



**TENDER NUMBER: TNPA/2025/02/0002/89478/RFP**

**COMPULSORY CLARIFICATION MEETING FOR:  
SUPPLY AND INSTALLATION OF SMART WATER AND  
ELECTRICITY METERS WITH A SOFTWARE SOLUTION  
(UTILITIES MANAGEMENT) ACROSS THE EIGHT PORTS.**

**VENUE: MICROSOFT TEAMS**

**DATE: 07 AUGUST 2026**

**TIME: 11H00**

**PRESENTED BY: SINDISIWE MWELI**

# AGENDA ITEM



| No. | Agenda Item                                           | Presenter                                            |
|-----|-------------------------------------------------------|------------------------------------------------------|
| 1   | Opening and purpose of meeting                        | Sindisiwe Mveli                                      |
| 2   | Safety Briefing                                       | Sphelele Ngcobo                                      |
| 3   | Introductions                                         | Sindisiwe Mveli                                      |
| 4   | Background and Scope of work                          | Sphelele Ngcobo                                      |
| 5   | Tendering Process                                     | Sindisiwe Mveli                                      |
| 5.1 | Tender Evaluation Procedure                           |                                                      |
| 5.2 | Part T2: Returnable Documents                         |                                                      |
| 6   | Technical Evaluation/ Functionality Criteria          | Technical Team                                       |
| 7   | Specific Goals                                        | Salathiso Xoxo/ Sindisiwe Mveli                      |
| 8.  | Part C1: Agreement and Contract Data                  | Sindisiwe Mveli                                      |
|     |                                                       | Kgolakgano Mosothlwa/ Sphelele Ngcobo/ Kubefu Maduna |
| 8.1 | Part C2.2: Bill of Quantities                         |                                                      |
| 9   | Tender Closing (signing of Certificate of attendance) |                                                      |

TRANSNET



# MEETING RULES



- ✓ Please put cellphone on mute during the presentations;
- ✓ Please ensure that you populate your company details on Teams chat and indicate the name of your company representative
- ✓ All questions are to be raised at the end of the presentation.
- ✓ Kindly raise your hand to ask a question
- ✓ TNPA will endeavor to answer all questions in the session and issue the briefing session minutes thereafter.
- ✓ All Questions and Clarification are to be followed-up by email to [TNPATenderenquiries3@transnet.net](mailto:TNPATenderenquiries3@transnet.net)
- ✓ Late comers will be allowed; however, nothing will be repeated for their benefit.
- ✓ Attendees are encouraged to remain for the entire briefing session and as important information relating to the RFP will be presented and the certificate of attendance will only be signed after the meeting.

## MEETING PURPOSE AND OBJECTIVE



- ✓ The purpose of this meeting is to clarify the Tendering procedure, scope of work and deliverables of this project.
- ✓ The objective of this meeting is to:
  - Ensure that there is alignment between Transnet project expectations, RFP Tendering procedure, scope of work, deliverables as well as evaluation criteria.
  - Ensure bidders submit comprehensive proposals that will allow Transnet to select best value supplier and delivery of the project successfully.
- ✓ Transnet urges its clients, suppliers and the general public to report any fraud or corruption to **0800 003 056** or [transnet@tip-offs.com](mailto:transnet@tip-offs.com). Alternatively, send a please call me by dialling **\*120\*0637867403** on your cellphone

# **BACKGROUND & SCOPE OF WORKS**





## Background on Project and Executive Summary

- Transnet National Ports Authority (TNPA) owns, manages, controls and administers the South African Ports. TNPA's responsibility is to ensure that the Ports are efficient and economical. In doing so, TNPA is on a journey to a world-class port system thus introducing a new Operating Model, focusing on effective oversight, utilities management (water & electricity) and enabling platform which supports and monitors all operational activities across the entire ports system.
- Utilities management assist in ensuring that the appropriate revenue is recovered against consumption of utilities for TNPA properties, other Transnet Operational Divisions' (Port Terminals and Freight Rail) and Tenants. Ultimately, this aids in identifying utilities constraints and ensure that these are addressed timeously and efficiently.





## Background on Project and Executive Summary

---

TNPA is faced with various challenges in utility management, battling to recover all the consumed water and electricity due to the following challenges:

- Aging infrastructure
- Unmetered consumption
- Manual data collection
- Undetected water losses
- No real time visibility of utility performance





## Background on Project and Executive Summary

---

TNPA is in search of a utility management software solution to assist the business in better management of utilities across Transnet. The software solution shall have the capability to monitor, perform analysis, retrieve water and electricity data from various software and be able to store TNPA's metering data in one central point.





## Background on Project and Executive Summary

The scope to be carried out under this Contract includes but is not limited to the following items of work as summarised below which covers supply, installation, configuration, integration, design of communication networks [Local Area Network (LAN) & Private Wireless Network e.g. Radio Frequency (RF)], testing and commissioning of a utilities management solution across all ports:

- Supply, install, configure, test and commission smart electricity meters for measurement of different electrical parameters listed elsewhere in the document including Active Energy (kWh/MWh), Reactive Energy (kVARh/MVARh), Apparent Energy (kVAh/MVAh) etc.
- Supply, install, configure, test and commission smart water meters for measurement of water consumption (KL), alarm notification for high flow set points and trigger night flow analysis.
- Supply, install, configure, test and commission all necessary AMR/AMI communication modules, transceivers, repeaters, gateways etc. All equipment to be supplied shall be of the latest AMR/AMI technologies.
- Design, develop, install, integrate (with existing systems in each port or lack thereof), test and commission a new utilities management software solution across all ports.
- Perform all the works, procurement, installation, testing and supervision to ensure compliance with the Employer's Works Information and all applicable standards.



## Background on Project and Executive Summary

---

- Design, supply and installation of networks (i.e. LAN and Wireless) including trenching, manholes, sleeves etc..
- Updating of as-builts, operating and maintenance manuals,
- Maintenance and Technical Support post implementation for a period of 12 months:
- In conjunction with the Defects Liability Period the Contractor shall undertake all system repairs, service and maintenance requirements including provision of manpower and consumables.
- Provision of the critical spares where required.
- Provision of training on the AMR and Utilities Management Software Solution.

# **TENDERING PROCESS & TENDER EVALUATION PROCEDURE**



## Tendering procedure

Transnet has implemented a new electronic tender submission system, the e-Supplier Submission Portal, in line with the overall Transnet digitalization strategy where suppliers can view advertised tenders, register their information, log their intent to respond to bids and upload their bid proposals/responses on to the system.

a) The Transnet e-Tender Submission Portal can be accessed as follows:

Log on to the Transnet eTenders management platform website (<https://transnetetenders.azurewebsites.net>)

- Click on "ADVERTISED TENDERS" to view advertised tenders;
- Click on "SIGN IN/REGISTER – for tenderer to register their information (must fill in all mandatory information);
- Click on "SIGN IN/REGISTER" - to sign in if already registered;
- Toggle (click to switch) the "Log an Intent" button to submit a bid;
- Submit bid documents by uploading them into the system against each tender selected.

b) Each company must register its profile using its company details and use the corresponding registered profile to log an intent to bid as well as submitting any bid.



## Tendering procedure

- c) Transnet will not accept a bid or will disqualify a tenderer who submits a bid in the Transnet e-tender submission through another tenderers'/Company's profile. In other words, each tenderer must register the intent to bid and submit its bid through its own profile under the same company name that will eventually bid for the tender. No company shall submit a bid on behalf of another company regardless of the company being a subsidiary or holding company.
- d) In the case of a Joint Venture, any of the parties/companies to the Joint Venture may use its registered profile to submit a bid on behalf of the Joint Venture.

