



Compulsory Tender Clarification Meeting

FOR THE: SUPPLY, DELIVERY AND INSTALLATION OF VARIOUS CABLES FOR THE EASTERN
SUBSTATION CABLE REPLACEMENT IN THE PORT OF RICHARDS BAY

Date: 16 November 2023

Time: 10h00

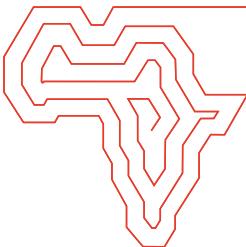
Tender Number: TNPA/2023/08/0014/38527/RFP

SUPPLY, DELIVERY AND INSTALLATION OF CABLE REPLACEMENT

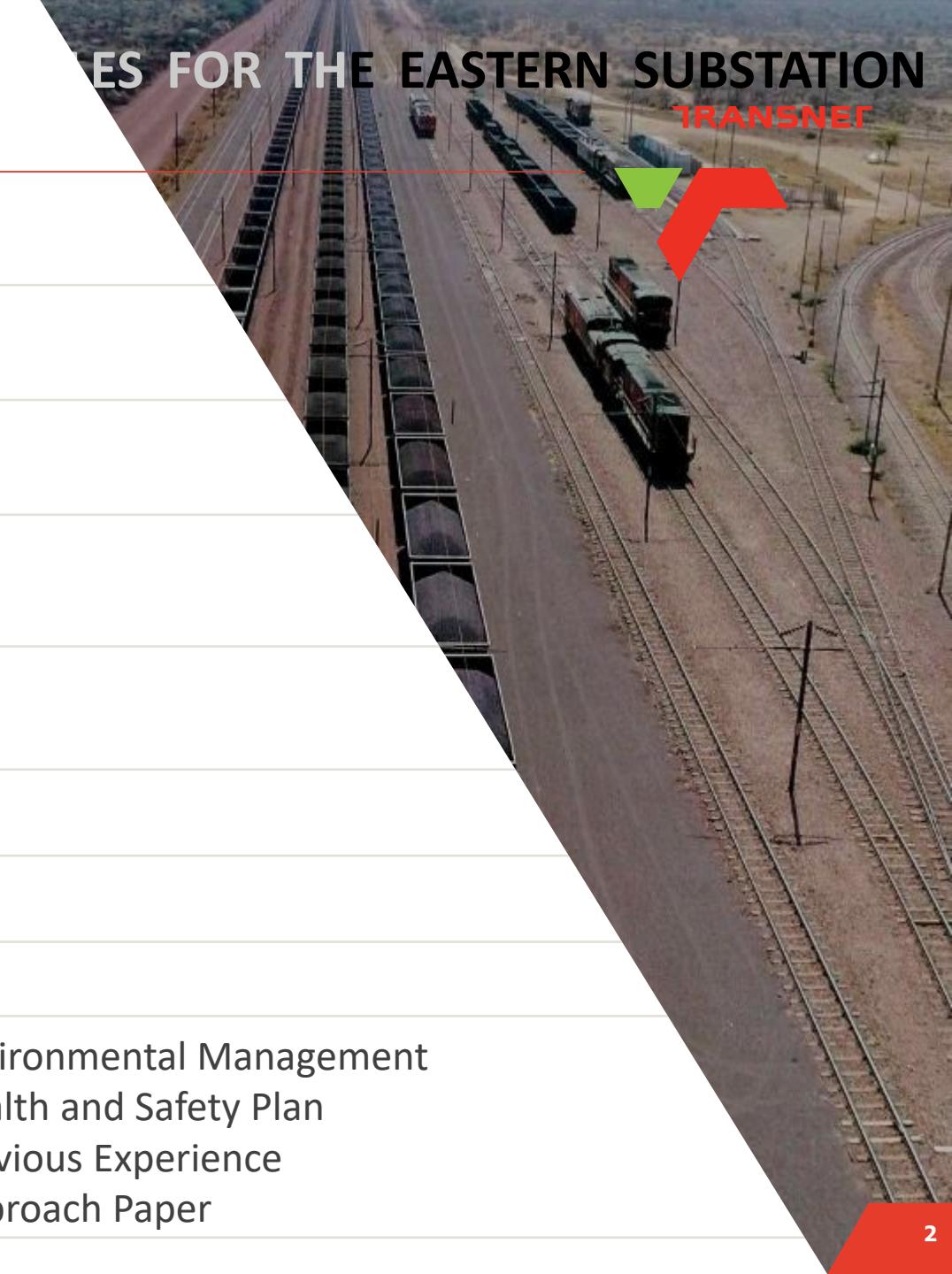
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ES FOR THE EASTERN SUBSTATION

TRANSNET



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- 06 Tendering Procedure
- 07 Enterprise and Supplier Development
- 08 Technical Evaluation
 - Programme
 - Qualifications and CVs of key personnel
 - Quality Management
 - Environmental Management
 - Health and Safety Plan
 - Previous Experience
 - Approach Paper





Welcome and Introductions



MEETING PURPOSE AND OBJECTIVE

The purpose of this meeting is to explain the scope of works and go through the tender requirements in detail for the Request for Proposal (RFP) **TNPA/2023/08/0014/38527/RFP** advertised on the **07/11/2023** on the CIDB Website, National Treasury e-Tender Portal and Transnet Website.

The objective of this meeting is to:

1. Ensure that the *Employer's* objectives are well understood;
2. Building an environment for business (and projects) success.

To report any fraud, tip-offs anonymous: 0800 003 056 or transnet@tip-offs.com

- Please ensure that your cellphones are on silent mode in order not to disturb the presentation process.
- No pictures to be taken as the attendance register and presentation will be sent to all companies in attendance.
 - **SAFETY INDUCTION**

Project Overview/Background

Overview/Background



This document covers the scope of work for the replacement of cables in the Eastern area of the Port of Richards Bay. The cables have been in service for more than twenty-five (25) years and are now due for replacement.

This specification provides supply and installation requirements for the replacement of Low Voltage, Medium Voltage and Fibre optic cables in various locations between Carina, Eastern intake, Admin, Arrivals, Sorting Yard and Liquid Pitch substations, and associated Works.

