ACTIVITY SCHEDULE

SCOPE OF WORK FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF AIR-CONDITIONING UNITS ACROSS VARIOUS TRANSNET ENGINEERING PLANT (CAPE-CORRIDO, CONTAINER CORRIDO, KOEDOESPOORT, NORTHEAST CORRIDO, IRON ORE CORRIDO AND DURBAN PLANT)

Item	Site / Workstream	Location / Deliverable	Capacity / Rating	Type / Unit	Qty	Included installation / Scope	Unit Cost (R)	Total Cost (R)
B1	Cape Corridor	Beaconsfield, Kimberley	18,000 BTU	Split	3	Complete supply, delivery, installation, testing, commissioning and handover; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B2	Container Corridor	Masons Mills, Bay Head, ELD and Wentworth	12,000 BTU	Split	7	Complete scope including specified anti-corrosion protection; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B3	Koedoespoort	Koedoespoort Main Plant	9,000 BTU	Split	1	Complete scope; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B4	Koedoespoort	Koedoespoort Main Plant	12,000 BTU	Split	1	Complete scope; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B5	Koedoespoort	Koedoespoort Main Plant	18,000 BTU	Split	2	Complete scope; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B6	Northeast Corridor	Komatipoort	12,000 BTU	Inverter split	2	New pipes and communication cables, full UV-resistant insulation, 2 remotes/unit; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B7	Ore Corridor	Saldanha and Sishen	18,000 BTU	Split	9	Complete scope including specified anti-corrosion protection; 10 m pipe, 20 m cable, C/B + isolator, 20 m trunking		
B8.1	Umbilo ELD	ELD Boardroom	48000 BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.2	Umbilo ELD	LBM Office - Mr Zulu	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.3	Umbilo ELD	PCO Office - Planners	48000 BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.4	Umbilo ELD	Senior Manager Office - Zweli Mthembu	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.5	Umbilo ELD	Customer Service Manager - Siyabonga Khanyile	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.6	Umbilo ELD	PCM Office - Scelo Shabalala	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.7	Umbilo ELD	Quality Manager Office - Slindo Office	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.8	Umbilo ELD	Engineering Technician Office - Patrick Office	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.9	Umbilo ELD	HR Office - Simon Manzini	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.10	Umbilo ELD	Logistics Manager Office	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.11	Bayhead Wagons	Operations Manager Office - Magubane	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.12	Bayhead Wagons	Quality Assurer Office - Zandile Ndlovu	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.13	Bayhead Wagons	PEMM Superintendent Office	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.14	Bayhead	Clerk Office - Zodwa Ngubane	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.15	Bayhead Wagons	Logistics Office - Nombulelo and Andile	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.16	Bayhead	LBM Office - Vishal Mohunlal	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.17	Bayhead	Business Secretary - Karishma	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.18	Bayhead	Warehouse Office - Mam Ngcongo	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.19	Bayhead Wagons	Planning Office - Mlungisi Masengemu	12000 BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.20	Bayhead	Planning Office - Mandla Langa	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		

Item	Site / Workstream	Location / Deliverable	Capacity / Rating	Type / Unit	Qty	Included installation / Scope	Unit Cost (R)	Total Cost (R)
B8.21	Bayhead	Planning Office - Mzamo Ncwane	12,000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.22	Bayhead Wagons	Maintenance Engineering - Nana Zondi	12000 BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.23	Bayhead Wagons	Warehouse Rubber Room	12000 BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.24	RSE	Bay 61 (Shezi Fabrication office)	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.25	RSE	Bay 61 (Shaik's Fabrication office)	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.26	RSE	Bay 59 Quality Fabrication Office (Steven)	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.27	RSE	Bay 61 Ndabezitha Fabrication office no.5	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.28	RSE	Bay 61 Sthe office Fabrication	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.29	RSE	Bay 58 Sandile's Fabrication Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.30	Wheelshop	A16 Board room	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.31	Wheelshop	Bay 10 Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.32	Wheelshop	Bay 10 Workshop	48000BTU	Under-ceiling	4	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.33	Wheelshop	A16 Board room	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.34	Wheelshop	Bay 51 Quality Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.35	Wheelshop	Bay 2 Supervisor office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.36	Ports 8216	Lindiwe Bay 45 Pott Hauler	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.37	Ports 1506	Konelo Bay 25	9000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.38	Ports 1506	Bhekani Mlangeni Bay 45	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.39	Ports 1506/8216	Nonhnanhla Bay 46	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.40	Ports 1506/8216	Eric Biyela Bay 25	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.41	Ports 1506/8216	Madgid Bay 45 Store	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.42	Maritme Business	Maritme Boardroom	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.43	RSE Springs 2406	Essa Bay 58 office no.9	9000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.44	RSE Springs 2407	Mandla's Office Bay 66	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.45	RSE Springs 2408	Mokhele's Office Bay 58	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.46	RSE Springs 2409	Simphiwe office Bay 58	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.47	RSE Springs 2410	Mthembu bay 58	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.48	RM Modernization	Main motor supervisor's office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.49	RM Modernization	Armature shop supervisor's office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.50	RM Modernization	Store supervisor office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.51	RM Modernization	6E MA Test Bay	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.52	RM Modernization	S & D office	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.53	RM Modernization	LBM office Siza	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.54	RM Modernization	RM Boardroom	48000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.55	PEMM	Ephraim Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.56	PEMM	Vishay Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.57	PEMM	Cecilia Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.58	PEMM	Store office	48000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		

