MINUTES: BRIEFING HELD ON TUESDAY AT 10H00
AT TE CAMBRIDGE, EAST LONDEN
FOR THE:
THE DESIGN, INSTALLATION AND COMMISSIONING OF AN EFFLUENT TREATMENT PLANT FOR THE BELLVILLE, SALDANHA, CAMBRIDGE AND SWARTKOPS, LOCOMOTIVE DEPOTS, TEN (10) MONTHS

TE/2025/05/0003/96000/RFP-TE25-SRX-1FG-14198

PLEASE SEE ATTENDANCE REGISTER ATTACHED
FACILITATOR: Naomi Jordaan

APOLOGIES:

none		

ABSENT:

none		

MINUTES:

	ITEM	DATE	RESP.
1.	**WELCOME AND APOLOGIES**		
	Naomi welcomed everyone present. Mara Lufuta did the safety briefing	27.05. 2025 27.05. 2025	SCM Superintendent • Mainten& Service
2.	**COMMERCIAL**		
2.1	The following information was shared with potential suppliers: a) Closing dates and time of the tender. b) Returnable essential documents and mandatory returnable documents c) RFQ Template explained d) Cidb rating communicated e) Specific goals	**27.05. 2025**	SCM

	f) Cut off date and time for communication has been communicated: 06 June 2025 @ 18h00 g) Scope of requirements h) Specification	**27.05. 2025**	Qaasim Soeker
3.	**Scope of Work** QS went through the specification and the following were agreed on: **BELLVELLE:** **1. INTRODUCTION** This specification outlines the design, supply, construction, and commissioning of the upgraded Effluent Treatment Plant (ETP) at the Bellville Locomotive Depot. The system must be automated and integrated to allow for remote monitoring via computer or mobile devices. Alarms must automatically notify designated personnel of faults or abnormal conditions. Lighting must be installed for nighttime visibility, and all work must adhere to the applicable South African National Standards. **2. GENERAL REQUIREMENTS** • All electrical work must be done by qualified electricians and certified with a Certificate of Compliance (CoC). • Site must remain tidy and be restored after completion. • All materials must be new, of high quality, and appropriate for site conditions. • Final installation must be capable of fully automated operation, with integrated alert/alarm systems. • Allowance must be made for all design drawings and supporting documentation. **3. SCOPE OF WORK SUMMARY** **3.1 Civil Works**		**Qaasim Soeker**

	• Seal 26m² of existing outer bund wall brickwork with cementitious waterproofing slurry. • Disconnect and later reinstall existing electrical plug and housing box. • Trace, expose, and relocate 2x main effluent inlet pipes to accommodate bund wall construction. • Construct 100mm wide concrete outer skin bund wall (26m x 1m) with steel reinforcement and chamfered edges. • Excavation and concrete footing for the bund wall. **3.2 Flow Meter Installation** • Cut into the existing steel pipe and install a new Elster Kent R1000 flow meter. • Supply and install tamper-proof stainless-steel cabinet, powder-coated in orange, to house the meter. • Complete with necessary couplings, adapters, and mounting to concrete base. **3.3 Oil Separator System (Pit No. 2)** • Remove and hand over the existing separator. • Install new OS35 Ultra Spin Oil-Water Separator, rated for Class 1, Zone 2 hazardous zones. • System must include: - Automatic control and recycling function - Debris strainer - Diaphragm pump - Float level and high/low water level controls - Recycle valve **3.4 Oil Skimmer System (Pit No. 1)** • Install stainless steel SL-type oil skimmer to complement existing unit. • Must include: - Flow capacity: 7m³/h (general water), 5m³/h		

