

THEMBISILE HANI LOCAL MUNICIPALITY
SCHEDULE: SUPPLY AND DELIVERY OF ELECTRICAL MATERIAL
PART A: MATERIAL

BILL: AC

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1,0		<u>ACCESSORIES</u>				
1,1	AC1	Copper Lugs 4mm	each	1		
1,2	AC2	Copper Lugs 10x10mm	each	1		
1,3	AC3	Copper Lugs 16x12mm	each	1		
1,4	AC4	Copper Lugs 16x16mm	each	1		
1,5	AC5	Copper Lugs 25x8mm	each	1		
1,6	AC6	Copper Lugs 25x12mm	each	1		
1,7	AC7	Copper Lugs 35x12mm	each	1		
1,8	AC8	Copper Lugs 50x16mm	each	1		
1,9	AC9	Ferrules 2.5mm	each	1		
1,10	AC10	Ferrules 4mm	each	1		
1,11	AC11	Ferrules 10mm	each	1		
1,12	AC12	Ferrules 16mm	each	1		
1,13	AC13	Ferrules 25mm	each	1		
1,14	AC14	Hole saw 20mm	each	1		
1,15	AC15	Hole saw 25mm	each	1		
1,16	AC16	Pvc Glands 20mm	each	1		
1,17	AC17	20mm saddle galvanised	each	1		
1,18	AC18	25mm saddle galvanised	each	1		
1,19	AC19	Rotary glands no 1	each	1		
1,20	AC20	Rotary glands no 2	each	1		
1,21	AC21	Rotary glands no.3	each	1		
1,22	AC22	Cable ties black T131R	each	1		
1,23	AC23	Cable ties black T30R	each	1		
1,24	AC24	15A Connector strips/blocks	each	1		
1,25	AC25	Nitto insulation tape Red,	each	1		
1,26	AC26	Nitto insulation tape white	each	1		
1,27	AC27	Nitto Insulation tape Blue	each	1		
1,28	AC28	Nitto insulation tape Black	each	1		
1,29	AC29	9V battery for testers	each	1		
1,30	AC30	M5x55mm butterfly nuts	each	1		
1,31	AC31	6x55mm fischer plugs	each	1		
1,32	AC32	M4x40mm screws	each	1		
1,33	AC33	12,5mm binding strapite + locknuts	each	1		
1,34	AC34	Earth spikes 1.2m	m	1		
1,35	AC35	Mx1 Scotch cast	each	1		
1,36	AC36	Mx2 scotch cast	each	1		
1,37	AC37	Mx3 Scotch cast	each	1		
1,38	AC38	Soldering wire	each	1		
TOTAL CARRIED FORWARD						

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BILL: WC

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
2,0	WC	WIRES AND CABLE				
2,1	WC1	2.5mmx3core Cabtyre Black	m	1		
2,2	WC2	0.5mm Panel wire (Ripcord)	m	1		
2,3	WC3	1.5mm 2+E Flat twin surfix	m	1		
2,4	WC4	4mm 2+E Flat twin	m	1		
2,5	WC5	2.5mm 2+E Flat twin	m	1		
2,6	WC6	1.5mm Red GP wire	m	1		
2,7	WC7	1.5mm Black GP wire	m	1		
2,8	WC8	1.5mm Blue GP wire	m	1		
2,9	WC9	1.5mm white GP wire	m	1		
2,10	WC10	2.5mm Red GP wire	m	1		
2,11	WC11	2.5mm Black GP wire	m	1		
2,12	WC12	2.5mm green/yellow	m	1		
2,13	WC13	4mm red GP wire	m	1		
2,14	WC14	4mm white GP wire	m	1		
2,15	WC15	4mm blue GP wire	m	1		
2,16	WC16	4mm black GP wire	m	1		
2,17	WC17	6mm Red GP wire	m	1		
2,18	WC18	2,5mm 5core trailing cable	m	1		
2,19	WC19	10mm 3 core armoured cable	m	1		
2,20	WC20	10mm Airdac cable	m	1		
2,21	WC21	16mm 3 core armoured cable	m	1		
2,22	WC22	16mm 4core armoured cable	m	1		
2,23	WC23	10mm bare copper	m	1		
2,24	WC24	25mm 4core armoured cable	m	1		
2,25	WC25	35mm 4core armoured cable	m	1		
2,26	WC26	50 mm 4core armoured cable	m	1		
2,27	WC27	ABC 25mm x 2 Core 1+1N	m	1		
2,28	WC28	ABC 35mm x 4 core 3+1N	m	1		
2,29	WC29	ABC 70mm x 4 core 3+1N	m	1		
TOTAL CARRIED FORWARD						

