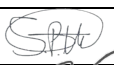
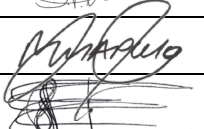


TECHNICAL EVALUATION CRITERIA – MANUFACTURE, SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF A NEW INDUSTRIAL VACUUM PUMP AND PIPING

Technical Adjudication Matrix (Total 100 Points)

category	criteria	Weights (Points)	Scoring Methodology	Evidence
Technical Compliance and Design	Pumping capacity: Verify the stated suction flow rate and ultimate vacuum pressure match your industrial process requirements. Motor and power specifications: Check the motor efficiency rating, voltage, frequency, and enclosure type. Checking the proposed power requirements as per scope. Material compatibility: Ensure pump wetted parts and piping materials resist your specific pumped gases and environment. Piping layout and sizing: Review the proposed pipe diameter, pressure drop calculations, and support framework to prevent cavitation or flow restriction.	50	50 points for all the points 0 Points for missing any item	The evidence required includes all the below items: 1. Datasheets including the proposed vacuum pump, manufacturer flow rates versus vacuum levels 2. Datasheets of the motor specifications, including attachment of the list or required power requirements to support the system. 3. General Arrangement Drawings: Detailed dimensional layouts of the pump skid and piping routes. 4. Material Certificates: Manufacture reports for piping, valves, and wetted pump parts. NOTE: Exclusion of one of the above will result to ZERO Points awarded
Qualifications of Key Personnel	ECSA registered Technician or Engineer responsible for the design, installation and commissioning.	10	10 points: When a relevant engineer or technologist is included. 0 Points: When a relevance engineer or Technologist in not included. *Note: Attachment should be as indicated in the evidence, else ZERO points will be issued.	The evidence includes the ECSA professional engineer or Technologist, CV and relevant Qualifications Note: The Three are required CV, Qualifications and the ECSA Professional Certificate
Execution, Testing, and Commissioning	Quality Management: Require relevant company ISO certification Execution plan: Detailed execution plan on how to conduct the entire project and list of documentation per phase. Testing and commission plan: Give a detailed plan of the testing and commissioning. Site Acceptance Testing: The plan on how to conduct a SAT and the list of documentation to be submitted.	20	20 points: When all FOUR activities are included. 15 points: When THREE activities are included. 10 points: When TWO activities are included. 5 points: When ONE activity in included 0 points: When none of the evidence are included.	The service provider shall indicate on the process of conducting the following activities and which certifications will be supplied. 1. Plan to conduct the execution and commissioning 2. Factory Acceptance Test (FAT): Certified baseline performance test results from the manufacturer. 3. Quality Approvals: Copies of ISO certifications and statutory safety compliances. 4. Method Statements: Step-by-step plans for on-site installation, pressure testing, and final commissioning.

Track Record and Experience	Similar projects: Proof of at least 4 successful installations of industrial vacuum systems in the last 10 years. Note: Similar projects include maintenance, repairs, design or supply and installation of Industrial vacuum systems. Team qualifications: Certified technicians and engineers assigned to installation and commissioning.	20	The scoring for the company's previous experience criteria will be based on the reference list (Annexure A) as stipulated in the Evidence section and the points will be allocated as below: 20 Points – FOUR similar projects in industrial vacuum system projects. 15 Points – THREE similar projects in industrial vacuum system projects 10 Points - TWO similar projects in industrial vacuum system projects 5 Points - ONE similar project in industrial vacuum system projects 0 Points - No submission *NOTE: Any scoring depends on this section depends on the contactable references. Transnet will attempt THREE times and with an email for confirmation, else no point will be allocated for that reference.	Client references: Contact details for previous clients with similar capacity systems. Note: The reference list must be completed in the format as represented under Annexure A of the technical evaluation criteria, failure to submit as per Annexure A format will results in Zero points allocation. *Note: Reference email shall be for company specific emails.
	TOTAL WEIGHING THRESHOLD	100 70		

Name	Designation	Signature	Date
Siyabonga Hlongwane	Technician In Training (TIT): FIM		31/07/2026
Mzwenkosi Mapuko	Senior Project Manager: FIM		31.07.2026
Sphamandla Mkhwanazi	Plant Engineer – Container Corridor: FIM		31/07/2026

Annexure A: Reference List Template

[illegible]