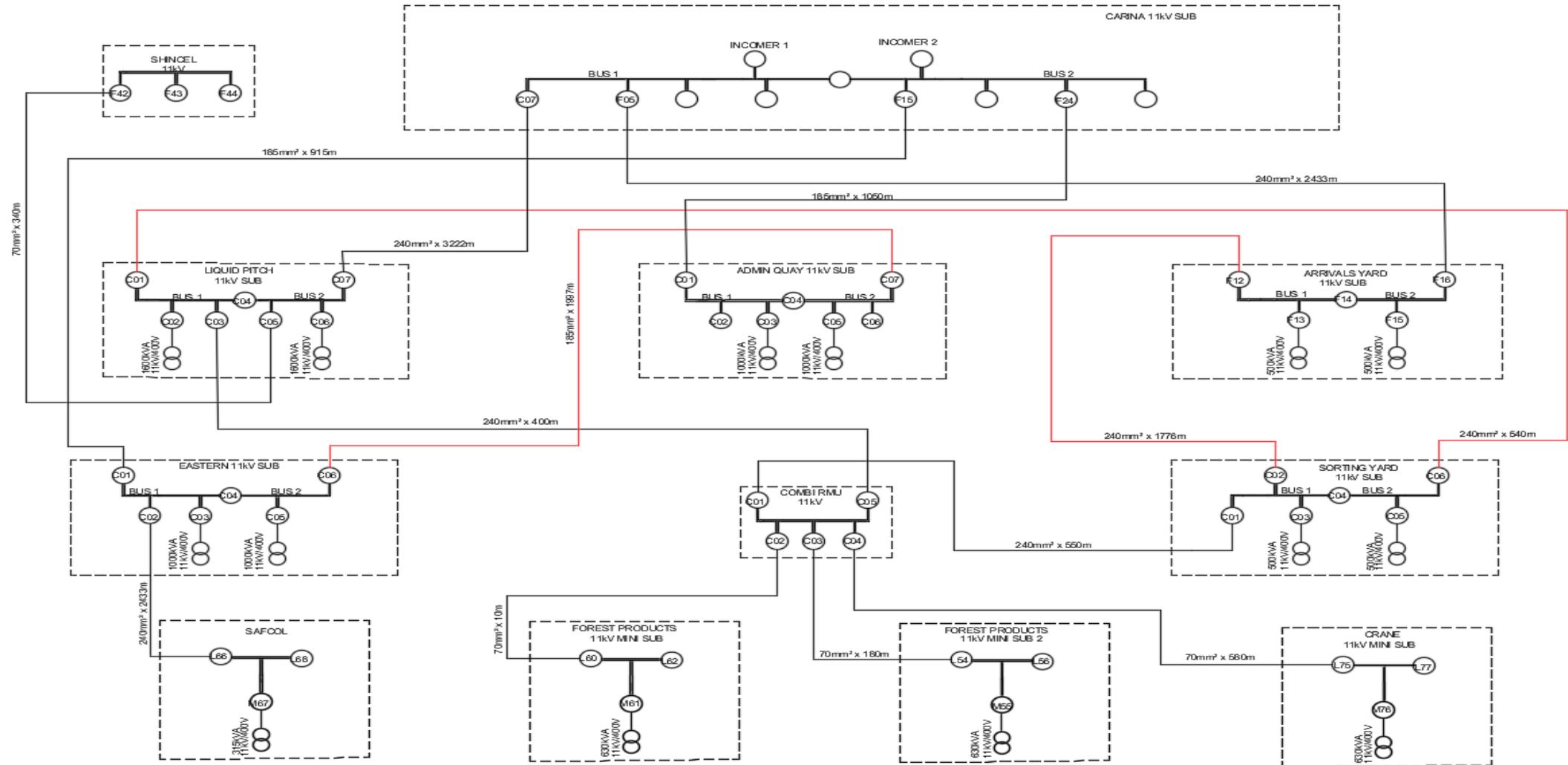
The works that the Contractor is to perform involve:

The electrical Contractor provides all plant, materials, equipment, labour, and services necessary for the complete and efficient operation of the electrical installation in accordance with the intent of the specification. All equipment and material comply with the requirements and standards as described in this document.

Overview/Background (continued)



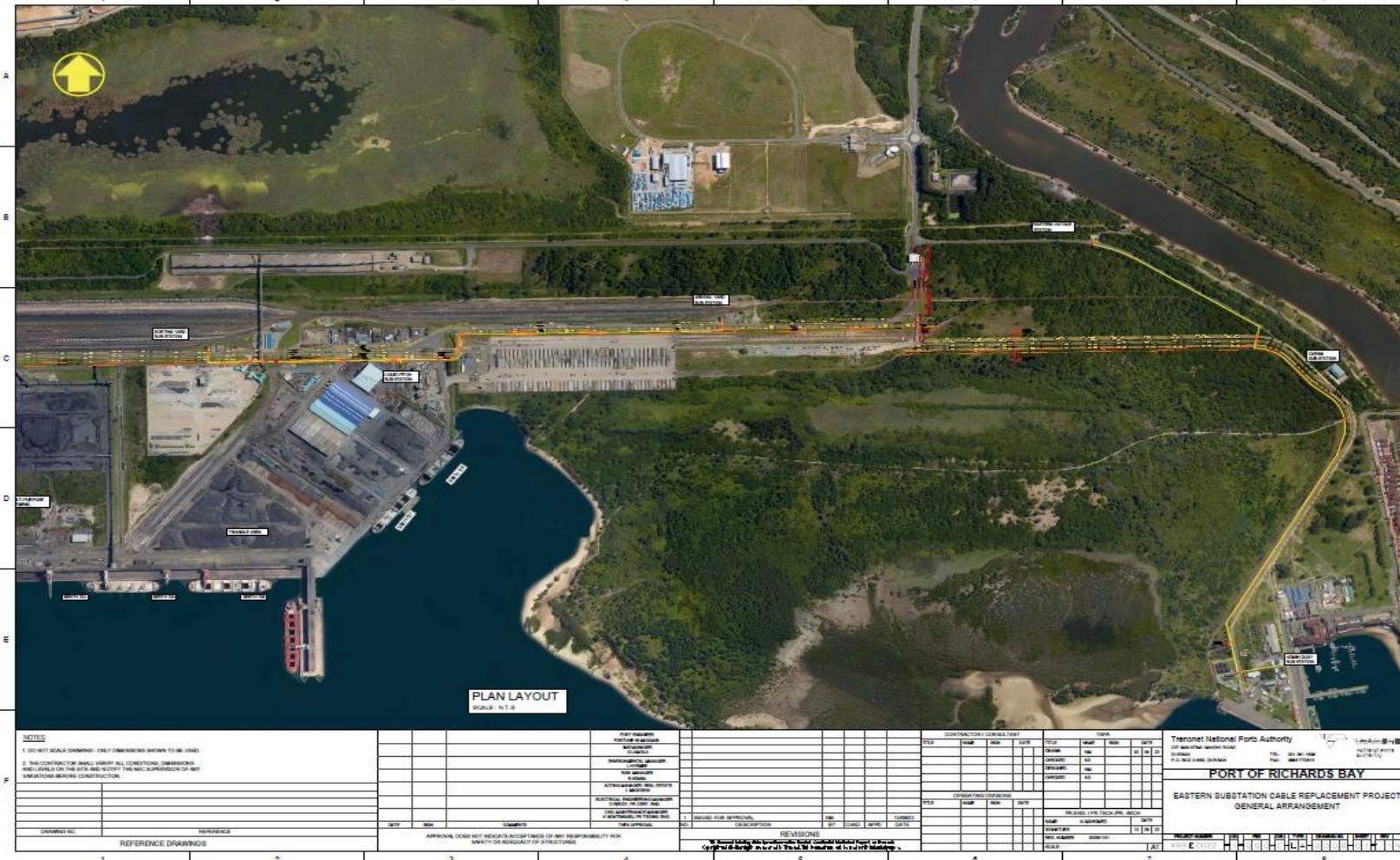
Figure 1: Existing Carina Medium Voltage Network



Overview/Background (continued)



