TECHNICAL EVALUATION CRITERIA

CONSTRUCTION OF THE FLOOD MITIGATION STRUCTURE ALONG MHLATHUZANA CANAL TRANSNET ENGINEERING DURBAN MAIN PLANT

1. STAGE 1 - MANDATORY CERTIFICATION AND ACCREDITATION

Bidders responding to this tender must submit the mandatory certification, registration and compliance evidence listed below. Failure to submit any applicable mandatory requirement will render the tender technically non-responsive and the bidder will not proceed to Stage 2.

No.	Mandatory requirement	Documents to be submitted
M1	Valid CIDB contractor grading designation of 7 CE or higher at tender closing.	Valid CIDB registration evidence showing Grade 7 CE or higher. Transnet may verify the grading in the CIDB Register of Contractors.
M2	Civil Engineer / Engineering Technologist professionally registered with ECSA and assigned responsibility for design verification, technical acceptance and professional sign-off.	Valid ECSA professional registration certificate with the name of the person that will be evaluated for experience under section 3.1 of the technical evaluation criteria. **Required Qualification:** BSc Eng (Civil), BEng (Civil), BTech Engineering (Civil), or Advanced Diploma in Civil Engineering. Must be professionally registered with ECSA
M3	Structural Engineer / Engineering Technologist professionally registered with ECSA and assigned responsibility for design verification, technical acceptance and professional sign-off.	Valid ECSA professional registration certificate with the name of the person that will be evaluated for experience under section 3.2 of the technical evaluation criteria. **Required Qualification:** BSc Eng (Civil/Structural), BEng (Civil/Structural), BTech Engineering (Structural), or Advanced Diploma in Civil Engineering. Must be professionally registered with ECSA.
M4	Geotechnical Engineer / Engineering Technologist professionally registered with ECSA and assigned responsibility for design verification, technical acceptance and professional sign-off.	Active registration with SACNASP (Pr. Sci. Nat.) or Valid ECSA professional registration certificate with the name of the person that will be evaluated for experience under section 3.3 of the technical evaluation criteria. **Required Qualification:** BSc Eng (Civil/Geotechnical), BEng (Civil/Geotechnical), BSc Geology, Engineering Geology, or equivalent qualification in geotechnical sciences. Must be professionally registered with ECSA or SACNASP
M5	Environmental Officer	Active registration with EAPASA or SACNASP (Pr.Sci Nat) with the name of the person that will be evaluated for experience under section 3.4 of the technical evaluation criteria. **NB:** EAPASA/SACNASP registration is attainable only by individuals with a minimum of three years' relevant experience in the applicable Natural Science field. **Required Qualification:** A Diploma in Environmental Management, Environmental Science, or a related Natural Science discipline. Must be registered with EAPASA or SACNASP
M6	A named Installation Electrician must be competent and legally authorized for the electrical installation and certification duties.	Trade test certificate together with valid wireman's license/registration; with the name of the person that will be evaluated for experience under section 3.5 of the technical evaluation criteria. **Required Qualification**: NQF Level 4 Electrical Trade Test Certificate (Electrician) and Installation Electrician registration.
M7	Construction Health and Safety Manager registered as candidate or professional with the South African Council for the Project and Construction Management Professions (SACPCMP), who will be responsible for ensuring compliance with all applicable occupational health and safety regulations and standards.	Active Registration Number of the SACPCMP certificate will be accepted with the name of the person that will be evaluated for experience under section 3.6 of the technical evaluation criteria. **Required Qualification:** National Diploma, Advanced Diploma, Degree or equivalent qualification in Occupational Health and Safety, Safety Management, Environmental Health, Construction Management, or related field. Must be registered with SACPCMP as a Candidate or Professional Construction Health and Safety Manager/Officer

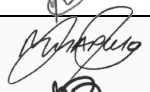
2. STAGE 2 - WEIGHTED TECHNICAL EVALUATION

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
1	**Execution Methodology and Work Control**	**10**	No methodology submitted, or submission is generic and does not address the flood-mitigation scope. = 0 Points	**0**	Submit a project-specific method statement describing execution of the complete Scope and Activity Schedule. Address the following **15 items**: **1**.Design verification and setting out; **2**.services proving; **3**.site establishment; **4**.existing-fence removal; **5**.earthworks, groundwater and temporary support; **6**.piling and pile testing; **7**.reinforced concrete; **8**.1 500 mm anti-climb fence with no gates; **9**.three-phase area lighting; underground feeder from the source approximately 30 m from the wall;**10**. underground distribution along the approximately 900 m wall; **11**.phase balancing across L1, L2 and L3; **12**.quality controls, ITP, environmental and canal protection;**13**. testing, commissioning, COC, as-builts,**14**. handover and **15**.defect close-out.
			Method statement addresses from 1 to 8 of the required scope activities and provides limited detail on execution methodology and controls. = 5 Points	**5**	
			Method statement addresses 9 to 14 fewer than all required scope activities, including the proposed execution methodology, sequencing and controls. = 7 Points	**7**	
			Method statement comprehensively addresses all (15) required scope activities, including execution methodology, sequencing, interfaces, quality controls, ITPs, environmental and canal protection measures, testing, commissioning, COC, as-builts, handover and defect close-out. = 10 Points	**10**	
2	**Project Programme, Resource Loading and Delivery Credibility**	**10**	No programme submitted, or programme is not project-specific and does not demonstrate logical sequencing, resource allocation and delivery planning. = 0 Points	**0**	Submit a detailed project programme/Gantt chart showing the **15** Items below **1**.mobilisation, **2**.design verification, **3**.approvals, **4**. procurement, **5**.site establishment, **6.**fence removal, **7**.services proving, **8**.earthworks, **9**.piling, **10**.concrete, **11**.fence, **12**.underground three-phase electrical installation, **13**.testing, commissioning, as-builts, snag closure and **14**.handover. **15**.Show durations, dependencies, critical path, milestones, resource loading, production assumptions, access constraints and contingencies.
			Programme adequately addresses **1 to 5** of the required scope activities and provides limited evidence of resource loading and delivery planning. = 3 Points	**3**	
			Programme adequately addresses **6 to 10** of the required scope activities and demonstrates sequencing, milestones and indicative resource allocation. = 5 Points	**5**	