	(oily water) - Oil-resistant suction hose kit (8m) - UV-stabilized float kit with >80kg buoyancy • Modify galvanized pipe to install t-piece and regulate ball valve. **3.5 Stainless Steel Pipework** • Remove ~11m of galvanized and PVC piping between JoJo tank and steel decant tank. • Replace with 50mm stainless steel pipe and fittings. • Include screw-type inspection cap near JoJo tank. • Provide galvanized brackets and supports mounted on the new bund wall. **3.6 Roof Covering Over Oil Pits** • Design, supply and install roof structures over oil pits. • Design to be approved and signed off by ECSA-registered structural engineer. • Steel structure with IBR Chromadek roofing (0.53mm, Clean Colourbond AZ150 Charcoal). • Span areas: - Pit 1: 7.5m x 3.5m - Pits 2–5: 8.8m x 16.4m • Roof height: 2.4m above ground level. **3.7 Electrical, Monitoring & Automation** • System must operate automatically and notify relevant personnel in case of issues. • Installation of alarms, horns, and control units. • System to allow remote monitoring via PC or mobile. • All electrical work to comply with SANS 10142-1. • All automation and alarms must be integrated with existing site systems. **3.8 Area Lighting** • Supply and installation of industrial-grade LED lighting to		

	cover all working areas. • Compliant with SANS 10114 for outdoor and industrial lighting. **3.9 Drawings and Documentation** • Contractor to provide: - All design drawings (civil, electrical, mechanical) - O&M manuals - As-built drawings - Certificates of compliance and commissioning reports. **4. APPLICABLE STANDARDS AND REGULATIONS** • SANS 10142-1 – Electrical Installations of Buildings • SANS 10222 – Security Fencing • SANS 10400 – Building Regulations • SANS 1700 / SANS 121 – Hot Dip Galvanizing • SANS 10114 – Lighting Design Standards • Occupational Health and Safety Act 85 of 1993 • National Water Act 36 of 1998 • NEMA Act 107 of 1998 • Local Municipal By-laws **SALDANHA:** **1. Background** Transnet Engineering has three Effluent Treatment Plant in the Ore Corridor, two in Saldanha and one in Sishen. The Effluent Treatment Plant at both locations is outdated and struggling to efficiently treat wastewater discharged from Locomotives Maintenance workshops. However, the plant in Sishen is currently non-operational, making the need for an upgrade even more urgent to restore its functionality. Over time, the plant's components have deteriorated, leading to inconsistent treatment performance, frequent breakdowns, and challenges in meeting environmental discharge standards. The		

aging infrastructure is no longer capable of handling effluent treatment properly.

To restore the plant to full operational capacity, an upgrade or complete replacement of key components is necessary. The goal of this upgrade is to ensure compliance with environmental regulations, improve operational reliability, and future-proof the plant for growing industrial demands.

2. Scope of Work

The Scope of work applies to all three Effluent Treatment Plants.

2.1 Minimum Requirements

- Conduct a detailed site inspection to evaluate the current condition of the plant and its components.
- Identify key deficiencies in the existing system, including mechanical, electrical, and structural issues.

2.2 Mechanical, Electrical and Structural upgrades

- Replace and upgrade aging pumps, and filtration units with high-efficiency alternatives.
- Upgrade all electrical components that needs to be changed.
- Conduct structural modifications where necessary to accommodate new components and ensure plant durability.

2.3 Quality and Safety Compliance

- All works done must meet Transnet Engineering internal safety and quality standards to guarantee the integrity and reliability of the equipment.
- Compliance with applicable industry standards, including ISO, and SANS regulations, is mandatory to ensure that all processes meet the necessary safety and operational criteria.
- Ensure the upgraded plant adheres to national and local effluent discharge standards.

Supply odor and noise control measures to minimize environmental impact.

- Conduct environmental impact assessments to confirm sustainability and compliance with regulations.

2.4 Performance Testing and Commissioning

- A certification proving safety, readiness for use, and compliance is needed before equipment can be put into service.
- Conduct thorough system testing to verify the performance and efficiency of the upgraded plant.