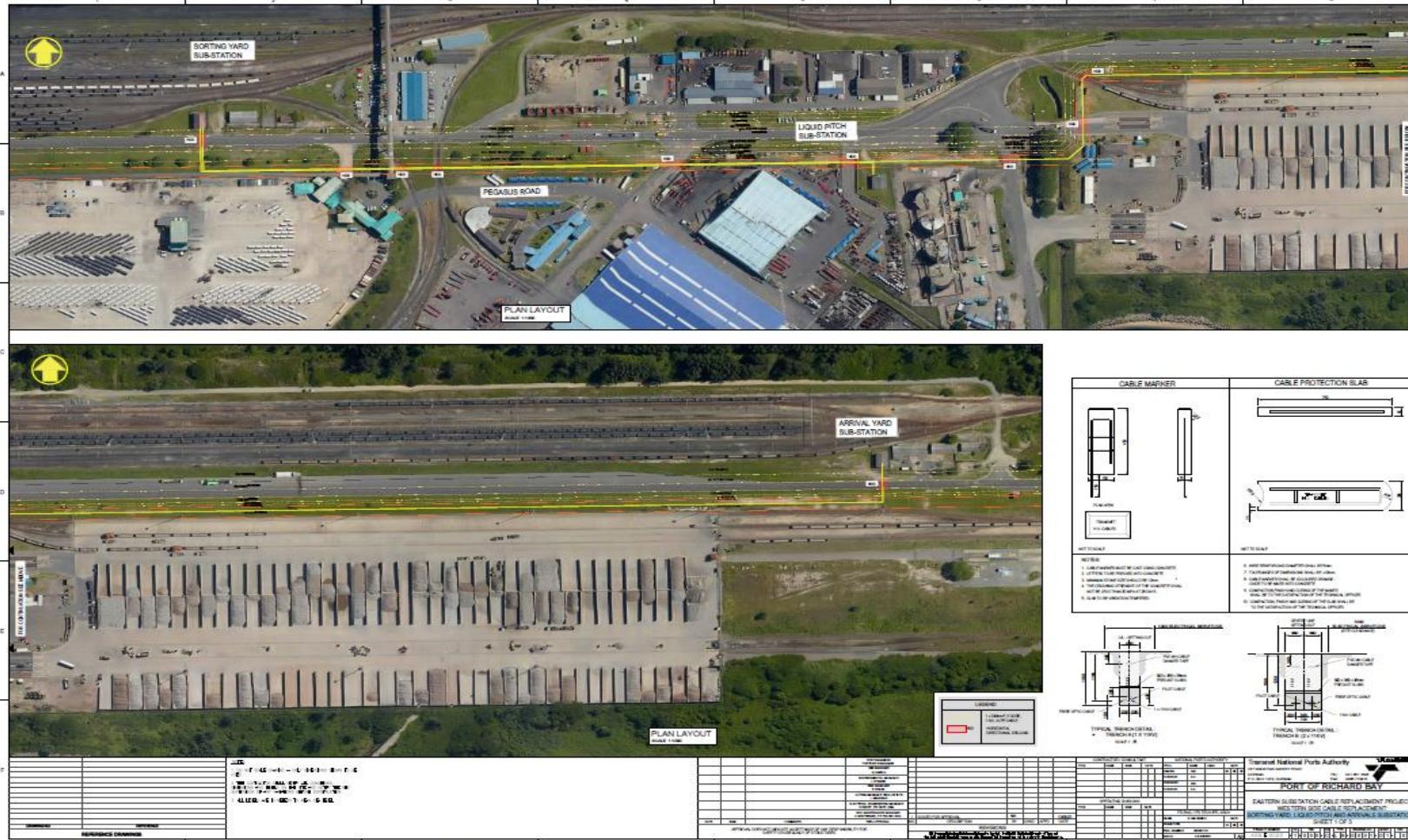
Figure 2: Aerial View cable replacement from Admin substation to East substation



Overview/Background (continued)



Figure 3: Aerial View cable replacement from Sorting yard, Liquid pitch and Arrivals substations



Overview/Background (continued)



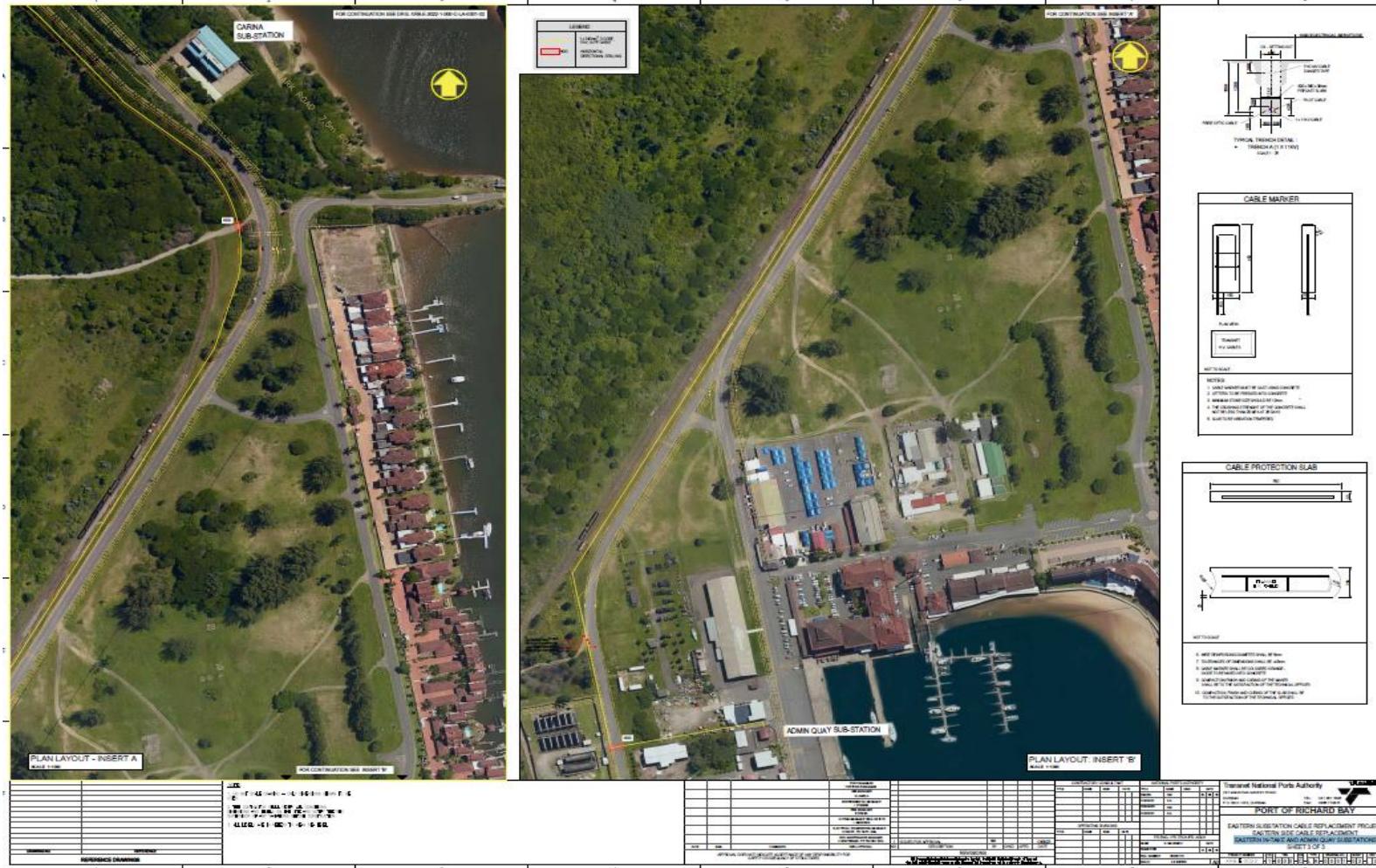
Figure 4: Aerial View cable replacement from Eastern in-take and Admin Quay substations



Overview/Background (continued)



Figure 5: Aerial View cable replacement from Eastern in-take and Admin Quay substations





SCOPE OF WORK

Scope of Work



The Scope of Work includes the **SUPPLY, DELIVERY AND INSTALLATION OF VARIOUS CABLES FOR THE EASTERN SUBSTATION CABLE REPLACEMENT IN THE PORT OF RICHARDS BAY**, but is not limited to, the following:

- General Civil Works
- Site Clearance, Earthworks & Layer works
- Electrical Engineering Works

General Civil Works

The Contractor shall construct all Civil works including excavations and works to hardstand areas where required in accordance with this section and all other relevant Standards and Specifications even though not necessarily explicitly mentioned herein.



Scope of Work (continued)

Site Clearance, Earthworks & Layer works

The works for the site clearance, earthworks and layer works where the Contractor is required to trench and lay sleeves etc. according to the Works Information, includes the following:

- Clearing of site.
- Exposing of existing services where required.
- The Contractor to make good of the site as it was before they did any construction or site works, including disturbed layer works
- Construction of kerbs, fillet and channels where disturbed by the Contractor.
- Grassing and final landscaping where the Contractor has disturbed existing greenery.
- Concrete encasement, where required
- Directional drilling where indicated.
- And any other work arising out of or incidental to the above or required of the Contractor for the proper completion of the works.

