

TP/2024/07/0010/72927/RFP - SUPPLY AND DELIVERY OF ELECTRIC TOOLS, MATERIALS, SPARES AND CONSUMABLES ON AN "AS AND WHEN" BASIS TO VARIOUS TRANSNET SITES WITHIN THE KZN CONTAINER CORRIDOR (DURBAN, PIETERMARITZBURG, LADYSMITH, NEWCASTLE) FOR A PERIOD OF 36 (THIRTY-SIX) MONTHS.



**ANNEXURE A1: BILL OF QUANTITIES**

Region	Dept	Tick
Kwazulu-Natal	Durban	
Kwazulu-Natal	Pietermaritzburg	
Kwazulu-Natal	Ladysmith	
Kwazulu-Natal	Newcastle	
Kwazulu-Natal	Vryheid	
Kwazulu-Natal	Empangeni	

Item	Description: Electrical maintenance Material list	Material group per unit	Year 1		Year 2		Year 3	
			QTY	Unit price	QTY	Unit price	QTY	Unit price
cm1	C/BREAKER SINGLE POLE 2,5KA CBI/SAMITE OR SIMILAR	Each	1		1		1	
cm2	10AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm3	15AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm4	20AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm5	30AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm6	40AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm7	50AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm8	60AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm9	70AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm10	80AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm11	100AMP 2,5KA C/BREAKER SINGLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm12	20AMP 2,5KA C/BREAKER DOUBLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm13	40AMP 2,5KA C/BREAKER DOUBLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm14	60AMP 2,5KA C/BREAKER DOUBLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm15	100AMP 2,5KA C/BREAKER DOUBLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm16	30AMP 2,5KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm17	50AMP 2,5KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm18	60AMP 6KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm19	100AMP 6KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm20	125AMP 25KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm21	150AMP 25KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm22	200AMP 25KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm23	300AMP 25KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm24	800 AMP 25KA C/BREAKER TRIPLE POLE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm25	63AMP 2,5KA DIN RAIL SINGLE PHASE EARTH LEAKAGE CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm26	63AMP 2,5KA EARTH LEAKAGE SINGLE PHASE WITH OVERLOAD PROTECTION CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm27	63AMP 2,5KA EARTH LEAKAGE TRIPLE PHASE WITH OVERLOAD PROTECTION CBI/ SAMITE OR SIMILAR	Each	1		1		1	
cm28	11W TO 14W ENERGY SAVER LAMP ES Philips or similar	Each	1		1		1	
cm29	11W TO 14W ENERGY SAVER LAMP BC Philips or similar	Each	1		1		1	
cm30	1,2M LED TUBE ONE END A/C INPUT (ONE SIDED POWER) cool white Philips or similar	Each	1		1		1	
cm31	1,5M LED TUBE ONE END A/C INPUT T6 TYPE (ONE SIDED POWER) cool white Philips or similar	Each	1		1		1	
cm32	1.2m LED Light fitting complete	Each	1		1		1	
cm33	1.5m LED Light fitting complete	Each	1		1		1	
cm34	400W HPS LAMP Philips or similar	Each	1		1		1	
cm35	400W HPS IGNITOR	Each	1		1		1	
cm36	400W HPS CHOKE	Each	1		1		1	
cm37	50W LED FLOOD LIGHT Philips or similar	Each	1		1		1	
cm38	30W LED FLOOD LIGHT Philips or similar	Each	1		1		1	
cm39	butterfly screws 6X 15	Each	1		1		1	
cm40	porcelain screwets small	Each	1		1		1	
cm41	porcelain screwets big	Each	1		1		1	
cm42	self tapping screws 10 ml	Each	1		1		1	
cm43	insulation tapes RED	Each	1		1		1	
cm44	insulation tapes White	Each	1		1		1	
cm45	insulation tapes Blue	Each	1		1		1	
cm46	insulation tapes Black	Each	1		1		1	
cm47	20 mm saddles pvc	Each	1		1		1	
cm48	20 mm saddles metal	Each	1		1		1	
cm49	ferrulles 16mm 50 packet	Each	1		1		1	
cm50	ferrulles 25mm 50 packet	packets	1		1		1	
cm51	ferrulles 35mm 50 packet	packets	1		1		1	
cm52	ferrulles 50mm 50 packet	packets	1		1		1	
cm53	ferrulles 70mm 50 packet	packets	1		1		1	
cm54	ferrulles 95mm 50 packet	packets	1		1		1	
cm55	brass nuts 6mm x 10mm	each	1		1		1	
cm56	brass bolts 6mm x 10mm	each	1		1		1	
cm57	brass nuts M8x10mm	each	1		1		1	
cm58	brass bolts M8x10mm	each	1		1		1	
cm59	cable ties T50 R packets	packets	1		1		1	
cm60	cable ties T120 R packets	packets	1		1		1	
cm61	pvc glue 750ml	each	1		1		1	