3. Site Inspection

- All prospective Tenderers must participate in a mandatory site inspection to become fully familiar with all relevant aspects.
- Arrangements for the site visit, including confirmation of the date and time, must be coordinated with the Transnet Engineering Project Manager.
- A site inspection certificate must be filled out and signed by the Project Manager on the day of the visit, and it must be submitted with the tender documents.

Location	**Quantity of Effluent Tr Plant**
Saldanha Diesel Locomotive Workshop	1
Saldanha Electric Locomotive Workshop	1
Sishen Inservice Locomotive Workshop	1

4. Information Required

- Offers will not be evaluated unless complete information and adequate documentation are submitted during the tendering process, allowing Transnet Engineering's Technical Officers to thoroughly assess each technical proposal.
- Potential Tenderers must fully complete the relevant questionnaire and indicate whether their offer meets each

	specification item. • If there isn't enough space to provide complete information, Tenderers should include the additional details in their cover letter, numbering them according to the corresponding clause in the specification. • As prospective Tenderers are considered experts in their respective fields, they must identify any deficiencies, such as missing elements or inadequate requirements, in the specification. These issues should be communicated to Transnet Engineering during the tender stage, along with suggested alternatives. Each proposal must be priced separately. **5. Regulatory Requirements** 5.1 Compliance • All equipment and work done must meet the relevant SANS standards, whether mentioned in this specification or not. If SANS standards are not available, compliance with British Standards is acceptable. • International Standards (e.g., ISO 14001, WHO standards) • Environmental Impact (e.g., air emissions, sludge handling, chemical disposal) 5.2 Occupational Health and Safety Act (OHSA) • The following regulations and codes must be complied with: - at all times. • Adherence to the Occupational Health and Safety Act, Act 85 of 1993, is mandatory. This includes ensuring a safe work environment and mitigating health risks. • The contractor is responsible for the safety of everyone on the site and for the equipment at all times during installation. • All tenderers must understand the installation environment. It is required that all personnel involved in this contract, including subcontractors, attend a safety induction course. • The successful contractor must conduct a risk assessment to identify potential risks associated with the project. This		

assessment must be submitted to the risk department through the project manager at least two weeks before the project starts. A safety file and related documents will be required from the successful tenderer, as specified by the risk department.

- Contractor employees must always follow Transnet Engineering's security and safety procedures.
- Appropriate personal protective equipment (PPE) must always be used.

1. Specific Requirements

Contractors shall complete the following information by writing "Comply" where she/he meets the specification or give a brief description where his/her offer differs.

CAMBRIDGE

1. INTRODUCTION

This specification covers the design, supply, construction, automation, testing, and commissioning of upgraded effluent treatment plant components for the Cambridge Locomotive Depot in Uitenhage. The plant must be designed for 20 years of service life and adhere to sound engineering principles, regulatory compliance, and environmental responsibility.

2. SCOPE OF WORK SUMMARY

The contractor shall provide a complete turnkey solution for the upgrade of the effluent plant, which includes but is not limited to:

2.1. Civil Works

- Preparation of site including clearing, leveling, and grading.
- Construction of concrete bund walls and slabs for Polymer Water Storage Tank installations.
- Erection of shade structures with subframes.

2.2. Mechanical & Process Installations

- Installation of two 20,000L Polymer Water Storage Tank

	with fittings and transfer motor. • Supply and installation of 2000L oil storage tank (plastic). • Replacement of the existing oil separator with a stainless-steel version complete with hoses, clamps, debris strainer. • Replacement of current belt skimmers with more efficient , newer type skimming technologies. • Installation of totalization meters for both sewer and effluent lines. • Supply and installation of new effluent pumps where required as per system design. • Automatic level sensor system for pump activation and overflow prevention. **2.3. Electrical and Automation Systems** • Supply and installation of new Industrial Orange Metal DB board compliant with SANS 10142. • Main switch with surge protection (no earth leakage). • Complete labelling and layout diagrams as per Transnet Engineering standards. • Certificate of Compliance (CoC) for new installation. • Integration into PLC system for automatic operation. • Remote access capability (PC & mobile). • System to automatically raise alarms and send notifications to designated personnel upon fault detection. • Siren or horn notification system. • Συππλψ ανδ ινσταλλατιον οφ αν υνιντερρυπτιβλε ποωερ συππλψ (ΥΠΣ) φορ εσσεντιαλ χοντρολσ. **2.4. Security and Site Enhancements** • Supply and install **2.4m high ClearVu or similar high-**		

