



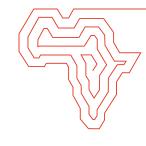
Medium Voltage Equipment at the Port of Ngqura for

Presented by: BPEC

a period of 12months

Contents

Medium Voltage Equipment



Welcome and Meeting Procedure

02 Background of the Scope of Works & Annexures

Contracting

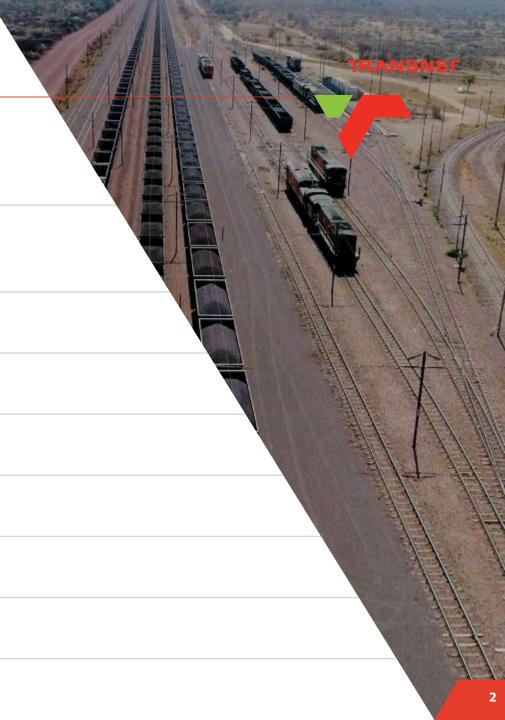
Evaluation Criteria

Returnable Documents

Tendering Procedure

Questions and Answers Session

Closing





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WELCOME, MEETING PROCEDURE & HOUSEKEEPING

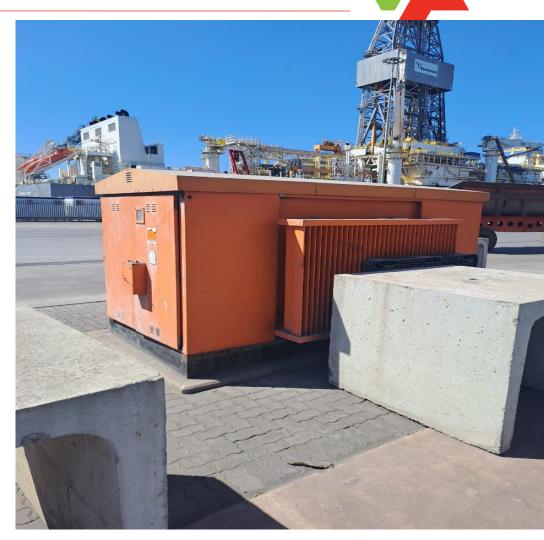
1. Welcome Note

2. Meeting Procedure

- 2.1 Presentations First
- 2.2 Questions & Answers Session

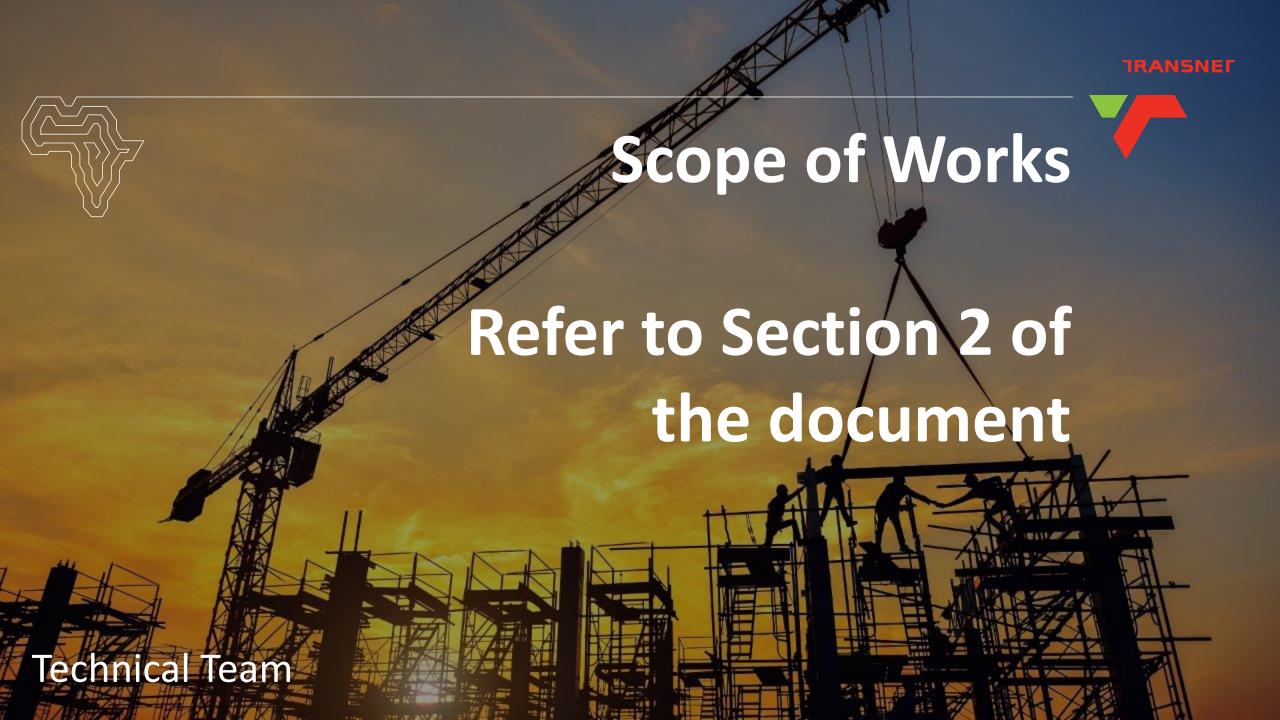
3. Meeting Etiquettes

- 3.1 All attendees are muted until Q&A session
- 3.2 Meeting is recorded for reference purposes
- 3.3 Attendance Register on Meeting Chat
- 3.4 Listen attentively and do not repeat questions
- 3.5 Note down questions during presentations using Q&A icon and/or meeting chat
- 3.6 Presentation, Meeting Minutes, Questions & Answers will be published on the advertisement websites