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BILL: BG

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
3,0	BG	BULBS/GLOBES				
3,1	BG1	7w B22 LED Bulbs	each	1		
3,2	BG2	7w E27 LED Bulbs	each	1		
3,3	BG3	16w 2D bulbs	each	1		
3,4	BG4	5w GU 10 LED down lights	each	1		
3,5	BG5	18w 2pin bulbs	each	1		
3,6	BG6	18w 4pin bulbs	each	1		
3,7	BG7	26w 2pin bulbs	each	1		
3,8	BG8	9w 2 pin bulbs	each	1		
3,9	BG9	9w LED tube 2ft 100LM/W/4000k CRI 80/230v	each	1		
3,10	BG10	18w LED tube 4ft 100LM/W/4000k CRI 80/230v	each	1		
3,11	BG11	22w LED tube 5ft 100 LM/W/4000k CRI 80/230V	each	1		
3,12	BG12	28w LED tube 8ft 100LM/W/4000k CRI 80/230V	each	1		
3,13	BG13	40w intergrated solar powered street light	each	1		
3,14	BG14	50w intergrated solar powered street light	each	1		
3,15	BG15	50w LED Street light 130 LM/W/ CRI 70/230 / 5000k	each	1		
3,16	BG16	55w Led street light 130 lm/w/cri 70/230v 5000k	each	1		
3,17	BG17	60w LED Street light 130LM/W/ CRI 70 /230v / 5000k	each	1		
3,18	BG18	100w LED Street light 130LM/W/ CRI 70 /230V / 5000k	each	1		
3,19	BG19	200w LED Flood light 135LM/W/5000k CRI 70/230v	each	1		
3,20	BG20	216w Led Flood light 135 LM/W/5000K CRI 70/230v	each	1		
3,21	BG21	400w LED Flood light 135LM/W/5000k CRI 70/ 230v	each	1		
3,22	BG22	200w Led flood light chips	each	1		
3,23	BG23	55w Led street light chips	each	1		
3,24	BG24	55w led surge protectors	each	1		
3,25	BG25	100w E40 LED bulbs	each	1		
3,26	BG26	160w E27 blended mercury	each	1		
3,27	BG27	400w E40 HPS bulbs	no	1		
3,28	BG28	20-80w S111 starters	no	1		
3,29	BG29	0-20w Flourescent Starters	no	1		
TOTAL CARRIED FORWARD						

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BILL: CBC

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
4,0		CIRCUIT BREAKERS & CONTACTORS				
4,1	CBC1	5A 6ka C/breaker cbi	no	1		
4,2	CBC2	6A C/breaker Mcb	no	1		
4,3	CBC3	10A 6ka C/breaker cbi	no	1		
4,4	CBC4	15A 6ka C/breaker cbi	no	1		
4,5	CBC5	20A 6ka C/breaker cbi	no	1		
4,6	CBC6	25A 6ka C/breaker cbi	no	1		
4,7	CBC7	30A 6ka Circuit breaker cbi	no	1		
4,8	CBC8	30A Double Pole cbi 1P+N	no	1		
4,9	CBC9	32A C/breaker mcb	no	1		
4,10	CBC10	32A Double pole mcb 1P+N	no	1		
4,11	CBC11	40A 6ka C/breaker cbi	no	1		
4,12	CBC12	40A 6ka 3P C/ breaker Orange handle cbi	no	1		
4,13	CBC13	60A 6ka 3P C/ breaker cbi	no	1		
4,14	CBC14	60A 6ka C/breaker mcb	no	1		
4,15	CBC15	63A 6ka Earth leakage with overload protection cbi	no	1		
4,16	CBC16	63A 6ka Earth leakage mcb	no	1		
4,17	CBC17	63A 2P miniature Circuit breaker	no	1		
4,18	CBC18	80A 3P 15ka C/breaker	no	1		
4,19	CBC19	100A 3P 15ka C/breaker	no	1		
4,20	CBC20	150A 3P 15ka C/breaker	no	1		
4,21	CBC21	250A 3P 15ka C/breaker	no	1		
4,22	CBC22	125A 3P MCCB	no	1		
4,23	CBC23	400A 3P MCCB	no	1		
4,24	CBC24	800A 3P MCCB	no	1		
4,25	CBC25	18A 230V contactor	no	1		
4,26	CBC26	25A 230V contactor	no	1		
4,27	CBC27	25A 400V contactor	no	1		
4,28	CBC28	32A 230V contactor	no	1		
4,29	CBC29	150A 230V Contactor	no	1		
4,30	CBC30	250A 230V contactor	no	1		
TOTAL CARRIED FORWARD						