	security fencing around 70-meter perimeter. • **Two lockable access gates** (Pedestrian) • Site lighting is suitable for security and nighttime operation. • This must High Mast Mounted – 6m • Pole must be Galvanized steel **2.5. Documentation and Handover** • Operating and maintenance manuals (x3). • Electrical schematics and hydraulic diagrams. • Commissioning certificate and testing report. • Staff training on plant operation and safety protocols. **3. STANDARDS AND REGULATIONS** All work shall comply with the following: • **Occupational Health and Safety Act 85 of 1993.** • **SANS 10142-1** – Electrical Installations of Premises. • **SANS 10222** – Security Fencing. • **SANS 10400** – Building Regulations. • **SANS 60335** – Electrical Equipment Safety. • **NEMA Act 107 of 1998.** • **National Water Act 36 of 1998.** • **Water Services Act 108 of 1997.** • Municipal By-laws and local environmental standards. **SWARTKOPS** **1. Overview** This document outlines the scope of work for the upgrade of the existing effluent treatment plant at the Swartkops Locomotive		

	Depot. The objective is to modernize and expand the facility to efficiently manage and treat effluent generated during the maintenance of locomotives. The treated effluent, along with raw sewage, will be pumped to the nearest municipal wastewater treatment works. **2. Scope of Work** **2.1. Civil and Structural Works** • Site clearance and preparation. • Construction of new concrete plinths and bund walls where required. • Installation of a 2.4-meter-high perimeter ClearVu fence or similar approved, complete with two (2) lockable access gates. • Provision of adequate stormwater drainage. **2.2. Mechanical and Process Works** • Upgrade of existing 3 effluent pumps and 2 sewage pumps with energy-efficient and corrosion-resistant models. • Installation of pump isolation valves, backflow preventers, and non-return valves. • Installation of flow meters, chemical dosing pumps, and surge protection. • Supply and installation of additional sludge and grease traps, if required. **2.3. Electrical and Instrumentation** • Replacement/upgrade of electrical motor control centres (MCCs). • Installation of programmable logic controllers (PLCs) for automated process control.		

	• Integration of system status indicators and alarms. • Supply and installation of an uninterruptible power supply (UPS) for essential controls. **2.4. Automation and Monitoring** • Integration of a SCADA (Supervisory Control and Data Acquisition) system with remote monitoring capability via PC and mobile devices. • Alarms to notify responsible personnel in the event of system faults, failures, or irregular parameters. • Data logging and reporting features. **2.5. Lighting and Security** • Supply and installation of energy-efficient LED floodlights around the perimeter and operational zones. Page 3 of 3 Swartkops Effluent Plant Upgrade ©Transnet SOC Ltd Uncontrolled copy when printed • Lighting poles and underground cabling as required. **3. Applicable Standards** • SANS 10252-2: Water Supply and Drainage for Buildings - Part 2: Drainage Installations • SANS 10400: Building Regulations • SANS 10103: The Measurement and Rating of Environmental Noise • SANS 241: Drinking Water Specification (as applicable for treated effluent quality monitoring) • Occupational Health and Safety Act 85 of 1993 • Electrical Installation Regulations (as per Department of Labor) • ISO 14001: Environmental Management Systems • NEMA Act 107 of 1998.		