SITE VISIT IS COMPULSORY ON THE 21st OF NOVEMBER 2025. NON-ATTENDANCE WILL LEAD TO DISQUALIFICATION. MEETING AT 8H30 AT PORT OF NGQURA. ATTENDANCE CERTIFICATE WILL BE ISSUED UPON COMPLETION OF SITE VISITS





SCOPE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS





1. Joorste Park

- Decommissioning and removal of the existing LV kiosk and marking of existing circuits for re-use.
- Supply, Delivery, Offloading and Installation of the refurbished 630kVA
 11000/400V minisub station from C-Berth .
- Termination of all existing circuits to the LV panel of the mini substation
- Design, supply, and install 30MPa concrete plinth including site clearance, civil layer works, etc. (plinth details shall be coordinated with the new Mini- Substation design)
- Design, supply, and install all necessary earthing for the proposed new LV switch panel.
- Install refurbished Mini substation
- Testing and commissioning



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SCOPE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

2. Sand bypass (RMU)

- Decommissioning and removal of the existing RMU
- Installation of new 11kV 630A/200A 2R3B RMU.
- Installation of all necessary and associated protection for the equipment above.
- Installation, joining and terminating of MV cables.
- Installation of transformer cable housing and cable support bracket.



SCOPE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS





3. C-Berth – Finger jetty:

- Decommissioning, removal, and transportation of the existing Mini substation to a refurbishment site.
- Refurbish the minisub station enclosure and apply anti corrosive painting suitable for marine environment.
- Refurbishment shall adhere to NRS 04 miniature substation standard quality requirements.
- Design, supply, and install all necessary earthing for the proposed new LV switch panel.
- Supply, Delivery, Offloading and Installation of a new 630kVA 11000/400V low maintenance type RMU with internal arc outdoor type B Minisub with water and dust proof and an IP54 ingress protection rating, complete with switchgear.
- Termination and commissioning of the new mini substation



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SCOPE OF REQUIREMENTS AND TECHNICAL SPECIFICATIONS

4. Shore supply kiosks

- Decommissioning and removal from all sites of existing shore supply boxes
- Design, supply and installation of 16 off 1.2 meters height, 316 stainless steel power pedestal electrical distribution kiosks with base plates and mounting accessories to securely mount plug points and all switchgear.
- Kiosk shall be supplied with metering equipment as per the detailed specifications and drawing



SCOPE OF WORK ANNEXURES





Annexure 1: Ordering schedule & functional specification

Annexure 2: Electrical shore supply boxes

Annexure 3: Port of Ngqura electrical: 11kV reticulation &

protection single line Diagram

Annexure 4: Specification for Corrosion Protection

Annexure 5: Health and Safety Specification

Annexure 6: Basic Risk Assessment

Annexure 7: General Quality Requirements for Contractors and

Suppliers

Annexure 8: Pictures

Annexures





T2.2-32: Technical Back-up and Support

Note to tenderers:

The Tenderer must give a signed undertaking, clearly stating the technical support that would be available from the tenderer after Completion, irrespective of whether a maintenance contract is entered into with the Tenderer or not.

The Tenderer must indicate the following post-completion offerings by submitting the relevant documentation for consideration to enhance the value and sustainability of the project.

1. Operation Training

The tenderer is required to provide operational training after commissioning to the TNPA Port of Ngqura maintenance team. The operational training is to include documentation, manuals, and troubleshooting guides. The tenderer must consider a handover workshop or on-site operational training session/s.

Will you be offering the operational training?	Yes	No	
Will the operational training be at a cost?	Yes	No	
If yes, is the operational training included in the Bill	of Quantities? Yes	No	



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2. Warranty

The tenderer is required to provide a minimun voltage equipment and a minimum 12 months we	m of 12 months' warranty for replaced medium orkmanship warranty.
What is the duration and scope of the warranty f	or replaced medium voltage equipment?
	Page 128 to 130 of 178
Is the warranty certificate or document for newly as a returnable document?	replaced medium voltage equipment submitted Yes No
Is the workmanship warranty certificate or docusubmitted as a returnable document?	ument for refurbished medium voltage equipment Yes No

What will be the response times and resolution commitments during the defect liability period?

3. Post-Commissioning Support

What is the defined period of technical support after commissioning (e.g., 3–6 months)?

What will be the provision for remote diagnostics or site visits if issues arise?

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4. Preventive Maintenance Schedule

Tenderers are requested to provide a detailed schedule outlining routine checks, servicing intervals, and performance benchmarks.

Is the preventative maintenance schedule submitted as a returnable? Yes No



5. Emergency Response Protocol

Define	procedures	for	urgent	faults	or	failures.	Tenderer	to	include	contact	details,	escalation
paths,	and expecte	ed re	sponse	times.								

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6. Optional Maintenance Contract

At present the ongoing maintenance is not required, however the tenderer is requested for optional pricing for future maintenance services, should the need arise.

Is the optional maintenance contract with pricing submitted as a returnable? Yes No

Undertaking given in regard to after-sales technical back-up and support as outlined in number 1 to 6 above:



CONTRACTING: CONTRACT DATA – KEY CLAUSES





B: Priced contract with bill of quantities

dispute resolution Option W1: Dispute resolution procedure

and secondary Options

X2 Changes in the law

X4: Parent company guarantee

X5: Sectional Completion

X7: Delay damages

X13: Performance Bond

X16: Retention

X18: Limitation of liability

Z: Additional conditions of contract

Certificate of Insurance on Page 153 to 162 of 178

List of approved bond issuers on Page 164 to 165 of 178

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CONTRACT DATA PART 2 – DATA PROVIDED BY THE CONTRACTOR

11.2(8)	2(8) The direct fee percentage is %			В	Priced contract with bill of quantities	Data for the Shorter Schedule of Cos Components		
	The subcontracted fee percentage is	%		41 in SSCC	The percentage for people overheads is:	%	3	
11.2(14)	The following matters will be included			21 in SSCC	The published list of Equipment is the last edition of the list published by			
	in the Risk Register				The percentage for adjustment for Equipment in the published list is	8//11		
31.1	The programme identified in the Contract Data is			22 in	The rates of other Equipment are:	% (state plus o	Size or	Rate
В	Priced contract with bill of quantities	2		SSCC			capacity	
11.2(21)	The bill of quantities is in			61 in	The hourly rates for Defined Cost of			
11.2(31)	The tendered total of the Prices is		(in figures)	III	design outside the Working Areas are	Category of employee Hour		rly rate
		(in word	ls), excluding VAT	·				
						4		
				62 in SSCC	The percentage for design overheads is	%		
_				63 in SSCC	The categories of design employees whose travelling expenses to and from			

the Working Areas are included in

Defined Cost are:

CONTRACTING: CONTRACT DATA – KEY DATES





3	Time	
11.2(3)	The <i>completion date</i> for the whole of the <i>works</i> is	31 January 2027
30.1	The <i>access dates</i> are	01 February 2026
31.1	The <i>Contractor</i> is to submit a first programme for acceptance within	2 weeks of the Contract Date
31.2	The <i>starting date</i> is	01 February 2026
32.2	The <i>Contractor</i> submits revised programmes at intervals no longer than	3 weeks
35.1	The <i>Employer</i> is not willing to take over the <i>works</i> before the Completion Date.	



