



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

Item No		Unit Rate	Rate	Rate
	<u>BILL No 1</u>			
	<u>GENERAL REPAIRS</u>			
	<u>EARTHWORKS</u>			
	<u>ORDINARY EXCAVATION, FILLING, ETC.</u>			
	<u>Excavation in earth not exceeding 1m deep for :</u>			
1	Trenches and holes m3	202.05		Not Priced
	<u>Excavation in earth exceeding 1m deep for :</u>			
2	Trenches and holes m3	219.13		Not Priced
	<u>Extra over trench and hole excavations in earth for excavation in :</u>			
3	Soft rock (the use of jack hammers is necessary) m3	559.18		Not Priced
4	Hard rock (blasting is necessary) m3	931.46		Not Priced
	<u>Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density in layers not exceeding 150mm thick :</u>			
5	Backfilling to trenches, holes, etc. m3	106.41		Not Priced
	<u>CONCRETE BASES, ETC.</u>			
	<u>Concrete class 20MPa/19mm in :</u>			
6	Base size 1 000mm x 1 000mm x 500mm deep to support pole not exceeding 3 metres high including all necessary excavation, casing, etc. No	1,043.30		Not Priced
7	Base size 1 000mm x 1 000mm x 500mm deep to support pole not exceeding 6 metres high including all necessary excavation, casing, etc. No	1,133.03		Not Priced
			N\$	Not Priced
	Bill No. 1 GENERAL REPAIRS Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
8	Base size 1 000mm x 1 000mm x 500mm deep to support pole not exceeding 9 metres high including all necessary excavation, casing, etc.	No	1,243.29	Not Priced
	<u>Cutting through surface beds, etc. :</u>			
9	Cut through 100mm concrete surface bed 500mm wide and later make good filling, apply soil insecticide and make good damp proof membrane and concrete surface bed	m	351.07	Not Priced
	<u>REPAIRS TO EXISTING PLASTERED SURFACES</u>			
	<u>One coat external cement plaster wood floated smooth :</u>			
10	Hack off external plaster not exceeding 100mm wide and replaster and repaint to match existing	m	73.75	Not Priced
	<u>One coat internal compo plaster steel trowelled smooth :</u>			
11	Hack off internal plaster not exceeding 100mm wide and replaster and repaint to match existing	m	82.34	Not Priced
	<u>REPAIRS TO FLOOR COVERINGS</u>			
12	Replace tiles in repairs in isolated areas with new 300mm x 300mm x 2.5mm semi-flexible vinyl tiles fixed with adhesive including preparation	m2	485.12	Not Priced
13	Replace tiles in repairs in isolated areas with new 300mm x 300mm x 2mm fully flexible vinyl tiles fixed with adhesive including preparation	m2	505.97	Not Priced
14	Replace sheeting in repairs in isolated areas with new 2mm fully flexible vinyl sheeting with welded joints fixed with adhesive including preparation	m2	562.76	Not Priced
15	Replace sheeting in repairs in isolated areas with new 3.5mm heavy duty embossed fully flexible vinyl sheeting with welded joints fixed with adhesive including preparation	m2	604.05	Not Priced
			N\$	Not Priced
	Bill No. 1 GENERAL REPAIRS			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
16	Replace tiles in repairs in isolated areas with new 608mm x 608mm x 2mm electrostatic conductive vinyl tiles fixed with adhesive including preparation	m2	667.07	Not Priced
17	Replace sheeting in repairs in isolated areas with new 2.5mm "Marmoleum" fully flexible linoleum floor sheeting with welded joints fixed with adhesive including preparation	m2	643.06	Not Priced
18	Replace tiles in repairs in isolated areas with new 500mm x 500mm x 8mm "Florpoint" heavy duty carpet tiles fixed with adhesive including preparation	m2	629.49	Not Priced
19	Replace carpeting in repairs in isolated areas with new needle punched plain resin backed heavy residential grade broadloom carpeting to match existing fixed with adhesive including preparation	m2	627.22	Not Priced
Bill No. 1 GENERAL REPAIRS			N\$	Not Priced
Initial here.....				



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u> N\$	<u>Rate</u> Not Priced
	<u>SUNDRY REPAIRS</u>			
	<u>Interlocking paving, slasto or precast slab pavings :</u>			
20	Lift up interlocking paving stones, slasto or precast paving slabs, set aside for re-use, scarify and compact existing surface under, provide and lay additional base course and clean sand bedding as necessary and re-lay paving stones, slasto or paving slabs	m2	314.07	Not Priced
	<u>CHASING IN BRICK WALLS, (PIERS, ETC., ELSEWHERE MEASURED)</u>			
	<u>Chasing in of galvanised/PVC pipes, channels, trunking, etc., in a straight line :</u>			
21	21mm - 25mm PVC pipes	m	40.99	Not Priced
22	32mm - 50mm PVC pipes	m	105.00	Not Priced
23	O.L. 1 000 Galvanised trunking	m	153.05	Not Priced
24	O.L. 2 000 Galvanised trunking	m	127.41	Not Priced
25	O.L. 4 000 Galvanised trunking	m	127.88	Not Priced
26	O.L. 8 000 Galvanised trunking	m	168.35	Not Priced
27	O.L. 9 000 Galvanised trunking	m	190.29	Not Priced
28	16mm x 16mm PVC trunking	m	49.14	Not Priced
29	25mm x 16mm PVC trunking	m	56.58	Not Priced
30	40mm x 16mm PVC trunking	m	61.46	Not Priced
31	40mm x 25mm PVC trunking	m	66.40	Not Priced
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	Bill No. 1 GENERAL REPAIRS			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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			N\$	Not Priced
32	40mm x 40mm PVC trunking	m	96.46	Not Priced
	<u>MAKING GOOD OF FINISHES</u>			
33	Cement plaster and painting in chasing of flush installation	m	65.21	Not Priced
34	Painting of pipes	m	43.10	Not Priced
35	Cables not exceeding 50mm ²	m	48.02	Not Priced
	<u>TAKING UP AND REMOVING</u>			
36	Trunking, channels and pipes	m	62.96	Not Priced
	<u>TAKING DOWN, STORING AND SETTING ASIDE FOR RE-USE LATER AND INSTALL OR RE-FIX</u>			
37	Cables not exceeding 50mm ²	m	55.59	Not Priced
38	PVC/galvanised trunking	m	46.80	Not Priced
39	PVC/galvanised pipes	m	45.72	Not Priced
40	Channels	m	45.72	Not Priced
41	Removal of old wiring circuit fall out	m	50.65	Not Priced
42	Removal of old light fittings	m	100.43	Not Priced
	<u>SCAFFOLDING</u>			
	The contractor must provide all necessary scaffolding for any and all work required to single storey buildings and to use the insides of building irrespective of the height of the building as no additional payment will be made in this regard			
	Scaffolding will only be measured and paid for work to the external face of the building where the building is higher than one storey and to the actual height of the scaffolding erected			
			N\$	Not Priced
	Bill No. 1 GENERAL REPAIRS			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
	The contractor must ensure the stability of the scaffolding at all times and must provide adequate safety rails, barriers and walkways for the workmen using the scaffolding. No materials may be stored on scaffolding			
	The height of the scaffolding stated includes the ground floor level			
43	Scaffolding to the external face of double storey buildings	m	1,659.26	Not Priced
44	Scaffolding to the external face of three storey buildings	m	3,154.57	Not Priced
45	Scaffolding to the external face of four storey buildings	m	5,007.46	Not Priced
46	Scaffolding to the external face of five storey buildings	m	6,864.99	Not Priced
47	Scaffolding to the external face of six storey buildings	m	8,103.02	Not Priced
48	Scaffolding to the external face of seven storey buildings	m	9,377.42	Not Priced
49	Scaffolding to the external face of eight storey buildings	m	11,051.29	Not Priced
50	Scaffolding to the external face of nine storey buildings	m	12,367.29	Not Priced
51	Scaffolding to the external face of ten storey buildings	m	14,027.57	Not Priced
			N\$	Not Priced
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	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