	• National Water Act 36 of 1998. • Water Services Act 108 of 1997. • Municipal By-laws and local environmental standards. **Part C4: Site Information** **1. BACKGROUND** a) The **Transnet Engineering Locomotive Depots** are located at: I. Bellville Locomotive Depot, Off Robert Sobukwe Road, Bellville, Cape Town II. Saldanha Locomotive Depot, Orex Road, Saldanha, Cape Town III. Cambridge Locomotive Depot, Western Avenue Ocean View, East London IV. Swartkops Locomotive Depot  *Figure 1: Bellville Locomotive Depot Overview*		

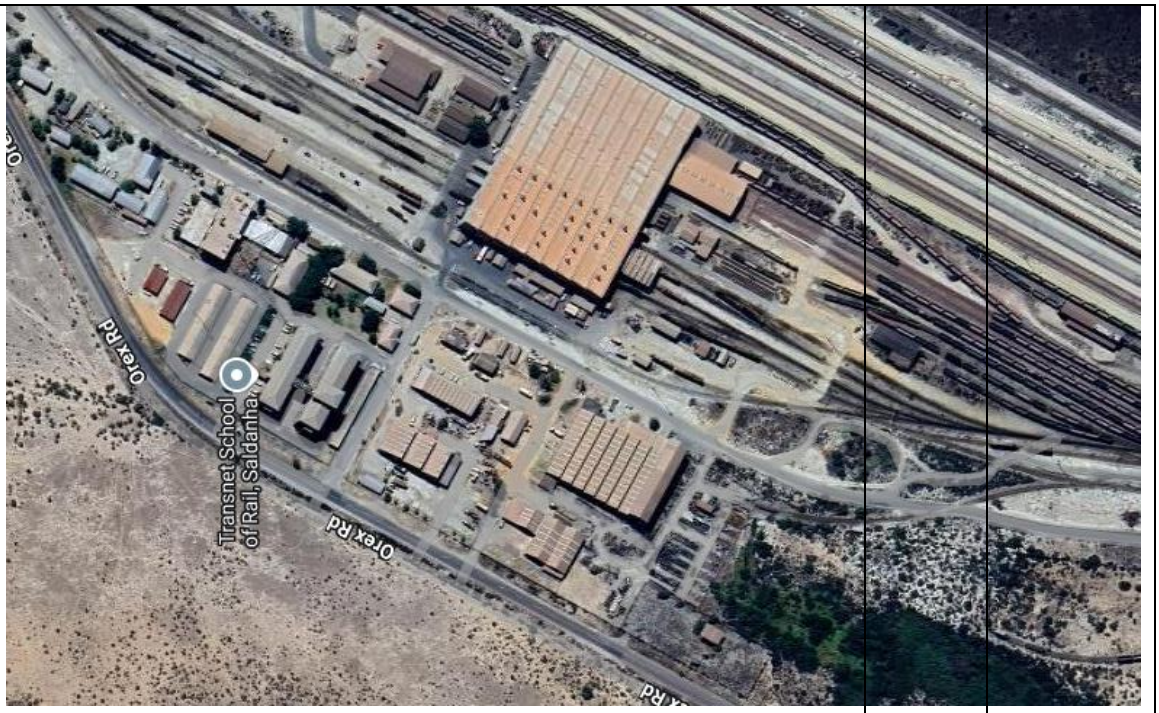


Figure 2: Bellville Locomotive Depot Overview

Figure 3: Cambridge Locomotive Depot Overview

2. ACCESS

2.1. Access Limitations

a) Access to the depot and surrounding worksites is limited to the working hours of 07h00am to 16h00pm Monday to Friday. Access may be granted on weekends upon special request.