STAGES OF EVALUATION:





Stage 1 Administrative and Substantive Responsiveness Tests

Stage 2 Functionality/Technical Evaluation

Stage 3 Preference Point System Evaluation

Stage 4 Commercial Evaluation

Stage 5 Post Tender Negotiations (where applicable)

Stage 6 Award of Business









The test for administrative responsiveness will include the following:

Administrative Responsiveness Check

- Whether the tender has been lodged on time
- Whether all Returnable Documents and/or schedules [where applicable] were completed and returned by the closing date and time
- Verify the validity of all returnable documents
- Verify if the tender document has been duly signed by the authorised respondent

STAGE 1 STEP 2A OF EVALUATION: SUBSTANTIVE RESPONSIVENESS TEST

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Substantive Responsiveness Check

- Whether any technical pre-qualification criteria set by Transnet, have been met as follows:
 - Attendance of compulsory site visit,
 - Valid Professional Registration of Key Personnel:
 - Electrical Engineer to be registered with Engineering Council of South Africa (ECSA) as one of the following:
 - Pr. Eng Professional Engineer
 - ❖ Pr. Tech Eng Professional Engineering Technologist
 - ❖ Pr. Techni Eng Professional Engineering Technician
 - **Installation Electrician** to be registered as an Installation Electrician (IE) or Master Installation Electrician (MIE) and must provide valid Wireman's License and Registration Certificate issued by Department of Employment and Labour
 - CIDB Grading for the Medium Voltage Equipment of 6EP or higher
 - CIDB Grading for the galvanized steel mesh fence of 150 or higher
- Whether the tender contains a responsive priced offer for both Medium Voltage Equipment and Fence
- Whether the tender materially complies with the scope of work given

Addendum 1:

On clarity of the Noncompulsory clarification meeting and compulsory

Addendum 2: site visit attendance

On clarity of the CIDB grading levels and classes of works

On CIDB requirement for Fence, tenderer's previous experience, X5 removal As well as on clarity of the specific goals & conditions of contract

Any tenderer that fails to meet the stipulated eligibility criteria will be regarded as an unacceptable tender

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STAGE 2 OF EVALUATION: FUNCTIONALITY





Only those tenderers who obtain the minimum qualifying score for functionality will be evaluated further in terms of price and the applicable preference point system. The minimum qualifying for score for functionality is **60** points.

T2.2-04 Tenderer's Previous Experience

T2.2-05 Programme

T2.2-06 Quality Management

T2.2-07 Health and Safety Requirements

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STAGE 2 OF EVALUATION: FUNCTIONALITY TENDERER'S PREVIOUS EXPERIENCE (30 POINTS)

The scoring	of Tenderer's Previous Experience will be as follows:					
	A tenderer to submit at least 3 previous experiences on medium voltage equipment and at least 1 previous experience in galvanized steel mesh fence.					
	 Completion certificates for projects involving MV installations and protection testing with photos of completed substations and switchgear installations, and a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence, or 					
Total Points	 Test reports for relay commissioning and transformer installations with photos of completed substations and switchgear installations and a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence, or 					
	 Reference letters confirming scope and compliance with photos of completed substations and switchgear installations and a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence, or 					
	 Form of offer with contract data confirming scope and compliance with photos of completed substations and switchgear installations and a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence. 					
(30)	(30 Points)					
Score 0	No submission / any of the proof of previous experience submitted is irrelevant / any of the proof of previous experience submitted not signed / any of proof of previous experience submitted is not in client's letterhead					
Score 20	The tenderer has submitted one (1) completion certificate or test report or reference letter or form of offer with contract data on the outlined previous experience, and no proof of a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence					
Score 40	The tenderer has submitted two (2) completion certificates or test reports or reference letters or form of offers with contract data on the outlined previous experience, and no proof of a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence					
Score 60	The tenderer has submitted three (3) completion certificates or test reports or reference letters or form of offers with contract data on the outlined previous experience, with one (1) proof of a completion certificate or reference letter or form of offer with contract data in galvanized steel mesh fence					

CURRENT ON RFP

Addendum 2:

On CIDB requirement for Fence, tenderer's previous experience, X5 removal

As well as on clarity of the specific goals & conditions of contract

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Examples:

PROGRAMME (20 POINTS)

Columns (3) - if only 3/6 columns are displayed then 50% of the (1) point allocated for this requirement.

STAGE 2 OF EVALUATION: FUNCTIONALITY

Milestones (7) - if only 3/7 milestones are displayed then 42% of the (1) point allocated for this requirement.

The table below indicates the method of scoring that will be followed to evaluate the programme submitted by the Tenderer based on the above-mentioned requirements points 1-14:

Score 0	Tenderers have not developed a schedule, or submission in non-planning software e.g., excel or word document, etc. or submission is below Level 3.
Score 20	Tenderers have addressed up to 3 out of 14 requirements that supports the scope of work which is less than 25% of all points 1 to 14.
Score 40	Tenderers have addressed more than 4 to 6 out of 14 requirements that supports the scope of work which is more than 25% but less than 50% of all points 1 to 14.
Score 60	Tenderers have addressed 7 to 10 out of 14 requirements that supports the scope of work which is equal to 50% but less than 75% of all points 1 to 14.
Score 80	Tenderers have addressed 11 to 13 out of 14 requirements that supports the scope of work which is more than 75% but less than 100% of all points 1 to 14.
Score 100	Tenderers have addressed all 14 requirements that supports the scope of work which is 100% of all points 1 to 14.