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	<u>BILL No 2</u>			
	<u>LOW TENSION DISTRIBUTION</u>			
	<u>BLACK ENAMELLED CONDUIT</u>			
	<u>Cast in concrete, surface bed or screed :</u>			
52	20mm Diameter m	82.54		Not Priced
53	25mm Diameter m	92.29		Not Priced
54	32mm Diameter m	109.86		Not Priced
	<u>Chased and/or fixed in brickwork not exceeding 3000mm above floor level (making good of chase by others) :</u>			
55	20mm Diameter m	85.55		Not Priced
56	25mm Diameter m	96.98		Not Priced
57	32mm Diameter m	127.21		Not Priced
	<u>Fixed in dry wall partitioning not exceeding 3000mm above floor level :</u>			
58	20mm Diameter m	80.03		Not Priced
59	25mm Diameter m	92.07		Not Priced
60	32mm Diameter m	118.52		Not Priced
	<u>Surface mounted to brickwork, concrete, steel, wood, roof members, etc., not exceeding 3000 mm above floor level :</u>			
61	20mm Diameter m	80.33		Not Priced
62	25mm Diameter m	92.63		Not Priced
63	2 Compartment power skirting m	997.13		Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
64	32mm Diameter <u>Suspended from steel trusses or concrete slab with and including hangers not exceeding 1000mm long and not exceeding 3000mm above floor level :</u>	m	122.24	Not Priced
65	20mm Diameter	m	95.24	Not Priced
66	25mm Diameter	m	111.68	Not Priced
67	32mm Diameter <u>Surface mounted to brickwork, concrete, steel, wood, roof members, etc exceeding 3000mm above floor level :</u>	m	141.99	Not Priced
68	20mm Diameter	m	82.17	Not Priced
69	25mm Diameter	m	91.56	Not Priced
70	32mm Diameter	m	123.16	Not Priced
	<u>GALVANISED CONDUIT</u> <u>Cast in concrete, surface bed or screed :</u>			
71	20mm Diameter	m	98.45	Not Priced
72	25mm Diameter	m	117.49	Not Priced
73	32mm Diameter	m	152.48	Not Priced
	<u>Laid in ground (excavations measured elsewhere) :</u>			
74	20mm Diameter	m	92.90	Not Priced
75	25mm Diameter	m	110.84	Not Priced
76	32mm Diameter	m	148.81	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Laid in ground and encased in 75mm x 75mm concrete (excavations measured elsewhere) :</u>			
77	20mm Diameter	m	102.88	Not Priced
78	25mm Diameter	m	121.98	Not Priced
79	32mm Diameter	m	155.48	Not Priced
	<u>Chased and/or fixed in brickwork not exceeding 3000mm above floor level (making good of chase by others) :</u>			
80	20mm Diameter	m	100.57	Not Priced
81	25mm Diameter	m	119.90	Not Priced
82	32mm Diameter	m	158.78	Not Priced
	<u>Fixed in dry wall partitioning not exceeding 3000mm above floor level :</u>			
83	20mm Diameter	m	96.92	Not Priced
84	25mm Diameter	m	115.93	Not Priced
85	32mm Diameter	m	151.80	Not Priced
	<u>Surface mounted to brickwork, concrete, steel, wood, roof members, etc not exceeding 3000mm above floor level :</u>			
86	20mm Diameter	m	101.65	Not Priced
87	25mm Diameter	m	120.91	Not Priced
88	32mm Diameter	m	154.05	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
	<u>Suspended from steel trusses or concrete slab with and including hangers not exceeding 1000mm long and not exceeding 3000mm above floor level :</u>			
89	20mm Diameter	m	116.79	Not Priced
90	25mm Diameter	m	139.83	Not Priced
91	32mm Diameter	m	169.39	Not Priced
	<u>Surface mounted to brickwork, concrete, steel, wood, roof members, etc not exceeding 3000mm above floor level :</u>			
92	20mm Diameter	m	97.42	Not Priced
93	25mm Diameter	m	118.61	Not Priced
94	32mm Diameter	m	153.71	Not Priced
	<u>RIGID PVC CONDUIT</u>			
	<u>Cast in concrete, surface bed or screed :</u>			
95	20mm Diameter	m	44.21	Not Priced
96	25mm Diameter	m	48.41	Not Priced
97	32mm Diameter	m	72.28	Not Priced
	<u>Laid in ground (excavations measured elsewhere) :</u>			
98	20mm Diameter	m	45.62	Not Priced
99	25mm Diameter	m	54.76	Not Priced
100	32mm Diameter	m	70.37	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

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			N\$	Not Priced
	<u>Chased and/or fixed in brickwork not exceeding 3000mm above floor level (making good of chase by others) :</u>			
101	20mm Diameter	m	48.79	Not Priced
102	25mm Diameter	m	56.76	Not Priced
103	32mm Diameter	m	72.18	Not Priced
	<u>Fixed in dry wall partitioning not exceeding 3000mm above floor level :</u>			
104	20mm Diameter	m	46.05	Not Priced
105	25mm Diameter	m	53.69	Not Priced
106	32mm Diameter	m	69.04	Not Priced
	<u>Surface mounted to brickwork, concrete, steel, wood, etc., not exceeding 3000mm above floor level :</u>			
107	20mm Diameter	m	50.22	Not Priced
108	25mm Diameter	m	58.77	Not Priced
109	32mm Diameter	m	74.63	Not Priced
	<u>Surface mounted to brickwork, concrete, steel, wood, roof members, etc., not exceeding 3000mm above floor level :</u>			
110	20mm Diameter	m	57.71	Not Priced
111	25mm Diameter	m	70.19	Not Priced
112	32mm Diameter	m	87.00	Not Priced
	<u>FLEXIBLE CONDUIT</u>			
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	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
	<u>Light gauge PVC flexible conduit :</u>			
113	20mm Diameter x 300mm long complete with connectors at both ends	No	46.97	Not Priced
114	20mm Diameters x 1000mm long complete with connectors at both ends	No	78.90	Not Priced
115	25mm Diameter x 300mm long complete with connectors at both ends	No	51.55	Not Priced
116	25mm Diameter x 1000mm long complete with connectors at both ends	No	91.61	Not Priced
	<u>Galvanised steel flexible conduit with PVC sheath :</u>			
117	20mm Diameter x 300mm long complete with connectors at both ends	No	116.30	Not Priced
118	20mm Diameter x 1000mm long complete with connectors at both ends	No	214.60	Not Priced
119	25mm Diameter x 300mm long complete with connectors at both ends	No	185.29	Not Priced
120	25mm Diameter x 1000mm long complete with connectors at both ends	No	254.25	Not Priced
121	32mm Diameter x 300mm long complete with connectors at both ends	No	162.46	Not Priced
122	32mm Diameter x 1000mm long complete with connectors at both ends	No	264.07	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



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Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
	<u>SLEEVES</u>			
	<u>Unplasticised polyvinyl chloride (UPVC) sleeve piping including short lengths and jointing, cast in concrete</u>			
123	25mm Diameter	m	63.93	Not Priced
124	50mm Diameter	m	97.96	Not Priced
125	110mm Diameter	m	150.18	Not Priced
	<u>Unplasticised polyvinyl chloride (UPVC) sleeve piping including short lengths and jointing, laid in trench (trench backfilling measured elsewhere)</u>			
126	25mm Diameter	m	69.04	Not Priced
127	50mm Diameter	m	105.13	Not Priced
128	110mm Diameter	m	160.59	Not Priced
	<u>Extra on UPVC piping for:</u>			
129	25mm Diameter long radius bend	No	85.57	Not Priced
130	50mm Diameter long radius bend	No	120.11	Not Priced
131	110mm Diameter long radius bend	No	193.25	Not Priced
	<u>EXCAVATIONS, ETC.</u>			
	<u>Excavate in earth and set excavated material aside for re-use as filling for:</u>			
132	Cable or sleeve trenches not exceeding 1m deep	m3	241.96	Not Priced
133	Extra over excavations in 'earth' for cable or sleeve trenches in 'soft rock'	m3	344.10	Not Priced
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	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