cm62	round box 20m 2 way with lid with cover screws	each	1		1		1	
cm63	round box 20m 3 way with lid with cover screws	each	1		1		1	
cm64	Light sensors	each	1		1		1	
cm65	63A Earth leakage 6kA CBI/ SAMITE 1-phaseOR SIMILAR	each	1		1		1	
cm66	63A Earth leakage 6kA CBI/ SAMITE 3-phaseOR SIMILAR	each	1		1		1	
cm67	2 pin 9W globes Philips or similar	each	1		1		1	
cm68	2 pin 13W globes Philips or similar	each	1		1		1	
cm69	2 pin 18W double fluorescent globes	each	1		1		1	
cm70	4 pin 13W globes Philips or similar	each	1		1		1	
cm71	12V downlights 9W (cool white) Philips or similar	each	1		1		1	
cm72	230V downlights 9W (cool white) Philips or similar	each	1		1		1	
cm73	3kW Kwikot OR SIMILAR Spiral element	each	1		1		1	
cm74	Kwikot OR SIMILAR Thermostat 20A	each	1		1		1	
cm75	Rubber flange/ gasket Kwikot OR SIMILAR	each	1		1		1	
cm76	Kwikot OR SIMILAR TH-202 VKF11 Thermostat (with leads)	each	1		1		1	
cm77	Kwikot OR SIMILAR TH-202 VKF11 Thermostat (with short probs)	each	1		1		1	
cm78	Edison Screw holders porcelain (standard globe)	each	1		1		1	
cm79	24W/840 flourescents cool white Philips or similar	each	1		1		1	
cm80	2D 9W globes (Philips or similar)	each	1		1		1	
cm81	Metal Halide fitting	each	1		1		1	
cm82	Single lever 16A light switch 4x2 Crabtree OR SIMILAR	each	1		1		1	
cm83	Doble lever 16A light switch 4x2 Crabtree OR SIMILAR	each	1		1		1	
cm84	3 lever 16A light switch 4x2 Crabtree OR SIMILAR	each	1		1		1	
cm85	Single lever 2-way 16A light switch 4x2 Crabtree OR SIMILAR	each	1		1		1	
cm86	4x2 plug + cover Crabtree OR SIMILAR	each	1		1		1	
cm87	4x4 double plug + cover Crabtree OR SIMILAR	each	1		1		1	
cm88	4x4 extension box metal Crabtree or similar	each	1		1		1	
cm89	4x2 Industrial socket + cover Crabtree OR SIMILAR	each	1		1		1	
cm90	400W Mercury Blended lights Philips or similar	each	1		1		1	
cm91	High pressure sodium lights	each	1		1		1	
cm92	20mm PVC Couplings	each	1		1		1	
cm93	Spotlights 100W cool white IP65	each	1		1		1	
cm94	60W Spotlight cool white IP65	each	1		1		1	
cm95	10X10 PVC square white trunking	each	1		1		1	
cm96	Holesaw 20mm with mandril	each	1		1		1	
cm97	Holesaw 25mm with mandril	each	1		1		1	
cm98	Holesaw 32mm with mandril	each	1		1		1	
cm99	Rags	each	1		1		1	
cm100	Silica gel (blue to pink)	each	1		1		1	
cm101	Electrical Cleaner - Electrosafe or similar	each	1		1		1	
cm102	Degreaser - Vanish or similar 5litres	each	1		1		1	
cm103	Battery cleaner spray 350ml	each	1		1		1	
cm104	Electrical contact grease 5litre	each	1		1		1	
cm105	Spark or similar spray 350ml	each	1		1		1	
cm106	mineral insulating oil "Transformer Oil" (virgin, PCB Free) 72kV	each	1		1		1	
cm107	Degreaser - Cyberchem MX70 or equivalent 5litre	each	1		1		1	