**Bidders are to note that a help guide is available on <https://transnetetenders.azurewebsites.net>**

**Tender Closing Date: 18 September 2026**

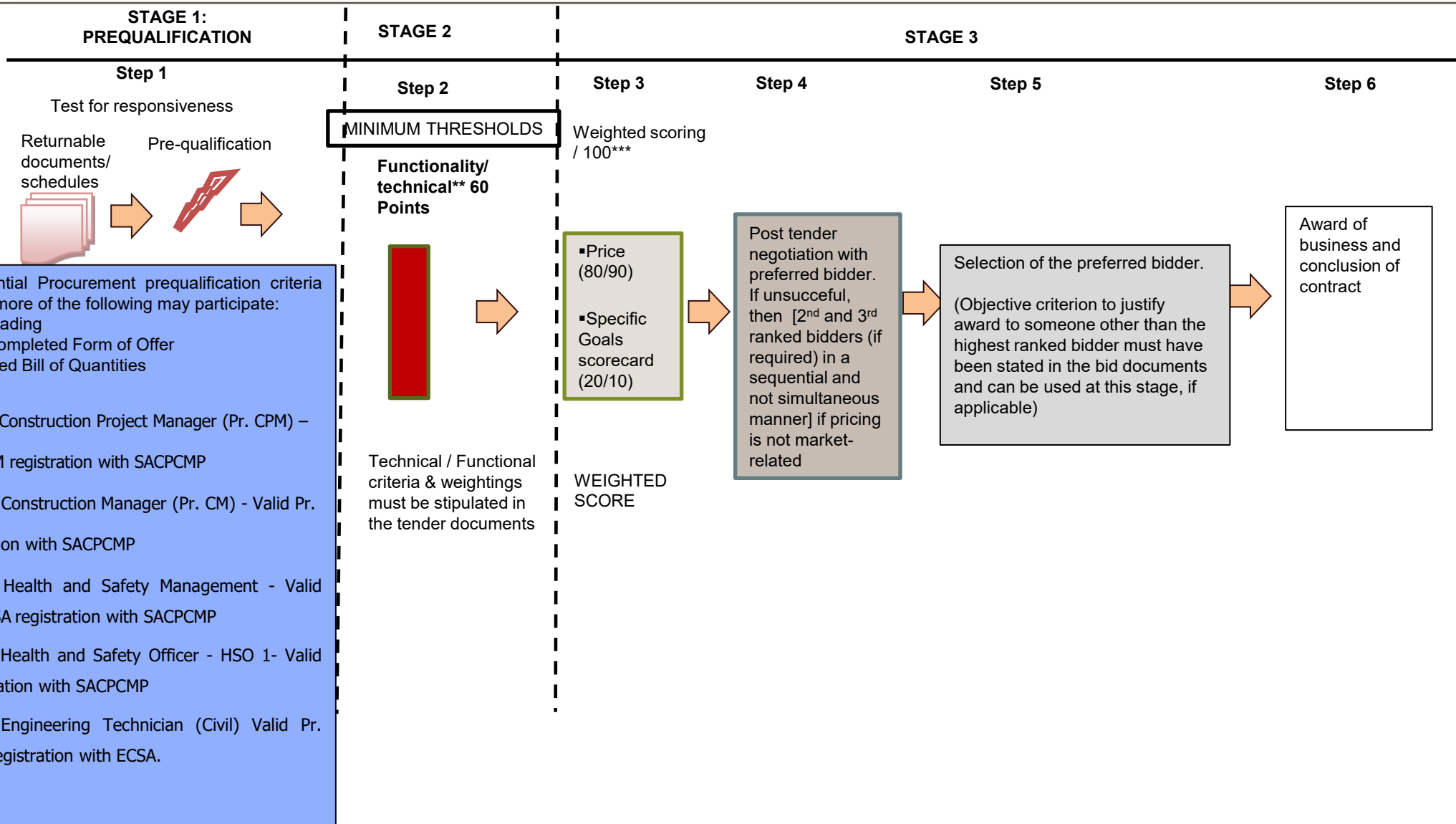
**Tender offer validity period: 12 weeks from the closing date**



Note to the bidders: Bidders should ensure that electronic bid submissions are submitted at least a day before the closing date and bidders should not wait for the last hour before the deadline to submit. This is to enable them to timeously address issues which they may encounter due to internet speed, bandwidth or the size of the number of uploads being submitted.

Transnet will not be held liable for any challenges experienced by bidders as a result of their own technical challenges.

# Transnet's evaluation methodology





## STAGE ONE: TEST FOR ADMINISTRATIVE RESPONSIVENESS

The test for responsiveness will include the following:

### Administrative and Substantive Responsiveness Check

- Validate whether the bid has been lodged on time
- Verify 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
- Check if the mandatory returnable documents are submitted:
  - ✓ Attendance at the compulsory clarification meeting
  - ✓ Active CIDB grade 9CE
  - ✓ A fully completed Bill of quantities
  - ✓ A fully completed and signed Form of Offer and Acceptance
  - ✓ Valid professional registration with SACPCMP as a Professional Construction Project Manager (Pr.CPM)
  - ✓ Valid professional registration with SACPCMP as a Professional Construction Manager – CM1 (Pr.CM)
  - ✓ Valid professional registration with SACPCMP as a Construction Health and Safety Manager (CHSM or CHSA)
  - ✓ Valid professional registration with SACPCMP as a Construction Health and Safety Officer – HSO 1 (CHSO)
  - ✓ Valid professional registration with ECSA as a Professional Engineering Technician (Civil) – (Pr.Techni Eng)

***The test for responsiveness must be passed for a Respondent's proposal to progress for further evaluation***





### T2.1 List of Returnable Documents

#### 2.1.1: Stage One: These schedules are required for pre-qualification and eligibility purposes:

- **T2.2.01** : Certificate of attendance at Compulsory Tender Clarification Meeting
- **T2.2-02** : CIDB grading 9CE
- **T2.2-03** : Professional Registration of key personnel
- Submission of completed and signed form of offer and acceptance
- Submission of completed Bill of Quantity

## PART T2: RETURNABLE DOCUMENTS

---



The following returnables for functionality must be scanned with the relevant supporting evidence & uploaded individually under the **Technical Evaluation Scorecard** tab on the e-supplier tendering system



## TENDA DATA AND RETURNABLES(*Continued*)

The following returnables for functionality must be scanned with the relevant supporting evidence & uploaded individually under the **Technical Evaluation Scorecard** tab on the e-Tender tendering system

### **2.1.2 Stage Two: These schedules will be utilised for evaluation purposes:**

T2.2-04 Evaluation Schedule – Management and CVs

T2.2-05 Evaluation Schedule – Project Organogram

T2.2-06 Health & Safety Management

T2.2-07 Environmental Management

T2.2-08 Previous Experience

T2.2-09 Approach Paper

T2.2-10 Functional Specification of the Utility Management Software

T2.2-11 Programme

T2.2-12 Quality Management



### **2.1.3 Returnable Schedules: General:**

- T2.2-13 Authority to submit tender
- T2.2-14 Record of addenda to tender documents
- T2.2-15 Letter of Good Standing
- T2.2-16 Risk Elements
- T2.2-17 Capacity and ability to meet deliverables
- T2.2-18 Schedule of Proposed Subcontractors
- T2.2-19 Site Establishment
- T2.2-20 Job Creation
- T2.2-21 CIDB BUILD Programme
- T2.2-22 Health and Safety Cost Breakdown