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PART A: MATERIAL

BILL: RLY

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PART A: MATERIAL

BILL: LF

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD					
6,0		LIGHT FITTINGS				
6.1	LF1	50 – 60w Street light	no	1		
6.2	LF2	50 – 60w Solar Street lights	no	1		
6.3	LF3	125 MV Street light Fittings	no	1		
6.4	LF4	Flood lights die cast 400w HPS Genlux fittings	no	1		
6.5	LF5	16w 2D Centurion Fittings	no	1		
6.6	LF6	200w LED slim Flood light fitting	no	1		
6.7	LF7	Side walk bulkhead fitting	no	1		
6.8	LF8	22w 5ft LED Flourescent fitting double	no	1		
6.9	LF9	18w 4ft LED double Florescent fitting	no	1		
6.10	LF10	28w 8ft LED Flourescent fitting	no	1		
6.11	LF11	9w 2ft LED fluorescent fittings	no	1		
6.12	LF12	Porcelain lamp holder E40	no	1		
6.13	LF13	Pvc Lamp Holder E27	no	1		
	TOTAL CARRIED FORWARD					

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BILL: PS

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
7,0	PS	PLUGS AND SWITCHES				
7.1	PS1	4x4 Crabtree single plug	no	1		
7.2	PS2	4x4 Crabtree double plug	no	1		
7.3	PS3	4x2 Crabtree 1 lever switch	no	1		
7.4	PS4	4x2 Crabtree 1 lever 2 way switch	no	1		
7.5	PS5	4x2 Crabtree 2lever switch	no	1		
7.6	PS6	4x2 Crabtree 2 lever 2way switch	no	1		
7.7	PS7	4x2 Crabtree 3 lever Switch	no	1		
7.8	PS8	4x2 Crabtree 15A Industrial plug	no	1		
7.9	PS9	4x2 Dedicated Plug (Crabtree)	no	1		
7.10	PS10	4x2 Normal Plug (Crabtree)	no	1		
7.11	PS11	15A 3 Pin Plug top	no	1		
7.12	PS12	4x4 steel/PVC extension box	no	1		
7.13	PS13	4x2 steel/PVC extension box	no	1		
7.14	PS14	4x2 weather proof box S15	no	1		
7.15	PS15	Eave box150x300mm	no	1		
7.16	PS16	4X2 30A Isolator	no	1		
7.17	PS17	4x4 60A Isolator	no	1		
7.18	PS18	Cab truss skirting (steel)	m	1		
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BILL: BS

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD					
7,0	BS	BALLASTS AND CHOKES				
8.1	BS1	9w chokes	no	1		
8.2	BS2	18w chokes	no	1		
8.3	BS3	26w chokes	no	1		
8.4	BS4	70w Ballast	no	1		
8.5	BS5	125w Ballast	no	1		
8.6	BS6	2x36w Electronic Ballast	no	1		
8.7	BS7	2x58w Electronic Ballast	no	1		
8.8	BS8	200w led ballast	no	1		
8.9	BS9	50w led surge protectors	no	1		
8.10	BS10	100w HPS Chokes	no	1		
8.11	PBS11	400w HPS Chokes	no	1		
	TOTAL CARRIED FORWARD					

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BILL: CNTS

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD					
9,0	CNTS	CONNECTORS				
9.1	CNTS1	15A Strip connectors	no	1		
9.2	CNTS2	IPC Clamps 35mm to 95mm	no	1		
9.3	CNTS3	Strain clamps	no	1		
9.4	CNTS4	Crossby/ Suspension assembly clamps	no	1		
9.5	CNTS5	LV Guard grip	no	1		
9.6	CNTS6	Stay rods with base plates 250mm -300mmx300mm	no	1		
9.6	CNTS7	Stay wire	m	1		
	TOTAL CARRIED FORWARD					