2.2. Access Control

a) The depots are accessed via the indicated address above

2.3. Requirements for Access

a) The dock is an active industrial site and can only be accessed with recommended PPE including:

- Hard Hat
- Steel toe Boots, and
- Reflective Work Suits/Vests

Activity Schedule:

Item No.	Description	Unit	Quantity	Rate Per unit in ZAR Excl. VAT	Total in ZAR, Ex
			BELLVILLE		
1	Provision of Health and Safety File	Sum	1		
2	Bund Wall Remedial Works (seal and reconstruct)	M	26		
3	Relocation of inlet pipes	Sum	1		
4	Electrical disconnection / reconnection	Sum	1		
5	Flow meter installation incl. cabinet	Each	1		
6	Supply & Install Oil Separator (OS35	Each	1		
7	Install Oil Skimmer Unit (SL Type)	Each	1		
8	Pipe modification and valve Installation	Sum	1		
9	Stainless steel pipe replacement (50mm, 11m)	M	11		
10	Roof covering (Pit 1)	M2	30		
11	Roof covering (Pits 2–5)	M2	150		
12	Automation system (sensors, alarms, PLC)	Sum	1		
13	Installation of LED industrial lighting	Sum	1		
14	Design drawings (mech/civ/elec)	Sum	1		
15	Testing, commissioning and training	Sum	1		
Item No.	**Description**	**Unit**	**Quantity**	**Rate Per unit in ZAR Excl. VAT**	**Total in ZAR Exc**
			Saldanha		

1.	**Civil Works**						
1.1	Repair and refurbish damaged pits	M2	150				
1.2	Replace/reinstate deteriorated piping	M	100				
1.3	Structural repairs to containment area	M2	100				
2.	**Mechanical Works**						
2.1	Remove and replace defective pumps	Sum	1				
2.2	Clean and service filters	Sum	1				
2.3	Supply and install spare parts	Sum	1				
3.	**Electrical Works**						
3.1	Replace electrical switchgear and control panels	Sum	1				
3.2	Upgrade control wiring	Sum	1				
4	**Cleaning and Commissioning**						
4.1	Empty and clean effluent pits	Sum	1				
4.2	Conduct system testing and commissioning	Sum	1				
5.	**Spare Parts**						
5.1	Supply spare parts for pumps and filters	Sum	1				

Item No.	Description	Unit	QTY	Rate per unit - ZAR , Excl VAT		Total - ZAR , Excl VAT		Comment
			Cambridge					
1	Provision of Health and Safety File	**Sum**	**1**					
2	Site preparation and civil works	Sum	1					Includes bu walls and sl

		3	Supply and installation of 2 x 20,000L JoJo tanks	Each	2					With fitting and connection
		4	Supply and installation of 2000L oil storage tank	Each	1					Plastic tan
		5	Provision of New Skimming System	Sum	1					Stainless St for wet componen
		6	Supply and install stainless steel oil separator	Sum	1					Complete w accessorie
		7	Install totalization flow meters (sewer & effluent)	Each	2					
		8	Supply and installation of effluent pump	Each	1					Same size existing
		9	Automatic level sensors & transfer motor	Set	1					Includes PL connectio
		10	Shade roof with subframes	Sum	1					Polymer Wa Storage Ta
		11	Industrial DB board (metal, orange)	Each	1					Fully labell with surg protectio
		12	System automation and PLC integration	Sum	1					Includes mobile/PC monitorin
		13	Horn/siren notification system	Each	1					Connected fault detecti system
		Item No.	**Description**	**Unit**	**QTY**	**Rate per unit - ZAR , Excl VAT**		**Total - ZAR , Excl VAT**		**Comment**
		14	Remote alarm & mobile notification system	Sum	1					With user configurati