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			N\$	Not Priced
134	Extra over excavations in 'earth' for cable or sleeve trenches in 'hard rock'	m3	718.60	Not Priced
135	Selected and approved material from the excavations, in backfilling in trenches, to specified density	m3	488.49	Not Priced
136	Surplus material from the excavations spread and levelled over the site as directed	m3	480.81	Not Priced
	<u>SUNDRIES</u>			
137	Cable warning tape placed 150mm above cables in excavations	m	259.65	Not Priced
138	Concrete cable slabs placed 150mm above cables in excavations	m	665.22	Not Priced
139	5mm x 300mm PVC interlocking protection sheet complete with warning signs	m	318.79	Not Priced
140	Cable route markers	No	475.45	Not Priced
	<u>CHANNELS AND TRUNKING</u>			
	<u>Galvanised channeling :</u>			
141	O-L1000	m	307.98	Not Priced
142	Power skirting	m	786.77	Not Priced
143	UPS Plugs for power skirting	No	486.08	Not Priced
144	Power plugs for power skirting	No	441.26	Not Priced
145	O-L2000	m	280.90	Not Priced
146	O-L4000	m	287.00	Not Priced
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	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



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Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
147	O-L8000	m	327.87	Not Priced
148	O-L8300	m	348.45	Not Priced
149	O-L9000	m	399.33	Not Priced
	<u>PVC trunking "EGA" trunking :</u>			
150	16 x 16mm	m	39.05	Not Priced
151	25 x 16mm	m	48.46	Not Priced
152	40 x 16mm	m	67.20	Not Priced
153	40 x 25mm	m	77.26	Not Priced
154	40 x 40mm	m	87.66	Not Priced
	<u>WIRING AND CABLES</u>			
	<u>PVC wires :</u>			
155	1.5mm ²	m	9.71	Not Priced
156	2.5mm ²	m	12.90	Not Priced
157	4mm ²	m	16.59	Not Priced
158	6mm ²	m	24.90	Not Priced
159	10mm ²	m	35.18	Not Priced
160	16mm ²	m	151.33	Not Priced
	<u>Bare copper wires :</u>			
161	1.5mm ²	m	9.95	Not Priced
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	Bill No. 2			
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	Initial here.....			



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//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
162	2.5mm ²	m	12.13	Not Priced
163	4mm ²	m	16.34	Not Priced
164	6mm ²	m	20.42	Not Priced
165	10mm ²	m	26.68	Not Priced
166	16mm ²	m	43.39	Not Priced
167	25mm ²	m	67.47	Not Priced
	<u>Silicone insulated wires asbestos :</u>			
168	2.5mm ²	m	24.69	Not Priced
169	4mm ²	m	33.18	Not Priced
170	6mm ²	m	45.25	Not Priced
	<u>Underground cable PVC SWA PVC installed :</u>			
171	2 Core 2.5mm ²	m	55.72	Not Priced
172	3 Core 2.5mm ²	m	63.77	Not Priced
173	4 Core 2.5mm ²	m	70.92	Not Priced
174	3 Core 4mm ²	m	74.13	Not Priced
175	4 Core 4mm ²	m	89.35	Not Priced
176	2 Core 6mm ²	m	80.34	Not Priced
177	3 Core 6mm ²	m	97.98	Not Priced
178	4 Core 6mm ²	m	111.32	Not Priced
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	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



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Maintenance, Renovations, Repairs and Minor New Works
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//Karas Region

