TECHNICAL EVALUATION CRITERIA

SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF AIR-CONDITIONING UNITS ACROSS TRANSNET ENGINEERING SITES

1. STAGE 1 - MANDATORY REQUIREMENTS

Bidders must submit all mandatory compliance evidence listed below. Stage 1 is evaluated on a pass/fail basis. Failure to submit a mandatory item, omission of a mandatory compliance response, expired evidence, or an unresolved material deviation will render the tender technically non-responsive and the bidder will not proceed to Stage 2. Every response must include an exact tender evidence reference.

No.	Mandatory requirement	Documents to be submitted
M1	Refrigeration gas practitioner	Valid SAQCC Gas / SARACCA Category B Refrigeration Practitioner Registration Certificate,
M2	Installation electrician competency	Trade qualification, applicable registration or authorisation, and signed availability confirmation for the named legally authorised electrical person who will supervise, test and certify the electrical installation work. Trade test certificate; applicable wireman's licence/registration;
M3	Completed compliance matrix	Completed and signed Compliance to Specification Matrix in Annexure D. Every specification clause and schedule requirement must be answered Comply Do Not Comply. An incomplete or unsupported Annexure D will render the tender technically non-responsive.

2. STAGE 2 - WEIGHTED TECHNICAL EVALUATION

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
1	**Project-Specific Methodology, Quality and Test Control** **Specification link: Clauses 2.1 to 5, installation, electrical and refrigeration testing, commissioning and close-out requirements.**	20	No methodology submitted, or the submission is generic and unrelated to the air-conditioning scope. = 0 Points	**0**	Submit a project-specific method statement, responsibility matrix, quality plan, preliminary inspection and test plan, risk register, technical submittal process and sample records. The submission must address site verification, equipment selection, deliveries, installation, electrical work, pipework, refrigerant handling and recovery, pressure and leak testing, evacuation, functional testing, commissioning, CoCs, training, warranties, as-builts, snag closure and handover.
			Methodology addresses supply and installation but omits several material controls, interfaces, tests or acceptance records. = 05 Points	5	
			Project-specific methodology covers site verification, procurement, installation, electrical and refrigeration testing, commissioning and handover with usable controls. = 10Points	**10**	
			Comprehensive, measurable and site-specific methodology covers all workstreams, interfaces, responsibilities, hold points, inspection and test records, refrigerant recovery, electrical CoC, environmental controls, training and close-out. = 20 Points	**20**	
2	**Technical Proposal, Equipment Selection and System Compatibility** **Specification link: Sections 2 and 3, equipment schedules and Annexure D; capacity, type, power supply, refrigerant, efficiency, sound, corrosion protection, controls, condensate drainage and installation interfaces.**	20	No technical proposal or equipment selection schedule is submitted, or the proposed solution is materially non-compliant with the specification. = 0 Points	**0**	Submit a project-specific technical proposal and equipment selection schedule for every required unit or location. State the offered manufacturer, model, cooling and heating capacity where applicable, power supply, running current or input power, energy efficiency, refrigerant type and charge, sound levels, dimensions, corrosion protection, controls, condensate arrangement and associated accessories. Include OEM data sheets, selection outputs or calculations, interface details, proposed deviations and exact cross-references to Annexure D. Proposed equivalents must be demonstrated as equal to or better than each specified requirement.
			A basic proposal and partial equipment schedule are submitted, but material selections, calculations, interfaces or compliance references are incomplete. = 8 Points	**8**	
			A complete proposal identifies the offered make and model for each scheduled unit and demonstrates compliant capacity, electrical supply, refrigerant, efficiency, sound, corrosion protection, controls and installation interfaces. = 14 Points	**14**	
			A comprehensive and fully coordinated technical proposal includes verified equipment selections, sizing or load basis, electrical demand, efficiency and sound data, refrigerant and environmental information, corrosion protection, controls compatibility, condensate disposal, installation details, deviations and exact Annexure D evidence references. = 20 Points	**20**	

