



**PROCUREMENT OF A SERVICE PROVIDER:
THE REPAIR AND REFURBISHMENT OF
TSHIAME WASTEWATER TREATMENT WORKS**

BID NO: SCM/BID33/2025/2026

Annexure E: Tender Drawing Register

Drawing Number	Description	Rev
	Civil Works - Drawings (Includes Civil & Structural Drawings)	
10909001 - 0103	General Layout: Outfall Protection	T1
10909001 - 0104	General Site Layout: Refurbishment Option "A Plus"	T1
10909001 - 0105	Inlet Works Layout: Proposed Refurbishment & Alterations (Option A-Plus)	T1
10909001 - 0106	Inlet Works Refurbishment: Geometric Layout	T1
10909001 - 0112	Site Layout: Replacement Security Fence & Coordinates	T1
10909001 - 0115	Sewer Manhole - Point Sketches, Sheet 1 of 3	T1
10909001 - 0116	Sewer Manhole - Point Sketches, Sheet 2 of 3	T1
10909001 - 0117	Sewer Manhole - Point Sketches, Sheet 3 of 3	T1
10909001 - 0118	All Services Layout: Existing & Proposed Works	T1
10909001 - 0119	Sewer Layout: Existing and Proposed Works	T1
10909001 - 0120	Details: Biofilter Refurbishment Detail	T1
10909001 - 0121	Bio-filter Inlet Tank (old Siphon Tank) - Refurbishment	T1
10909001 - 0185	Existing Aeration Tank Layout and Sections (RECORD DRAWING)	Z
10909001 - 0186	Existing Clarification Tank Layout and Sections (RECORD DRAWING)	Z
10909001 - 0300	Reconstructed Internal Gravel Roads & Stormwater Layout	T1
10909001 - 0421	Inlet Works Layout: Proposed Electrical & Signal Cable Ducts (Sheet 1) Design drawing for TENDER	A
10909001 - 0422	Central Works Layout: Proposed Electrical & Signal Cable Ducts (Sheet 2) Design drawing for TENDER	A
10909001 - 0423	Ponds & Discharge: Proposed Electrical & Signal Cable Ducts (Sheet 3) Design drawing for TENDER	A
10909001 - 0425	Cable Duct & Cable Draw Pit - Details	T1
10909001 - 0500	Inlet Works Building Refurbishment: Plan & Sections	T1
10909001 - 0501	Inlet Works: Screenings Area: Replacement Roof Layout & Detail	T1
10909001 - 0502	Inlet Works: Screenings Area: Replacement Roof, Structural Detail	T1
10909001 - 0504	New Security Office Building	T1
10909001 - 0505	Refurbishment Layout: Main MCC Plant & Office Buildings	T1
10909001 - 0509	Chlorination Room Refurb & Proposed Store Room Replacement	T1
10909001 - 0513	Imhoff Tank - Refurbishment, Layout & Sections	T1
10909001 - 0516	Typical Detail: Replacement Haind-railings	T1
10909001 - 0518	Project Signboard	T1
10909001 - 0528	BNRAS Effluent Launder & WAS Chamber - Refurbishment	T1
10909001 - 0529	RAS Chamber - Refurbishment	T1
10909001 - 0534	Inlet Works: New Vortex-Type Grit Removal Tanks	T1
10909001 - 0542	Bio-filter Inlet Tank (Old Siphon Tank), Layout Plan & Sections: Refurbishment	T1
10909001 - 0546	Biofilter Refurbishment Detail	T1
10909001 - 0555	BNRAS: Inlet Flow Meter Arrangement	T1
10909001 - 0556	Flow Meter to Discharge (Pond 3: V-Notch Flow Meter)	T1
10909001 - 0575	General Layout: Replacement Transformer with Building Enclosure	T1
10909001 - 0585	New Sludge Drying Beds: General Layout and Sections	T1
10909001 - 0586	Compost Processing Area, General Layout & Sections	T1
10909001 - 0589	Security Fence Type 1: Concrete Palisade Detail	T1
10909001 - 0590	Security Fence Type 2: Welded Mesh Detail	T1
10909001 - 0591	Security Fence Gate System	T1
10909001 - 0595	General Layout: 300 KVA Generator	A
10909001 - 0596	Water Re-Use Abstraction Layout & Detail	T1