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Valid ISO 9001:2015 Certification OR **Quality Manual** that is aligned to ISO 9001:2015 QMS requirements which includes at least 3 elements such as context of the organization, leadership, support, operations and performance evaluation.

Project Quality Plan shall be project specific and be aligned to the TNPAQUAL- REQ-14.1_General Quality Requirements for Contractors and Suppliers (**Annexure 7** of scope of work) and shall at least address 3 of the elements such as scope of works, control of documented information, resources, audits and control of non-conforming outputs.

Experience and Qualifications of Quality Officer:

Experience - The Quality Officer must have a minimum of 3 years' quality experience in electrical quality assurance projects submitted in a Curriculum Vitae, supplemented by-

Qualifications - The Quality Officer's educational qualification must be a minimum Quality Diploma OR Technical Diploma AND ISO 9001:2015 Quality Management System (QMS) training certificates (QMS Implementation OR QMS Auditing).

At least 3 **Quality Control Plans** (QCPs) shall be in line with the scope of works detailing the electrical works. These QCP's shall identify all inspections as detailed in the scope of works together with other tests and verifications required to demonstrate that the works comply with the scope of works, specifications, and drawings.

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STAGE 2 OF EVALUATION: FUNCTIONALITY **QUALITY MANAGEMENT (25 POINTS)**





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STAGE 2 OF EVALUATION: FUNCTIONALITY QUALITY MANAGEMENT (25 POINTS)

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Valid ISO 9001:2015			Qual			
	Certification OR Quality Manual aligned to ISO 9001:2015 requirements that details at least 3 of the following requirements: 1. Context of the organization, 2. Leadership, 3. Support, 4. Operations, and 5. Performance evaluation	Project Quality Plan must detailing at least 3 of the following contract requirements: 1. Scope of works, 2. Control of documented information, 3. Resources, 4. Audits, and 5. Control of non-conforming outputs	Experience	A minimum qualification of either 1. Quality Diploma 2. Technical Diploma, and either 3. ISO 9001:2015 QMS Implementation (training certificate) 4. ISO 9001:2015 QMS Auditing (training certificate)	Quality Control Plan (QCP) in line with the scope of works detailing at least 3 of the following: 1. Sequence of activities 2. Procedure/code specifications 3. Intervention points 4. Field inspection checklist 5. Relevant signatories	
Total (25)	5	5	5	5	5	
Score 20	No submission of valid ISO 9001:2015 certificate but submitted only Quality Manual that contains 1 of the 5 requirements.	Project Control Plan contains 1 of the 5 requirements.	Up to 1 year Quality experience in electrical quality assurance projects	ISO 9001:2015 Quality Management System (QMS) training certificate either Implementation OR Auditing	Quality Control Plan contains 1 of the 5 QCP requirements.	
Score 40	No submission of valid ISO 9001:2015 certificate but submitted only Quality Manual that contains 2 of the 5 requirements.	Project Control Plan contains 2 of the 5 requirements.	Above 1 year but below 3 years Quality experience in in electrical quality assurance projects	Quality Diploma OR Technical Diploma	Quality Control Plan contains 2 of the 5 QCP requirements.	
Score 60	Valid ISO 9001:2015 certificate AND Quality Manual that contains 3 of the 5 requirements.	Project Control Plan contains 3 of the 5 requirements.	3 years Quality experience in electrical quality assurance projects	Quality Diploma OR Technical Diploma AND ISO 9001:2015 Quality Management System (QMS) training certificate either Implementation OR Auditing	Quality Control Plan contains 3 of the 5 QCP requirements.	

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STAGE 2 OF EVALUATION: FUNCTIONALITY HEALTH AND SAFETY REQUIREMENTS (25 POINTS)

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- 1. The tenderer must submit a minimum of 3 of the below mentioned Health and Safety documents showing that it has a Health and Safety (H&S) Management system in place:
 - 1.1. Project Organogram,
 - 1.2. Signed and dated Health and Safety Policy,
 - 1.3. Incident Management Procedure,
 - 1.4. Valid Letter of Good Standing, and
 - 1.5. Emergence procedure.
- 2. The tenderer to submit a project specific health and safety plan that addresses a minimum of 3 elements listed below:
 - 2.1 Project scope
 - 2.2 Roles and responsibilities
 - 2.3 Legislative references
 - 2.4 Operational requirements (i.e. excavations, concrete works, PPE, plant and equipment)
 - 2.5 Inspections and audits
- 3. The tenderer to provide baseline risk assessment indicating at least 3 of the major activities for the fencing project addressing the following activities:
 - 3.1 Decommissioning and removal of existing equipment
 - 3.2 Excavation
 - 3.3 Concrete work
 - 3.4 Removal of existing fence
 - 3.5 Installation and commissioning of equipment

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STAGE 2 OF EVALUATION: FUNCTIONALITY HEALTH AND SAFETY REQUIREMENTS (25 POINTS)

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- 4. Tenderer to have a Health and Safety Officer which has at least 3 to 4 years health and safety (1) experience within electrical construction or maintenance projects involving medium voltage equipment environment. The required health and safety experience must be demonstrated on a Curriculum Vitae (CV). The Health and Safety Officer must possess a minimum (2) safety related qualification of an NQF level 5.
- Tenderer's Health and Safety Officer is to be in good standing with South African Council for Project and Construction Management Professions (SACPCMP) and submit a valid certified copy of the registration certificate.

Points (25)	Health and Safety (H&S) Management system Health and Safety		Baseline Risk Assessment	Health and Safety Officer's Experience and Qualification	Health and Safety Officer's Registration
	05 Points	05 Points	01 Point	05 Point	05 Points
Score	Proof of Health Safety management system by submitting the following documents: - Project Organogram - Signed and dated Health and Safety Policy - Incident Management Procedure - Valid Letter of Good Standing	Health and Safety Plan by addressing the following elements: - Project scope - Roles and Responsibilities - Legislative Reference - Operational Requirements - Inspections and Audits	Baseline risk assessment indicating major activities for the project: - Decommissioning and removal of existing equipment - Excavation - Concrete work - Removal of existing fence - Installation and commissioning of	H&S Officer's experience with qualification: Minimum NQF level 5 (safety related) qualification with at least 3-4 years health and safety experience within electrical construction or maintenance projects involving medium voltage equipment environment	Valid registration with SACPCMP Copy of Good Standing with SACPCMP
	- Emergence procedure		equipment		

