

SCHEDULE OF EXPERIENCE

	MHVT No.	CLIENT	AREA / SUBSTATION	PROJECT DESCRIPTION	YEAR	PURCHASE ORDER	REFERENCES
1	1110	ESKOM TRANSMISSION	Apollo, Perseus and Hydra Substations	Coil Innovation Air Core Reactors	2011	R 4 300 000,00	Kerry Bromfield +27 11 800 6312
2	1016	ABB SOUTH AFRICA	Alpha, Beta, Perseus and Mercury Substations	Test and Commission 765kV Series Capacitor Banks	2011	R 800 000,00	Abri Booyse +27 10 202 5055
3	1102	SASOL	Secunda	Thyristor Controlled Heater System for Gas Process, HMI and Spares	2011	R 900 000,00	Luleka Ngwenya +27 17 610 6541
4		ESKOM TRANSMISSION	All Shunt Capacitor Banks	Spare Capacitor Cans	2011	R 700 000,00	Neels van Staden +27 82 805 7372
5	0910	KATANGA MINES	KADI, KOV and LUILU Substations (Kolwezi, DRC)	Substation Rehabilitation (Circuit breakers, CT, VT, Protection and SCADA systems), Design, Supply, Install & Test	2010 - 2012	R 21 000 000,00	Laurant Nsangwa +243 970 011 686
6	1020	ESKOM TRANSMISSION	Acacia Substation - Transformers 3 & 9	Supply, Install and Commission 132kV Current Limiting Reactors (Air-Core type)	2011 - 2012	R 15 000 000,00	Ebrahim Ismael +27 21 573 6012
7		SAMANCOR	Meyerton	SF6 Circuit Breaker Testing and Maintenance. And Breaker Replacement	2012	R 370 000,00	Nick Boshoma +27 16 360 2047
8		KATANGA MINES	KOV Substation (Kolwezi, DRC)	extension (Circuit breakers, CT, VT & Disconnectors) Supply, Install & Test	2012	R 2 000 000,00	Laurant Nsangwa +243 970 011 686
9		XTRATA PHASE 2	Senakangwedi Substation	275kV/180MVA Substation	2011 - 2013	R 18 000 000,00	John Collins +27 13 230 5210
10		KATANGA MINES	KADI Substation (Kolwezi, DRC)	120kV Feeder 2 (Circuit breakers, CT, VT & Disconnectors) Supply, Install & Test	2012 - 2013	R 4 200 000,00	Laurant Nsangwa +243 970 011 686
11	1108	ESKOM TRANSMISSION	GARONA Substation	±45MVar STATCOM (Turnkey) Design, Supply, Construction, Performance testing and Commissioning	2012 - 2013	R 40 000 000,00	Thokozani Mhlongo +27 11 800 6161
12		KATANGA MINES	KADI, KOV and LUILU Substations (Kolwezi, DRC)	Fire Detection and Suppression Systems in Switchgear buildings. Supply and Commission	2013	R 1 200 000,00	Jean Kabash +243 991 225 548