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			N\$	Not Priced
179	2 Core 10mm ²	m	107.95	Not Priced
180	3 Core 10mm ²	m	122.81	Not Priced
181	4 Core 10mm ²	m	149.64	Not Priced
182	2 Core 16mm ²	m	143.33	Not Priced
183	3 Core 16mm ²	m	165.46	Not Priced
184	4 Core 16mm ²	m	211.07	Not Priced
185	2 Core 25mm ²	m	216.68	Not Priced
186	3 Core 25mm ²	m	288.80	Not Priced
187	4 Core 25mm ²	m	319.70	Not Priced
188	4 Core 35mm ²	m	414.43	Not Priced
189	4 Core 50mm ²	m	525.36	Not Priced
190	4 Core 70mm ²	m	759.23	Not Priced
191	4 Core 95mm ²	m	1,009.19	Not Priced
192	4 Core 120mm ²	m	1,185.41	Not Priced
	<u>Surfix cables installed:</u>			
193	1.5mm ² Surfix cable 2 core + Earth	m	34.83	Not Priced
194	1.5mm ² Surfix cable 3 core + Earth	m	42.94	Not Priced
195	2.5mm ² Surfix cable 2 core + Earth	m	45.07	Not Priced
196	2.5mm ² Surfix cable 3 core + Earth	m	52.30	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
197	2.5mm ² Surfex cable 4 core + Earth	m	61.72	Not Priced
198	4mm ² Surfex cable 2 core + Earth	m	64.77	Not Priced
199	4mm ² Surfex cable 3 core + Earth	m	77.35	Not Priced
200	4mm ² Surfex cable 4 core + Earth	m	86.81	Not Priced
	<u>CABLE TERMINATIONS OF THE FOLLOWING CABLES</u>			
201	2 Core 2.5mm ²	No	116.51	Not Priced
202	3 Core 2.5mm ²	No	118.26	Not Priced
203	2 Core 4mm ²	No	130.44	Not Priced
204	3 Core 4mm ²	No	144.46	Not Priced
205	4 Core 4mm ²	No	152.19	Not Priced
206	2 Core 6mm ²	No	151.14	Not Priced
207	3 Core 6mm ²	No	147.28	Not Priced
208	4 Core 6mm ²	No	155.36	Not Priced
209	2 Core 10mm ²	No	159.46	Not Priced
210	10mm ² Wire termination	No	78.44	Not Priced
211	3 Core 10mm ²	No	174.27	Not Priced
212	4 Core 10mm ²	No	179.43	Not Priced
213	2 Core 16mm ²	No	182.35	Not Priced
214	16mm ² Wire termination	No	109.04	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
215	3 Core 16mm ²	No	215.32	Not Priced
216	4 Core 16mm ²	No	250.09	Not Priced
217	2 Core 25mm ²	No	255.20	Not Priced
218	3 Core 25mm ²	No	262.50	Not Priced
219	4 Core 25mm ²	No	298.51	Not Priced
220	4 Core 35mm ²	No	415.17	Not Priced
221	4 Core 50mm ²	No	577.10	Not Priced
222	4 Core 70mm ²	No	683.75	Not Priced
223	4 Core 95mm ²	No	664.31	Not Priced
224	Welding cable termination	No	390.53	Not Priced
225	4 Core 120mm ²	No	788.18	Not Priced
	<u>PVC Cable terminations:</u>			
226	No 0 glands	No	105.00	Not Priced
227	No 1 glands	No	53.68	Not Priced
228	No 2 glands	No	64.04	Not Priced
	<u>Metal Cable terminations:</u>			
229	No 0 glands	No	103.88	Not Priced
230	No 1 glands	No	136.98	Not Priced
231	No 2 glands	No	217.56	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
232	No 3 glands	No	315.55	Not Priced
233	No 4 glands	No	479.38	Not Priced
234	No 5 glands	No	694.81	Not Priced
235	No 6 glands	No	874.89	Not Priced
236	No 7 glands	No	1,112.51	Not Priced
	<u>Cable joints PVC "Pratley" or "Scotch" to the following :</u>			
237	2 Core 2.5mm ²	No	302.17	Not Priced
238	3 Core 2.5mm ²	No	302.71	Not Priced
239	2 Core 4mm ²	No	320.44	Not Priced
240	3 Core 4mm ²	No	383.34	Not Priced
241	4 Core 4mm ²	No	393.07	Not Priced
242	2 Core 6mm ²	No	457.56	Not Priced
243	3 Core 6mm ²	No	461.34	Not Priced
244	4 Core 6mm ²	No	481.03	Not Priced
245	2 Core 10mm ²	No	496.94	Not Priced
246	3 Core 10mm ²	No	531.53	Not Priced
247	4 Core 10mm ²	No	551.69	Not Priced
248	2 Core 16mm ²	No	581.62	Not Priced
249	3 Core 16mm ²	No	591.24	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
250	4 Core 16mm ²	No	655.86	Not Priced
251	2 Core 25mm ²	No	811.89	Not Priced
252	3 Core 25mm ²	No	888.68	Not Priced
253	4 Core 25mm ²	No	1,078.94	Not Priced
254	4 Core 35mm ²	No	1,275.12	Not Priced
255	4 Core 50mm ²	No	1,586.33	Not Priced
256	4 Core 95mm ²	No	2,478.23	Not Priced
257	4 Core 70mm ²	No	2,071.68	Not Priced
258	4 Core 95mm ²	No	2,748.03	Not Priced
259	4 Core 120mm ²	No	4,299.23	Not Priced
	<u>"Pratley" aluminium alloy, epoxy coated cable boxes</u> <u>excluding accessories but including installation :</u>			
	<u>Right angle box No. 2 three way :</u>			
260	With circuit breaker	No	1,197.16	Not Priced
261	Without circuit breaker	No	957.66	Not Priced
	<u>Parallel entry box No. 2 three way :</u>			
262	With circuit breaker	No	1,123.28	Not Priced
263	Without circuit breaker	No	956.11	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>SWITCHES</u>			
	<u>16Amp switches :</u>			
264	Single lever industrial type surface mounted	No	195.22	Not Priced
265	Two lever industrial type surface mounted	No	269.10	Not Priced
266	Three lever industrial type surface mounted	No	706.67	Not Priced
267	Rotary water tight industrial type surface mounted	No	387.04	Not Priced
268	1 Lever 1 way flush with cover plate	No	129.88	Not Priced
269	1L Two way complete	No	161.19	Not Priced
270	Intermediate complete	No	365.27	Not Priced
271	2L Two way complete	No	219.87	Not Priced
272	3L Two way complete	No	262.28	Not Priced
273	1L One way switch without cover plate	No	145.15	Not Priced
274	1L Two way switch without cover plate	No	138.16	Not Priced
275	2L One way complete	No	169.66	Not Priced
276	3L One way complete	No	220.65	Not Priced
	<u>Pull switch 10Amp :</u>			
277	Complete with cord	No	241.51	Not Priced
278	Replacement of cord	No	69.51	Not Priced
279	"Eagle" type pull switch	No	226.27	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Daylight switches :</u>			
280	10 Amp dimmer switch	No	905.78	Not Priced
281	24 Hours timers with spring reserve	No	1,123.67	Not Priced
282	10 Amp including mounting bracket surface mounted as national or other equal or approved	No	881.93	Not Priced
283	10 Amp "window" mounted in boards or kiosks with adjustable sensitivity and separate rail mounted switching unit similar or equal to BBT	No	739.75	Not Priced
	<u>Cover only for one lever switch :</u>			
284	Metal ivory	No	51.29	Not Priced
285	PVC	No	44.33	Not Priced
	<u>Cover only for two lever switch :</u>			
286	Metal ivory	No	51.49	Not Priced
287	PVC	No	44.33	Not Priced
	<u>Cover only for three lever switch :</u>			
288	Metal ivory	No	50.62	Not Priced
289	PVC	No	44.15	Not Priced
	<u>Bell items :</u>			
290	10A Single lever bell switch	No	168.81	Not Priced
291	22V/12V Standard bell transformer rail mounted	No	739.15	Not Priced
292	110mm Diameter, 220V bell unit	No	913.21	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Bell transformers :</u>			
293	Transformer 220-12-24V	No	610.55	Not Priced
294	80mm Diameter, 24V bell units	No	770.41	Not Priced
	<u>Sirens :</u>			
295	220V 500m	No	1,377.47	Not Priced
296	220V 1000m	No	1,711.01	Not Priced
	<u>Socket outlet :</u>			
297	Surface type industrial metal switched socket outlet	No	268.48	Not Priced
298	Water tight switched socket outlet (surface mounted)	No	394.90	Not Priced
299	Water tight surface socket outlet PVC	No	412.45	Not Priced
	<u>Flush mounted :</u>			
300	Single outlet 100 x 50mm complete with cover	No	186.82	Not Priced
301	Double outlet 100 x 50mm complete with cover	No	205.01	Not Priced
302	Single outlet 100 x 100mm complete with cover	No	205.91	Not Priced
303	Double outlet 100 x 100mm complete with cover	No	237.60	Not Priced
	<u>Cover only to single outlet 100mm x 50mm :</u>			
304	UPS skirting plug	No	67.74	Not Priced
305	Standard power skirting plug	No	67.74	Not Priced
306	Metal ivory	No	59.79	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
307	PVC	No	56.69	Not Priced
	<u>Cover only to single outlet 100mm x 100mm :</u>			
308	Metal ivory	No	63.28	Not Priced
309	PVC	No	56.64	Not Priced
	<u>Cover only to double outlet 100mm x 100mm :</u>			
310	Metal ivory	No	66.87	Not Priced
311	PVC	No	61.79	Not Priced
	<u>Replace or install the following extension boxes :</u>			
312	100 x 50mm	No	78.51	Not Priced
313	100 x 100mm	No	94.41	Not Priced
	<u>Galvanised wall boxes for switches or socket outlets :</u>			
314	100 x 50mm	No	76.96	Not Priced
315	100 x 100mm	No	85.24	Not Priced
	<u>In concrete :</u>			
316	100 x 50mm	No	79.82	Not Priced
317	100 x 100mm	No	92.87	Not Priced
	<u>PVC surface "EGA" boxes :</u>			
318	100 x 50mm	No	78.86	Not Priced
319	100 x 50mm Blank cover only	No	69.90	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
320	100 x 100mm	No	95.77	Not Priced
321	100 x 100mm Blank cover only	No	73.18	Not Priced
	<u>Draw boxes miscellaneous junctions :</u>			
322	60mm Diameter PVC	No	67.07	Not Priced
323	60mm Diameter metal	No	100.79	Not Priced
	<u>ISOLATORS UP TO 63 AMP</u>			
	<u>Double pole isolators only :</u>			
324	Double pole isolator, rail mounted	No	565.49	Not Priced
325	As above, but surface mounted including enclosure	No	821.98	Not Priced
326	Triple pole isolator, rail mounted	No	824.29	Not Priced
327	As above, but surface mounted including enclosure	No	1,041.30	Not Priced
	<u>INDUSTRIAL POWER PLUGS</u>			
	<u>Single Phase:</u>			
328	16Amp 110Volt	No	414.91	Not Priced
329	16Amp, 230Volt	No	483.60	Not Priced
330	32Amp 230Volt	No	668.24	Not Priced
331	125Amp, 230Volt	No	2,022.49	Not Priced
	<u>Three Phase:</u>			
332	16Amp 380Volt	No	492.12	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
333	16Amp, 415Volt	No	563.99	Not Priced
334	32Amp 380Volt	No	654.24	Not Priced
335	32Amp, 415Volt	No	1,137.79	Not Priced
336	63Amp 380Volt	No	1,461.60	Not Priced
337	63Amp, 415Volt	No	2,357.99	Not Priced
338	125Amp, 380Volt	No	3,673.75	Not Priced
339	125Amp, 415Volt	No	3,969.10	Not Priced
	<u>MINIATURE CIRCUIT BREAKER 2.5Ka "HEINEMAN"</u>			
	<u>Single pole :</u>			
340	1-10 Amp	No	282.70	Not Priced
341	15-25 Amp	No	292.36	Not Priced
342	30-40 Amp	No	298.30	Not Priced
343	45-60 Amp	No	309.62	Not Priced
	<u>Double pole :</u>			
344	1-10 Amp	No	873.34	Not Priced
345	15-25 Amp	No	970.78	Not Priced
346	30-40 Amp	No	987.23	Not Priced
347	45-60 Amp	No	1,020.99	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