Electrical Engineering Works

The scope to be carried out by the Contractor shall include but not be limited to the following:

- The supply, delivery and installation of cabling and terminations, to associated infrastructure.
- Test and commission the entire installation and hand over to the Employer.



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ACCESS TO SITE LAYDOWN AREA



Access To Site Laydown Area



SITE ACCESS

Site access certificate will be granted to the successful bidder. No site access certificate will be issued until the SHE file has been approved by the *Employer*. The SHE file shall be submitted 2 weeks after award of the contract.

LAYDOWN AREA

During the site visit, familiarize yourself with the type of services on site, the circumstances in which the work is to be done, the methods of access to the location, any restrictions or other authorities, and anything else that might have an impact on the contract.

The Contractor's site establishment area(s) is to be within the boundary of the area that will be confirmed with the successful Contractor after award and shall be clearly sign posted and be compliant with the relevant safety regulations and restrictions that might be in place until the Contractor has de-established from site.



COMMERCIAL

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**PLEASE GO TO NATIONAL TREASURY E-TENDER PUBLICATION PORTAL AT www.etenders.gov.za
TO DOWNLOAD ALL DOCUMENTS INCLUDING ALL ANNEXURES RELATED TO THIS PROJECT;**

- **CLARIFICATION REGISTERS;**
- **ADDENDUMS.**

All communications whether general, commercial or technical to go via the Procurement Department directed to: **Kabelo Zondo , in writing.**

Email – Kabelo.Zondo@transnet.net

All communication will be sent via a **clarification register** and will be e-mailed to all attendees of this clarification meeting and posted on the Transnet and National Treasury Portal.

Commercial (continued)



- Please complete the **attendance register** and ensure that the contact details are correctly recorded (as these contact details will be used to issue all clarifications and addendums).
- Last day for Clarification – **Five working days before the closing date (23 November 2023, 16:00pm).**
- Electronic Tenders Documents must be legible.
- **Tenderers need to familiarize themselves with the Transnet e-tender portal and avoid uploading on the last day.**



TENDERING PROCEDURE

TENDERING PROCEDURES

Tender closing date: **30 November 2023 at 16h00** via the **new electronic tender submission system, the e-Tender Submission Portal**

“HOW TO” GUIDE FOR BIDDERS IS INCLUDED IN THE TENDER (ALLOW TIME)

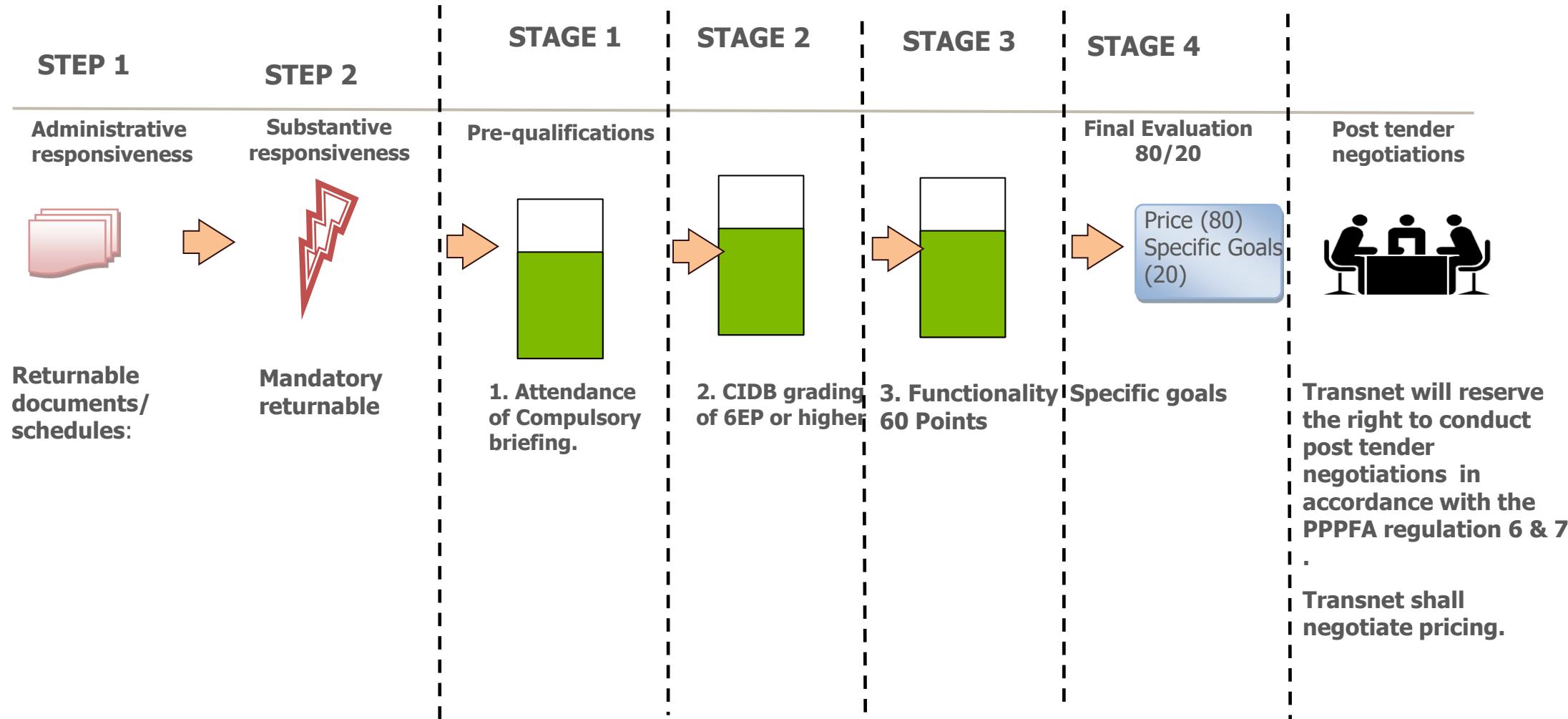
NO EXTENSIONS TO THIS DATE WILL BE ENTERTAINED

NO LATE TENDERS WILL BE CONSIDERED

All T2 Returnable documents must be signed off and submitted as part of the Tender Document



EVALUATION METHODOLOGY





Tendering Procedure (continued)

- Stage One - Eligibility with regards to attendance at the compulsory clarification meeting:

Ensure your Compulsory Clarification Meeting Returnable is signed today and returned with your tender.

- Stage Two – CIDB 6EP or higher Grading
- Stage Three – Functionality (minimum qualifying score for functionality is **60 points**)

Sub-criteria	Sub-criteria points
T2.2-03: Programme	12
T2.2-04: Qualifications and CVs of key personnel	23
T2.2-05: Quality Management	10
T2.2-06: Environmental Management	10
T2.2-07: Health and Safety Plan	15
T2.2-08: Previous Experience	20
T2.2-09: Approach Paper	10
Maximum possible score for Functionality	100



- The tenderer is required to submit all documents as stated in **C.2.23 of the tender data** and the tender offer will only be accepted if the tenderer complies with **C3.13 of the tender data** such as:
 - ✓ A valid Tax Clearance Certificate issued by the South African Revenue Services. Tenderers also to provide Transnet with a TCS PIN to verify Tenderers compliance status.
 - ✓ A valid B-BBEE Certificate from a Verification Agency accredited by the South African Accreditation System [SANAS], or an affidavit confirming annual turnover and level of black ownership in case of all EMEs and QSEs with 51% black ownership or more together with the tender;
 - ✓ Proof of registration on the Central Supplier Database
 - ✓ Letter of Good Standing with the Workmen's compensation fund by the tendering entity or separate Letters of Good Standing from all members of a newly constituted JV.
 - ✓ A valid CIDB certificate in the correct designated grading.