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
			Programme adequately addresses **11 to 14** of the required scope activities and demonstrates logical sequencing, key milestones, critical activities and resource allocation for major work packages. = 7 Points	**7**	
			Programme comprehensively addresses **all 15 required scope activities**, demonstrates activity durations, critical path, milestones, resource loading, procurement lead times, testing, commissioning and handover requirements, and clearly demonstrates the bidder's ability to complete the works within the specified contract period. = 10 Points	**10**	
3	**Key Personnel Capacity and Relevant Experience Above Mandatory Minimum**		Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	In addition to Stage 1 evidence, submit CVs and confirmatory affidavits using Annexures A and B, a project organogram, responsibility matrix and resource schedule. Evidence must demonstrate relevant experience in flood mitigation, retaining or reinforced-concrete walls, piling, earthworks, temporary works, surveys, quality control, environmental management, and three-phase underground electrical and lighting installations. Mandatory registration itself does not attract duplicate weighted points.
			Limited additional capacity or experience demonstrated. = 7 Points	**7**	
			Adequate team with good relevant experience and credible allocation. = 14 Points	**14**	
3.1	Civil Engineer	**20**	Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 20 Points	**20**	
3.2	Structural Engineer	**20**	Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	
			Limited additional capacity or experience demonstrated. = 7 Points	**7**	
			Adequate team with good relevant experience and credible allocation. = 14 Points	**14**	
			Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 20 Points	**20**	
3.3	Geotechnical Engineer	**10**	Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
			Limited additional capacity or experience demonstrated. = 5 Points	**5**	
			Adequate team with good relevant experience and credible allocation. = 7 Points	**7**	
			Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 10 Points	**10**	
3.4	Environmental Officer	**10**	Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	
			Limited additional capacity or relevant experience demonstrated. =5 Points	**5**	
			Adequate team with good relevant experience and credible allocation. = 7 Points	**7**	
			Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 10 Points	**10**	
3.5	Electrician wireman's	5	Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	
			Limited additional capacity or relevant experience demonstrated. =3 Points	**3**	
			Adequate team with good relevant experience and credible allocation. = 4 Points	**4**	
			Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 5 Points	**5**	
3.6	Construction Health and Safety Manager	5	Only mandatory certificates are submitted with no evidence allowing assessment of capacity or relevant experience. = 0 Points	**0**	
			Limited additional capacity or relevant experience demonstrated. =3 Points	**3**	
			Adequate team with good relevant experience and credible allocation. = 4 Points	**4**	

No.	Criteria	Weight	Scoring Methodology	Sub scoring	Evidence to be Submitted / Evaluation Requirements
			Strong, well-balanced team with substantial relevant experience, sufficient capacity and clear allocation to the programme. = 5 Points	**5**	
4	**Company Previous Experience**	10	No acceptable reference letters or completed reference list submitted. = 0 Points	**0**	Submit signed client reference letters . Comparable projects must demonstrate completed reinforced-concrete walls, retaining walls or flood-mitigation structures incorporating material civil works such as earthworks, piling, reinforced concrete, fencing, electrical integration, testing and handover. Each reference must include client name, scope, bidder role, contract reference, commencement and completion dates, project value or scale, completion evidence and verifiable client contact details. Transnet Engineering may verify submitted information.
			One acceptable comparable completed project. = 5 Points	**5**	
			Two acceptable comparable completed projects. = 7 Points	**7**	
			Three or more acceptable comparable completed projects. = 10 Points	**10**	
Total Weighting		**100 Points**			
Threshold		**80 Points**			

Role	Name	Designation	Signature	Date
Compiled by	Stanley Mchunu	Project Manager		15.10.2026
Reviewed by	Mzwenkosi Mapuko	Senior Project Manager		15.10.2026
Reviewed by	Similo Mthembu	Manager: Safety		15.10.2026
Reviewed by	Silondile Mbele	Specialist - Environmental		15.10.2026
Approved by	Mhlonipheni Nxumalo	Executive Manager: FIM		15.10.2026

ANNEXURE A - CURRICULUM VITAE TEMPLATE

Name:

ID Number:

Profession and proposed project role:

Education / Qualifications:

Professional registration and status:

Nationality:

Membership of Professional Organisations:

Contact number:

Employment Record	Details
Period (including dates): Employer: Position held: Summary: Reference contact number:	
Period (including dates): Employer: Position held: Summary: Reference contact number:	
Period (including dates): Employer: Position held: Summary: Reference contact number:	
Experience Record for Related Work	**Details**
Name of assignment or project: Year: Location: Client: Main project scope: Position held: Activities performed:	

ANNEXURE B - EMPLOYMENT CONFIRMATORY AFFIDAVIT

I, _____ (full names),

ID Number: _____,

hereby confirm that the employment and project information contained in my submitted curriculum vitae is true and correct and that I have been / am currently employed at the companies stated therein.

Tendering Company Name: _____

Signature of Employee: _____ Date: _____

Sworn to / Affirmed before me at _____ on this _____ day of _____ 20____.

Commissioner of Oaths / Justice of the Peace: _____

Signature and Stamp: _____