## PART T2: RETURNABLE DOCUMENTS

### 2.1.4 Agreement and Commitment by Tenderer:

T2.2-23 CIBD SFU ANNEX G Compulsory Questionnaire

T2.2-24 RFP Declaration Form

T2.2-25 Non-Disclosure Agreement

T2.2-26 RFP – Breach of Law

T2.2-27 Certificate of Acquaintance

T2.2-28 Supplier Integrity Pact

T2.2-29 Supplier Code of Conduct

T2.2-30 Agreement in terms of POPIA

T2.2-31 Supplier Declaration Form

T2.2-32 DPPI or FPPO



## **PART T2: RETURNABLE DOCUMENTS CONTI..**

### **2.1.5 Bonds/Guarantees/Financial/Insurance:**

T2.2-33 Insurance provided by the Contractor

T2.2-34 Form of Intent to provide a Performance Guarantee

T2.2-35 Forecast Rate of Invoicing

T2.2-36 Three (3) years audited financial statements

**2.2 C1.1 Offer portion of Form of Offer & Acceptance**

**2.3 C1.2 Contract Data – Part 2**

**2.4 C1.3 Forms of Securities**

**2.5 C2.1 Pricing Instructions (Bill of Quantities)**

**2.6 C2.2 Bill of Quantities**



## STAGE 2

# TECHNICAL ELIGIBILITY REQUIREMENTS

- ❑ **Note: Any tenderer that fails to meet the minimum 60 points for technical requirements will be regarded as an unacceptable tender and will not be evaluated further**



## Technical Requirements

| Criteria                                                                                 | Score     |
|------------------------------------------------------------------------------------------|-----------|
| T2.2-04: Evaluation Schedule - Management & CV's                                         | <b>30</b> |
| T2.2-05: Evaluation Schedule - Project Organogram                                        | <b>5</b>  |
| T2.2-06: Evaluation Schedule - Health and Safety Management                              | <b>8</b>  |
| T2.2-07 Evaluation Schedule: Environmental Management                                    | <b>5</b>  |
| T2.2-08 Evaluation Schedule: Previous Experience                                         | <b>10</b> |
| T2.2-09 Evaluation Schedule: Approach Paper                                              | <b>12</b> |
| T2.2-10 Evaluation Schedule: Functional Specification of the Utility Management Software | <b>14</b> |
| T2.2-11 Evaluation Schedule: Programme                                                   | <b>10</b> |
| T2.2-12 Evaluation Schedule: Quality Management                                          | <b>6</b>  |

## Technical Requirements: Management and CVs (30 Points)

|            |            | No Response                                                                                     | Poor                                                                 | Less than acceptable                                                           | Acceptable response to the particular aspect                                     | Above acceptable real understanding                                             | Excellent Response                                          |
|------------|------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------|
| 30         | Scores     | 0                                                                                               | 20                                                                   | 40                                                                             | 60                                                                               | 80                                                                              | 100                                                         |
| Points (5) | 5          | The Tenderer has not submitted the required information                                         | <b>Project Manager:</b> has $\leq 3$ years total experience.         | <b>Project Manager:</b> has $>3$ however $\leq 5$ years total experience.      | <b>Project Manager:</b> has $> 5$ however $\leq 10$ years total experience.      | <b>Project Manager:</b> has $> 10$ however $\leq 15$ years of total experience. | <b>Project Manager:</b> has $>15$ years of experience.      |
| Points (5) | 5          | The Tenderer has not submitted the required information                                         | <b>Construction Manager:</b> has $\leq 3$ years of total experience. | <b>Construction Manager:</b> has $>3$ however $\leq 5$ years total experience. | <b>Construction Manager:</b> has $> 5$ however $\leq 10$ years total experience. | <b>Construction Manager:</b> has $> 10$ however $\leq 15$ years of experience.  | <b>Construction Manager:</b> has $>15$ years of experience. |
| Points (6) | Experience | The Tenderer has not submitted the required information                                         | <b>Software Engineer:</b> has $\leq 3$ years total experience.       | <b>Software Engineer:</b> has $> 3$ however $\leq 5$ years total experience.   | <b>Software Engineer:</b> has $> 5$ however $\leq 10$ years total experience.    | <b>Software Engineer:</b> has $> 10$ however $\leq 15$ years of experience.     | <b>Software Engineer:</b> has $>15$ years of experience.    |
| Points (3) | Education  | The Tenderer has not submitted the required information, or Education is NQF Level 3 and below. | <b>Software Engineer:</b> NQF Level 4                                | <b>Software Engineer:</b> NQF Level 5                                          | <b>Software Engineer:</b> NQF Level 6                                            | <b>Software Engineer:</b> NQF Level 7                                           | <b>Software Engineer:</b> NQF Level 8                       |



## Technical Requirements: Management and CVs (30 Points)

|            |                                 |                                                                                                 |                                                                 |                                                                               |                                                                                |                                                                              |                                                            |
|------------|---------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------|
| Points (4) | 4                               | The Tenderer has not submitted the required information                                         | <b>Civil Engineer:</b> has $\leq 3$ years total experience.     | <b>Civil Engineer:</b> has $> 3$ however $\leq 5$ years total experience .    | <b>Civil Engineer:</b> has $> 5$ however $\leq 10$ years total experience.     | <b>Civil Engineer:</b> has $> 10$ however $\leq 15$ years of experience.     | <b>Civil Engineer:</b> has $> 15$ years of experience.     |
| Points (4) | <b>Experience</b>               | The Tenderer has not submitted the required information                                         | <b>Network Specialist:</b> has $\leq 3$ years total experience. | <b>Network Specialist:</b> has $> 3$ however $\leq 5$ years total experience. | <b>Network Specialist:</b> has $> 5$ however $\leq 10$ years total experience. | <b>Network Specialist:</b> has $> 10$ however $\leq 15$ years of experience. | <b>Network Specialist:</b> has $> 15$ years of experience. |
| Point (3)  | <b>Education</b>                | The Tenderer has not submitted the required information, or Education is NQF Level 3 and below. | <b>Network Specialist:</b> NQF Level 4                          | <b>Network Specialist:</b> NQF Level 5                                        | <b>Network Specialist:</b> NQF Level 6                                         | <b>Network Specialist:</b> NQF Level 7                                       | <b>Network Specialist:</b> NQF Level 8                     |
|            |                                 |                                                                                                 |                                                                 |                                                                               |                                                                                |                                                                              |                                                            |
|            | <b>Maximum number of points</b> |                                                                                                 |                                                                 |                                                                               |                                                                                |                                                                              | <b>30</b>                                                  |



## Technical Requirements – Project Organogram (5 Points).

| Weight    | Project Organogram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Points    | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Score     | Criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>0</b>  | The Tenderer has submitted no information, or information is inadequate to determine a score.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>20</b> | <p>The Tenderer's <b>Project Organogram</b> does not meet the minimum stated requirements; the Organogram complies with at least one of the four stated conditions:</p> <ul style="list-style-type: none"> <li>a) Fully aligned with <b>T2.2-04- Management &amp; CVs of Key Persons</b></li> <li>b) Resource allocation clearly defined per region (Eastern, Central and Western) including the installation teams (water and Electricity)</li> <li>c) Identifies the resources for the key roles</li> <li>d) Identifies all Major Sub-Contractors (Billing Software)</li> </ul>          |
| <b>40</b> | <p>The Tenderer's <b>Project Organogram</b> does not meet the stated minimum requirements; the Organogram complies with at least two to three of the four stated conditions:</p> <ul style="list-style-type: none"> <li>a) Fully aligned with <b>T2.2-04- Management &amp; CVs of Key Persons</b></li> <li>b) Resource allocation clearly defined per region (Eastern, Central and Western) including the installation teams (water and Electricity)</li> <li>c) Identifies the resources for the key roles</li> <li>d) Identifies all Major Sub-Contractors (Billing Software)</li> </ul> |