•Please submit on a company letter head: name of company, contact numbers, contact person



Tendering Procedure (continued)

Contract Data

- NEC 3 ECC
- Main Option B – Priced contract with bill of quantities
- Secondary Clauses
 - X2: Changes in the law
 - X7: Delay damages: R2 500.00 per day
 - X13: Performance Bond: 5% of the total of the Prices (Incl. VAT)
 - X16: Retention: 10% on all payments certified
 - X18: Limitation of liability
 - Z: Additional conditions of contract

Start Date: 15 January 2024

Completion Date for the Whole of The Works – 14 October 2024



Upload of Submission:

1. Register your Intent to tender on the Tender Management Portal a.s.a.p.
2. Scan & upload the Functionality Criteria with back up individually.
 - T2.2-03 Programme – with back up
 - T2.2-04 Management and CVs of Key Personnel – with back up
 - T2.2-05 Quality – with back up
 - T2.2-06 Environmental Management – with back up
 - T2.2-07 Health & Safety Plan – with back up
 - T2.2-08 Previous Experience – with back up
 - T2.2-09 Approach Paper – with back up
3. Upload the **full submission** with all the back up. (this pack should be broken up in Parts as the portal upload size is 29 Megabits)
4. Do not compress your submission, as we might not be able to read your submission. Rather break your submission up into Parts. Number them accordingly.
5. Make sure of your scanned document orientation.
6. **Take screen shot of your uploads and keep safe.**
7. **Don't wait until the last minute to submit your tender document.**



EVALUATION CRITERIA: SPECIFIC GOALS

Supplier Development Team



Preference Points System:

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

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

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Evaluation Criteria	Final Weighted Scores
Price	80
Specific goals - Scorecard	20
TOTAL SCORE:	100

SPECIFIC GOALS



Selected Specific Goal	Number of points allocated (80/20)
B-BBEE Status Level of Contributor 1 or 2	10.00
30% black women owned entities	5.00
+50% black youth owned Entities	5.00
Non-Compliant and/or B-BBEE Level 3-8 contributors	0.00

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

(ACCEPTABLE EVIDENCE REQUIRED FOR CLAIMING SPECIFIC GOALS)

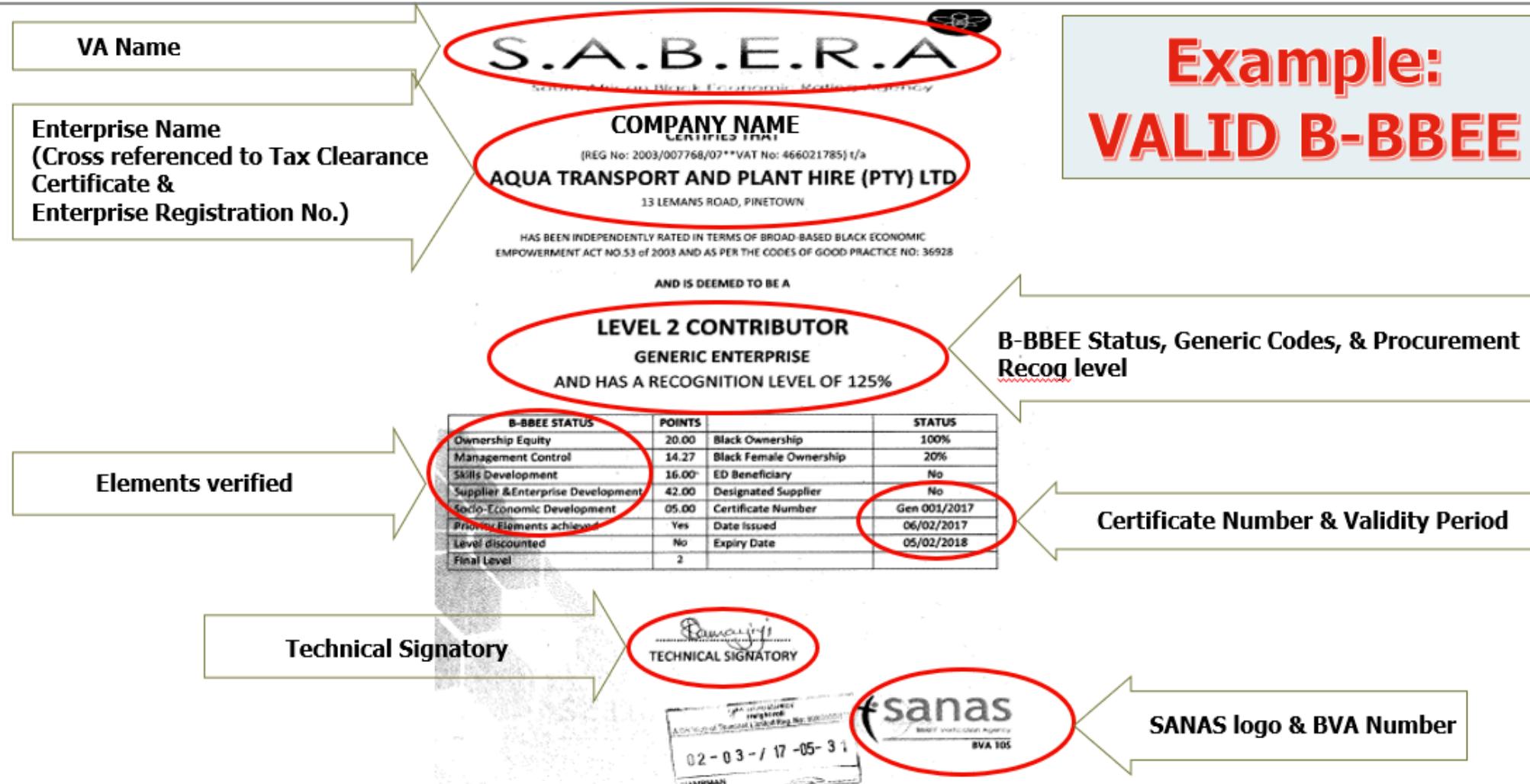
The following Table represents the evidence to be submitted for claiming preference points for applicable specific goals in this tender:

Specific Goals	Acceptable Evidence
B-BBEE Status Level of Contributor 1 or 2	<ol style="list-style-type: none">1. Valid B-BBEE Certificate /2. Sworn-Affidavit /3. CIPC B-BBEE Certificate (in case of JV, a consolidate scorecard will be accepted) as per DTIC guidelines
30% black women owned entities	<ol style="list-style-type: none">1. Valid B-BBEE Certificate /2. Sworn-Affidavit /3. CIPC B-BBEE Certificate (in case of JV, a consolidate scorecard will be accepted) as per DTIC guidelines.4. Certified copy of ID Documents
+50% black youth owned Entities	<ol style="list-style-type: none">1. Certified copy of ID Documents of the Owners and valid B-BBEE Certificate /2. Sworn- Affidavit /3. CIPC B-BBEE Certificate (in case of JV, a consolidated scorecard will be accepted) as per DTIC guideline



Key Pointers determining the validity of B-BBEE Certificate:

Valid B-BBEE Certificate



Key Pointers determining the validity of B-BBEE Sworn – Affidavit:

Valid B-BBEE Sworn Affidavit

SWORN A IE EXEMPTED MICRO ENTERPRISE	
I, the undersigned,	
Full name & Surname	SUNDHIRAN NAIDOO
Identity number	7406165131089
Hereby declare under oath as follows:	
<ol style="list-style-type: none"> The contents of this statement are to the best of my knowledge a true reflection of the facts. I am a member / director / owner of the following enterprise and am duly authorised to act on its behalf. 	
Enterprise Name	ID: S W PLANT AND CIVILS CC
Trading Name	SK PLANT AND CONSTRUCTION
Registration Number	2006/037956/23
Enterprise Address	32 PARAGON PLACE INDUSTRIAL PARK PHOENIX 40006
<ol style="list-style-type: none"> I hereby declare under oath that: <ul style="list-style-type: none"> The enterprise <u>100</u> % black owned The enterprise is <u>0</u> % black woman owned; Based on the management accounts and other information available on the <u>2016</u> financial year, the income did not exceed R10,000,000.00 (ten million rands); Please confirm on the table below the B-BBEE level contributor, by ticking the applicable box. 	
100% black owned	Level One (135% B-BBEE procurement recognition) <input checked="" type="checkbox"/>
More than 51% black owned	Level Two (125% B-BBEE procurement recognition) <input type="checkbox"/>
Less than 51% black owned	Level Four (100% B-BBEE procurement recognition) <input type="checkbox"/>
<ol style="list-style-type: none"> The entity is an empowering supplier in terms of the dti Codes of Good Practice. I know and understand the contents of this affidavit and I have no objection to take the prescribed oath and consider the oath binding on my conscience and on the owners of the enterprise which I represent in this matter. The sworn affidavit will be valid for a period of 12 months from the date signed by commissioner. 	
Commissioner of Oaths Signature and date	 Commissioner of Oaths Signature & stamp
Deponent signature and date	 Deponent Signature: <u>John Doe</u> Date: <u>16 AUGUST 2016</u>
Commissioner of Oath Certification Stamp	

**Example:
VALID
SWORN
AFFIDAVIT**

Key Pointers determining the validity of CIPC B-BBEE Certificate:

Valid CIPC B-BBEE Certificate



The image shows a sample CIPC B-BBEE Certificate for EXEMPTED MICRO ENTERPRISES. The certificate is issued by the Companies and Intellectual Property Commission (CIPC) on behalf of the Department of Trade and Industry (dti). It is valid for B-BBEE LEVEL 1 CONTRIBUTOR: 135% PROCUREMENT RECOGNITION. The document includes sections for B-BBEE INFORMATION, ENTERPRISE INFORMATION, and a footer with contact details and a South African flag watermark.

dtic logo

Bar code with tracking number

Certificate number

% of BO, BWO & TWO

Date of issue & expiry date

CIPC logo

Example: VALID CIPC B-BBEE

Bar code with enterprise number

CIPC Watermark

B-BBEE Status & Proc Recog Level

Reg. Number & Enterprise Name

7

33

QUESTIONS & ANSWERS SESSION:



Question
&
Answer



TECHNICAL EVALUATION SCHEDULE

PROGRAMME



The Tenderer makes reference to his proposed programme and attaches it to this schedule along with draft progress tracking sheets and an electronic native version of the programme developed using a scheduling software tool.

The tenderer shall provide the proposed programme detailed to minimum of level 3 showing as a minimum the following:-

- **Ability to provide the services:**

Ability to provide the services in terms of the *Employer's* requirements within the required timeframe indicating, in a logical sequence, the order and timing of the services that will take place in order to Provide the Works clearly indicating the capacity & capability to achieve the dates stated in the Contract Data.

- **Provision of Dates:**

The *Contractor* clearly indicates in the schedule all milestones, activities & information related to the following –

1. Float,
2. Time Risk Allowances,
3. Health and safety requirements,
4. Procedures set out in this contract,

PROGRAMME EVALUATION SCHEDULE (continued)



5. Work by the *Employer* and Others,
6. Access to a part of the site if later than its *access date*,
7. Acceptances,
8. Plant & Materials and other things to be provided by the employer,
9. Information by Others,
10. *starting date, access dates, Key Dates and Completion Date*
11. planned Completion for each Key Date for each option and the complete works

▪ **Resourcing & Equipment:**

The *Contractor* indicates for each operation, a statement of how the *Contractor* plans to do the work identifying the principal Equipment and other resources which he plans to use. Resources & equipment are loaded against activities with their associated rates.

▪ **Progress Measurement & Tracking Sheets:**

The *Contractor* provides draft progress tracking sheets indicating how he plans to monitor and track the works at assembly member & commodity level. Sheets to have work steps and weight factors which roll up to a summary report.

Qualification & CVs of Key Persons



QUALIFICATION & CVS OF KEY PERSONS EVALUATION SCHEDULE



1. The experience of assigned key persons in relation to the scope of work will be evaluated from three different points of view, namely:
 - i. **General experience** (total duration of construction activity) and positions held of each discipline specific team member.
 - ii. The **education, training, and skills** of the assigned staff in the specific sector, field, subject, etc. which is directly linked to the scope of work. Proof of education and training must be attached to the C.V.
 - iii. The **key staff members' / experts' knowledge** of issues that the tenderer considers pertinent to the project e.g., local conditions, affected communities, legislation, techniques, etc.
2. Comprehensive CV's should be attached to this schedule:

As a minimum, each CV should address the following, but not limited to;

- i. Personal particulars
 - a. Name
 - b. Date and place of birth
 - c. Place (s) of tertiary education and dates associated therewith
 - d. Professional awards



QUALIFICATION & CVS OF KEY PERSONS EVALUATION SCHEDULE (continued)

- ii. Qualifications (degrees, diplomas, grades of membership of professional societies, and professional registrations)
- iii. Name of current employer and position in enterprise
- iv. Overview of post-graduate experience (year, organization, and position)
- v. Outline of recent assignments/experience that has a bearing on the scope of work

3. CV's for personnel for all identified posts should include as a minimum but not limited to:

a. **SENIOR SITE MANAGEMENT:**

i. **Contracts Manager X 1,**

The contracts Manager should at least have a BSc/B-Tech Civil/QS/Construction qualification and more than 10 years of experience in Civil Construction and Electrical installation works, unless the incumbent can demonstrate that he/she has developed the necessary competencies and experience working with the NEC3 Engineering and Construction Contract Option chosen for this contract, is necessary.



QUALIFICATION & CVS OF KEY PERSONS EVALUATION SCHEDULE (continued)

ii. Construction Manager X 1,

Construction Manager should at least have a BSc/B-Tech Civil/QS/Construction qualification and more than 10 years of experience in Civil Construction and Electrical installation works, unless the incumbent can demonstrate that he/she has developed the necessary competencies and experience working with the NEC3 Engineering and Construction Contract Option chosen for this contract, is necessary.

iii. Lead Planner X 1,

The lead planner should have more than 10 years of experience working in Civil construction and Electrical installation works as a planner and experience working with the NEC3 Engineering and Construction Contract Option chosen for this contract. In addition, the Lead planner must have a qualification within the Engineering and Electrical environment disciplines.

a. GENERAL FOREMEN (Precast Concrete elements, civil works and electrical works)

i. Civil Foremen X 2,

General Foremen should have more than 10 years of experience in electrical construction and civil works. Qualification is preferred but not compulsory if the incumbent can demonstrate that she/he has developed the necessary competence through experience.



QUALIFICATION & CVS OF KEY PERSONS EVALUATION SCHEDULE (continued)

c. SITE OFFICERS

i. Quality Officer X 1,

Quality officer should have a relevant Degree/Diploma. The Quality officer should have Electrical and civil experience in construction and working with the NEC3 Engineering and Construction Contract Option chosen for this contract. More than 5 years of experience in a quality systems environment and relevant experience in electrical cable installation projects is required.

ii. Environmental Officer X 1,

Environmental Officer should have a BSc degree /National Diploma in Environmental Management/Science with 1-2 years of experience in implementing environmental management functions in Construction sites.

iii. Health & Safety Officer X 1,

Health and Safety Officer should be registered as a Health and Safety Officer with SACPCMP with more than 5 years of experience on Electrical/civil construction projects and have a SAMTRAC or an equivalent training course as a minimum qualification.

iv. Electrical Engineer / Technologist

The Electrical Foreman must have a minimum of NTC 4 Trade Certificate in Electrical Engineering with at least 10 years of experience in Electrical MV and LV projects.

