SUMMARY OF COSTS

Construction of Flood Mitigation Structure Along Mhlathuzana Canal | PPA-124092

Schedule	Description	Amount (R)
1	01 P&G	
2	02 Site & Fence Removal	
3	03 Earthworks	
4	04 Piling	
5	05 Concrete	
6	06 New Fence	
7	07 Electrical	
8	08 Handover	
	SUBTOTAL BEFORE CONTINGENCY	**R**
	CONTINGENCY	**R**
	SUBTOTAL EXCLUDING VAT	**R**
	VAT	**R**
	TOTAL INCLUDING VAT	**R**

Project Manager

Stanley Mchunu

15/09/2026



Executive Manager

Mhloniphe Nxumalo

15/09/2026



SECTION 1 - PRELIMINARIES AND GENERAL

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
1.1.1	SOW-009	Scope 3, 6, 13	Contractual requirements, permits, insurances, bonds and general fixed obligations	sum	1.00		
1.1.2	SOW-008	Scope 6, 14	Establishment of facilities on Site, including access control, offices, storage, ablutions and signboard	sum	1.00		
1.1.3	SOW-007	Scope 12, 15	Project quality plan, inspection and test plans, document control and quality records	sum	1.00		
1.1.4	SOW-009	Scope 13	Health, safety and environmental fixed obligations, plans, mobilization and appointments	sum	1.00		
1.1.5	SOW-003	Scope 6, 7.1	Pre-condition survey and photographic record of adjacent assets and existing fence	sum	1.00		
1.1.6	SOW-001	Scope 6, 15.1	Survey setting out and Contractor as-built survey obligations	sum	1.00		
1.1.7	SOW-008	Scope 15	Removal of site establishment and final Site clearance	sum	1.00		
1.2.1	SOW-008	Scope 14	Time-related contractual requirements	sum	1.00		
1.2.2	SOW-008	Scope 14	Operation and maintenance of Contractor facilities	sum	1.00		
1.2.3	SOW-009	Scope 13, 14	Time-related health, safety and environmental management	sum	1.00		
1.2.4	SOW-008	Scope 14	Supervision, company overheads and other time-related obligations	sum	1.00		
1.3.1	SOW-007	Scope 12	Additional tests instructed outside the specified contractual test regime	sum	1.00		
1.3.2	SOW-007	Scope 16	Contractor mark-up and attendance on additional tests	%			
1.4.1	SOW-001	Scope 16	Independent engineering survey control instructed by Employer	sum	1.00		
1.4.2	SOW-009	Scope 13, 16	Employer-instructed Construction Health and Safety Agent audits	sum	1.00		
1.5.1	SOW-008	Scope 13, 14	Traffic, access and operational-interface management	sum	1.00		
1.5.2	SOW-5.1	Scope 5.1	Geotechnical Verification	sum	1.00		
1.5.3	SOW-6	Scope 6	Authorisations or Licences (for potential EIA)	sum	1.00		
						SECTION TOTAL	**R**

SECTION 2 - SITE CLEARANCE AND EXISTING FENCE

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
2.1.1	SOW-003	Scope 7.1	Measured condition survey of existing fence before removal	m	500.00		
2.1.2	SOW-003	Scope 7.1	Carefully dismantle existing perimeter fence for reuse	m	500.00		
2.1.3	SOW-003	Scope 7.1	Label, stack and store reusable fence components	m	500.00		
2.1.4	SOW-003	Scope 7.1	Transport reusable fence within Durban Main Centre	m	500.00		
2.1.5	SOW-003	Scope 7.1	Reinstall existing fence at instructed locations	m	500.00		
2.1.6	SOW-003	Scope 7.1	Dispose of unusable fence at approved facility	Item	1.00		
2.2.1	SOW-001	Scope 7.1	Clear and grub working area to 0.1 m depth	ha	0.50		
2.2.2	SOW-001	Scope 7.1, 7.3	Load, haul and dispose of vegetation and debris at approved facility	m3	1,000.00		
						SECTION TOTAL	**R**