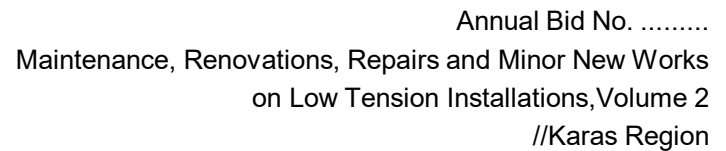
Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Triple pole :</u>			
348	1-10 Amp	No	1,205.96	Not Priced
349	15-25 Amp	No	1,335.13	Not Priced
350	30-40 Amp	No	1,366.90	Not Priced
351	45-60 Amp	No	1,355.65	Not Priced
	<u>MINIATURE CIRCUIT BREAKER 6Ka "HEINEMAN"</u>			
	<u>Single pole :</u>			
352	1-10 Amp	No	301.13	Not Priced
353	15-25 Amp	No	315.30	Not Priced
354	30-40 Amp	No	322.75	Not Priced
355	45-60 Amp	No	346.83	Not Priced
356	80-100 Amp	No	516.37	Not Priced
357	125-175 Amp	No	786.05	Not Priced
	<u>Double pole :</u>			
358	1-10 Amp	No	907.47	Not Priced
359	15-25 Amp	No	959.84	Not Priced
360	30-40 Amp	No	984.13	Not Priced
361	45-60 Amp	No	1,116.75	Not Priced
362	80-100 Amp	No	1,975.61	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Triple pole :</u>			
363	1-10 Amp	No	1,264.02	Not Priced
364	15-25 Amp	No	1,331.34	Not Priced
365	30-40 Amp	No	1,381.22	Not Priced
366	45-60 Amp	No	1,384.99	Not Priced
367	80-100 Amp	No	2,331.67	Not Priced
	<u>MINIATURE CIRCUIT BREAKER 6Ka "DIN"</u>			
	<u>Single pole :</u>			
368	1-3 Amp	No	494.60	Not Priced
369	5-25 Amp	No	530.41	Not Priced
370	32-45 Amp	No	553.28	Not Priced
371	50-63 Amp	No	642.76	Not Priced
372	80 Amp	No	1,028.34	Not Priced
	<u>Double pole :</u>			
373	1-3 Amp	No	943.22	Not Priced
374	5-25 Amp	No	1,108.26	Not Priced
375	32-45 Amp	No	1,161.90	Not Priced
376	50-63 Amp	No	1,298.44	Not Priced
377	80 Amp	No	1,749.79	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



-30-



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>MINIATURE EARTH LEAKAGE UNIT WITH OVERLOAD PROTECTION 6Ka "HEINEMAN"</u>			
	<u>Single pole :</u>			
392	15-30 Amp	No	3,159.75	Not Priced
393	40-60 Amp	No	3,233.56	Not Priced
394	80-100 Amp	No	4,050.72	Not Priced
	<u>Triple pole :</u>			
395	15-30 Amp	No	5,125.37	Not Priced
396	40-60 Amp	No	5,310.33	Not Priced
397	80-100 Amp	No	7,411.35	Not Priced
	<u>MINIATURE EARTH LEAKAGE UNIT WITH OVERLOAD PROTECTION 6Ka "DIN"</u>			
	<u>Single pole :</u>			
398	5-25 Amp	No	1,345.71	Not Priced
399	32-45 Amp	No	1,488.59	Not Priced
400	50-63 Amp	No	1,758.11	Not Priced
	<u>Triple pole :</u>			
401	5-25 Amp	No	2,569.55	Not Priced
402	32-45 Amp	No	2,746.08	Not Priced
403	50-63 Amp	No	3,975.00	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>MINIATURE EARTH LEAKAGE UNIT WITHOUT OVERLOAD PROTECTION 5ka "HEINEMAN"</u>			
	<u>Single pole :</u>			
404	15-30 Amp	No	2,405.08	Not Priced
405	40-60 Amp	No	2,218.57	Not Priced
	<u>Triple pole :</u>			
406	15-30 Amp	No	4,802.29	Not Priced
407	40-60 Amp	No	5,460.78	Not Priced
	<u>MINIATURE EARTH LEAKAGE UNIT WITHOUT OVERLOAD PROTECTION 3Ka "DIN"</u>			
	<u>Single pole :</u>			
408	5-25 Amp	No	2,105.18	Not Priced
409	32-45 Amp	No	2,268.18	Not Priced
410	50-63 Amp	No	2,533.77	Not Priced
	<u>Single pole :</u>			
411	5-25 Amp	No	2,741.79	Not Priced
412	32-45 Amp	No	2,958.85	Not Priced
413	50-63 Amp	No	3,242.04	Not Priced
414	Miniature adaptor clips	No	710.89	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>CONTACTOR 220V SIMILAR TO "DIL CONTRACTORS KLOCKNER MOLLER"</u>			
415	3kW	No	989.91	Not Priced
416	5.5kW	No	1,130.49	Not Priced
417	11kW	No	1,560.46	Not Priced
418	15kW	No	1,951.90	Not Priced
	<u>CONTACTOR 380V SIMILAR TO "DIL CONTRACTORS KLOCKNER MOLLER"</u>			
419	11kW	No	1,906.75	Not Priced
420	15kW	No	2,276.61	Not Priced
421	22kW	No	3,149.11	Not Priced
422	30kW	No	4,004.49	Not Priced
	<u>ENERGY CONTROL UNITS "HEINEMANN"</u>			
423	SA-ECU 21A/15A	No	1,444.82	Not Priced
424	SA-ECU 21A/25A	No	1,615.60	Not Priced
	<u>SAFETY BLANKS INSTALLED FOR COVERING</u>			
425	Safety blank ("Samite")	No	35.88	Not Priced
426	Blanking plate per module ("DIN")	No	67.73	Not Priced
	<u>TIMERS 220V</u>			
427	24 Hours time, setting with 15 minutes intervals	No	1,560.03	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
428	72 Hours spring reserve, rail mounted	No	1,815.41	Not Priced
429	Surface enclosure and accessories for above only	No	851.94	Not Priced
	<u>METAL PENDANT FITTING</u>			
	<u>Aluminium rod pendant with fluted oval glass with open bottom entry minimum 900mm diameter, suitable for 60W lamps - similar or equal to "BEKA DR-1" :</u>			
430	1 Light pendant fitting complete	No	537.03	Not Priced
431	2 Light pendant fitting complete	No	679.72	Not Priced
432	3 Light pendant fitting complete	No	1,123.55	Not Priced
433	1 Light wall bracket	No	410.62	Not Priced
434	Fluted glass for replacement only	No	243.78	Not Priced
	<u>Oval open bottom polycarbonate fitting similar or equal to "LASCON V2/0" :</u>			
435	Porcelain gallery	No	139.85	Not Priced
	<u>Oval spherical bowl fitting gallery only scewneck 78mm diameter :</u>			
436	Ceiling porcelain	No	411.88	Not Priced
437	Angle porcelain	No	518.71	Not Priced
	<u>Oval spherical bowl fitting gallery only scewneck 100mm diameter :</u>			
438	Ceiling porcelain	No	152.93	Not Priced
439	Angle porcelain	No	191.40	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Oval spherical bowls only :</u>			
440	150mm Diameter glass	No	101.84	Not Priced
441	180mm Diameter glass	No	181.19	Not Priced
442	180mm Diameter polycarbonate	No	170.90	Not Priced
	<u>Round bulkhead fitting with white reflector and clear polycarbonate similar or equal to "UNILUX 7610" :</u>			
443	With lampholder - 100W ES fitting complete	No	793.48	Not Priced
444	With lampholder - 1PL9 fitting complete	No	1,293.07	Not Priced
445	With lampholder - 2PL9 fittings complete	No	1,277.56	Not Priced
	<u>Square bulkhead fitting with white reflector and clear polycarbonate similar or equal to "LASCON B20" :</u>			
446	With lampholder - 100W ES fitting complete	No	1,995.31	Not Priced
447	With lampholder - 1PL9 fitting complete	No	1,056.29	Not Priced
448	With lampholder - 2PL9 fittings complete	No	945.15	Not Priced
	<u>Wellglass fitting :</u>			
449	Complete as type "Waco" 100 watt with 20mm diameter screwed entry	No	195.42	Not Priced
	<u>Sundries :</u>			
450	Shave/mirror light with safety isolation transformer as "Legrand Type 60665" or other equal and approved	No	1,533.22	Not Priced
451	Angle bulkhead fittings as "Lascon B15"	No	587.76	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
452	Brass batten lampholder "BC"	No	80.54	Not Priced
453	Brass batten lampholder "BC", 100mm entry with shade ring	No	88.27	Not Priced
	<u>FLUORESCENT FITTINGS COMPLETE WITH TUBES COMMERCIAL TYPE SIMILAR OR EQUAL TO "ZUMTOBEL ZLN SYSTEM"</u>			
	<u>Fluorescent "GEA" tray complete with mounting bracket (cover) for surface installation switch start, but excluding diffusers, standard bi-pin lampholders instead of the ratchet type are not acceptable :</u>			
454	1 x 18W	No	574.52	Not Priced
455	2 x 18W	No	729.40	Not Priced
456	1 x 36W	No	619.11	Not Priced
457	2 x 36W	No	796.80	Not Priced
458	1 x 58W	No	745.19	Not Priced
459	2 x 58W	No	949.25	Not Priced
	<u>Brightness recessed fittings :</u>			
460	2 x 36W Low	No	2,009.62	Not Priced
461	4 x 36W Low	No	2,043.74	Not Priced
	<u>Fluorescent fittings with water tight polycarbonate diffuser "IP65" :</u>			
462	1 x 58W	No	1,360.28	Not Priced
463	2 x 58W	No	1,943.68	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