## Technical Requirements – Project Organogram (5 Points) cont...

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 60  | <p>The Tenderer's <b>Project Organogram</b> meets the stated minimum requirements; the Organogram complies with all four stated conditions:</p> <ul style="list-style-type: none"> <li>a) Fully aligned with <b>T2.2-04- Management &amp; CVs of Key Persons</b></li> <li>b) Resource allocation clearly defined per region (Eastern, Central and Western) including the installation teams (water and Electricity)</li> <li>c) Identifies the resources for the key roles</li> <li>d) Identifies all Major Sub-Contractors (Billing Software)</li> </ul>                                                                                             |
| 80  | <p>The <b>Project Organogram</b> is specifically tailored to address the specific project objectives and methodology and is sufficiently flexible to accommodate changes that may occur during execution, the Organogram provides over and above the stated requirements. The Organogram is structured in way that categories the various functions, that is:</p> <ul style="list-style-type: none"> <li>• Leadership &amp; Management,</li> <li>• Engineering &amp; Delivery,</li> <li>• Planning &amp; Controls,</li> <li>• Commercial,</li> <li>• Quality,</li> <li>• Health, Safety and Environmental (HSE),</li> <li>• Subcontractors</li> </ul> |
| 100 | <p>Besides meeting the 80 rating, the Organogram identifies and details the roles and responsibilities of the major subcontractor's resources.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Technical Requirements Health and Safety Management (8 Points)

| Points (8)     | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | <b>Safety &amp; Health &amp; Policy signed by the Chief Executive Officer</b> <ol style="list-style-type: none"> <li>1. Commitment to Safety, prevention of pollution,</li> <li>2. Continual improvement,</li> <li>3. Compliance to legal requirements, appropriate to the nature of Contractor's activities,</li> <li>4. Hold management accountable for development of the safety systems,</li> <li>5. Includes objectives and targets.</li> </ol> | <b>Roles &amp; Responsibilities</b> <ol style="list-style-type: none"> <li>1. S16.2 CEO</li> <li>2. CR 8.1 Construction Manager -SACPCMP registration as Pr. Construction Manager,</li> <li>3. CR 8.5 SACPMP Registered Construction Health and Safety officer,</li> <li>4. CR 8.7 Construction Supervisor,</li> <li>5. CR 9.1 Risk Assessor,</li> <li>6. CR 12 Temporary works designer and</li> <li>7. CR 17.1 SHE Rep as per the Occupational health and safety Act 85 of 1993</li> </ol> | <b>Project Baseline Risk Assessment, indicating major activities of the project namely:</b> <ol style="list-style-type: none"> <li>1. Working in confined spaces</li> <li>2. Excavation</li> <li>3. High Pressure Water Pipelines and Valves</li> <li>4. Working in Electrical Substations and on Electrical Equipment</li> <li>5. Working in Operational Areas</li> <li>6. Traffic Accommodation</li> </ol> |
| <b>Score 0</b> | The Tenderer has submitted no information or an unsigned policy to determine a score.                                                                                                                                                                                                                                                                                                                                                                | The Tenderer has submitted no information to determine a score.                                                                                                                                                                                                                                                                                                                                                                                                                              | The Tenderer has submitted no information to determine a score.                                                                                                                                                                                                                                                                                                                                              |

## Technical Requirements Health and Safety Management (8 Points) cont...



|                                                                                                         |                                                                                                                                                                            |                                                                                                                                                                                                              |                                                                                                   |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Score 20</b>                                                                                         | <b>1 of the 5</b> key policy components are recognized and meet the <i>Employer's</i> requirements and it is signed by the Chief Executive Officer or Delegated Authority. | <b>1 to 2 of 7 Roles and Responsibilities</b> in accordance with the Works Information, the Occupational Health and Safety Act as per Construction Regulations and TNPA Health and Safety Specification.     | <b>1 of 6</b> major activities in the project are addressed in the baseline risk assessment.      |
| <b>Score 40</b>                                                                                         | <b>2 of the 5</b> key policy components are recognized and meet the <i>Employer's</i> requirements and it is signed by the Chief Executive Officer or Delegated Authority. | <b>3 to 4 of 7 Roles and Responsibilities</b> are in accordance with the Works Information, the Occupational Health and Safety Act as per Construction Regulations and TNPA Health and Safety Specification. | <b>2 of 6</b> major activities in the project are addressed in the baseline risk assessment.      |
| <b>Score 60</b>                                                                                         | <b>3 of the 5</b> key policy components are recognized and meet the <i>Employer's</i> requirements and it is signed by the Chief Executive Officer or Delegated Authority. | <b>5 of 7 Roles and Responsibilities</b> are in accordance with the Works Information, the Occupational Health and Safety Act as per Construction Regulations and TNPA Health and Safety Specification.      | <b>3 to 4 of 6</b> major activities in the project are addressed in the baseline risk assessment. |
| <b>Score 80</b>                                                                                         | <b>4 of the 5</b> key policy components are recognized and meet the <i>Employer's</i> requirements and it is signed by the Chief Executive Officer or Delegated Authority. | <b>6 of 7 Roles and Responsibilities</b> are in accordance with the Works Information, the Occupational Health and Safety Act as per Construction Regulations and TNPA Health and Safety Specification.      | <b>5 of 6</b> major activities in the project are addressed in the baseline risk assessment.      |
| <b>Score 100</b><br> | <b>All 5 key</b> policy components are recognized and meet the <i>Employer's</i> requirements, and it is signed by the Chief Executive Officer or Delegated Authority.     | <b>All 7 Roles and Responsibilities</b> are in accordance with the Works Information, the Occupational Health and Safety Act as per Construction Regulations and TNPA Health and Safety Specification.       | <b>All 6</b> major activities in the are addressed in the baseline risk assessment.               |





## Technical Requirements Environmental Management (5 Points).

|                 | Environmental Management Plan                                                       | Environmental Policy                                                                         | Environmental Officer Qualification                                                                                                             | Environmental Officer Experience                                                   | List of projects where construction environmental management duties have been executed |
|-----------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Points (5)      | 1                                                                                   | 1                                                                                            | 1                                                                                                                                               | 1                                                                                  | 1                                                                                      |
| <b>Score 0</b>  | The Tenderer has submitted no information to determine a score.                     | The Tenderer has submitted no information to determine a score.                              | The Tenderer has submitted no information or submitted Qualifications not in the Natural Science or Environmental Studies to determine a score. | Environmental officer has <1 year of relevant on-the-job experience.               | The Tenderer has submitted no information to determine a score.                        |
| <b>Score 20</b> | EMP only responds to 1-2 of the items listed under paragraph 2 (a, b, c, d, e & f). | Policy only addresses 1 of the required elements listed under paragraph 3 (a, b, c, d, & e). | Environmental officer is in possession of a Certificate in Natural Science or Environmental Studies                                             | Environmental officer has ≥1 year but ≤3 years of relevant on-the-job experience.  | Tender has only executed environmental management duties in 1 project.                 |
| <b>Score 40</b> | EMP only responds to 3 of the items listed under paragraph 2 (a, b, c, d, e & f).   | Policy only addresses 2 of the required elements listed under paragraph 3 (a, b, c, d, & e). | Environmental officer is in possession of a Diploma in Natural Science or Environmental Studies                                                 | Environmental officer has >3 years but ≤4 years of relevant on-the-job experience. | Tender has only executed environmental management duties on 2 projects.                |