	15	Lighting installation around the plant	Sum	1					LED , 200
	16	Supply and installation of ClearVu fence	m	70					2.4m high w anti-climb design
	17	Pedestrian access gate	Each	2					Lockable same finish fence
	18	Design drawings and documentation	Sum	1					Includes a schematics a manuals
	19	System commissioning & testing	Sum	1					Includes commission report
	20	Training of staff	Session s	1					Includes operationa SOPs
	Item No.	**Description**	**Unit**	**QTY**	**Rate per unit - ZAR , Excl VAT**		**Total - ZAR , Excl VAT**		**Comment**
	Swartkops								
	1	Site clearing and preparation	Sum	1					Includes deb removal and leveling
	2	Concrete plinths and bund walls	M3	25					For pump ar control panel bases
	3	ClearVu or similar fencing (2.4m high)	M	70					Including po and fittings
	4	Access gates (lockable, double-leaf)	No	2					3m wide eac
	5	LED Floodlights	No	6					200W, weatherproo
	6	Lighting Poles	No	3					6m galvaniz steel
	7	Effluent Pumps	No	3					High efficiency Submersible Immersible

										type
		8	Sewage Pumps	No	2					With cutter impellers
		9	MCC Panels with VSDs and UPS	Sum	1					Fully integrated fo pump contro
		10	PLC and SCADA System	Sum	1					Includes remote acces and alert system
		11	Flow meters and valves	Sum	1					For all pump and inlets
		12	Chemical dosing pumps and tanks	No	2					For pH and coagulation control (if required)
		13	Sludge and grease traps	No	2					Inlet side of the plant
		Item No.	**Description**	**Unit**	**QTY**	**Rate per unit - ZAR , Excl VAT**		**Total - ZAR , Excl VAT**		**Comments**
		14	Electrical cabling and trenching	M	250					Including conduit and protection
		15	System commissioning and training	Sum	1					On-site support and manuals
		16	Provision of Electrical COCs	Sum	1					
		17	Provision of All Line Diagrams and System Drawings	Sum	1					
		18	Replacement of Electrical Side depot skimming system.	Sum	1					

	19	Provision of Health and Safety File	Sum	1						
	TOTAL (Excluding VAT) Bellville									
	TOTAL (Excluding VAT) Saldanha									
	TOTAL (Excluding VAT) Cambridge									
	TOTAL (Excluding VAT) Swartkops									
	TOTAL (Excluding VAT) **(Total to be transferred to Offer and Acceptance)**									
					VAT @ 15%					
					Total (incl VAT)					

Previous Experience

Note: The tenderer will be scored on the below;

Category	Criteria	Weightings	Scoring Methodology Based on Weight	Evidence
1.	**Company Previous Experience**	**20**	No information provided or submission of no substance/ irrelevant information provided = 0 Points. To have successfully completed 1 project of a similar nature within the past 10 years = 01 Point. To have successfully completed 2 projects of a similar nature within the past 10 years – 05 Points. To have successfully completed 3 projects of a similar nature within the past 10 years = 10 Points. To have successfully completed 4 projects of a similar nature within the past 10 years = 15 Points. To have successfully completed 5 or more projects	The experience of the tendering entity or joint venture partners in the case of an incorporated joint venture or consortium, as opposed to the key staff members/ experts, in similar projects

					of a similar nature within the past 10 years = 20 Points.	completed within the past ten years will be evaluated. Tenderers should provide a fully signed completion certificate/s of a similar nature or reference letters with contactable references of each completed projects. This must be from the company for which the service was performed and on their letterhead.		

Experience, Qualifications & Professional Registration

Category	Criteria	Weightings	Scoring Methodolo Based on Weight
2.	**EXPERIENCE, QUALIFICATIONS AND PROFESSIONAL REGISTRATION OF KEY PERSONNEL** **Civil/Structural Engineer (ECSA Registration)** **Mechanical Engineer (ECSA Registration)** **Installation Electrician (Registered with Dpt of Labour for issuing Electrical Completion Certificate COC)**	**20**	No of years of Experience, Qualifications and Professio Registration 0 years of experience and n submission = 0 pts All 3 key personnel to posse 4 years of experience, quali accredited with professiona = 10 points All 3 key personnel to posse years and above of experie qualified & accredited with professional body = 20 poir