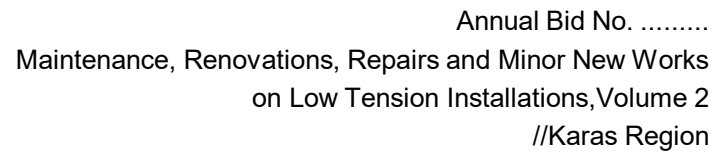
Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Surface mounted fluorescent fittings complete with tubes and prismatic diffuser similar or equal to "Lascon M6" :</u>			
464	1 x 36W	No	881.99	Not Priced
465	2 x 36W	No	1,033.67	Not Priced
466	1 x 58W	No	1,095.99	Not Priced
467	2 x 58W	No	1,220.57	Not Priced
	<u>Down lights complete</u>			
	<u>Same as above but suitable for installations in prisons. The fittings shall be equal or similar to :</u>			
468	"Unilux 7612-2PL9" with "Allen-Key" to fasten the diffusers	No	2,323.69	Not Priced
	<u>SECURITY FLOODLIGHTS</u>			
	<u>Complete with lamp but excluding mounting pole. Tungsten halogen or similar or equal to "Beka DL" or "Lascon L2" :</u>			
469	Halogen 300 - 500W	No	477.80	Not Priced
470	Halogen 100W	No	399.84	Not Priced
471	Halogen 150W	No	393.03	Not Priced
	<u>Discharge luminaries similar or equal to "Lascon L114ST" with asymmetrical reflector :</u>			
472	70/HP-E (Symmetrical reflector only)	No	2,291.00	Not Priced
473	-125W/MV-E (Symmetrical reflector only)	No	1,960.17	Not Priced
474	-250W/HP-T	No	3,501.49	Not Priced
475	-400W/HPD-T	No	4,389.53	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
476	Securi flood 2 x 250Watt HPS	No	10,759.00	Not Priced
477	Securi flood 2 x 400Watt HPS	No	10,707.32	Not Priced
	<u>STREET AND PARKING AREA LIGHTS</u>			
	<u>Complete with lamp including installation but excluding mounting pole, similar or equal to "Beakalux" or "Lascon SL1" :</u>			
478	-80W/MV-E	No	2,171.25	Not Priced
479	-125W/MV-E	No	2,260.53	Not Priced
480	-250W/MV-E	No	4,252.95	Not Priced
481	-400W/MV-E	No	6,941.64	Not Priced
482	-70W/HPS-E	No	2,676.84	Not Priced
483	-100W/HPS-E	No	3,218.85	Not Priced
484	-150W/HPS-E	No	3,680.16	Not Priced
485	-250W/HPS-E	No	5,002.75	Not Priced
486	-400W/HPS-E	No	7,708.61	Not Priced
	<u>Complete with lamp including installation but excluding mounting pole, similar or equal to "Beka Decor" or "Lascon SK3/SK4" :</u>			
487	-200W/ES	No	2,189.82	Not Priced
488	-160W/MB	No	2,359.50	Not Priced
489	-125W/MV-E	No	2,647.45	Not Priced
490	-70W/HPS-E	No	2,618.04	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