## Technical Requirements Environmental Management (5 Points) cont...

|                      |                                                                                   |                                                                                              |                                                                                                                         |                                                                                    |                                                                            |
|----------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>Score<br/>60</b>  | EMP only responds to 4 of the items listed under paragraph 2 (a, b, c, d, e & f). | Policy only addresses 3 of the required elements listed under paragraph 3 (a, b, c, d, & e). | Environmental officer is in possession of a bachelor's degree/ B Tech in Natural Science or Environmental Studies.      | Environmental officer has >4 years but ≤8 years of relevant on-the-job experience. | Tender has only executed environmental management duties on 3 projects.    |
| <b>Score<br/>80</b>  | EMP only responds to 5 of the items listed under paragraph 2 (a, b, c, d, e & f). | Policy only addresses 4 of the required elements listed under paragraph 3 (a, b, c, d, & e). | Environmental officer is in possession of a Bachelor's degree with Honours in Natural Science or Environmental Studies. | Environmental officer has >8 but ≤10 years relevant on-the-job experience.         | Tender has only executed environmental management duties on 4 projects.    |
| <b>Score<br/>100</b> | EMP responds to all the items listed under paragraph 2 (a, b, c, d, e & f).       | Policy addresses all the required elements listed under paragraph 3 (a, b, c, d, & e).       | Environmental officer is in possession of a master's degree in Natural Science or Environmental Studies                 | Environmental officer has > 10 years of relevant on-the-job experience.            | Tender has executed environmental management duties on 5 or more projects. |

## Technical Requirements: Previous Experience (10 Points)



|            | Previous Experience<br>Points (10)                                                                                                                                                                                       |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Score      | Reference Letter or Completion Certificate                                                                                                                                                                               |
| <b>0</b>   | No Reference Letter/Completion Certificate or incomplete Reference Letter submitted (Failed to complete all mandatory fields) or the Reference Letter/Completion Certificate is irrelevant to the scope of this project. |
| <b>20</b>  | The Tenderer has submitted one (01) fully complete Reference Letter/ Completion Certificate relevant to scope of this project.                                                                                           |
| <b>40</b>  | The Tenderer has submitted two (02) to three (03) fully complete Reference Letters /Completion Certificates relevant to the scope of this project.                                                                       |
| <b>60</b>  | The Tenderer has submitted four (04) to five (05) fully complete Reference Letters/ Completion Certificates relevant to the scope of this project.                                                                       |
| <b>80</b>  | The Tenderer has submitted six (06) to seven (07) fully complete Reference Letters/ Completion Certificates relevant to scope of this project.                                                                           |
| <b>100</b> | The Tenderer has submitted eight (08) and more fully complete Reference Letters/ Completion Certificates relevant to scope of this project.                                                                              |

## Technical Requirements: Approach Paper (12 Points).

|                    |                                                                                                                                                                                                                                                                                                                                                                                         |                                   |                                      |                                                   |                                                |                                                                                                                                      |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------|---------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
|                    | Installation of the Water Meters                                                                                                                                                                                                                                                                                                                                                        | Installation of the Energy Meters | Private WCN and Linking Water Meters | Installation of the LAN and Linking Energy Meters | Linking the WCN to the LAN and Billing Servers | Management Software Details and Management of Data on the server including integrating the Port systems for Central Remote Viewing & |
| <b>Points (12)</b> | <b>2</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>2</b>                          | <b>2</b>                             | <b>2</b>                                          | <b>2</b>                                       | <b>2</b>                                                                                                                             |
| <b>Score</b>       | <b>Criteria</b>                                                                                                                                                                                                                                                                                                                                                                         |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>0</b>           | The Tenderer has submitted no information/ The technical approach paper and/ or methodology is irrelevant and does not cover any of the elements.                                                                                                                                                                                                                                       |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>20</b>          | The Tender has submitted a technical approach and/ or Methodology that covers 2 or less out of the 6 elements (a, b, c, d, e & f) as per the requirement.                                                                                                                                                                                                                               |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>40</b>          | The Tender has submitted a technical approach and/ or Methodology that covers three 3 of the 6 elements (a, b, c, d, e & f) as per the requirement.                                                                                                                                                                                                                                     |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>60</b>          | The Tender have submitted a technical approach and/ or Methodology that covers 4 out of the 6 elements (a, b, c, d, e & f) as per the requirement.                                                                                                                                                                                                                                      |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>80</b>          | The Tender has submitted a technical approach and/ or Methodology that covers 5 of the 6 elements (a, b, c, d, e & f) as per the requirement.                                                                                                                                                                                                                                           |                                   |                                      |                                                   |                                                |                                                                                                                                      |
| <b>100</b>         | The Tender has submitted a technical approach and/ or Methodology that covers all 6 stated elements (a, b, c, d, e & f). The Scope of Work and approach are succinct, innovative and efficient, indicating that the tenderer has outstanding knowledge of state-of-the- art approach. The approach paper details ways to improve the project's outcomes and the quality of the outputs. |                                   |                                      |                                                   |                                                |                                                                                                                                      |

# Technical Requirements: Functional Specification of the Utility Management Software (14 Points)



|        | Functional Specification of the Utility Management Software                                                                                                                                                             |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Points | 14                                                                                                                                                                                                                      |
| Score  | Criteria                                                                                                                                                                                                                |
| 0      | The Tenderer has submitted no information/ The Function Specification is irrelevant and does not cover any of the elements (a, b, c, d & e).                                                                            |
| 20     | The Tender has submitted Functional Specification that covers 2 or less out of the 5 elements (a, b, c, d, & e) as per the requirement.                                                                                 |
| 40     | The Tender has submitted a Functional Specification that covers 3 to 4 of the 5 elements (a, b, c, d & e) as per the requirement.                                                                                       |
| 60     | The Tender has submitted a Functional Specification that covers all 5 stated elements (a, b, c, d & e).                                                                                                                 |
| 80     | The Tender has submitted a Functional Specification that covers all 5 stated elements (a, b, c, d & e) and has submitted a sample of the Billing Statement that comes with the proposed software.                       |
| 100    | The Tender has submitted a Functional Specification that covers all 5 stated elements (a, b, c, d & e), Billing Statement that comes with the proposed software and the User Manual of the Utility Management Software. |



## Technical Requirements: Programme (10 Points).

|                  |                                                                                                                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Score 0</b>   | Tenderer has not developed or submitted a schedule, or submission in non-planning software e.g., excel or word document, etc. or submission is below Level 3.                                             |
| <b>Score 20</b>  | Tenderer has addressed up to and including 3 out of the 14 requirements (incl. sub items) that supports the scope of work which is less than 25% of all points 1 to 14                                    |
| <b>Score 40</b>  | Tenderer has addressed more than 3, up to and including 7 out of the 14 requirements (incl. sub items) that supports the scope of work which is less than or equal to 50% of all points 1 to 14.          |
| <b>Score 60</b>  | Tenderer has addressed more than 7 up to and including 10 out of the 14 requirements (incl. sub items) that supports the scope of work which is greater than 50% but less than 75% of all points 1 to 14  |
| <b>Score 80</b>  | Tenderer has addressed more than 10, up to and including 13 out of the 14 requirements (incl. sub items) that supports the scope of work which is more than 75% but less than 100% of all points 1 to 14. |
| <b>Score 100</b> | Tenderer has addressed all 14 requirements (incl. sub items) that support the scope of work which is 100% of all points 1 to 14.                                                                          |