Quality Management

QUALITY MANAGEMENT EVALUATION SCHEDULE



Due consideration must be given to the deliverables required to execute and complete the contract as per the Quality Management Standard stated in the Works Information and should include but not be limited to:

1. The **Project Quality Plan (PQP)** details how the Contractor's Quality System will be applied to the Scope of Work specified in the contract and shall include the following as key elements:
 - 1) Include a description of the Contractor's Project organization, with key positions and responsibilities identified and individuals named. The organization structure shall also indicate resources committed to the management and co-ordination of Quality Assurance/Quality Control (QA/QC) activities.
 - 2) Provide a description of how documents provided by Transnet to the Contractor are to be managed. Documentation management/control
 - 3) Include all quality activities relevant to the Scope of Work, identifying all procedures, reviews, audits, controls and records used to control and verify compliance with specified Contractual requirements.
 - 4) Include a listing of all Quality Control Plans (QCP's) and associated Field Inspection Checklist (FIC'S), as applicable.
 - 5) Include a listing of all Special Processes (e.g. terminations, non-destructive testing, Testing and Commissioning etc.) envisaged for use.
 - 6) Control of externally provided services.

QUALITY MANAGEMENT EVALUATION SCHEDULE



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QUALITY CONTROL PLAN



Quality Control Plan No. _____			Revision: _____	Date Issued: _____						
Contract No. _____			Description: _____	Item No. _____						
Contractor _____			Location: _____							
Activity No.	Activity Description	Procedure Reference / Code Specification	Specification Acceptance Criteria	Verifying Document / Report / Certificate	Verification/Witness					
					Contractor		AIA		TCP	
					Action	Sign	Action	Sign	Action	Sign
Rev	Date	Reason for Revision	Drawn	Checked	<div style="border: 1px solid black; padding: 10px; text-align: center;"> ACTION H - Hold, Mandatory Hold Point R - Review (Verify) only W - Witness S - Surveillance NOTE: H & W points require formal notification to TCP </div>					

10/03



QUALITY MANAGEMENT EVALUATION SCHEDULE (continued)

- 2. **Quality Control Plan (QCP)** specific to the Project but not limited to:
 - 1. Deep excavation for cables.
 - 2. Terminations of 11Kv cables and splicing of Fibre.
 - 3. Testing and commissioning the installation of 11kV Cables and Fibre.

- The Quality Control Plan shall be Project Specific as per the Scope of Work and shall include the following as key elements:
 - 1. Detailed sequence of activities (construction/fabrication)
 - 2. Include all procedures/code specifications
 - 3. Include all intervention points (i.e. hold, witness, verify)
 - 4. Include all Verification documentation/Field inspection checklist
 - 5. Include all relevant signatories (i.e. Contractor, Approved Inspection Authority (AIA), Transnet)
- This QCP shall identify all inspection, test, and verification requirements to meet Contractual obligations, specifications, drawings, and related details including destructive and non-destructive testing, witness, and hold points.

QUALITY MANAGEMENT EVALUATION SCHEDULE (continued)

- 3. A signed **Quality Policy** based on International Organisation for Standardisation (ISO 9001) that displays the five key policy requirements. These requirements include:
 - 1. Is appropriate to the purpose and context of the organization and supports its strategic direction,
 - 2. Provides a framework for setting quality objectives,
 - 3. Includes a commitment to satisfy applicable requirements,
 - 4. Includes a commitment to continual improvement of the quality management system, and
 - 5. Is communicated and understood within the organization.

ENVIRONMENTAL MANAGEMENT

ENVIRONMENTAL EVALUATION SCHEDULE



- The Tenderer must review the following documents in preparation to meeting the environmental requirements, namely:
 - a) Transnet Integrated Management System (TIMS) Policy Commitment Statement.
 - b) Transnet Construction Environmental Management Plan Rev 04 (CEMP).
 - c) Transnet Standard Environmental Specifications Rev 04 (SES).
 - d) TNPA Port of Richards Bay Maintenance Plan, 2017.
- 1. The tenderer must provide a project specific Environmental Management Plan. This plan must be clear on the following:
 - a. A description of the environmental impacts that need to be avoided, managed and mitigated, a description of how those impacts will be avoided, managed and mitigated (impact management actions).
 - b. The method and frequency of monitoring the implementation of the impact management actions.
 - c. A description of how the environmental incidents will be managed on site.
 - d. An indication of the roles and responsibilities in the implementation of the impact management actions.
 - e. Records to be kept.
 - f. How non-conformance/non-compliance will be dealt with.

ENVIRONMENTAL EVALUATION SCHEDULE (continued)



2. The tenderer must provide an **environmental policy** signed by Top Management that displays the following key components, namely:
 - Commitment to **comply with all applicable environmental laws, regulations and standards**
 - Commitment to **pollution prevention**
 - Emphasize the organisation's commitment to continual improvement in environmental performance
 - Address the sustainable use of resources/ resource conservation
 - Is communicated to all employees working for or on behalf of the Contractor

An unsigned or undated Policy will be allocated a score of 20

3. Provide an **organogram** depicting key environmental staff. An organogram must be accompanied by CV's showing staff competencies, experience and environmental qualification (Degree/Diploma) relevant to project environmental management functions.
4. The tenderer must provide a list of projects where construction environmental management duties have been executed including a brief description of such duties.
5. Declaration of Understanding to demonstrate understanding of Transnet's environmental governance framework and enough financial provision for compliance with the requirements.



HEALTH AND SAFETY REQUIREMENTS



HEALTH AND SAFETY REQUIREMENTS SCHEDULE



Submit the following documents as a minimum with your tender:

1. The Tenderer must provide their Contract specific health and safety plan, and proof of registration with DOL as an electrical contractor
2. Safety, Health & Environmental Policy current, dated, and signed by the Chief Executive Officer. List the five elements -
 - Commitment to Safety, prevention of pollution, prevention of ill health
 - Continual improvement,
 - Compliance with legal requirements, appropriate to the nature of the contractor's activities,
 - Hold management accountable for the development of the safety systems
 - Include objectives and targets.
3. Organogram with Roles & Responsibilities dated and signed, such as S16.1 CEO, 16.2, CR8.1 Construction manager, CR8.2 Assistant Construction Manager, CR8.5 Health and Safety officer, CR8.7 Construction Supervisor, CR8.8 Construction assistant supervisor, CR9.1 Risk Assessor, 17.1 SHE Reps, etc. as per the Occupational health and safety Act 85 of 1993
4. List of job categories for the project and competencies required per category and develop a training Matrix for all employees who will be working on the project. This matrix must include Management and highlight training planned dates.
5. Overview of the project-specific Baseline Risk Assessment (RA), indicating major activities of the project namely; Supply, Delivery, Installation of Various Cables, and handover of the following package for The Eastern Substation Cable Replacement in The Port of Richards Bay:

HEALTH AND SAFETY REQUIREMENTS SCHEDULE (continued)



Civil works will include;

- Excavations and water control
- Identify Underground services, other existing services, cable and pipe trenches
- Pipe trenching
- Backfill trenches

Electrical works will include;

- Installation of 11Kv power cables and fibre cables
- Connect to substations
- Copper earth conductors

Testing and Commisiong of all new installations to the substations;

6. One year synopsis of SHE incidents, description, type, and action taken to prevent re-occurrence.
7. Complete and return with tender documentation the Contractor Safety Questionnaire with supporting evidence included in this Evaluation Schedule as a returnable.
8. Evidence that the Principal Contractor has made adequate provisions for the cost of Health & Safety "Activity Schedule": CR 3(5) (b)(iii) read with CR 5(1)(g)



PREVIOUS EXPERIENCE



PREVIOUS EXPERIENCE SCHEDULE



Tenderers are required to demonstrate their overall experience in the delivery of similar works conditions and circumstances in relation to the scope of work over the last 10 years, and to this end shall supply a sufficiently detailed reference list with contact details of existing customers and also demonstrate their relevant experience with regards to the supply, delivery, installation of 11kV cables and fibre as detailed in the Works Information.