Health and Safety

gory	ria	htings	ing Methodology Based on Weight	ence
	Health and Safety		**No of years of Experience and Qualifications** Below 3 years of experience and no submission = 0 points 3 to 4 years and below of experience qualified, with a minimum qualification = 3 points 5 years and above of experience and qualified = 5 points	**Minimum Qua** N. Dip, BTech o Health & Safety

Project Schedule with Timelines

Category	Criteria	Weightings	Scoring Methodolo Based on Weight
4.	**Project schedule with timelines**	**15**	No Project schedule with tir provided = 0 Points Detailed project schedule w timelines and with all key pi activities listed = 15 Points

Approach and Methodology

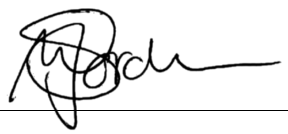
Category	Criteria	Weightings	Scoring Methodology Based on Weight	Evidence
5.	**Approach and Methodology**	**30**	No information provided = 0 Points The tenderer has misunderstood certain aspects of the Scope of Work and does not deal with the critical aspects of the project/ The methodology does not adequately deal with the critical characteristics of the project, or the plan and way risk is to be managed = 05 Points The approach is tailored to address the specific project objectives and methodology and is sufficiently flexible to accommodate changes that may occur during execution. The approach & methodology to managing risk etc. is tailored to the critical characteristics of the project. The important issues are approached in an innovative and efficient way, indicating that the tenderer has exceptional knowledge of working state of the art approaches = 30 Points	The Contractor understanding the assignment Engineering sta requirements, l importance, an approach they address them. explain the me propose to ado compatibility of with the propos instance, the m available data, investigations, and comparing and address ar scope of work Engineering. Tl also include a p plan and qualit relevant and ap scope of work to the scope of The technical a methodology p approach pape with the work p the scope of w document is nc form the basis incorporated in successful bidd portion of the a should clearly a deliverables. Technical appr responds to the work/project d proposed meth Management P the execution c Tenderers mus paper to this pa be as follows: Approach Methodolo Schedule c Contractor approach. Execution plan

Matters arising

Question: Bidder requested that all effluent sampling results be provided at various points (Incoming oil as it comes from the Pits and discharge effluent after treatment) so that bidders could verify effluent quality requirements that we would like to achieve at discharge.

Transnet Response: Request was acknowledged, and bidders

	were notified that the environmental department would be engaged for these and whatever results available will be shared. **Question:** Bidder requested clarification in terms of the system being requested by Transnet being one system in terms of capacity across all plants which is regulated by the level controls, noting that the current belt driven system at Cambridge being very old and inefficient in its design. The bidder also stated that this is applicable to the drizzard system as well. **Transnet Response:** Transnet is not intending for this to be a one size that fits all types of solution as the depots are different sizes producing different volumes of Effluent. Transnet notes that it does not have records of old drawings of the plant, however the current pumps should be used as a gauge for maximum capacity as we do not intend to increase capacity with this project, only to modernize and upgrade to a newer more efficient system. This is applicable to the skimmer system **Question:** Bidder requested clarity around the covering of the pits. It was mentioned for Bellville but not allowed for in the other depots. **Transnet Response**: This would be verified and an addendum done if necessary as the idea was to standardize the covering across the different effluent plants. **Question:** Bidder requested clarity around the Saldanha Effluent Plant as multiple plants were mentioned under the Saldanha section , even Sishen being mentioned. **Transnet Response**: None of the present Transnet representatives had been to the Saldanha plant, so the bidder was advised to send an email to the SCM official handling this project and a response will be obtained from the Plant Engineer responsible for Saldanha **The award is not a split award and execution of all four plants must be completed in 10 months.** **Closing date for all communications and site walks: 06 June 2025 @ 18h00** **Extended closing date for RFP: 30 June 2025 @ 18h00** **SALDANHA: ONLY THE DIESEL WORKSHOP EFFLUENT PLANT will be including in the scope of work**		
	The meeting was adjourned at 12h30.		

Naomi Jordaan		29.05.2025