

SANSa Matjiesfontein - Cable Schedule															
For Tender															
Rev A - 19 November 2024															
Ref.	From	To	Main Cable Details	Distance (m)	Size (m²)	Qty	CU/ALU	Total (m)	Earth Cable Details	Distance (m)	Size (m²)	Qty	CU/ALU	Total (m)	
C1	Transnet TX	RMU	Overhead Line???	900	70	1	Cu	0							
C2	RMU	RMU-A	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	350	70	1	Cu	350	Black ICEW	350	70	1	Cu	350	
C3	RMU	RMU-B	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	350	70	1	Cu	350	Black ICEW	350	70	1	Cu	350	
C4	RMU-A	Minisub 1	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	88	70	1	Cu	88	Black ICEW	88	70	1	Cu	88	
C5	Minisub 1	Minisub 3	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	349	70	1	Cu	349	Black ICEW	348,7	70	1	Cu	348,7	
C6															
C7															
C8															
C9															
C10	Minisub 3	Minisub 4	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	256	70	1	Cu	256	Black ICEW	256,3	70	1	Cu	256,3	
C11	Minisub 4	RMU-B	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	683	70	1	Cu	683	Black ICEW	683,1	70	1	Cu	683,1	
C12	Generator 1	MLV	4C PVC PVC SWA PVC	40	120	4	Cu	160	Black ICEW	40	120	2	Cu	80	
C13	Generator 2	MLV	4C PVC PVC SWA PVC	40	120	4	Cu	160	Black ICEW	40	120	2	Cu	80	
C14	MLV	TX-A	3000A Resin Encapsulated Alu Busbar												
C15	MLV	TX-B	3000A Resin Encapsulated Alu Busbar												
C16	TX-A	RMU-A	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	10	70	1	Cu	10	Black ICEW	10	70	1	Cu	10	
C17	TX-B	RMU-B	3C XLPE insulated, Copper tape screened, PVC Bedded, SWA, PVC sheathed	10	70	1	Cu	10	Black ICEW	10	70	1	Cu	10	
C18	Minisub 1	Kiosk 1	4C PVC PVC SWA PVC	95	35	1	Cu	95	Black ICEW	95	16	1	Cu	95	
C19	Kiosk 1	SANSa Antenna 1	4C PVC PVC SWA PVC	80	16	1	Cu	80	Black ICEW	80	10	1	Cu	80	
C20	Kiosk 1	SANSa Antenna 2	4C PVC PVC SWA PVC	80	16	1	Cu	80	Black ICEW	80	10	1	Cu	80	
C21	Minisub 1	SDB-2 (Energy Centre Local DB)	4C PVC PVC SWA PVC	190	50	1	Cu	190	Black ICEW	190	35	1	Cu	190	
C22	Minisub 2	SMDB-1B (Main Operations Building)	4C PVC PVC SWA PVC	90	95	2	Cu	180	Black ICEW	90	95	1	Cu	90	
C23	Minisub 3	LEGS Comm Antenna	FUTURE						FUTURE						
C24	Minisub 3	SMDB-1A (Main Operations Building)	4C PVC PVC SWA PVC	80	95	2	Cu	160	Black ICEW	80	95	1	Cu	80	
C25	Minisub 4	LEGS Antenna B-Supply	4C PVC PVC SWA PVC	130	95	2	Cu	260	Black ICEW	130	120	1	Cu	130	
C26	Minisub 4	DB-GH (Guard House)	4C PVC PVC SWA PVC	350	95	1	Cu	350	Black ICEW	350	50	1	Cu	350	
C27	Minisub 5	LEGS Antenna A-Supply	4C PVC PVC SWA PVC	130	95	2	Cu	260	Black ICEW	130	95	1	Cu	130	