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Score 0	No document submitted	No document submitted / None of the listed elements are covered	No document submitted / None of the listed activities is covered	No document submitted / None or not all mandatory documents are submitted	No document submitted /No copy of Good Standing with SACPCMP submitted or proof of Good Standing has expired
Score 20	1 of 5 documents submitted	1 of 5 elements addressed	1 of 5 project specific major activity in baseline risk assessment submitted	NQF level 5 Safety related qualification with CV indicating <1 year health and safety experience	N/A
Score 40	2 of 5 documents submitted	2 of 5 elements addressed	2 of 5 project specific major activities in baseline risk assessment submitted	NQF level 5 Safety related qualification with CV indicating ≥1 but <3 years health and safety experience	N/A
Score 60	3 of 5 documents submitted	3 of 5 elements addressed	3 of 5 project specific major activities in baseline risk assessment submitted	NQF level 5 Safety related qualification with CV indicating ≥3 but <5 years health and safety experience	N/A
Score 80	4 of 5 documents submitted	4 of 5 elements addressed	4 of 5 project specific major activities in baseline risk assessment submitted	NQF level 5 Safety related qualification with CV indicating ≥5 but ≤7 years health and safety experience	N/A
Score 100	All 5 documents submitted	All 5 elements addressed	All 5 project specific major activities in baseline risk assessment submitted	NQF level 5 Safety related qualification with CV indicating ≥7 years health and	Valid copy of Good Standing with SACPCMP submitted

STAGE 2 OF EVALUATION: FUNCTIONALITY

HEALTH AND SAFETY REQUIREMENTS (25 POINTS)

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BILL OF QUANTITIES

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C2.2 The bill of quantities

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Tenderers must not add items but must break down lump sum items into detailed supporting pricing schedules (component, labour, testing, transport, etc.) to avoid claims for compensation events

ITEM	REF	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
A.1		PRELIMINARIES & GENERAL				
		PRELIMINARIES			•	
		The agreement applicable to this contract is the "NE	C3 Engir	neering	and Cor	nstruction Contract
		June 2005"(with amendments April 2013). Tenderers	s are ref	erred t	o SANS 1	1200A for the purpose
		of payment of Preliminaries and Generalsection of th	nis Bill			
1.1	4. (C3)	FIXED CHARGE ITEMS				
		Contractual requirements	Item	1		R
1.2	4. (C3)	OTHER FIXED-CHARGE OBLIGATIONS				
		Preparation of As- built drawings	Item	1		R
		Health and Safety Compliance (safety file)	Item	1		R
		Handover reports (specs, quality checks sheets,				
		manufacturing drawings, maintenance plans & all	Item	1		R
		associated construction reports)				
1.3	4. (C3)	TIME RELATED ITEMS				
		Contractual requirements	Month	12		R
		Supervision for duration of the execution	Month	12		R
		Total of Preliminary and General	Sum	1	R	•

		SUPPLY, DELIVERY AND INSTALLATION OF			
B.2		EQUIPMENT			
2.1	2.3.4 (C3)	LOW VOLTAGE CABLES			
		Supply and delivery of 120mm ² XLPE-insulated, low-			
		voltage underground power cable rated at 0.6/1 kV,			
2.1.1		with annealed copper conductors (IEC 60228 Class	М	1500	R
2.1.1		2), steel wire armored (SWA), and fully compliant	I۴I	1300	K
		with SANS 1507, IEC 60502-1, and SANS 1339			
		standards			
2.1.2		Installation of 120mm ² XLPE-insulated, low-voltage	М	1500	R
		underground power cable rated at 0.6/1 kV, with			
		annealed copper conductors (IEC 60228 Class 2),	,		
		steel wire armoured (SWA), fully compliant with SANS			
		1507, IEC 60502-1, and SANS 1339 standards.			

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BILL OF QUANTITIES

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2.2	Supply, delivery and installation of low voltage straight joints suitable for 120mm², 4-core, 600/1000 Volt polymeric insulated copper conductors, steel wire armoured (SWA) cables, compliant with BS5467, BS6346 and IEC 502. The joints shall be of a type	Sum	1	R	2.3.4	Delivery and installation of a refurbished 800kVA, 11kV/400V outdoor-type miniature substation (minisub) with internal arc protection, complete sum 1 with a new low-voltage panel, in accordance with the approved specifications
2.3	approved by the Engineer and equivalent in performance and quality to industry-standard Type A joints. SUPPLY AND REFURBISHMENT OF MINISUBSTATION AND WORKS				2.3.5	Supply and delivery of 11kV gas-insulated switchgear, rated at 20kA for 3 seconds, with 630A and 200A components, configured as a sum 1 R 2R3B ring main unit (RMU), suitable for
2.3.1	Supply and delivery of a 630kVA, 11kV/400V outdoor-type miniature substation (minisub) with internal arc protection, complete with ring main unit (RMU) and integrated low-maintenance switchgear, suitable for installation at Quay B-100	sum	1	R	2.3.6	installation at the Sand Bypass site. Installation of 11kV gas-insulated switchgear, rated at 20kA for 3 seconds, with 630A and 200A sum 1 R
2.3.2	Installation of a 630kVA, 11kV/400V outdoor-type miniature substation (minisub) with internal arc protection, complete with ring main unit (RMU) and integrated low-maintenance switchgear, at Quay B-100	sum	1	R		components, configured as a 2R3B ring main unit (RMU), at the Sand Bypass site. Fabricate, supply and deliver 1.2-metre stainless steel (Grade 316) electrical distribution kiosks,
2.3.3	Removal from site and refurbishment of an existing 800kVA, 11kV/400V outdoor-type miniature substation (minisub) with internal arc protection and integrated ring main unit (RMU), previously located at Quay B-100, for reinstallation at Joorste Park	sum	1	R	2.3.7	complete with base plates and all required mounting accessories to securely accommodate plug points and associated switchgear, in accordance with the issued design drawings

BILL OF QUANTITIES

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3.1	2.3.1(C3)	DESIGN AND CONSTRUCT EARTH MAT AND FENCING					
3.1.1		The Contractor shall design and install the earthing system required for the miniature substation, in accordance with the specified earthing standard and SANS 10313	Su	m	1		R
3.1.2		The Contractor shall supply and install the specified mesh fencing in accordance with the requirements of the Works Information.	Su	m	1		R
_		TOTAL OF DESIGN AND CONSTRUCT EARTH MAT AND FENCING				R	-