SECTION 3 - BULK EARTHWORKS

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
3.1.1	SOW-001	Scope 7.3 / Civil drawings	Excavate in soft material and use for fill or dispose as instructed	m3	5,000.00		
3.2.1	SOW-001	Scope 5.1, 7.3 / Geotech	Extra over excavation in intermediate material	m3	500.00		
3.2.2	SOW-001	Scope 5.1, 7.3 / Geotech	Extra over excavation in hard rock	m3	100.00		
3.3.1	SOW-001	Scope 7.3 / Geotech	Keep excavations free of water	item	1.00		
3.3.2	SOW-001	Scope 7.3 / Geotech	Temporary lateral support to excavations	item	1.00		
3.4.1	SOW-001	Scope 7.3	Import G7 material, place and compact to 97% Mod AASHTO	m3	4,500.00		
3.4.2	SOW-007	Scope 7.4, 12	Compaction testing of imported and placed material	No	30.00		
3.5.1	SOW-001	Scope 7.2	Proof and protect existing services in excavation zones	item	1.00		
						SECTION TOTAL	**R**

SECTION 4 - PILING

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
4.1	SOW-004	Scope 8 / Pile drawings	Establish and de-establish piling plant	sum	1.00		
4.2	SOW-004	Scope 4, 8 / Pile drawings	Move equipment and set up at each pile position	No	150.00		
4.3	SOW-004	Scope 8	Piling plant standing time when instructed	h	40.00		
4.4.1	SOW-004	Scope 8 / Geotech	Auger or bore pile holes, diameter per final design, depth up to 5 m	m	50.00		
4.4.2	SOW-004	Scope 8 / Geotech	Auger or bore pile holes, over 5 m up to 10 m	m	1,400.00		
4.4.3	SOW-004	Scope 8 / Geotech	Auger or bore pile holes, over 10 m up to 15 m	m	50.00		
4.4.4	SOW-004	Scope 8 / Geotech	Auger or bore pile holes, over 15 m	m	20.00		
4.5.1	SOW-004	Scope 8 / Pile drawings	Mild steel reinforcement in cast-in-situ piles	t	3.00		
4.5.2	SOW-004	Scope 8 / Pile drawings	High tensile steel reinforcement in cast-in-situ piles	t	65.00		
4.6.1	SOW-004	Scope 9.2 / Pile drawings	30 MPa concrete in cast-in-situ piles	m3	100.00		
4.7.1	SOW-004	Scope 8	Trim piles to approved cut-off level	No	150.00		
4.8.1	SOW-004	Scope 8, 12	Pile integrity testing	Item	1.00		
4.8.2	SOW-004	Scope 8, 12	Pile load testing	Item	1.00		

SECTION 5 - STRUCTURAL CONCRETE

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
5.1.1	SOW-001	Scope 9.2 / Structural drawings	50 mm blinding concrete to foundation trenches, 10Mpa	m2	5,500.00		
5.1.2	SOW-001	Scope 9.2 / Structural drawings	30 MPa, 19 mm aggregate structural concrete	m3	2,000.00		
5.2.1	SOW-001	Scope 9 / Structural drawings	Rough formwork	m2	900.00		
5.2.2	SOW-001	Scope 9 / Structural drawings	Smooth off-shutter formwork	m2	5,200.00		
5.2.3	SOW-001	Scope 9 / Structural drawings	Formwork to narrow widths up to 300 mm	m	2,000.00		
5.3.1	SOW-001	Scope 9 / Structural drawings	Mild steel reinforcement	t	50.00		
5.3.2	SOW-001	Scope 9 / Structural drawings	High tensile steel reinforcement	t	250.00		
5.4.1	SOW-001	Scope 9.4 / Structural drawings	Expansion joints, approved width and complete joint system	m	600.00		
5.5.1	SOW-007	Scope 9.3, 12	Concrete cubes and specified routine testing	set	30.00		
5.5.2	SOW-007	Scope 9.4, 15	As-built wall alignment and crest-level survey	item	1.00		
						SECTION TOTAL	**R**