1. Provide your previous experience showing but not limited to the following:
 - I. Provide your previous experience in procuring and supplying 11kV Cables and Fibre cables
 - II. Provide your previous experience in deep excavations for cable installation
 - III. Provide your previous experience in Termination of 11kV Cables to existing switchgear
 - IV. Provide your previous experience in Testing and Commissioning the installation of 11kV Cables and Fibre

2. References to substantiate experience indicated showing:
 - I. Project description
 - II. Customer name and contact details
 - III. Contract value and duration
 - IV. Evidence of project completion i.e. Completion Certificate

Please note that only projects completed in the last 10 years from the date of award with valid certificates of completion and/or references on a company letterhead shall be considered toward the scoring. If a singular project encompasses more than one of the five key elements mentioned above, it will be counted toward the scoring for each of the key elements that it encompasses.



PREVIOUS EXPERIENCE SCHEDULE (continued)

Fill in as many line items as needed for similar previous projects undertaken, starting from the most recent projects completed and attach completion certificates for completed projects:

TRANSNET NATIONAL PORTS AUTHORITY
TENDER NUMBER: TNPA/2023/08/0014/38527/RFP

DESCRIPTION OF THE WORKS: FOR THE SUPPLY, DELIVERY AND INSTALLATION OF VARIOUS CABLES FOR THE EASTERN SUBSTATION CABLE REPLACEMENT IN THE PORT OF RICHARDS BAY



Fill in as many line items as needed for similar previous projects undertaken, starting from the most recent projects completed and attach completion certificates for completed projects:

Client	Client contact details	Project Description	Year of project completion	Contract Value	Subcontractors



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APPROACH PAPER

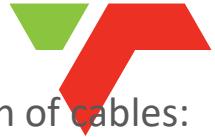


The Tenderer must provide an approach paper.

The approach paper shall include as a minimum but not limited to the following (the Contractor must refer to the Works Information for a full description of the scope of the works):

- Outline of proposed approach
- Narrative related to the programme
- Detailed method statement, technical approach and construction sequencing in terms of the Works Information (design philosophy)
- Demonstrate an understanding of the project objectives
- Detailed list of equipment and number thereof to execute the works, and areas it will be utilised

APPROACH PAPER EVALUATION SCHEDULE (continued)



The approach paper shall include as a minimum but not limited to the following (the contractor must refer to the Installation of cables):

1. Methodology for Excavation works

- a) Survey control and setting out of the Works
- b) Method of Excavations and associated water control.
- c) Sequence of Earthworks construction considering constraints due to active industry operations and the need for access to their sites during the cable excavation.
- d) Proposed material /quarry source and transport plan to deliver and stockpile (where applicable) on site.
- e) Methodology for light rehabilitation work
- f) Methodology for storage, handling and transportation of materials such as sand, stone, bricks, manhole covers and precast structures.
- g) Details of the proposed plant and equipment to be used during the construction (Light and heavy rehabilitation)
- h) Approach for Traffic management to allow minimal disruptions to operations as well as traffic congestion due to construction.



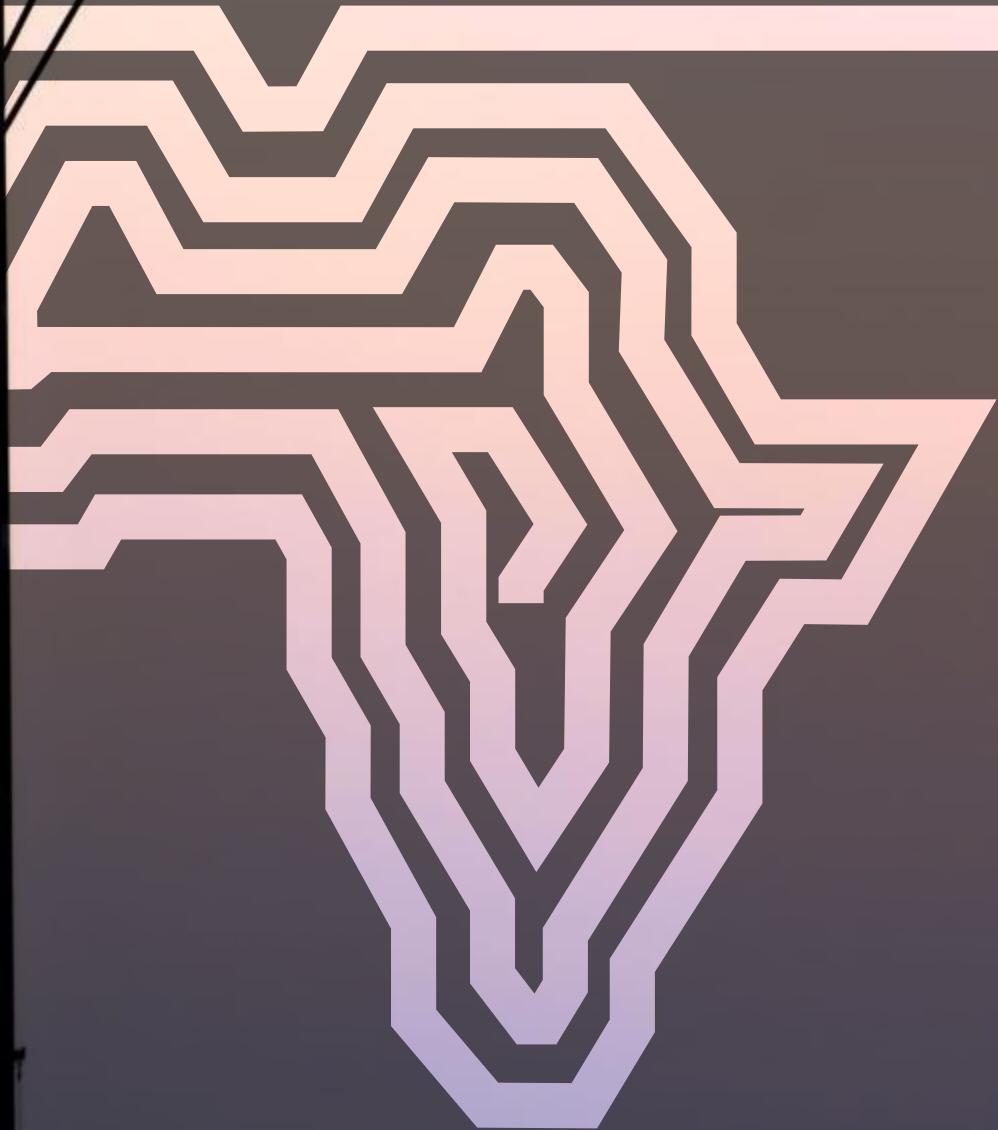
APPROACH PAPER EVALUATION SCHEDULE (continued)

2. Electrical installation

- a) Approach to Underground services, other existing services, cable and pipe trenches and covers.
- b) Sequences of construction or installation
- c) Methodology for cable termination at switch gear
- d) Details of equipment, plant and material for termination of cables.
- e) Giving notice of work to be covered up
- f) Method for disposing of waste material from exciting material.
- g) Control of noise, dust, water and waste

3. Testing and Commissioning

- a) Approach on completion or Sectional Completion of works
- b) Approach of materials facilities and samples for tests and inspections
- c) Tests and grading
- d) Take over procedures
- e) Submission of all data packs, quality assurance records and as-built drawings



Thank you

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