13		KATANGA MINES	KADI, KOV and LUILU Substations (Kolwezi, DRC)	Control System Spares	2013	R	1 500 000,00	Jean Kabash +243 991 225 548
14		KATANGA MINES	KADI, KOV and LUILU Substations (Kolwezi, DRC)	Supply and Replace 2x 120kV Circuit Breakers	2013	R	900 000,00	Laurant Nsangwa +243 970 011 686
15		SAMANCOR	Meyerton	SF6 Circuit Breaker Testing and Maintenance.	2013	R	240 000,00	Nick Boshoma +27 16 360 2047
16	1312	SCATEC SOLAR	Kalkbult	First 75MW Solar Plant energized to ESKOM Grid	2013	R	1 100 000,00	Abri Stegmann +27 71 684 9959
17	1339	SCATEC SOLAR	Linde	132kV Commissioning Linde IPP Substation	2014	R	870 000,00	
18	1343	SCATEC SOLAR	Dreunberg + Sable	Commissioning Sable (ESKOM Substation) and Dreunberg IPP Substation	2014	R	1 900 000,00	
19	1102	SASOL	Secunda	AEG Thyristor Heater Control Panel Spares	2014	R	300 000,00	Luleka Ngwenya +27 17 610 6541
20	1432	KATANGA MINE	KOV Substation (Kolwezi, DRC)	Transformer Bay	2014 - 2015	R	2 800 000,00	Laurant Nsangwa +243 970 011 686
21	1120	RXPE	Nampula Substation (Mozambique)	Design and Project Management of 220/33kV STATCOM Substation	2013 - 2015	R	3 200 000,00	Graeme Bathurst +44 161 233 0689
22	1323	Power System Dynamics (PSD)	NHDA and CARX (Dubai)	SVC Site Supervision and consultation during commissioning of 2x 210MVar SVC's	2013 - 2015	R	1 100 000,00	Sep Boshoff +27 11 807 1598
23	1404	ESKOM WCOU	Karoo Substation	Substation Refurbishment (Civils, HV Equipment Installation, Stringing & Cabling)	2014	R	5 500 000,00	Sive Tina Ralarala +27 21 980 3353
24	1316	ESKOM Transmission	Pluto Substation	Substation Cabling and Stringing	2014	R	450 000,00	Thandi Semosa +27 11 800 4846
25	1417	ESKOM NWOU	Boschkoppie, Impofu	Boschkoppie – Impofu Strengthening Project Construction of 88kV Overhead Lines between Boschkoppie and Impofu Substations and Feeder Bays	2014 - 2015	R	11 200 000,00	Dieketseng Monyane +27 14 523 7029
26	1423-1	ESKOM NCOU	Bloemheuwel SS (Christiana)	NCOU Substation Refurbishment (3-year contract) – Civil works, Earthing, Cabling & Asbestos trench covers (Civil & Electrical Works 3-Year Outline Agreement)	2015	R	3 300 000,00	Nkosana Zitha +27 53 830 5983

27	1423-2	ESKOM NCOU	De Aar Substation	NCOU Substation Refurbishment: Civil Works, Breaker Installation, cabling and Stringing of Whole Substation (Civil & Electrical Works 3-Year Outline Agreement)	2015	R	2 100 000,00	Hennie Koekemoer +27 72 210 2661
28	1442	ESKOM NWOU	Styldrift	Build New 132/33kV Substation	2015 - 2016	R	21 000 000,00	Wiseman Ngxaliwe +27 12 421 8742
29	1473	ESKOM TRANSMISSION	Athene, Illovo, Impala	Supply and Deliver 5x Thyristor controlled Air core Reactors (TCR)	2015	R	4 400 000,00	Sheila Paul +27 11 800 4869
30	1463	Sterling & Wilson	SCDA3 (DeAar)	75MW PV Solar: Design, Supply, Install IPP Substation Transformer Schemes and Control and Protection Equipment commissioning	2015 - 2016	R	1 700 000,00	Mel Steyn +27 57 352 1081
31	1479	JUWI - Mulilo Sonnedix Prieska (MSP)	MSP IPP + Hoekplaas (Prieska)	75MW PV Solar: Design, Supply, Install IPP Substation Protection and SCADA/HMI Schemes, Test & Commission. ESKOM SS Protection and Control Pre-commissioning	2015 - 2016	R	6 500 000,00	Andre Steffen +27 21 831 6100
32	1524	Ally's Electro Networks	Kudube	Hammanskraal - Installation of protection panels, metering panels, DRTU's, Batteries & Chargers, IDF and Vamp panel.	2015-2016	R	1 000 000,00	Ally Ledwaba +27 15 292 3232
33	1518	ESKOM HOLDINGS	Buffelsjags (Swellendam)	Construct New 66/11kV 10MVA Substation	2015 - 2016	R	11 300 000,00	Sive Ralanala +27 21 980 3353
34	1531	ESKOM	Matimba, Medupi and Muldersvlei	400 kV Current Limiting Air Core Reactor Supply, Install and Test	2016-2023	R	60 000 000,00	Thavenesen Govender +27 82 873 2757
35	1423	ESKOM NCOU	Jan Kempdorp	NCOU Substation Refurbishment (Civil & Electrical Works 3-Year Outline Agreement)	2015-2016	R	2 500 000,00	Mavis Makuoabenyane +27 53 820 5980
36	1660	ESKOM NWOU	Slurry (Mafikeng)	PPC Substation 20MVA 88/6.6kV Transformer	2016 - 2018	R	7 600 000,00	Dieketseng Monyane +27 14 523 7029
37	1640	ESKOM Megawatt Park	Simmerpan	To manufacture, supply, deliver and install tubular bus bar (88kV). Including the clamps, end caps and installation of the damping conductors and phasing disks.	2017	R	2 700 000,00	Tele Mashamaite +27 11 516 7467
38	1719	Eskom NWOU	Dwarsberg	Supply and Installation of 132kV Electrical Tubular Busbars + Supply of Associated Clamps.	2017	R	1 800 000,00	Wenza Nene +27 11 800 3075
39	1687	Eskom WCOU	Sterrekus and Ankerlig	Installation of busbar and bay post insulators on prepared steel support structures (400kV)	2017 - 2019	R	2 300 000,00	Sandra Zwane 27 11 800 6578
40	1709	Eskom NCOU	Gordonia Substation (Upington)	Gordonia (Upington) - Cabling & Stringing, Erection of Post Insulators, Installation of Clamps, Trenching and Earthing.	2017	R	3 690 000,00	Ngiphile Nkwanyana +27 11 800 6574