SECTION 6 - NEW ANTI-CLIMB FENCE

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
6.1.1	SOW-005	Scope 10 / Final fence drawing	Supply and install 1 500 mm high anti-climb welded-mesh fence above wall, complete	m	900.00		
6.1.4	SOW-005	Scope 10	Product samples, shop drawings and fixing calculations	item	1.00		
6.1.5	SOW-005	Scope 10.1, 15	Final fence inspection, snagging and handover records	item	1.00		
						SECTION TOTAL	**R**

SECTION 7 - ELECTRICAL AND AREA LIGHTING

Part C2: Pricing Data | Transnet Engineering | PPA-124092 | Revision 003

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R) - Bidder	Tendered Amount (R) - Bidder
7.1.1	SOW-006	Scope 11.5	Contractor three-phase electrical design, calculations, phase load schedule, IFC drawings and as-built drawings	sum	1		
7.1.2	SOW-006	Scope 11.2	200 W industrial LED floodlights, minimum IP66, complete with drivers and final connection tails	No	46		
7.1.3	SOW-006	Scope 11.2	Corrosion-resistant wall brackets, fixings and local junction arrangements	No	46		
7.2.1	SOW-006	Scope 11.3	Underground three-phase feeder cable from existing 400/230 V supply source to main lighting DB, complete	m	33		
7.2.2	SOW-006	Scope 11.3	Underground three-phase distribution cable along the wall length, complete	m	990		
7.2.3	SOW-006	Scope 11.3	Single-phase final-circuit cable from sectional distribution to luminaires, balanced across L1, L2 and L3	m	1012		
7.2.4	SOW-006	Scope 11.3	Underground trenching, bedding, marker tape, sleeves, ducts, draw pits, route markers, backfilling, compaction and reinstatement from source and along wall	m	1023		
7.2.5	SOW-006	Scope 11.3	Underground cable crossings and heavy-duty mechanical protection where required	item	1		
7.3.1	SOW-006	Scope 11.4	Main three-phase lighting DB, weatherproof, complete with main protection, SPD, contactors, phase indication and 20% spare capacity	No	1		
7.3.2	SOW-006	Scope 11.3-11.4	Sectional three-phase weatherproof lighting DBs or feeder pillars, complete	No	3		
7.3.3	SOW-006	Scope 11.4	Day/night photocell control sets with AUTO/OFF/MANUAL selector and contactors	No	4		
7.3.4	SOW-006	Scope 11.3-11.6	Phase identification, circuit labels, phase load schedule and final phase-balancing adjustment	sum	1		
7.4.1	SOW-006	Scope 11.4	Earthing, bonding, surge and lightning-protection system complete	sum	1		
7.5.1	SOW-006	Scope 11.6	Inspection, testing, commissioning, phase-sequence and phase-balance tests, COC and night lighting survey	sum	1		
7.5.2	SOW-006	Scope 11.6	Electrical O&M manuals, warranties, phase load schedules, circuit schedules and handover dossier	sum	1		
						SECTION TOTAL	**R**

SECTION 8 - COMPLETION, HANDOVER AND SUPPORTING RECORDS

Part C2: Pricing Data | Transnet Engineering | PPA-124092

Item	Scope ID	Drawing / Scope Ref.	Description	Unit	Qty	Rate (R)	Tendered Amount (R)
8.1.1	SOW-007	Scope 15.1	Indexed quality dossier and NCR close-out register	item	1.00		
8.1.2	SOW-004	Scope 15.1	Pile dossier and as-built pile schedule	item	1.00		
8.1.3	SOW-001	Scope 15.1	Concrete dossier, test results and remedial records	item	1.00		
8.1.4	SOW-005	Scope 15.1	Fence product, coating and installation records	item	1.00		
8.1.5	SOW-008	Scope 15.2	Final snag correction, cleaning and Site reinstatement	item	1.00		
8.1.6	SOW-008	Scope 15.1	Operation and maintenance information and warranties	item	1.00		
						SECTION TOTAL	**R**