## Technical Requirements: Quality Management (6 Points)

| Points            | Quality Policy                                                                                                                                                                                                                                                                                                                                                                                                                      | Project Quality Plan for the contract                                                                                                                                                                                                               | Quality Control Plan (QCP's)                                                                                                                                                                                                                                                                                                                    |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | Policy Elements:                                                                                                                                                                                                                                                                                                                                                                                                                    | Key requirements of the Project Quality Plan                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                 |
|                   | <ol style="list-style-type: none"> <li>is appropriate to the purpose and context of the organization.</li> <li>provides a framework for setting quality objectives.</li> <li>includes a commitment to satisfy applicable requirements.</li> <li>includes a commitment to continual improvement</li> <li>is communicated and understood within the organization.</li> </ol>                                                          | <ol style="list-style-type: none"> <li>Scope of works</li> <li>Control of documented information</li> <li>Resources</li> <li>Audits</li> <li>Control</li> </ol>                                                                                     | <ol style="list-style-type: none"> <li>Installation and commissioning of Smart Water Meters [1]</li> <li>Installation and commissioning of Smart Electricity Meters [1]</li> <li>Design and installation of the Operational Technology (OT) Network (i.e. Fiber Optic Network, Wireless Network) and Utility Management Software [1]</li> </ol> |
| <b>6</b>          | <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>2</b>                                                                                                                                                                                                                                            | <b>3</b>                                                                                                                                                                                                                                                                                                                                        |
| <b>Score (0)</b>  | No Quality policy submitted/Policy submitted but does not address any of the 5 key requirements.                                                                                                                                                                                                                                                                                                                                    | No PQP submitted/PQP submitted but does not address any of the 5 key requirements.                                                                                                                                                                  | No QCP's submitted/QCP's submitted but do not address any of the 5 key requirements.                                                                                                                                                                                                                                                            |
| <b>Score (20)</b> | Quality Policy contains 1 of the 5 key policy elements: <ol style="list-style-type: none"> <li>is appropriate to the purpose and context of the organization.</li> <li>provides a framework for setting quality objectives.</li> <li>includes a commitment to satisfy applicable requirements.</li> <li>includes a commitment to continual improvement.</li> <li>is communicated and understood within the organization.</li> </ol> | Project Quality Plan contains 1 of the 5 PQP requirements: <ol style="list-style-type: none"> <li>Scope of works</li> <li>Control of documented information</li> <li>Resources</li> <li>Audits</li> <li>Control of nonconforming outputs</li> </ol> | Quality Control Plan contains 1 of the 5 QCP requirements. <ol style="list-style-type: none"> <li>Sequence of activities</li> <li>Procedure/Code specifications</li> <li>Intervention Points</li> <li>Field inspection checklist</li> <li>Relevant signatories</li> </ol>                                                                       |



TRANSNET



# STAGE 3 SPECIFIC GOALS



# Tender Evaluation



Only tenders that achieve the minimum qualifying 60 points for functionality will be evaluated further in accordance with the 80/20 or 90/10 preference points systems as described in Transnet Preferential Procurement Policy (TPPP) and Procurement Manuals.

Transnet will use the lowest acceptable bid to determine the applicable preference points system.

| Specific Goals                                                                                                                                                                        | Number of points<br>(80/20 system) | Number of points<br>(90/10 system) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------|
| B-BBEE Status Level of Contributor 1 or 2                                                                                                                                             | 08                                 | 04                                 |
| The promotion of supplier development through subcontracting for a minimum of 30% of the value of a contract to South African Companies which are:<br>I. EMEs and/or QSEs black-owned | 12                                 | 06                                 |
| Non-compliant and/or B-BBEE Level 3-8 contributors                                                                                                                                    | 00                                 | 00                                 |





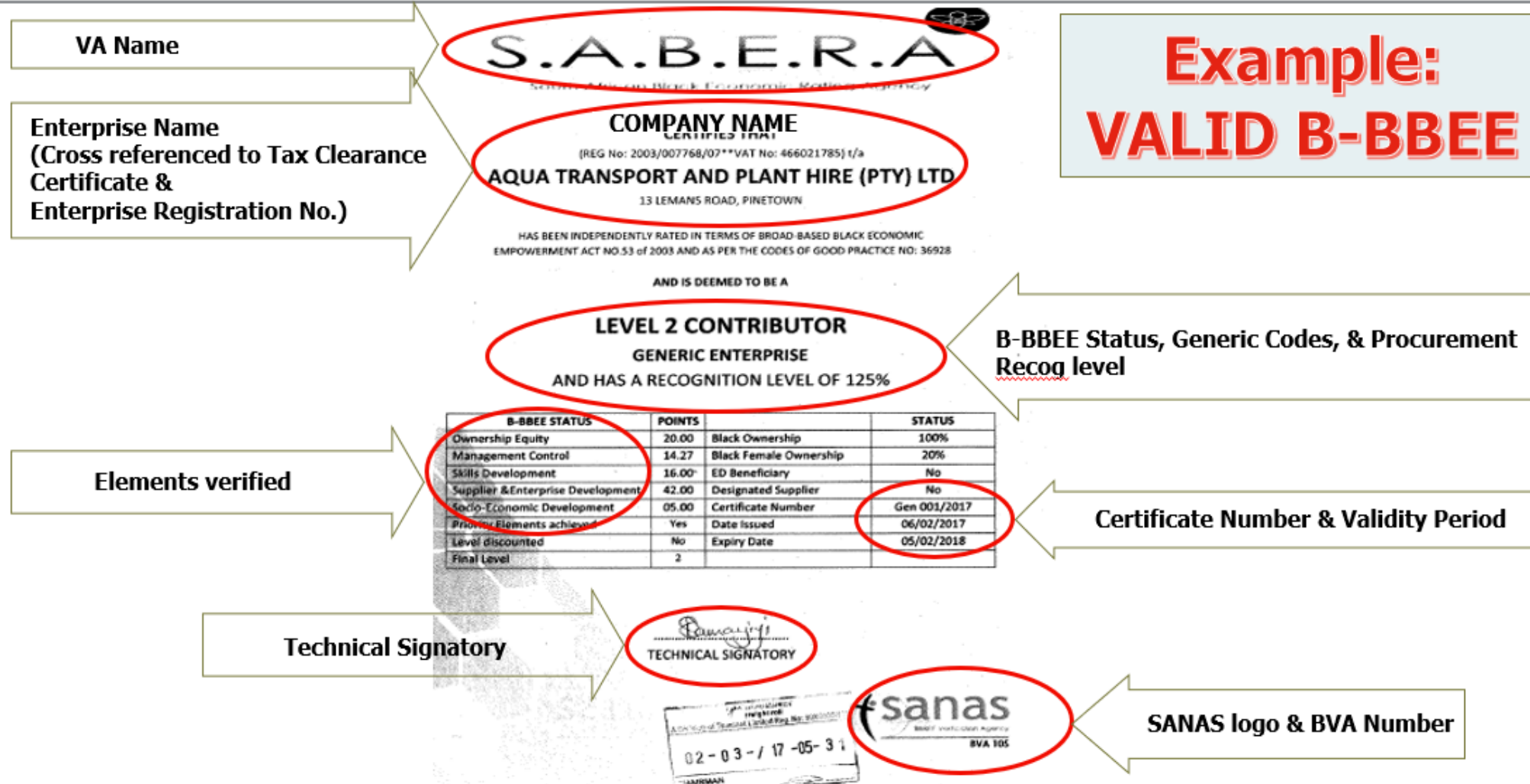
The following Table represents the evidence to be submitted for claiming preference points for applicable specific goals in a particular tender:

| 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 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:<br>I. EMEs and/or QSEs black-owned | <ul style="list-style-type: none"><li>• Sub-contracting agreement(s).</li><li>• Subcontractors' CIPC B-BBEE Certificate/ Sworn Affidavit/ B-BBEE Certificate as per DTIC guidelines</li></ul> |



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

## Valid B-BBEE Certificate



# Key Pointers determining the validity of Sworn – Affidavit:



**Example:  
VALID  
SWORN  
AFFIDAVIT**

Name of deponent & ID Number

Indicate designation

Enterprise details

Indicate BO & BWO  
Tick or underlined Mngt Acc or AFS

Financial Year (dd/mm/yyyy)

B-BBEE Status Level based  
on Black Ownership

Commissioner of Oath  
signature and date

Deponent signature and date

Commissioner of Oath Certification Stamp

**SWORN A** **IE EXEMPTED MICRO ENTERPRISE**

I, the undersigned,

Full name & Surname: SUNDHRAN NAIDOO  
Identity number: 7400165131089

Hereby declare under oath as follows:

- 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     | IS W PLANT AND CIVILS CC                               |
| Trading Name        | SK PLANT AND CONSTRUCTION                              |
| Registration Number | 2006/037556/23                                         |
| Enterprise Address  | 32 PARAGON PLACE<br>INDUSTRIAL PARK<br>PHOENIX<br>1905 |
- I hereby declare under oath that:
  - The enterprise is 100 % black owned
  - The enterprise is 0 % black woman owned;
  - Based on the management accounts and other information available on the 2016 financial year, the income did not exceed R10,000,000.00 (ten million rand);
  - 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)  |                                     |
| Less than 51% black owned | Level Four (100% B-BBEE procurement recognition) |                                     |
- 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.