-39-



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>MOUNTING POLES WITHOUT CANTILEVER INCLUDING INSTALLATION BUT EXCLUDING POLE HOLE AND CONCRETE BASE (LPH = LIGHT POINT HEIGHT)</u>			
	<u>Galvanised poles :</u>			
493	3m LPH	No	3,909.63	Not Priced
494	4m LPH	No	4,800.61	Not Priced
495	6m LPH	No	6,545.36	Not Priced
496	8m LPH	No	8,040.40	Not Priced
	<u>Fibreglass poles :</u>			
497	3m LPH	No	4,687.15	Not Priced
498	4m LPH	No	5,732.99	Not Priced
499	6m LPH	No	7,622.34	Not Priced
500	8m LPH	No	11,325.26	Not Priced
	<u>Wooden poles :</u>			
501	6m Length including installation but excluding pole hole	No	2,784.51	Not Priced
502	9.3m Length including installation but excluding pole hole	No	3,081.10	Not Priced
	<u>PVC sleeve pipes with draw wire :</u>			
503	110mm On surface (in trench or similar)	m	288.77	Not Priced
504	110mm In brick	m	269.24	Not Priced
505	110mm In concrete	m	978.06	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Pitch fibre (Class C) sleeve pipes with draw wire :</u>			
506	110mm On surface (in trench or similar)	m	354.67	Not Priced
507	110mm In brick	m	368.59	Not Priced
508	110mm In concrete	m	345.25	Not Priced
	<u>LAMPS</u>			
	<u>Incandescent 40 - 100 watt "BC" or "ES" 250 volts lamps :</u>			
509	1 - 5 Lamps	No	34.53	Not Priced
510	1 - 25 Lamps	No	29.68	Not Priced
511	More than 25 lamps	No	41.20	Not Priced
	<u>Incandescent 150 - 200 watt "BC" or "ES" 250 volts lamps :</u>			
512	1 - 5 Lamps	No	54.81	Not Priced
513	1 - 25 Lamps	No	54.81	Not Priced
514	More than 25 lamps	No	53.69	Not Priced
	<u>TUBES</u>			
	<u>Fluorescent 610mm - 18 watt white "SS" or "RS" lamps :</u>			
515	1 - 5 Lamps	No	55.42	Not Priced
516	1 - 25 Lamps	No	55.42	Not Priced
517	More than 25 lamps	No	56.37	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Fluorescent 1 220mm x 36mm - 36 watt white "SS" lamps :</u>			
518	1 - 5 Lamps	No	58.42	Not Priced
519	1 - 25 Lamps	No	58.42	Not Priced
520	More than 25 lamps	No	59.15	Not Priced
	<u>Fluorescent 1 220mm 40 watt white "RS" :</u>			
521	1 - 5 Lamps	No	69.98	Not Priced
522	1 - 25 Lamps	No	69.95	Not Priced
523	More than 25 lamps	No	72.31	Not Priced
	<u>Fluorescent 1 524mm 58 watt white "SS" lamps :</u>			
524	1 - 5 Lamps	No	65.27	Not Priced
525	1 - 25 Lamps	No	66.33	Not Priced
526	More than 25 lamps	No	69.36	Not Priced
	<u>Fluorescent 2 440mm (8ft) 58 watt white "Slimline" lamps :</u>			
527	1 - 5 Lamps	No	106.28	Not Priced
528	1 - 25 Lamps	No	105.47	Not Priced
529	More than 25 lamps	No	137.20	Not Priced
	<u>Fluorescent saving lamps :</u>			
530	"Phillips SL" 9 watt	No	787.40	Not Priced
531	"Phillips SL" 18 watt	No	129.38	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
532	"PL" 7 watt	No	91.44	Not Priced
533	"PL" 9 watt	No	90.74	Not Priced
534	"PL" 11 watt	No	118.95	Not Priced
535	"PL" 13 watt	No	99.01	Not Priced
536	"2D" 16 watt	No	95.80	Not Priced
	<u>LAMPS</u>			
	<u>Tungsten halogen 250 volt :</u>			
537	300/500 Watt	No	118.34	Not Priced
538	1000 Watt	No	139.69	Not Priced
539	1500 Watt	No	197.87	Not Priced
	<u>Mercury vapour :</u>			
540	80 Watt	No	128.14	Not Priced
541	125 Watt	No	163.41	Not Priced
542	250 Watt	No	301.99	Not Priced
543	400 Watt	No	320.09	Not Priced
544	160 Watt mercury blended	No	243.31	Not Priced
	<u>High pressure sodium :</u>			
545	70 Watt HPS - E	No	337.18	Not Priced
546	100 Watt HPS - E	No	492.97	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
547	50 Watt HPS - E	No	488.22	Not Priced
548	250 Watt HPS - E	No	341.87	Not Priced
549	400 Watt HPS - E	No	349.61	Not Priced
550	250 HPS - T	No	348.10	Not Priced
551	400 HPS - T	No	339.73	Not Priced
	<u>Energy saving bulbs "BC" or "ES" :</u>			
552	9 Watt	No	74.66	Not Priced
553	12 Watt	No	73.37	Not Priced
554	14 Watt	No	76.65	Not Priced
555	24 Watt	No	128.06	Not Priced
	<u>Control gear for "HPS / MV" :</u>			
556	MW choke 80W	No	339.68	Not Priced
557	MW choke 400W	No	532.23	Not Priced
558	MW choke 250W	No	600.50	Not Priced
559	MW choke 400W	No	628.72	Not Priced
560	HPS choke 100W	No	478.96	Not Priced
561	HPS choke 150W	No	653.95	Not Priced
562	HPS choke 250W	No	714.44	Not Priced
563	HPS choke 400W	No	676.95	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
564	HPS ignitor 100W	No	335.32	Not Priced
565	HPS ignitor 150W	No	331.40	Not Priced
566	HPS ignitor 250W/400W	No	288.02	Not Priced
567	Capacitor 25uF/250V	No	187.64	Not Priced
568	Capacitor 8uF/250V	No	304.25	Not Priced
	<u>Control gear for fluorescent fittings :</u>			
569	"Slimline" 2 x 75W	No	591.14	Not Priced
570	Rapid start 2 x 40W	No	436.27	Not Priced
571	1 x 20W switch start ballast	No	124.42	Not Priced
572	1 x 40W switch start ballast	No	145.28	Not Priced
573	1 x 60W switch start ballast	No	149.55	Not Priced
574	1 x Capacitor for 40 Watt lamp	No	138.89	Not Priced
575	1 x Capacitor for 65 Watt lamp	No	137.88	Not Priced
576	PL - 7 - 9W ballast	No	159.19	Not Priced
577	PL 11W ballast	No	155.31	Not Priced
578	2PL - 7 - 9W ballast	No	192.97	Not Priced
579	2PL - 13W ballast	No	197.99	Not Priced
580	2D - 16W ballast	No	225.97	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Lampholders fluorescent :</u>			
581	Telescope type two pin	No	120.32	Not Priced
582	Telescope type single pin	No	113.71	Not Priced
583	Ratchet type one lamp fitting	No	92.77	Not Priced
584	Ratchet type two lamp fitting	No	92.48	Not Priced
	<u>Starters for fluorescent fittings :</u>			
585	4 - 80 Watt universal type "S10"	No	60.03	Not Priced
586	Lamps with diachroid reflector	No	153.47	Not Priced
587	20W	No	111.79	Not Priced
588	35W	No	110.99	Not Priced
589	50W	No	160.03	Not Priced
	<u>Safety transformers 220V/12V with fuse and protected terminals :</u>			
590	50W	No	689.35	Not Priced
591	200W	No	842.88	Not Priced
	<u>ELECTRIC GEYSERS</u>			
592	Replace thermostat	No	545.08	Not Priced
593	Spiral type hardwater 2kW	No	751.52	Not Priced
594	Replace element (for porcelain type element)	No	762.91	Not Priced
595	Replace spiral type element hardwater 3kW	No	872.51	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
596	Replace 3kW element ("Sadia" geyser)	No	729.68	Not Priced
597	Replace 0.75kW immersion type element	No	696.46	Not Priced
598	Replace 1.5kW immersion type element	No	698.37	Not Priced
599	Replace 2kW immersion type element	No	842.79	Not Priced
600	Replace kwick heat blue element with thermostat 2kW	No	1,247.92	Not Priced
601	Replace 3kW immersion type element	No	1,057.52	Not Priced
	<u>EXISTING INSTALLATIONS : GENERAL WORK</u>			
602	Replace indoor type lighting arrestor	No	756.20	Not Priced
603	Replace hinges of outdoor meter box or distribution board	No	373.04	Not Priced
604	Replace door catch of outdoor meter box or distribution board	No	426.06	Not Priced
605	Replace staple and hasp	No	503.88	Not Priced
606	Replace indoor distribution board face plate	No	692.16	Not Priced
607	Replace indoor distribution board door	No	711.53	Not Priced
608	Cover for outdoor distribution board	No	728.00	Not Priced
	<u>Replace "Yorkshire" fuse or circuit breaker with "New Pole" type circuit breaker and drip-roof box :</u>			
609	Single phase	No	1,156.84	Not Priced
610	Three phase	No	1,756.92	Not Priced
611	Connect/disconnect existing power supply to electrical appliances, motors or other equipment	No	429.36	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>Replace "HRC" fuse cartridges :</u>			
612	0.5 - 15 Ampere	No	221.95	Not Priced
613	60 - 100 Ampere	No	453.15	Not Priced
614	150 - 200 Ampere	No	698.23	Not Priced
615	300 - 400 Ampere	No	1,076.97	Not Priced
616	500 Ampere	No	1,359.15	Not Priced
	<u>EARTHING AND BONDING</u>			
617	Earthing of metal roof with 50mm ² copper wire in 25mm conduit connected to 1,5mm earth spike	No	991.28	Not Priced
618	Earthing and bonding of roof, downpipes and gutter (per bumper strap of connection, not exceeding 1 metre)	No	407.82	Not Priced
619	Bond waste pipes to cold water pipes (not exceeding 1 metre length)	No	480.00	Not Priced
	<u>CABLE CONNECTION TO MAIN POWER OVERHEAD DISTRIBUTION LINE</u>			
	<u>Including fastening of cable into standard municipal wooden pole by stainless steel strappers, wire clamps to Q.H. wires and trenching shall be EXCLUDED :</u>			
620	Single phase + neutral	No	1,417.36	Not Priced
621	Three phase + neutral	No	1,599.30	Not Priced
	<u>COVERS ONLY TO OUTDOORS DB</u>			
622	SK0	No	794.12	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
623	SK2	No	1,060.40	Not Priced
624	SK3	No	951.26	Not Priced
625	SK5	No	1,481.66	Not Priced
	<u>METER BOARDS, DISTRIBUTION BOARDS AND SUPPLY MAINS</u>			
	<u>Flush Mounted:</u>			
626	2 Way	No	1,984.26	Not Priced
627	4 Way	No	2,669.91	Not Priced
628	6 Way	No	4,060.29	Not Priced
629	8 Way	No	5,037.21	Not Priced
630	10 Way	No	4,870.93	Not Priced
631	12 Way	No	6,414.90	Not Priced
632	15 Way	No	7,446.87	Not Priced
633	18 Way	No	8,497.71	Not Priced
634	24 Way	No	9,180.41	Not Priced
635	36 Way	No	10,296.92	Not Priced
636	45 Way	No	12,359.50	Not Priced
	<u>Flush Mounted with Galvanised Steel Tray:</u>			
637	12 Way	No	7,525.32	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
638	15 Way	No	8,111.77	Not Priced
639	18 Way	No	8,960.15	Not Priced
	<u>Surface Mounted:</u>			
640	2 Way	No	2,203.41	Not Priced
641	4 Way	No	3,395.50	Not Priced
642	6 Way	No	4,142.98	Not Priced
643	8 Way	No	4,658.52	Not Priced
644	10 Way	No	4,907.59	Not Priced
645	12 Way	No	5,491.62	Not Priced
646	15 Way	No	6,427.72	Not Priced
647	18 Way	No	7,364.71	Not Priced
648	24 Way	No	8,705.40	Not Priced
649	36 Way	No	11,018.42	Not Priced
650	45 Way	No	13,370.45	Not Priced
	<u>FIBREGLASS DISTRIBUTION KIOSK COMPLETE</u>			
651	6 Way double door	No	11,934.20	Not Priced
652	12 Way double door	No	16,322.66	Not Priced
653	18 Way double door	No	19,181.45	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>SUPPLY AND INSTALLATION OF CABLE ENTRY SLEEVES AND CHANNELS</u>			
654	Internal supply mains from meterboard to DB consisting of 2 x 16mm PVC insulated conductors and 1 x 10mm BC earth wire per metre run	m	1,023.71	Not Priced
655	Internal supply mains from roof to meter board as item above and including roof connection as per std.spc WS20	m	516.09	Not Priced
656	Overhead bundle conductors	m	416.59	Not Priced
657	Supply and install single phase roof box	No	1,341.91	Not Priced
658	Supply and install three phase roof box	No	1,935.60	Not Priced
	<u>INSTALL AND CONNECT ISOLATOR, EARTH LEAKAGE OR CIRCUIT BREAKER AT DB, MATERIAL SUPPLIED BY OTHERS</u>			
659	Single pole	No	400.01	Not Priced
660	Double pole	No	565.24	Not Priced
661	Triple pole	No	888.84	Not Priced
	<u>REWIRING OF EXISTING LIGHT CIRCUIT</u>			
662	Rewire existing light circuit to meet standard of wiring. The price shall be given per metre circuit-run, but shall EXCLUDE all necessary disconnection and reconnection or appliances removal work. Termination work at the distribution board as well as withdraw of existing wires shall be INCLUDED	m	164.45	Not Priced
	<u>DISCONNECT, REMOVE, REINSTALL AND RECONNECT</u>			
663	Light switches for above	No	634.41	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>LIGHT FITTINGS OF VARIOUS TYPES AS MENTIONED PREVIOUSLY</u>			
664	1 - 5 Fittings	No	679.26	Not Priced
665	1 - 25 Fittings	No	3,125.75	Not Priced
666	More than 25 fittings	No	6,159.93	Not Priced
	<u>SOCKET OUTLET POINTS</u>			
667	Rewire existing socket circuit by means of 2 x 4mm ² PVC wires plus 2.5mm ² BCEW. The price shall be given per metre circuit-run, but shall EXCLUDE all necessary disconnection and reconnection or appliances removal work. Termination work at the distribution board as well as withdrawing of existing wires shall be included	m	191.50	Not Priced
668	Single switched socket	No	254.50	Not Priced
669	Dual switched socket	No	383.08	Not Priced
	<u>INSTALL STOVE OUTLET POINT</u>			
670	Stove isolator	No	476.29	Not Priced
671	Withdraw existing stove circuit wiring and rewire to include 2 x 6mm 253 conductors plus 4mm ² earth wire (invoiced per metre run)	m	330.66	Not Priced
672	Withdraw existing stove circuit wiring and rewire to include 2 x 6mm 253 conductors plus 4mm ² earth wire (invoiced per metre run)	m	492.09	Not Priced
673	Replace flexible stove connection consisting 2 x 6mm ² PVC conductors plus 4mm ² earth wire in "Kopex" tubing. Allow for 1.50 metre 25mm tubing with compression glands	No	582.32	Not Priced
			N\$	Not Priced
	Bill No. 2 LOW TENSION DISTRIBUTION Initial here.....			