C28	SMDB-1A (Main Operations Building)	NASA MDP-A	4C PVC PVC SWA PVC	30	95	1	Cu	30	Black ICEW	30	50	1	Cu	30	
C29	SMDB-1A (Main Operations Building)	DB-SANSa-A	4C PVC PVC SWA PVC	26	95	1	Cu	26	Black ICEW	26	50	1	Cu	26	
C30	SMDB-1A (Main Operations Building)	SDB-1 A-Supply (Local Common DB)	4C PVC PVC SWA PVC	15	70	1	Cu	15	Black ICEW	15	35	1	Cu	15	
C31	SMDB-1B (Main Operations Building)	NASA MDP-B	4C PVC PVC SWA PVC	40	95	1	Cu	40	Black ICEW	40	50	1	Cu	40	
C32	SMDB-1B (Main Operations Building)	SDB-1 B-Supply (Local Common DB)	4C PVC PVC SWA PVC	15	70	1	Cu	15	Black ICEW	15	35	1	Cu	15	
C33	NASA MDP-A	AC CRAC ATS 1	4C PVC PVC SWA PVC	15	16	1	Cu	15	Black ICEW	15	6	1	Cu	15	
C34	NASA MDP-A	AC CRAC ATS 2	4C PVC PVC SWA PVC	25	16	1	Cu	25	Black ICEW	25	6	1	Cu	25	
C35	NASA MDP-A	AC CRAC ATS 3	4C PVC PVC SWA PVC	23	16	1	Cu	23	Black ICEW	23	6	1	Cu	23	
C36	NASA MDP-B	AC CRAC ATS 1	4C PVC PVC SWA PVC	15	16	1	Cu	15	Black ICEW	15	6	1	Cu	15	
C37	NASA MDP-B	AC CRAC ATS 2	4C PVC PVC SWA PVC	25	16	1	Cu	25	Black ICEW	25	6	1	Cu	25	
C38	NASA MDP-B	AC CRAC ATS 3	4C PVC PVC SWA PVC	23	16	1	Cu	23	Black ICEW	23	6	1	Cu	23	
C39	NASA MDP-A	DB-NER A-SUPPLY (NASA EQUIPMENT ROOM)	4C PVC PVC SWA PVC	5	4	1	Cu	5	Black ICEW	5	4	1	Cu	5	
C40	NASA MDP-A	NASA DB-UPS-A	4C PVC PVC SWA PVC	3	35	1	Cu	3	Black ICEW	3	16	1	Cu	3	
C41	NASA DB-UPS-A	NASA DB-UPS-B	4C PVC PVC SWA PVC	10	35	1	Cu	10	Black ICEW	10	16	1	Cu	10	
C42	NASA MDP-A	NASA UPS-A	4C PVC PVC SWA PVC	16	35	1	Cu	16	Black ICEW	16	16	1	Cu	16	
C43	NASA UPS-A	NASA MDP-A	4C PVC PVC SWA PVC	16	35	1	Cu	16	Black ICEW	16	16	1	Cu	16	
C44	NASA DB-UPS-A	NASA DB-UPS-B	4C PVC PVC SWA PVC	5	35	1	Cu	5	Black ICEW	5	16	1	Cu	5	
C45	NASA MDP-B	DB-NER B-SUPPLY (NASA EQUIPMENT ROOM)	4C PVC PVC SWA PVC	5	4	1	Cu	5	Black ICEW	5	4	1	Cu	5	
C46	NASA MDP-B	NASA DB-UPS-B	4C PVC PVC SWA PVC	3	35	1	Cu	3	Black ICEW	3	16	1	Cu	3	
C47	NASA DB-UPS-B	NASA UPS-B	4C PVC PVC SWA PVC	25	35	1	Cu	25	Black ICEW	25	16	1	Cu	25	
C48	NASA UPS-B	NASA DB-UPS-B	4C PVC PVC SWA PVC	25	35	1	Cu	25	Black ICEW	25	16	1	Cu	25	
C49	DB-SANSa-A	AC CRAC 1	4C PVC PVC SWA PVC	30	16	1	Cu	30	Black ICEW	30	6	1	Cu	30	
C50	DB-SANSa-A	AC CRAC 2	4C PVC PVC SWA PVC	30	16	1	Cu	30	Black ICEW	30	6	1	Cu	30	
C51	DB-SANSa-A	AC CRAC 3	4C PVC PVC SWA PVC	30	16	1	Cu	30	Black ICEW	30	6	1	Cu	30	
C52	DB-SANSa-A	SANSa 60KVA UPS	4C PVC PVC SWA PVC	12	35	1	Cu	12	Black ICEW	12	16	1	Cu	12	
C53	SANSa 60KVA UPS	DB-SANSa-A(U)	4C PVC PVC SWA PVC	12	35	1	Cu	12	Black ICEW	12	16	1	Cu	12	
C54	DB-SANSa-A	DB-SER (SANSa EQUIPMENT ROOM)	4C PVC PVC SWA PVC	5	16	1	Cu	5	Black ICEW	5	10	1	Cu	5	