Drawing Number	Description	Rev
	Mechanical Works - Drawings (Includes Mechanical & Process Drawings)	
	Mechanical Drawings	
10909001-6001	HAND RAKE SCREEN INSTALLATION DETAILS	T1
10909001-6002	MECHANICAL SCREEN INSTALLATION DETAILS	T1
10909001-6003	HYDRO-COVEYOR & IMPACT SCREW COMPACTOR INSTALLATION DETAILS	T1
10909001-6004	GRIT CLASSIFIER DETAILS	T1
10909001-6005	LOW SPEED MIXER INSTALLATION DETAILS	T1
10909001-6006	AERATOR INSTALLATION DETAILS	T1
10909001-6007	SECONDARY SETTLING TANK V-NOTCH WEIR	T1
10909001-6008-01	BIOFILTER DISTRIBUTION ARM LAYOUT	T1
10909001-6008-02	BIOFILTER DISTRIBUTION ARMS	T1
10909001-6009	TELESCOPIC VALVE INSTALLATION DETAILS	T1
10909001-6010	RAS PIPEWORK	T1
10909001-6011	WAS PIPEWORK	T1
10909001-6012-01	RE-USE PIPEWORK	T1
10909001-6012-02	RE-USE PIPEWORK	T1
10909001-6013	SLUDGE DRYING BEDS PIPEWORK	T1
10909001-6014-01	GRIT PUMPS SUCTION AND DISCHARGE PIPEWORK	T1
10909001-6014-02	GRIT PUMPS SUCTION AND DISCHARGE PIPEWORK	T1
10909001-6014-03	GRIT PUMPS SUCTION AND DISCHARGE PIPEWORK	T1
10909001-6015	BAFFLE PLATE INSTALLATION DETAILS	T1
10909001-6016	LOW SPEED MIXER BAFFLE PLATE INSTALLATION DETAILS	T1
	Process Drawings	
10909001-7000	Process and Instrumentation: Legend	T1
10909001-7001	Process and Instrumentation Diagram: Head of Works	T1
10909001-7002	Process and Instrumentation Diagram: Imhoff Tanks	T1
10909001-7003	Process and Instrumentation Diagram: Biofilter	T1
10909001-7004	Process and Instrumentation Diagram: BNRAS	T1
10909001-7005	Process and Instrumentation Diagram: Secondary Settling Tank	T1
10909001-7006	Process and Instrumentation Diagram: Maturation Ponds	T1
10909001-7007	Process and Instrumentation Diagram: Chlorine Contact Channel	T1
10909001-7008	Process and Instrumentation Diagram: Process Flow Diagram: Existing	T1
10909001-7009	Process Flow Diagram: Reconfigured A-Plus Option	T1
10909001-7010	Piping & Instrumentation Diagram: Drying Beds	T1
10909001-7012	Piping & Instrumentation Diagram: WAS Pump System	T1
10909001-7018	P&ID Signal Diagrams, Notes & Details: Part 1	T1
10909001-7019	P&ID Signal Diagrams, Notes & Details: Part 2	T1
10909001-7020	P&ID Signal Diagrams, Notes & Details: Part 3	T1
10909001-7021	P&ID Signal Diagrams, Notes & Details: Part 4	T1
10909001-7022	P&ID Signal Diagrams, Notes & Details: Part 5	T1

Drawing Number	Description	Rev
	Electrical Works - Drawings (Includes Electrical & Electronic Drawings)	
	Electrical Drawings	
10909001-3004	Electrical SLD: 400V Distribution 1	C
10909001-3005	Electrical SLD: 400V Distribution 2	T1
10909001-3006	Cable Termination Onto Overhead Line with Fuse Cut-out Assembly, General Arrangement	T1
10909001-3007	Tshiame Street & Area Lighting	T1
10909001-3008	MCC Room & Office General Layout	T1
10909001-3009	MCC Panels General Arrangement	T1
D-DT-0860	Tshiame WWTW - 400 kVA, 11 KV Type A Mini-Sub Detail (Hand Mark-Up, Rev R1)	T1
	Electronic Drawings	
10909001-8000	Note 1: Mechanical Screens	T1
10909001-8001	Note 2: Inlet Works: Wash-Compactor	T1
10909001-8002	Note 3: Inlet Works: Wash-water Booster Pump	T1
10909001-8003	Note 4: Inlet Works: Vortex degritter Paddle Stirrer	T1
10909001-8004	Note 5 & 6: Inlet Works: Grit Pumps & Grit Classifier	T1
10909001-8005	Note 7 & 8: BNRAS: Mixers & Surface Aerators	T1
10909001-8006	Note 11: Secondary Settling Tank Bridge Motor	T1
10909001-8007	Note 12: Return Activated Sludge Pump	T1
10909001-8008	Note 13: Water Re-Use Pump	T1