cm108	Joint kit - 11kV PILC 185 - 300mm <sup>2</sup>	each	1		1		1	
cm109	Joint kit - 11kV XLPE 185 - 300mm131	each	1		1		1	
cm110	hard broom	each	1		1		1	
cm111	soft broom	each	1		1		1	
cm112	Yarn mop	each	1		1		1	
cm113	25mm paint brush - hamilton or similar	each	1		1		1	
cm114	50mm paint brush - hamilton or similar	each	1		1		1	
cm115	20l 36cm diameter galvanised iron bucket	each	1		1		1	
cm116	Stainless Steel 316 10mm chain	each	1		1		1	
cm117	Joint kit - 11kV Transition 185 - 300mm132	each	1		1		1	
cm118	compression gland + locknut - size 0 (zero)	each	1		1		1	
cm119	photo-cell (25Amp)	each	1		1		1	
cm120	20mm PVC conduit	each	1		1		1	
cm121	2.5mm concord round "surfix" (3core + earth) - black 100m coil	each	1		1		1	
cm122	2.5mm concord round "surfix" (3core + earth) - white 100m coil	each	1		1		1	
cm123	2.5 mm cabtyre 100m coil	each	1		1		1	
cm124	2.5mm house wire - red 100m coil	each	1		1		1	
cm125	2.5mm house wire - black 100m coil	each	1		1		1	
cm126	2.5mm house wire - green/yellow (earth) 100m coil	each	1		1		1	
cm127	Contactore - 150Amp, 230V coil, 3 pole, N/O + N/C Auxiliary contacts	each	1		1		1	
cm128	dome cover for round box PVC	each	1		1		1	
cm129	4 mm set screws	each	1		1		1	
cm130	cable clips M9	each	1		1		1	
cm131	95mmx10mm pugs 50 pack	each	1		1		1	
cm132	Cable ties 300x8mm 100 packet	each	1		1		1	
cm133	Cable ties 150x3mm 100 packet	each	1		1		1	
cm134	16A industrial plug tops	each	1		1		1	
cm135	SAMITE or similar MCB 20Amp	each	1		1		1	
cm136	Bolt 15 x 8mm - stainless	each	1		1		1	
cm137	Nut for 15 x 8mm Bolt - stainless	each	1		1		1	
cm138	spring washer for 15 x 8mm Bolt - stainless	each	1		1		1	
cm139	HRC fuse - Middle offset 100Amp	each	1		1		1	
cm140	Filler foam 500ml	each	1		1		1	
cm141	Silicone - Clear "Marine"	each	1		1		1	
cm142	Silicone Gun	each	1		1		1	
cm143	Pop rivets 4x14mm	each	1		1		1	
cm144	M10 Steel round threaded bar	each	1		1		1	
cm145	Infra red motion sensor 240V 1200W 360° with 62mm cot out	each	1		1		1	
cm146	Round white ceiling surface mounted pull switch	each	1		1		1	
cm147	Self Amalgamating black tape 4,57mmx19mmx0,76mm (ACDC INS-83)	each	1		1		1	
cm148	5,5 x 25 Tek Screw steel (Selfdrilling)	each	1		1		1	
cm149	Round IP65 Bulkhead light fitting ceiling mounted with E27 lamp holder	each	1		1		1	
cm150	1,2mt 2Tube flourescent surface mounted light fitting	each	1		1		1	
cm151	1,5mt 2Tube flourescent surface mounted light fitting with telescopic lamp holder	each	1		1		1	
cm152	1,5mt 2Tube flourescent light fitting decorative surface mounted with diffuser	each	1		1		1	
cm153	400W HPS Lamp Philips or similar tubular 250W E40 lamp	each	1		1		1	
cm154	400W HPS Choke 250W Ballast	each	1		1		1	