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4.1	2.3(C3)	DECOMMISIONNING			
		Note: The decommissioning refers to the removal			
		of equipment, preparing for safe transportation			
		(e.g. draining of oil), safeguarding and			
		transporting to the identified storage area at the			
		Port of Ngqura (5km radius)			
4.1.1		Decommissioning and disconnection of existing	sum	1	D
7.1.1		11kV 2R3B 630A ring main unit at Sand bypass	Sulli	1	R
		Decommissioning and disconnection of existing			
4.1.2		630kVA 11000/400V outdoor type B Minisub at C-	sum	1	R
		100			
		Decommissioning and disconnection of existing 2 x			
4.1.3		315 KVA Pole mount transformer, and associated	sum	1	R
		poles at Joorste Park			
		Decommissioning and disconnection of existing			
4.1.4		electrical shore supply boxes at ACB, B-100 and	sum	1	R
		C-100			
		Total of Decommissioning	sum		R
		Total of Decommissioning	Suiii		, R

SUMMARY PAGE OF BILL OF QUANTITIES





SUMMARY TOTA	ALS			
A.1	Total of Preliminary and General	sum	1	R
B.2	Total of Supply, Delivery and Installation of equipment	sum	1	R
C.3	Total of Design and Construct Earth Mat and Fencing	sum	1	R
D.4	Total of Decommissioning	sum	1	R
E.5	Total of Testing	sum	1	R
	TOTAL CARRIED OVER TO FORM OF OFFER	R	-	



STAGE 3 OF EVALUATION: PREFERENCE POINT SYSTEM

(80/20) OR (90/10)

1 of 7



Only tenders that achieve the minimum qualifying score for functionality will be evaluated further in accordance with the 80/20 or 90/10 preference points systems as described in Preferential Procurement Regulations.

80 where the financial value of one or more responsive tenders received have a value up to R50 million including R50 million, inclusive of all applicable taxes, or

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90 where the financial value of one or more responsive tenders received have a value greater than R50 million, inclusive of all applicable taxes.

Thresholds	Minimum Threshold
Functionality	60

STAGE 3 OF EVALUATION: PREFERENCE POINT SYSTEM

(SPECIFIC GOALS)

CURRENT ON RFP

Specific Goals	Number of points	Number of points
	(80/20 system)	(90/10 system)
B-BBEE Status Level of Contributor 1 or 2	04	02
30% Black women Owned entities	04	02
51% Black owned EMEs and QSEs	04	02
The promotion of supplier development through subcontracting for installation of a 1.8m galvanized steel mesh fence to EMEs black owned	08	04
Non-compliant and/or Level 3-8 contributors	00	00





ADDENDUM 2

Specific Goals	Number of points (80/20 system)	Number of points (90/10 system)
B-BBEE Status Level of Contributor 1 or 2	5.00	5.00
The promotion of supplier development through subcontracting for a minimum of 30% of the value of a contract to South African companies which are: I. EMEs and/or QSEs 51% Black Owned	15.00	5.00
Non-Compliant and/or B-BBEE Level 3-8 contributors	0.00	0.00

CONDITION OF CONTRACT

Subcontracting and Job Creation

Should the evidence required for any of the Specific Goals applicable in this tender not be provided, a tenderer will score zero preference points Page for that particular "Specific Goal."





Specific Goals	Acceptable Evidence
B-BBEE Status Level of Contributor 1 or 2	B-BBEE Certificate / Sworn - Affidavit / CIPC B-BBEE Certificate (in case of JV, a consolidated B-BBEE scorecard will be accepted) as per DTIC guidelines
The promotion of supplier development through subcontracting for a minimum of 30% of the value of a contract to South African companies which are:	 Sub-contracting agreement/s Subcontractors CIPC – B-BBEE Certificate / Sworn- Affidavit / B-BBEE Certificate as per DTIC guideline
I. EMEs and/or QSEs 51% Black Owned	In case of a joint venture:
Owned	 Declaration / Joint Venture Agreement
	A consolidated JV B-BBEE scorecard



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TRANSNET

KEY POINTERS DETERMINING VALIDITY OF B-BBEE CERTIFICATE

Valid B-BBEE Certificate



VA Name

Enterprise Name (Cross referenced to Tax Clearance Certificate & Enterprise Registration No.)



COMPANY NAME

(REG No: 2003/007768/07**VAT No: 466021785) t/a

AQUA TRANSPORT AND PLANT HIRE (PTY) LTD

13 LEMANS ROAD, PINETOWN

HAS BEEN INDEPENDENTLY RATED IN TERMS OF BROAD BASED BLACK ECONOMIC

AND IS DEEMED TO BE A

LEVEL 2 CONTRIBUTOR

GENERIC ENTERPRISE

AND HAS A RECOGNITION LEVEL OF 125%

B-BBEE Status ,	Generic Codes,	& Procurement
Recog level		

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Elements verified

B-BBEE STATUS	POINTS		STATUS
Ownership Equity	20.00	Black Ownership	100%
Management Control	14.27	Black Female Ownership	20%
Skills Development	16.00	ED Beneficiary	No
Supplier &Enterprise Development	42.00	Designated Supplier	No ·
Socio-Economic Development	05.00	Certificate Number	Gen 001/2017
Priority Flements achieved	Yes	Date Issued	06/02/2017
Level discounted	No	Expiry Date	05/02/2018
Final Level	2		

Certificate Number & Validity Period

Example:

VALID B-BBEE

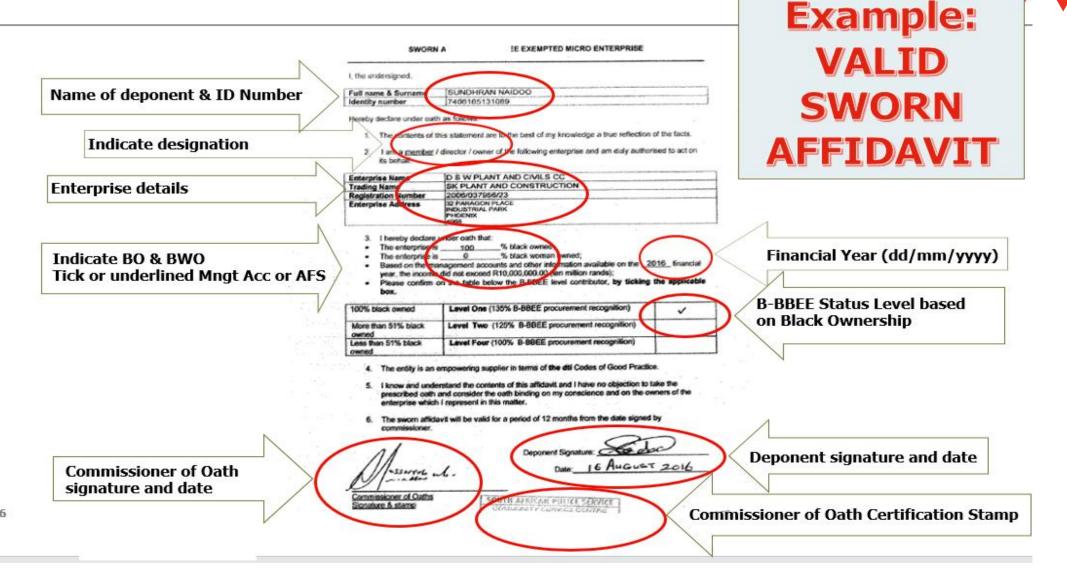
Technical Signatory



SANAS logo & BVA Number

TRANSNER

KEY POINTERS DETERMINING VALIDITY OF SWORN AFFIDAVIT

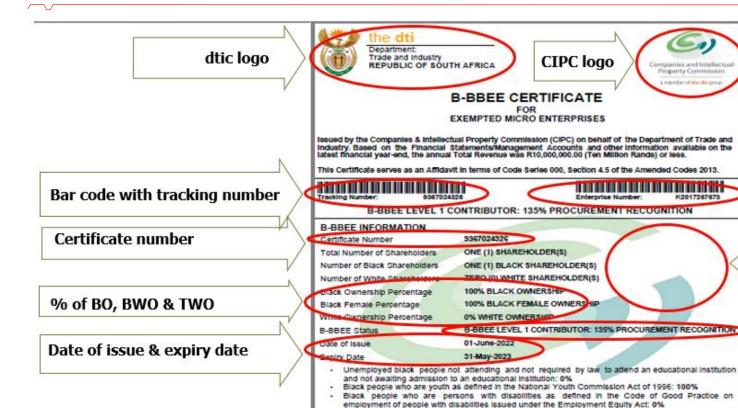


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TRANSNET

KEY POINTERS DETERMINING VALIDITY OF CIPC AFFIDAVIT





18 of 2011: 0% ENTERPRISE INFORMATION

Registration number

the dti Campus - Block F 77 Meintjies Street

Enterprise Name

Registration Date

Enterprise Type Enterprise Status

Sunnyside 0001

Black people living in rural and under developed areas: 0%

P O Box 429

Black military veterans who qualify to be called a military veteran in terms of the Military Veterans Act

Web: www.dpc.co.za

Contact Centre: 086 100 2472(CIPC)

Contact Centre (International): +27 12 394 9500

2017 / 267673 / 07

19-June-2017 Private Company

In Business

Postal Address: Companies Docex: 256

IOEL MARK (PTY) LTD

Example: VALID CIPC B-BBEE

Bar code with enterprise number

CIPC Watermark

B-BBEE Status & Proc Recog Level

6 of 7

Reg. Number & Enterprise Name

7





T2.2-17: JOB-CREATION SCHEDULE

☐ The Government has identified State Owned Enterprises sourcing activities as a key enabler to achieve the National Development Plan (NDP) objective of reducing unemployment from the current baseline of 28% to 6%.

☐ In order to give effect to these job creation objectives, Tenderers are required to provide the following undertaking of new jobs that will be created (either by them or by their subcontractors) should they be awarded this tender.

□ Tenderers to note, that if successful, any deviations from the Job creation Schedule in the contract phase will be subject to acceptance by the Project Manager in terms of the Conditions of Contract. Please also note the applicable Z clauses in Contract Data by Employer.









- 2.1.1 These schedules are required for pre-qualification and eligibility purpose
- T2.2-01 **Stage One Step 2A** as per Compulsory attendance of Site Visit: **Eligibility Criteria Schedule** Certificate of attendance at Compulsory Tender Site Visit
- T2.2-02 **Stage One Step 2B** as per valid Professional Registrations: **Eligibility Criteria Schedule** Professional Registrations with ECSA and DoEL
- T2.2-03 **Stage One Step 2C** as per Construction Industry Development Board: **Eligibility Criteria Schedules** CIDB Registration or Application for Medium Voltage Equipment and Fence

2.1.2 Stage Two: these schedules will be utilised for evaluation purposes:

- **T2.2-04 Evaluation Schedule: Tenderer's Previous Experience**
- T2.2-04a **Completion certificates** for projects involving MV installations and protection testing with **photos** of completed substations and switchgear installations, or
- T2.2-04b **Test reports** for relay commissioning and transformer installations with **photos** of completed substations and switchgear installations, or
- T2.2-04c **Reference letters** confirming scope and compliance with **photos** of completed substations and switchgear installations, or
- T2.2-04d **Form of offer with contract data** confirming scope and compliance with **photos** of completed substations and switchgear installations, and
- T2.2-04e **Completion certificate** or **reference letter** or **form of offer with contract data** for galvanized steel mesh fence



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T2.2-05	Evaluation	Schedule:	Programme
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T2.2-06	Evaluation Schedule: Quality Management
T2.2-06a	Valid ISO 9001:2015 Certification OR Quality Manual
T2.2-06b	Project Quality Plan
T2.2-06c	Curriculum Vitae indicating experience of Quality Officer
T2.2-06d	Copy/ies of qualification/s of Quality Officer
T2.2-06e	Quality Control Plan

Stage 2 Continues...