41	1740	Eskom NWOU	Zeerust	Substation Construction	2017	R	10 800 000,00	Dieketseng Monyane +27 14 523 7029
42	1617	KONKOLA COPPER MINES (KCM)	Nchanga, Nkana, Nampundwe (Zambia)	Design, Supply, Installation & Commissioning of 6 Automated Multi-Stage Power Factor Correction Capacitor Banks	2017- 2019	R	13 200 000,00	Mbobe Nyondo +260 973 880 195
43	1653	LICI STAR/ ABLON	KAT1 + Facility (Kathu)	SCADA/HMI Schemes including Control, Metering and Protection Equipment commissioning - CONCENTRATED SOLAR PLANT (CSP)	2017-2018	R	1 300 000,00	Mel Steyn +27 57 352 1081
44	1654	ESKOM	GAUTENG Area	GAUTENG - ESKOM FRAMEWORK CONTRACT - Civils, Stringing, Cabling and Installation of HV Equipment	2017 - 2020	R	5 740 000,00	Joe Verissimo +27 11 871 2166
45	1730	ESKOM	WCOU Substations	ESKOM FRAMEWORK CONTRACT - Substation Works	2018	R	10 000 000,00	Angelique Hester +27 21 980 3811
46	1817	ESKOM	Brandbaai WC	WCOU Brandbaai - Oil Dam Construction	2018	R	650 000,00	Aldrey Africa +27 83 953 2559
47	1806	KATANGA MINE (KCC)	Kolwezi, DRC	15kV Overhead Double Circuit Line	2018	R	8 100 000,00	Laurant Nsangwa +243 970 011 686
48	1844 1845 1866	JUWI RENEWABLE ENERGIES	DROOGFONTEIN - 75MW BOKAMOSO - 75MW WATERLOO - 75MW	SOLAR ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2019 - 2020	R	15 506 723,00	Mel Steyn +27 57 352 1081
49	1652	ELEWAN ENERGY	COPPERTON WEF-120MW (3x 132kV Substations)	WIND ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2019 - 2021	R	13 644 565,00	Chris de Waal +27 82 698 2866
50	1981	GRUPO TSK	GREEFSpan 2 SEF - 22MW	SOLAR ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2020	R	4 912 708,00	Mel Steyn +27 57 352 1081
51	2005T	GRUPO COBRA	DE WILDT SEF - 50MW	SOLAR ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2020	R	5 083 966,00	Mel Steyn +27 57 352 1081
52		ESKOM NCOU	Witloop Substation (Black Rock)	Construction of new Witloop 132kV Substation	2021	R	6 490 000,00	Xoliswa Jacobs +27 53 830 5767
53		ESKOM KZN	Tugela and Sorata Substations	Stringing and Cabling works at Tugela and Sorata Substations	2021	R	2 600 000,00	Anna-Maria Khumalo +27 31 710 5137
54		ESKOM TRANSMISSION	Apollo Substation	Replace 10MVA 22/11kV Transformer 11 Apollo AC	2021	R	485 000,00	Mmabatho Marokane +27 11 800 2761