cm155	Butterfly screws M5 x 75	each	1		1		1	
cm156	Porcelain Screwet big 16Amp Black connector strip	each	1		1		1	
cm157	Brass bolt + nuts M4 X 12mm	each	1		1		1	
cm158	Brass bolt + nuts M5 X 25mm	each	1		1		1	
cm159	115mm Standard metal cutting disc	each	1		1		1	
cm160	115mm Industrial flap disc	each	1		1		1	
cm161	Mutton cloth white (400gr roll)	each	1		1		1	
cm162	16mm Lugs crimping	each	1		1		1	
cm163	35mm Lugs crimping	each	1		1		1	
cm164	6mm Lugs crimping	each	1		1		1	
cm165	Ballast for 16W 2D 2Pin lamp	each	1		1		1	
cm166	Flourescent lamp holder (ACDC P.T-C06)	each	1		1		1	
cm167	Flourescent lamp holder (ACDC P.T-C02)	each	1		1		1	
cm168	Flourescent telescopic lamp holder (ACDC P.T-C01)	each	1		1		1	
cm169	Spring toddle clip with M5 x 50mm	each	1		1		1	
cm170	Round box 20mm PVC one way with lid + screws	each	1		1		1	
cm171	100A Earth leakage 6kA CBI/SAMITE OR SIMILAR 3-phase	each	1		1		1	
cm172	2x4 Extension box with close or open back	each	1		1		1	
cm173	160W Mercury blended light Phillips E27	each	1		1		1	
cm174	230V 85Watts 6500K E40 Base Energy saving lamp	each	1		1		1	
cm175	High pressure sodium lights 250W E40 wall mounted floodlights with control gear	each	1		1		1	
cm176	High pressure sodium lights 400W E40 wall mounted floodlights with control gear	each	1		1		1	
cm177	16x16mm PVC square white trunking	each	1		1		1	
cm178	16x25mm PVC square white trunking	each	1		1		1	
cm179	40x40mm PVC square whit trunking	each	1		1		1	
cm180	Spark or similar spray Electro clean spray	each	1		1		1	
cm181	Feather duster	each	1		1		1	
cm182	20L PVC Container (water)	each	1		1		1	
cm183	1,5mm 3Core + Earth	each	1		1		1	
cm184	1,5mm 3Core + Earth	each	1		1		1	
cm185	1,5mm 3Core Cabtyre	each	1		1		1	
cm186	1,5mm Red Silicon wire	each	1		1		1	
cm187	1,5MM Black Silicon wire	each	1		1		1	
cm188	Cable clips N#8	each	1		1		1	
cm189	Pop rivets 4x14mm with large flange	each	1		1		1	
cm190	Loctite or similar SI 5699 Grey Silicon Gasket maker	each	1		1		1	
cm191	Flush 45Amp Single phase Isolator crabtree or similar 4x4	each	1		1		1	
cm192	Compression gland NPO PVC	each	1		1		1	
cm193	Compression gland NP1 PVC	each	1		1		1	
cm194	Compression gland NPO Metal	each	1		1		1	
cm195	Compression gland NP1 Metal	each	1		1		1	
cm196	16A Plug top (Black rubber)	each	1		1		1	
cm197	Startes Phillips or similar (ST 111 Osram)	each	1		1		1	
cm198	1,5mt 58W Florescent tube cool day light	each	1		1		1	
cm199	1,2mt 36W Florescent tube cool day light	each	1		1		1	
cm200	Fuse cartridge 32A size B1 (Centre tag)	each	1		1		1	
cm201	Fuse cartridge 63A size A4 (Off set tag)	each	1		1		1	
cm202	Fuse cartridge 100A size B1 (Centre tag)	each	1		1		1	
cm203	Fuse cartridge 100A size A4 (Off set tag)	each	1		1		1	
cm204	Fuse cartridge 32A size A3 (Centre tag)	each	1		1		1	
cm205	Samite adaptor clips	each	1		1		1	
cm206	DB Blanks	each	1		1		1	
cm207	Shield expansion 6x45mm (Nail in anchor)	each	1		1		1	
cm208	Flourescent T8 lamp holder snap fit with spring (G13 with pins + spring) FH G13P	each	1		1		1	
cm209	1,2mt 16W 6500k T8 LED tubes Phillips or similar	each	1		1		1	
cm210	1,5mt 20W 6500k T8 LED tubes Phillips or similar	each	1		1		1	
cm211	1,5mt 58W Double tube fluorescent water tight light fitting	each	1		1		1	
cm212	1,2mt 58W Double tube fluorescent water tight light fitting	each	1		1		1	
cm213	2x2 Industrial sinq lever switch	each	1		1		1	
cm214	4x2 Industrial single socket	each	1		1		1	
cm215	4x2 Industrial single lever switch	each	1		1		1	
cm216	Industrial Tripple lever switch	each	1		1		1	
cm217	2 foot LED tubes	each	1		1		1	
cm218	2x4 4-lever one way light switch	each	1		1		1	
<b>Electrical Tools</b>								
cm219	Side Cutter 8316-200JC	Each	1		1		1	
cm220	Combination Plier 8250-200JC	Each	1		1		1	
cm221	Long Nose Plier 8132-200JC	Each	1		1		1	
cm222	Universal Plier 145/250	Each	1		1		1	
cm223	150mm Shifting Spanner	Each	1		1		1	
cm224	250mm Shifting Spanner	Each	1		1		1	
cm225	Elect Screwdriver Set VDE ELS/PH	Each	1		1		1	
cm226	250mm Vice Grip 137/250	Each	1		1		1	
cm227	Allen Key set 42SCL-7M	Each	1		1		1	
cm228	Tool Trunk 1440-70 Replaced by P/N1460-70	Each	1		1		1	
cm229	450g Ball Pein Hammer HDP0316	Each	1		1		1	
cm230	560G Steel Claw Hammer HDS0316	Each	1		1		1	
cm231	Stanley Rect Knife	Each	1		1		1	
cm232	CTR156 220mm Hex Crimper	Each	1		1		1	
cm233	CTR0525 350mm Crimping Tool	Each	1		1		1	
cm234	Junior Hacksaw	Each	1		1		1	
cm235	Tubular Hacksaw	Each	1		1		1	
cm236	Wire Stripper SP1006	Each	1		1		1	
cm237	Cable cropper	Each	1		1		1	
cm238	HSS Drill bit set 1-13-05	Each	1		1		1	
cm239	Voltage Tester MT472	Each	1		1		1	
cm240	Voltage Detector MT400	Each	1		1		1	
cm241	4,6mm Terminal Driver TSD0610	Each	1		1		1	
cm242	6mm Terminal Driver TSD0407	Each	1		1		1	
cm243	SL280 LED Worklight	Each	1		1		1	
cm244	240mm Ratchet Cable Shear	Each	1		1		1	
cm245	half inch socket set (8 - 20mm)	Each	1		1		1	
cm246	half inch socket ratchet driver	Each	1		1		1	
cm247	Fluke or similar multimeter	Each	1		1		1	