T2.2-07	Evaluation Schedule: Health and Safety Management
T2.2-07a	Project Specific Health and Safety Plan
T2.2-07b	Signed and Dated Health and Safety Policy
T2.2-07c	Emergence Procedure
T2.2-07d	Incident Management Procedure
T2.2-07e	Letter of Good Standing
T2.2-07f	Baseline risk assessment
T2.2-07g	Copy/ies of qualification/s of Safety Officer
T2.2-07h	Curriculum Vitae indicating experience of Safety Officer
T2.2-07i	Professional Registration of Safety Officer with SACPCMP
T2.2-07j	Tenderer's Organogram

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2.1.3 Returnable Schedules:

General:

Standard Bidding Document (SBD) 1

T2.2-08 Authority to submit tender

T2.2-09 Record of addenda to tender documents

T2.2-10 Letter of Good Standing for Occupational Injuries and Diseases Act (COIDA)

T2.2-11 Risk Elements

T2.2-12 Availability of equipment and other resources

T2.2-13 Schedule of proposed Subcontractors

T2.2-14 Site Establishment requirements

T2.2-15 Capacity and capability to meet delivery schedule

T2.2-16 CIDB SFU ANNEX G Compulsory Enterprise Questionnaire

T2.2-17 Job Creation



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T2.2-21	Certificate of Acquaintance with Tender Document		
T2.2-22	Service Provider Integrity Pact		
T2.2-23	Supplier Code of Conduct		
T2.2-24	Certified copy of signed joint venture agreement (where applicable)		
T2.2-25	DPIP or FPPO	2.1.4	Agreement and Commitment by Tenderer:
T2.2-26	POPIA	T2.2-18	Non-Disclosure Agreement
T2.2-27	Supplier Declaration Form	T2.2-19	RFP Declaration Form
		T2.2-20	RFP – Breach of Law

2.1.5 Bonds/Guarantees/Financial/Insurance: T2.2-28 Insurance provided by the Contractor T2.2-29 Form of Intent to provide a Performance Guarantee T2.2-30 Forecast Rate of Invoicing

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2.1.6 Stage Three: These schedules will be utilised for claiming points for preference point system (80/20 or 90/10):

T2.2-31 Main Tenderer and Subcontractor's **B-BBEE** Certificate or Sworn Affidavit or CIPC B-BBEE Certificate or Consolidated B-BBEE scorecard in case of JV, will be accepted as per DTIC quidelines.

CIPC Registration document / Owner's Identity Document

Sub-contracting agreement

2.1.7 Post Commissioning Support Returnables:

T2.2-32a Operational training manual

T2.2-32b Warranty Certificates (New and Refurbished Medium Voltage Equipment)

T2.2-32c Preventive Maintenance Schedule

T2.2-32d Optional Maintenance Contract

Not for Points Scoring

2.2 Agreement and Form of Securities

2.2.1 C1.1 Form of Offer & Acceptance

2.2.2 C1.2 Contract Data

2.3 Pricing Data

2.3.1 C2.1 Pricing Instructions

2.3.2 C2.2 Bill of Quantities





TENDERING PROCEDURE

1 of 4



RFP Information

Description:
 FOR THE DECOMMISSIONING, SUPPLY, DELIVERY, INSTALLATION

OF REFURBISHED, REPLACEMENT AND COMMISSIONING OF

MEDIUM VOLTAGE EQUIPMENT AT THE PORT OF NGQURA FOR A

PERIOD OF 12MONTHS...INCLUDING A 1.8M GALVANIZED STEEL

MESH FENCE ON ONE SITE

RFP Number: TNPA/2025/10/0043/109089/RFP

Issue Date:
10 November 2025

Non-Compulsory Clarification: 20 November 2025 from 10h00

Compulsory Site Visit: 21 November 2025 from 08h30

Closing Date: 08 December 2025 at 15h00

Tender Validity Period
 12 weeks from closing date

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TENDERING PROCEDURE

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RFP Contents : Page 3

Sections : Section 1 (RFP) 178 Pages : 1 Addendum

: Section 2 (Scope of Work & Annexures) 233 Pages

Tender Downloading : 2 Websites and 1 Notification (Free)

■ Compulsory Site Visit : 21 November 2025

The order of visiting the sites will be as follows:

(1) Firstly, to the Admin Craft Basin Jetty,

(2) Secondly, to the Berth C100,

(3) Thirdly, to the Joorste Park Office Admin Building, and

(4) Fourthly, to the Sand Bypass.

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It is compulsory for tenderers to wear hard hats, safety shoes/boots, reflective visibility vests. Tenderers without the recommended Personal Protective Equipment (PPE) will not be allowed on the site walk/visit.

It is preferable that the authorized representative/s of the tendering entity or a representative/s of a tendering entity that intends to form a Joint Venture (JV) allow any **but not limited** to the following two (2) key personnel, Electrical Engineer and/or, Installation Electrician to attend the site visit where they will enquire on the drawings, site related questions to ensure the tendering entity quotes accurately for the scope of work.

Certificate of Attendance signed by the Employer's Representative at the end of the compulsory site visit. Tenderers failing to attend the compulsory site visit will be disqualified.

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TENDERING PROCEDURE

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Tender Submission: Transnet e-Tenders platform **NOT** in a

tender box or email

Confidentiality : Page 10

Disclaimers : Page 10 to 12

Central Supplier Database : Page 12

Employer's Agent and email address : <u>TNPAPOELABOVE@transnet.net</u>

All Questions and Answers will be published : On National Treasury (eTenders) and Transnet

Late Tenders : Not Accepted

Number of contracts to be signed : One (1)

List of Returnables : For all evaluation stages

Details of List of Returnables : To be fully completed



CORRECTIONS AND/OR CLARIFICATION





SECTION 1 REVISED REQUEST FOR PROPOSAL

- 1. First page of RFP "...INLCUDING" should be INCLUDING
- Addendum 1 Correction of compulsory tender clarification meeting to "Non"compulsory
- 3. Addendum 2 Removing of Fence CIDB requirements on Stage 1 evaluation and on previous experience, X5 clause removal, specific goals which includes subcontracting of fence and conditions of contract

A Non-Compulsory Tender Clarification Meeting will be conducted virtually on Microsoft Teams on the **20**th **of November 2025**, from **10h00am** for a period of ± 2 (two) hours. To access and attend the meeting, click on the link: Medium Voltage Equipment Tender CLARIFICATION MEETING Despite the clarification meeting being non-compulsory, Transnet nevertheless encourages all tenderers to attend. Transnet will not be held responsible if any tenderer who did not attend the non-compulsory

thereof.

clarification meeting subsequently feels disadvantaged as a result

NON-COMPULSORY CLARIFICATION MEETING







QUESTIONS AND ANSWERS











PRESENTATION, MEETING MINUTES, QUESTIONS & ANSWERS WILL BE PUBLISHED ON THE ADVERT WEBSITES



