-column for securing the luminaire	No	4		-
TOTAL FOR BILL NO 2 CARRY FORWARD TO SUMMARY					R -

Warehouse for SARS Musina

Loading bay

PRICE SCHEDULE : BILL No 3

Low Voltage Reticulation

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Item	Description		Qty	Rate	Amount
3.1	DISTRIBUTION BOARDS				
3.1.1	NEW FEEDER CIRCUIT BREAKERS IN EXISTING				-
	Supply and installation of new feeder circuit breakers in existing distribution boards, complete with frames, busbars, wiring, connections, mounting in board, fixing materials, bolts, nuts and washers, labels including testing and commissioning. Circuit breakers to be of the same manufacturer as the existing circuit breakers in the distribution board. Fault level of circuit breaker shall be rated to withstand the fault level of the distribution board. Busbar droppers shall be rated to withstand the fault level of the distribution board and the current rating of the circuit breakers.				
a	5A single pole iC60a	No	2		-
	Supply	No	2		-
	Install				
b	10A single pole iC60a	No	4		-
	Supply	No	4		-
	Install				
c	1.2kW AC1 contactor	No	2		-
	Supply	No	2		-
	Install				
TOTAL FOR BILL NO 3					R -
CARRY FORWARD TO SUMMARY					

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PRICE SCHEDULE : SUMMARY FOR THE ELECTRICAL INSTALLATION

Do not add VAT. Add VAT in the final summary.

Item	Description	Amount	Total
1	Bill No 1 : Preliminaries & general	R	
2	Bill No 2 : Lighting and small power	R	
3	Bill No 3 : Low voltage reticulation	R	
4	Sub-total	R	
5	Add 10% Contingency	R	
*TOTAL FOR ELECTRICAL INSTALLATION CARRIED TO FINAL SUMMARY (EXCL VAT)		R	