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
3	**Company Relevant Experience Specification link: Complete scope, Annexures A and B, multi-unit or multi-site HVAC supply, installation, testing, commissioning and close-out.**	**20**	No acceptable comparable completed project reference is submitted. = 0 Points	**0**	Submit signed client reference letters. Each project must identify the scope, quantities or capacities, bidder role, commencement and completion dates, project value or scale and verifiable referee details. Comparable experience must include supply, installation, electrical and refrigeration work, testing, commissioning and handover. *Transnet reserve the right to verify the information submitted including site visit and interviews of referees*
			One acceptable completed HVAC supply and installation project is verified. = 8 Points	**8**	
			Two acceptable completed multi-unit HVAC installation, testing and handover projects are verified. = 14 Points	**14**	
			Three or more comparable completed multi-site or industrial HVAC projects, including electrical work, refrigeration, commissioning and close-out, are verified. = 20 Points	**20**	
4	**Product Compliance, Support and Lifecycle Specification link: Sections 2 and 3 and Annexures A and B; capacity, type, electrical, refrigerant, corrosion protection, efficiency, warranty and support requirements.**	**20**	No usable product data is submitted, or the offered equipment does not meet mandatory technical requirements. = 0 Points	**0**	Submit OEM data sheets, equipment selection schedules, efficiency and sound data, refrigerant details, corrosion coating information, warranties, and a South African service and spares support plan. Proposed equivalents must include a clause-by-clause technical comparison and evidence demonstrating equal or better performance for every specified requirement.
			Basic product data is submitted, but selections, corrosion protection, warranty or support evidence is incomplete. = 8 Points	**8**	
			Compliant unit selections and warranties are submitted with evidence of South African service and spares support. = 14 Points	**14**	
			Complete clause-by-clause compliance, verified selections, efficiency and sound data, corrosion protection system, warranties, local spares availability and escalation support are demonstrated. = 20 Points	**20**	
5	**Programme and Multi-Site Resource Deployment Specification link: Site schedules, procurement, access, installation, testing, commissioning and handover milestones.**	20	No programme is submitted, or the programme does not show an overall sequence. = 0 Points	**0**	Submit a Gantt chart or equivalent programme showing each site or work package, durations, dependencies, critical milestones, procurement and submittal dates, resource loading, access and shutdown assumptions, long-lead equipment, installation, testing, commissioning, training, documentation and handover. The programme must align with the pricing schedule and proposed personnel allocation.
			A high-level programme is submitted with limited site sequencing, dependencies or resource information. = 5 Points	**5**	
			A detailed programme covers survey, procurement, installation, testing and handover, but provides limited resource loading or access planning. = 10 Points	**10**	
			A fully integrated and resource-loaded programme is aligned to the pricing schedule and shows site sequencing, access and shutdown assumptions, long-lead items, dependencies, testing and handover milestones. = 20 Points	**20**	
Total Weighting		**100 Points**			
Threshold		**85 Points**			

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	Environmental: Specialist		13.10.2026
Approved by	Mhlonipheni Nxumalo	Executive Manager: FIM		13.10.2026

ANNEXURE D - COMPLIANCE TO SPECIFICATION MATRIX

Tenderers must complete every row. Responses must be limited to Comply or Do Not Comply.

Item / Clause No.	Specification requirement	Tenderer response (Comply or Do Not Comply)
D1	Scheduled unit type and required quantity	
D2	Cooling and heating capacity, where applicable	
D3	Power supply, input power, running current and electrical protection	
D4	Energy efficiency and performance data	
D5	Refrigerant type, charge and environmental compliance	
D6	Indoor and outdoor sound levels	
D7	Corrosion protection and suitability for the installation environment	
D8	Controls, remote operation and interface compatibility	
D9	Pipework, insulation, supports and penetrations	
D10	Condensate drainage and disposal arrangement	
D11	Electrical installation, testing and Certificate of Compliance	
D12	Refrigerant recovery, pressure testing, leak testing and evacuation	
D13	Commissioning, performance verification and acceptance records	
D14	Warranty, local technical support and spare-parts availability	
D15	Training, operating manuals, maintenance information and as-built records	
D16	Environmental controls, waste handling and disposal	
D17	Programme, site access, shutdowns and delivery assumptions	
D18	Proposed equivalents and clause-by-clause comparison	
D19	All deviations, exclusions and qualifications	
D20	Additional specification requirements not listed above	