Deponent Signature: [Signature]  
Date: 16 AUGUST 2016

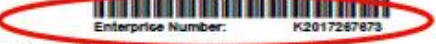
Commissioner of Oaths  
Signature & stamp: [Signature]  
KOPIN AFRICAN POLICE SERVICE  
COMMUNITY SERVICE CENTRE

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



**dtic logo** →  **CIPC logo** → 

**Example:  
VALID CIPC B-BBEE**

**Bar code with tracking number** →  **Bar code with enterprise number** → 

**Certificate number** → **Certificate Number** 936702432S

**% of BO, BWO & TWO** → **B-BBEE INFORMATION**

|                                     |                                                          |
|-------------------------------------|----------------------------------------------------------|
| <b>Total Number of Shareholders</b> | ONE (1) SHAREHOLDER(S)                                   |
| <b>Number of Black Shareholders</b> | ONE (1) BLACK SHAREHOLDER(S)                             |
| <b>Number of White Shareholders</b> | ZERO (0) WHITE SHAREHOLDER(S)                            |
| <b>Black Ownership Percentage</b>   | 100% BLACK OWNERSHIP                                     |
| <b>Black Female Percentage</b>      | 100% BLACK FEMALE OWNERSHIP                              |
| <b>White Ownership Percentage</b>   | 0% WHITE OWNERSHIP                                       |
| <b>B-BBEE Status</b>                | B-BBEE LEVEL 1 CONTRIBUTOR: 135% PROCUREMENT RECOGNITION |
| <b>Date of Issue</b>                | 01-June-2022                                             |
| <b>Expiry Date</b>                  | 31-May-2023                                              |

**Date of issue & expiry date** →

**CIPC Watermark** → 

**B-BBEE Status & Proc Recog Level** →

**Reg. Number & Enterprise Name** → **ENTERPRISE INFORMATION**

|                            |                     |
|----------------------------|---------------------|
| <b>Registration number</b> | 2017 / 267673 / 07  |
| <b>Enterprise Name</b>     | JOEL MARK (PTY) LTD |
| <b>Registration Date</b>   | 15-June-2017        |
| <b>Enterprise Type</b>     | Private Company     |
| <b>Enterprise Status</b>   | In Business         |

**Physical Address** the dti Campus - Block F  
77 Mientjies Street  
Sunnyside 0001

**Postal Address:** Companies  
P O Box 429  
Pretoria  
0001

**Doceex:** 256  
**Web:** www.cipc.co.za  
**Contact Centre:** 086 100 2472(CIPC)  
**Contact Centre (international):** +27 12 394 9500





TRANSNET



# **PART C1: AGREEMENT & CONTRACT DATA**

# Agreement & Contract Data



## Contract Type: NEC ECC (Option B)

| Clause | Statement                                                                                                    | Data                                               |
|--------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 1      | <b>General</b><br><br>The <i>conditions of contract</i> are the core clauses and the clauses for main Option |                                                    |
|        |                                                                                                              | <b>B: Priced contract with bill of quantities</b>  |
|        | dispute resolution Option                                                                                    | <b>W1: Dispute resolution procedure</b>            |
|        | and secondary Options                                                                                        |                                                    |
|        |                                                                                                              | <b>X1: Price adjustment for inflation</b>          |
|        |                                                                                                              | <b>X2: Changes in the law</b>                      |
|        |                                                                                                              | <b>X5: Sectional Completion</b>                    |
|        |                                                                                                              | <b>X7: Delay damages</b>                           |
|        |                                                                                                              | <b>X13: Performance Bond</b>                       |
|        |                                                                                                              | <b>X16: Retention</b>                              |
|        |                                                                                                              | <b>X18: Limitation of liability</b>                |
|        |                                                                                                              | <b>Z: <i>Additional conditions of contract</i></b> |
|        | of the NEC3 Engineering and Construction Contract<br>June 2005 (amended June 2006 and April 2013)            |                                                    |





TRANSNET



# **PART C2: PRICING DATA BILL OF QUANTITIES**

2023  
01/01/2023



## C2.1 Pricing instructions: Option B

### The conditions of contract

#### B.U.I.L.D PROGRAMME STANDARDS

The contractor shall determine the contract skills participation goals, expressed in Rand, which shall not be less than the contract amount multiplied by a percentage (0.375%) factor as required by the Standard for the applicable class of construction works. (CSDG).

### How the contract prices work and assesses it for progress payments

Clause 11 in NEC3 Engineering and Construction Contract, June 2005 and 2013 (ECC) Option B states:

|                              |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identified and defined terms | 11   |                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                              | 11.2 | (21) The Bill of Quantities is the <i>bill of quantities</i> as changed in accordance with this contract to accommodate implemented compensation events and for accepted quotations for acceleration.                                                                                                                                                                                                                                             |
|                              |      | (22) Defined Cost is the cost of the components in the Shorter Schedule of Cost Components whether work is subcontracted or not excluding the cost of preparing quotations for compensation events.                                                                                                                                                                                                                                               |
|                              |      | (28) The Price for Work Done to Date is the total of<br>the quantity of the work which the <i>Contractor</i> has completed for each item in the Bill of Quantities multiplied by the rate and<br>a proportion of each lump sum which is the proportion of the work covered by the item which the <i>Contractor</i> has completed.<br>Completed work is work without Defects which would either delay or be covered by immediately following work. |
|                              |      | (31) The Prices are the lump sums and the amounts obtained by multiplying the rates by the quantities for the items in the Bill of Quantities.                                                                                                                                                                                                                                                                                                    |



This confirms that Option B is a re-measurement contract and the bill comprises only items measured using quantities and rates or stated as lump sums. Value related items are not used. Time related items are items measured using rates where the rate is a unit of time.

### Function of the Bill of Quantities

Clause 55.1 in Option B states, "Information in the Bill of Quantities is not Works Information or Site Information". This confirms that instructions to do work or how it is to be done are not included in the Bill, but in the Works Information. This is further confirmed by Clause 20.1 which states, "The *Contractor* Provides the Works in accordance with the Works Information". Hence the *Contractor* does **not** Provide the Works in accordance with the Bill of Quantities. The Bill of Quantities is only a pricing document.

### Guidance before pricing and measuring

Employers preparing tenders or contract documents, and tendering contractors are advised to consult the sections dealing with the bill of quantities in the NEC3 Engineering and Construction Contract (June 2005) Guidance Notes before preparing the *bill of quantities* or before entering rates and lump sums into the *bill*.