cm248	Headlamp	Each	1		1		1	
cm249	LED Torch	Each	1		1		1	
cm250	Extension Reel (50meter, 2.5mm²)	Each	1		1		1	
cm251	Extension lead (20m, 2.5mm²)	Each	1		1		1	
cm252	Nut driver set 8mm - 16mm	Each	1		1		1	
cm253	150mm Angle grinder	Each	1		1		1	
cm254	Portable drilling machine	Each	1		1		1	
cm255	Duspol tester	Each	1		1		1	
<b>Total</b>			R		R		R	
<b>DISCOUNT</b>			R		R		R	
<b>Vat 15%</b>			R		R		R	
<b>Grand Total</b>			R		R		R	

**NB: PLEASE NOTE THAT THIS IS NOT A FINITE LIST. TRANSNET WILL SEEK QUOTATIONS FOR OTHER RELATED ITEMS NOT LISTED THAT WILL BE REQUIRED ON AD-HOC BASIS. TRANSNET RESERVES THE RIGHT TO COMPARE QUOTED PRICES TO ENSURE MARKET RELATEDNESS AND TO ACCEPT OR DECLINE SUCH QUOTE.**

MARK-UP ON MATERIALS NOT LISTED ON THE ABOVE BILL OF QUANTITIES	
Material VALUE	% Mark-up
R0 up to R9 999.99	
R10 000.00 up to R49 999.99	
R50 000.00 up to R99 999.99	
R100 000.00 up to R199 999.99	
R200 000.00 and above.	

Pricing Schedule must be Fully Completed and must be legible.

Signature of Bidder

Company Stamp

Date

All prices quoted shall be inclusive of delivery costs to all major depots within the KZN region mentioned in the tender Bill of quantities.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_