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PART A: MATERIAL

BILL: CTRL

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PART A: MATERIAL

BILL: CT

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD					
11,0	CT	CONDUITS & TRUNKING				
11.1	CT1	16x16mm Pvc trunking	m	1		
11.2	CT2	25x16mm Pvc trunking	m	1		
11.3	CT3	40x40 mm Pvc trunking	m	1		
11.4	CT4	75x40mm Pvc trunking	m	1		
11.5	CT5	20mm pvc conduit	m	1		
11.6	CT6	25mm pvc conduit	m	1		
11.7	CT7	50mm pvc conduit	m	1		
11.8	CT8	50-70mm cable sleeve	m	1		
11.9	CT9	20mm pvc coupling	no	1		
11.10	CT10	20mm pvc sprang tube	m	1		
	TOTAL CARRIED FORWARD					

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BILL: PL

NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TOTAL BROUGHT FORWARD					
12,0	PL	POLES				
12.1	PL1	Streetlight Poles (Galvanised Steel)				
		a). 15 metre	no	1		
		b). 12.5 metre	no	1		
		C). 9.2 metre	no	1		
12.2	PL2	Streetlight Poles (wooden)				
		a) 5 metres	no	1		
		b) 7.2 metre	no	1		
		c) 9 metre	no	1		
		d) 0.5mm outreach arm brackets for streetlights	no	1		
	TOTAL CARRIED FORWARD					

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NO.	ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD						
12.0	ET	ELECTRICAL EQUIPMENT & TOOLS				
12.1	ET1	Drill Machine 850w	no	1		
12.2	ET2	SDS Drill machine	no	1		
12.3	ET3	Angle Grinder small	no	1		
12.4	ET4	Angle Grinder Big	no	1		
12.5	ET5	Cordless hand drill	no	1		
12.6	ET6	Wrench pliers 200 – 400mm	no	1		
12.7	ET7	Combination Pliers	no	1		
12.8	ET8	Side cutter pliers	no	1		
12.9	ET9	Shifteen pliers 200 – 400mm	no	1		
12.10	ET10	Drill bits set	no	1		
12.11	ET11	SDS drill bits sets	no	1		
12.12	ET12	16mm masonite drill bit	no	1		
12.13	ET13	20mm Masonite drill bit	no	1		
12.14	ET14	Allen keys sets	no	1		
12.15	ET15	Led Torch	no	1		
12.16	ET16	Polarity Tester	no	1		
12.17	ET17	Multimeter Testers	no	1		
12.18	ET18	Digital clamp tester	no	1		
12.19	ET19	Insulation resistance Tester	no	1		
12.20	ET20	Phase rotation Tester	no	1		
12.21	ET21	Soldering iron	no	1		
12.22	ET22	850kg double load winch	no	1		
12.23	ET23	Scissor mast assemble kits	no	1		
12.24	ET24	Hydraulic motor drum	no	1		
12.25	ET25	Electrical motor	no	1		
12.26	ET26	High mast Distribution boards	no	1		
12.27	ET27	Domestic Distribution boards	no	1		
12.28	ET28	6 foot fibre glass stepladders 1.8m	no	1		
12.29	ET29	8 foot fibre glass stepladders	no	1		
12.30	ET30	10 foot fibre glass stepladders 3m	no	1		
12.31	ET31	Extension ladders 3.0 – 5.1m	no	1		
12.32	ET32	Electrician Tool kits 16 piece	no	1		
12.33	ET33	Binding tools	no	1		
12.34	ET34	Crimping Tools	no	1		
12.35	ET35	Insulated set of screw drivers	no	1		
12.36	ET36	Hand hydraulic crimper	no	1		
12.37	ET37	Hacksaw metal	no	1		
12.38	ET38	5 piece heavy duty blades	no	1		
12.39	ET39	350mm groove joint pliers	no	1		
12.40	ET40	180 mm 1000v combination pliers	no	1		
12.41	ET41	5.5kVa Generator 5500w	no	1		
12.42	ET42	Soldering wire	no	1		
12.43	ET43	Hack saw blades	no	1		
12.44	ET44	68cc Earth Auger drill(Free standing) Machine	no	1		
12.45	ET45	Earth auger bit 250mm				

12.45	ET46	600mm Extension Auger	no	1	
	E1	Material and Equipments not covered in the bill of quantity but needed for supply and delivery of roads and stormwater The supplier will be required to produce 3 qoutaations for material needed and 30% of the sum will be added as the profit. Only SANS approved material to be used. (Amount is only for evaluation purpose only)		Prov Sum	1
	E1.1	% for profit, transactional costs and handling fees for item		%	30
	TOTAL CARRIED FORWARD				

CONTRACT: SUPPLY AND DELIVERY OF ELECTRICAL MATERIAL
SCHEDULE: MATERIAL

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