Item	Site / Workstream	Location / Deliverable	Capacity / Rating	Type / Unit	Qty	Included installation / Scope	Unit Cost (R)	Total Cost (R)
B8.59	PEMM	Gugu office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.60	Assets	Recreation Hall	48000BTU	Under-ceiling	2	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.61	Assets	Wellness Centre	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.62	Assets	Shunting Mess room	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.63	Assets	ITC office	48000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.64	Wagons	Bay33 sabelos office	9000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.65	Wagons	BAY 36 MADONDOS Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.66	Wagons	BAY 36 Xolani's Office	9000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.67	Wagons	BAY 38 SNES OFFICE	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.68	Wagons	BAY 38 MADLALA	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.69	Wagons	BAY 36 AMANDA	9000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.70	Wagons	Nzama LBM Office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.71	Wagons	Wagons Boardroom	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.72	CNR Locos	Bay 6 – Slie's office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.73	CNR Locos	Bay 7 – Zulu's office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.74	CNR Locos	Bay 19 – receiving office	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.75	CNR Locos	A39 – log office (upstairs)	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.76	CNR Locos	A4 Admin office no.2	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.77	CNR Locos	A4 Admin office no.5	12000BTU	Split	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.78	PD locos	Metrology	48000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.79	PD locos	Metrology	12000BTU	Under-ceiling	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
B8.80	PEMM	DBN Main center Canteen	105000 BTU	Ceiling -duct – type MPS Variable inverter technology	1	10 m pipe; 20 m cable; C/B + isolator; 20 m trunking		
C1	Additional work	Insulated refrigerant pipe pair beyond scheduled run	As required	m	10	Fittings, UV-resistant insulation and supports		
C2	Additional work	Electrical cable and containment beyond scheduled run	Correctly sized	m	10	Terminations, containment and identification		
C3	Additional work	Condensate drain pipe and supports	As required	m	10	Fittings, supports and drainage test		
C4	Additional work	UV-resistant trunking	As required	m	10	Complete installed rate		
C5	Additional work	Weatherproof local isolator	Correct rating/IP	EA	5	Supply, install, terminate, label and test		
C6	Additional work	Dedicated circuit breaker and DB modification	Correct rating	EA	5	Installation, testing, labelling and DB schedule update		
C7	Additional work	Core drilling / wall penetration	As required	EA	10	Weatherproof sealing and making good		
C8	Additional work	Wall bracket or floor support frame	Galvanised/coated	EA	10	Complete installed support suitable for environment		
C9	Additional work	Refrigerant recovery	Per instruction	Sum	1	Recovery record and lawful handling by registered practitioner		
C10	Additional work	Removal and disposal/recycling of redundant units	Per unit	EA	20	Removal, transport and waste documentation		
C11	Additional work	Access equipment / mobile scaffold	Certified	Sum	1	Certified equipment and competent operator where instructed		
C12	Additional work	After-hours or shutdown attendance	As instructed	Sum	1	State labour-category and attendance assumptions		
A1	Project-wide	Transport, delivery, off-loading and protected storage	N/A	Sum	1	Multi-site logistics and protected storage		

Item	Site / Workstream	Location / Deliverable	Capacity / Rating	Type / Unit	Qty	Included installation / Scope	Unit Cost (R)	Total Cost (R)
A2.1	Close-out	Operating and maintenance manuals	N/A	Sum	1	Complete accepted O&M manuals		
A2.2	Close-out	As-built schedules and drawings	N/A	Sum	1	Complete accepted as-built records		
A2.3	Close-out	Electrical and refrigeration certificates	N/A	Sum	1	CoCs, refrigeration and commissioning certificates		
A2.4	Close-out	Training and attendance records	N/A	Session/site	1	End-user training and signed attendance records		
A2.5	Close-out	Environmental and waste close-out file	N/A	Sum	1	Waste, refrigerant recovery and environmental records		
A2.6	Close-out	Final commissioning and snag close-out	N/A	Sum	1	Accepted commissioning sheets and closed snag list		
A3	Compliance	Safety and environmental compliance	N/A	Sum	1	Plans, risk assessments, registers, inspections and close-out file		
							SUBTOTAL EXCLUDING VAT	
							VAT 15%	
							TOTAL INCLUDING VAT	

DOCUMENT AUTHORITIES

Role	Name	Designation	Signature	Date
Compiled by	Stanley Mchunu	Project Manager		13.10.2026
Reviewed by	Mzwenkosi Mapuko	Senior Project Manager		13.10.2026
Reviewed by	Silondile Mbele	Specialist - Environmental		13.10.2026
Approved by	Mhlonipheni Nxumalo	Executive Manager: FIM		13.10.2026

Commercial rules: Fixed B-items include a complete operational installation. C1-C12 are estimated quantities payable on actual measured quantities authorised in writing before execution. Base warranty obligations are included in unit rates. Payment for close-out items is subject to acceptance of each deliverable.