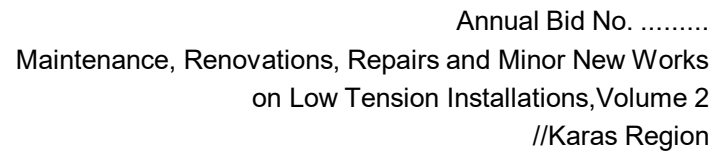
Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
	<u>GEYSER CONNECTIONS</u>			
674	Withdraw existing geyser circuit wiring and rewire to include 2 x 4mm ² PVC conductors plus 2.5mm ² earth wire (invoiced per metre run)	m	271.52	Not Priced
675	Replace 20mm sprague connection with 20mm flexible "Kopex" connection per metre length including disconnection and reconnection of conductors and 2 x glands	m	348.28	Not Priced
	<u>WEATHERPROOF AND GEYSERS</u>			
676	Replace weatherproof isolator	No	948.69	Not Priced
677	Install weatherproof isolator	No	945.37	Not Priced
678	Install geyser connection excluding weatherproof isolator	No	781.20	Not Priced
679	Isolator to include 2 x 4mm ² conductors plus 2.5mm ² earthwire per metre run	m	442.31	Not Priced
	<u>SUNDRIES</u>			
680	One lever two way type surface mounted	No	307.68	Not Priced
681	Three lever two way type surface mounted	No	387.21	Not Priced
682	Surface type dual industrial metal switch socket	No	439.95	Not Priced
683	Flush mounted 100mm x 50mm computer switch plug + cover	No	380.30	Not Priced
684	Single outlet 100mm x 100mm computer switch plug + cover	No	443.90	Not Priced
685	Dual outlet 100mm x 100mm computer switch plug + cover	No	441.27	Not Priced
686	Round blank cover plate	No	36.37	Not Priced
687	Metal round blank cover plate oversize	No	64.18	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
	Initial here.....			



Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
688	Metal round blank cover plate oversize with knockout	No	308.52	Not Priced
689	Contractor 240V complete	No	2,008.62	Not Priced
690	Disconnection of single phase + neutral	No	437.40	Not Priced
691	Disconnection of three phase + neutral	No	591.84	Not Priced
	<u>Conventional Meters:</u>			
	<u>Digital Meters:</u>			
692	Single phase meter board complete outdoor	No	2,801.93	Not Priced
693	Three phase meter board complete outdoor	No	3,593.58	Not Priced
	<u>Analogue Meters:</u>			
694	Single phase meter board complete outdoor	No	3,288.18	Not Priced
695	Three phase meter board complete outdoor	No	3,699.01	Not Priced
	<u>Pre-paid Meters:</u>			
696	Pre-paid single phase	No	2,746.95	Not Priced
697	Pre-paid three phase	No	5,967.49	Not Priced
698	Rewire single distribution board to standard	No	1,300.09	Not Priced
699	Rewire three phase board to standard	No	1,841.48	Not Priced
700	SABS 1524 Glass 2 5 -60A ready box complete	No	1,616.67	Not Priced
701	Disconnect, remove, reinstall and reconnect cable at single phase distribution board	No	1,745.28	Not Priced
702	Labelling of single phase distribution board	No	436.58	Not Priced
			N\$	Not Priced
	Bill No. 2			
	LOW TENSION DISTRIBUTION			
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-55-



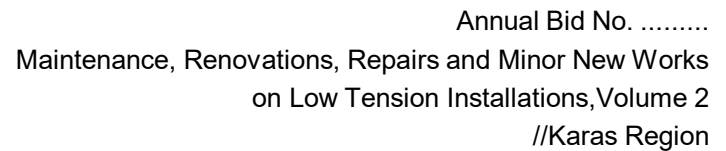
Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
	<u>BILL No 3</u>			
	<u>NON-SCHEDULED WORK</u>			
	<u>NOTES</u>			
	1. The following must be priced by the Tenderer. Failure to do so or to only price some of the items in this Bill will result in the Tenderer being DISQUALIFIED.			
	2. Tenderers are to take note of the method of calculating the Contract Sum and the order of calculating the Contract Sum as clearly specified and stated in Volume 1 and 2.			
	<u>NON-SCHEDULED MATERIAL</u>			
705	Percentage allowance to be added to the NETT purchase cost of non-scheduled items excluding VAT for profit and overhead costs		18.00%	Not Priced
	<u>LABOUR RATES</u>			
	<u>NOTES</u>			
	1. The following labour rates must be INCLUSIVE of all labour costs such as social security costs, pensions, bonuses and the like.			
	2. The labour rates must also be INCLUSIVE of all supervision costs, foremen cost and the PROFIT on labour as no extra costs in connection herewith will be payable.			
706	Driver	Per Hr	60.59	Not Priced
707	Artisan	Per Hr	203.71	Not Priced
708	Artisan Foreman	Per Hr	266.05	Not Priced
			N\$	Not Priced
	Bill No. 3 NON-SCHEDULED WORK Initial here.....			

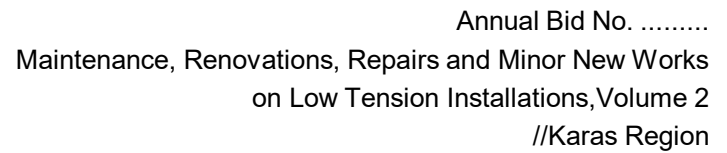


Annual Bid No.
Maintenance, Renovations, Repairs and Minor New Works
on Low Tension Installations, Volume 2
//Karas Region

<u>Item No</u>		<u>Unit Rate</u>	<u>Rate</u>	<u>Rate</u>
			N\$	Not Priced
709	Handyman	Per Hr	93.03	Not Priced
710	Workhand	Per Hr	69.10	Not Priced
711	Labourer	Per Hr	52.90	Not Priced
Bill No. 3 NON-SCHEDULED WORK Initial here.....			N\$	Not Priced



-58-



-59-