Historically bill of quantities based contracts in South Africa have been influenced by the different approaches of the civil engineering and building sectors of the industry through their respective discipline based standard forms of contract and methods of measurement. This is particularly apparent in the approach to the Preliminary and General bill. On the other hand, because ECC caters for a number of disciplines in the same contract, including electrical works, a different approach not currently found in local methods of measurement to the Preliminary & General bill items may have been used.

The NEC approach to the P & G bill assumes use will be made of method related charges for Equipment applied to Providing the Works based on durations shown in the Accepted Programme, fixed charges for the use of Equipment that is required throughout the construction phase, time related charges for people working in a supervisory capacity for the period required, and lump sum charges for other facilities or services not directly related to performing work items typically included in other parts of the bill.





## C2.1 PRICING INSTRUCTIONS

### General assumptions

Unless otherwise stated, items are measured net in accordance with the drawings, and no allowance has been made in the quantities for waste.

The Prices and rates stated for each item in the Bill of Quantities shall be treated as being fully inclusive of all work, risks, liabilities, obligations, overheads, profit and everything necessary as incurred or required by the Contractor in carrying out or providing that item.

Clause 63.13 in Option B provides that these rates and Prices may be used as a basis for assessment of compensation events instead of Defined Cost.

Where this contract requires detailed drawings, designs or other information to be provided, and no rates or prices are included in the bill specifically for such matters, then the Contractor is deemed to have allowed for all costs associated with such requirements within the tendered rates and Prices in the Bill of Quantities.





## C2.1 PRICING INSTRUCTIONS

An item against which no Price is entered will be treated as covered by other Prices or rates in the bill of quantities. If a number of items are grouped together for pricing purposes, this will be treated as a single lump sum.

The quantities contained in the Bill of Quantities may not be final and do not necessarily represent the actual amount of work to be done. The quantities of work assessed and certified for payment by the Project Manager at each assessment date will be used for determining payments due and not the quantities given in the Bill of Quantities.

The short descriptions of the items of payment given in the bill of quantities are only for the purposes of identifying the items. More detail regarding the extent of the work entailed under each item is provided in the Works Information.

The contractor shall determine the contract skills participation goals, expressed in Rand, which shall not be less than the contract amount multiplied by a percentage (0.25%) factor as required by the Standard for the applicable class of construction works. (CSDG).

### Departures from the *method of measurement*

#### Amplification of or assumptions about measurement items

For the avoidance of doubt the following is provided to assist in the interpretation of descriptions given in the *method of measurement*. In the event of any ambiguity or inconsistency between the statements in the *method of measurement* and this section, the interpretation given in this section shall be used.



- “The CIDB Standard for **Developing Skills through Infrastructure Contracts**, published in Government Gazette 43495 dated 3 July 2020 is applicable to this project”.

Table 2: Construction skills development goals for different classes of engineering and construction works contracts.

| Class of construction works as identified in terms of the cidb regulation |                                               | Construction skills development goal (%) |
|---------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------|
| Designation                                                               | Description                                   |                                          |
| CE                                                                        | Civil Engineering                             | 0.25                                     |
| CE and GB                                                                 | Civil Engineering and General Building        | 0.375                                    |
| EB                                                                        | Electrical Engineering work (buildings)       | 0.25                                     |
| EP                                                                        | Electrical Engineering works (infrastructure) | 0.25                                     |
| GB                                                                        | General Building                              | 0.5                                      |
| ME                                                                        | Mechanical Engineering                        | 0.25                                     |
|                                                                           | Specialist works                              | 0.25                                     |

- The fee is levied at the rate of 0.2% of the *Project Award* value up to a maximum fee of R2,000,000.00.



Note 1: In the case of the CIDB Standard for Skills Development there are NO returnable documents (except for pricing the relevant section of the Bill of Quantities). Following award of the contract to the successful tenderer, the employer shall provide to the Contractor the following documents which shall be completed by the Contractor and submitted within the stipulated period.

- o A1 – List of Recognized Skills Development Agencies (21 days after acceptance),
- o A2 – Baseline Training Plan (21 days after acceptance),
- o A3 – Project Interim Report (21 days after the end of each reporting period),
- o A4 – Supervisor Agreement (21 days after acceptance), and
- o A5 – Project Completion Report (21 days after Final Completion)

# Returnable Schedules



| SUMMARY                                                                                                                                                                                                                                                                                                                                      |                                                                               |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-------------|
| BILL                                                                                                                                                                                                                                                                                                                                         | DESCRIPTION                                                                   | AMOUNT<br>R |
|                                                                                                                                                                                                                                                                                                                                              | RICHARDS BAY                                                                  |             |
|                                                                                                                                                                                                                                                                                                                                              | DURBAN                                                                        |             |
|                                                                                                                                                                                                                                                                                                                                              | EAST LONDON                                                                   |             |
|                                                                                                                                                                                                                                                                                                                                              | NGQURA                                                                        |             |
|                                                                                                                                                                                                                                                                                                                                              | PORT ELIZABETH                                                                |             |
|                                                                                                                                                                                                                                                                                                                                              | MOSSEL BAY                                                                    |             |
|                                                                                                                                                                                                                                                                                                                                              | CAPE TOWN                                                                     |             |
|                                                                                                                                                                                                                                                                                                                                              | SALDANHA                                                                      |             |
|                                                                                                                                                                                                                                                                                                                                              | <b>SUB -TOTAL 1</b>                                                           |             |
|                                                                                                                                                                                                                                                                                                                                              | <b>CIDB B.U.I.L.D PROGRAMME</b>                                               |             |
|                                                                                                                                                                                                                                                                                                                                              | CIDB CONTRACT SKILLS DEVELOPMENT GOALS (CSDG)<br>(0.25% FACTOR X SUB TOTAL 1) |             |
|                                                                                                                                                                                                                                                                                                                                              | ALLOW THE SUM OF 0.2% OF SUB TOTAL 2 FOR THE CIDB BUILD FEE                   |             |
|                                                                                                                                                                                                                                                                                                                                              | ENTERPRISE DEVELOPMENT                                                        |             |
|                                                                                                                                                                                                                                                                                                                                              | <b>SUB -TOTAL 2</b>                                                           |             |
|                                                                                                                                                                                                                                                                                                                                              | <b>NET TOTAL OF TENDER CARRIED FORWARD TO FORM OF OFFER</b>                   | <b>R</b>    |
| <p><b>Note: Tenderers must incorporate the B.U.I.L.D Participation Fee of 0.2%. Transnet will withhold this percentage and it will be paid directly to CIDB as per the below:</b></p> <p><b>"In terms of section 23 (3) of the CIDB Act, Transnet must pay to the CIDB a prescribed percentage of 0.2% of the total tender value..."</b></p> |                                                                               |             |



TRANSNET



# RECAP/CONCLUSION

Day 4 June



# RECAP

---



1. RFP is available for downloading on the NT e-tender portal and Transnet portal
2. All questions must be forwarded to the [tnpatendersenquiries3@transnet.net](mailto:tnpatendersenquiries3@transnet.net) email and answers will be consolidated and uploaded onto the Transnet e-tender portal and National Treasury e-tender portal and shared with all those who have attended the compulsory briefing.
3. Cut-off time and date for questions and clarifications is **09 September 2026 at 16:00pm**.
4. The closing date for this RFP **18 September 2026 @ 16h00pm** (The tender closes on the Transnet e-Supplier Submission Portal: <https://transnetetenders.azurewebsites.net>)
5. Tenderer must ensure the contact details contained on the SBD1 form are correct, these will be used to make contact with the tenderer for any tender-related communication



TRANSNET



**THANK YOU ALL FOR ATTENDING;  
AND  
ALL THE BEST OF LUCK WITH YOUR TENDER  
SUBMISSIONS .**