55	1851	NORDEX	ROGGEVELD WEF - 147MW	WIND ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2020 - 2021	R	9 537 525,00	Mel Steyn +27 57 352 1081
56	1652	ELEWAN ENERGY	COPPERTON WEF-120MW	WIND ENERGY FACILITY Control Plant spares	2022	R	1 441 296,27	Chris de Waal +27 82 698 2866
57	2104T	JUWI RENEWABLE ENERGIES	PAR EVANDER GOLD-10MW	SOLAR ENERGY FACILITY Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2021 - 2022	R	981 936,09	Charles Deacon +27 82 496 2629
58	2014T	SOLAR CAPITAL	LOERIESFONTEIN ORANGE SEF - 75MW	SOLAR ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2021 - 2023	R	7 836 144,05	Nazeer Haroon +27 82 786 5273
59	1851-2	NORDEX	ROGGEVELD WEF - 147MW	Drawings & Installation of Sub Harmonic protection and monitoring relays	2022	R	208 725,00	Paul Ruthenburg +27 72 175 2118
60	2118T	SCATEC SOLAR	DREUNBERG SEF	Supply, Deliver, install and Commission New SEL487E Transformer Relay and repair faulty relay	2022	R	302 952,00	Sarel Le Roux + 27 82 5575570
61	2229T	NORDEX	ROGGEVELD WEF - 147MW	Supply, Installation, configuration and commissioning of Aviation lights RTU and logic	2022	R	137 540,00	Innes Louw +27 83 536 4911
62	2232T	Solar Capital	SCDA1 (DeAar)	Power Quality Meter (Vecto3) Permanent installation including summation CTs (Design of Interface drawings and fast installation modules)	2022	R	173 280,00	Thabiso Tjatie +27 21 433 0366
63	2232T	ACCIONA	GOUDA Wind Farm	Power Quality Meter (Vecto3) Permanent installation including summation CTs (Design of Interface drawings and fast installation modules)	2022	R	191 475,00	Lucky Ngidi +27 83 499 1999
64	2248T	ACCIONA	SISHEN SOLAR FACILITY	Power Quality Meter (Vecto3) Permanent installation (Design of Interface drawings and fast installation modules)	2023	R	130 180,00	Lucky Ngidi +27 83 499 1999
65	2111T	ACWA POWER/SEPCO 3	REDSTONE CSP - 100MW	CONCENTRATED SOLAR PLANT Design, Supply, Install IPP Equipment grid code compliance FAT, SAT & commissioning (RTU/Feeder interface and Tariff Metering Panels)	2022 - 2023	R	2 070 000,00	Mel Steyn +27 57 352 1081
66	2249T	SCATEC SOLAR	KALKBULT SEF	Supply, Installation, configuration and commissioning of NEW RTU and Cap Bank I/O signals and training	2023	R	154 905,00	Justus Barnard + 27 71 684 9971
67	2257	KARO PLATINUM	Zimbabwe	Design, Supply, Substation SCADA Panels (Network & Gateway Panels + Power Quality)	2023	R	1 965 840,51	Johan Hough +27 82 575 9591
68	2230T	SOLA	MERAK 1 - 100MW MERAK 2 - 100MW MERAK 3 - 100MW	SOLAR ENERGY FACILITY Design, Develop, Supply, Install IPP Substation Control and Protection Equipment FAT, SAT & commissioning.	2023 - 2024	R	18 957 609,41	Mel Steyn +27 57 352 1081

69		ESKOM TRANSMISSION	Pembroke Substation	400KV Tubular Busbars Supply and Installation	2023	R	1 400 000,00	Vincent Matshego +27 11 800 3780
70		ESKOM TRANSMISSION	Eros Substation	400KV Tubular Busbar Supply and Installation	2023	R	2 400 000,00	Malibongwe Fudu +31 710 5267
71		ESKOM TRANSMISSION	Craighall Substation	275kV Substation Emergency Stringing on GIS, Lepini line & Soil embankment repairs	2022 - 2023	R	1 500 000,00	Sibongile Mahlangu +27 79 511 4065
72		ESKOM TRANSMISSION	Lomond, Pluto and Midas Substations	Dismantle & erection of Equipment, stringing, cabling and civil works	2023 - 2024	R	17 500 000,00	Refilwe Tlolane +27 11 800 4645