

TRANSNET



delivering freight reliably

NON-COMPULSORY BRIEFING SESSION

TNPA/2023/04/0008/28056/RFQ

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF STANDBY DIESEL GENERATORS AT PORT OF
EAST LONDON**

DATE: 10 MAY 2023

PURPOSE OF BRIEFING SESISON

1	Welcoming and Introductions	ALL
2	Background of the Need	TECHNICAL
3	Part C3: Scope of Requirements	TECHNICAL
4	Part C2: Pricing Data	TECHNICAL
5	Part T1: Tendering Procedures T1.2 – Tender Data	PROCUREMENT
6	Part T2: Returnable documents	PROCUREMENT
7	Questions and Answers	ALL
8	Closing	ALL

WELCOME AND INTRODUCTIONS

PLEASE NOTE:

- Briefing Session is recorded and all attendees are muted
- An attendance register is posted on the meeting chat to be completed during the meeting
- Encouraged to ask all clarity seeking questions during this session. Q&A session before end of meeting
- Briefing session is non-compulsory and failure to attend will not result in disqualification.
- Further enquiries to be issued to xolelwa.gwele2@transnet.net on or before 24 May 2023
- Presentation and Recording of the briefing session will be published 11 May 2023 (morning)
- **Tender Closing, 26 May 2023** - Please observe the closure of the tender and preferable submit before closing to avoid potential technical problems



TRANSNET



delivering freight reliably

BACKGROUND AND SCOPE OF REQUIREMENTS

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF STANDBY DIESEL GENERATORS AT PORT OF
EAST LONDON**

PRESENTED BY CHIEF ENGINEERING TECHNICIAN

WHAT INFORMED THE NEED?





PART C3: SCOPE OF REQUIREMENTS

3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION **(PAGE 108 to 115)**

Supply, Delivery, Installation, Testing and Commissioning:

1. 100kVa Standby Diesel Generator at Port Control Building : **Table 1**
2. 40kva standby generator at CRD building : **Table 2**

} complete with
changeover
panel

PART C3: SCOPE OF REQUIREMENTS CONTINUED.. 3 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

1. 100kVa Standby Diesel Generator at Port Control Building : **Table 1**

- ☐ The current standby diesel generator supports the server room and the VTS room only.
- ☐ The new standby generator must support the whole port control building, so as to allow the building users to fully utilize the building plugs, lights, etc. when connected power supply is from the generator.
- ☐ The connections at the panel must be wired such that the whole Port Control building including the server room & VTS is fully backed up by the new standby generator

PART C3: SCOPE OF REQUIREMENTS CONTINUED.. 4 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

2. 40kVa Standby Diesel Generator at Port Control Building : **Table 2**

- ☐ The generator must be able to fully support the CRD security control room, the server demand, together with the aircons in the server room
- ☐ The general building demand, lights, aircon in control room, hot water geyser and all plug points (control room has CCTV monitors, that will increase in size soon)
- ☐ The Security Managers Office in the opposite building

PART C3: SCOPE OF REQUIREMENTS CONTINUED..

5 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

- ☐ The Supplier shall provide all materials, equipment, labour, and services necessary for the complete installations in accordance with the intent of the technical specification.
- ☐ All equipment and material comply with the requirements and standards:
 - ✓ Standards Adherence (quality control, SANS and ISO)
- ☐ Ensure the generator system is linked with the UPS system
- ☐ The Supplier to link the new generator set with the existing GSM Commander Programmable telemetry system

PART C3: SCOPE OF REQUIREMENTS CONTINUED.. 6 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

Old/Existing Standby Diesel Generators : Located at the Port of East London

- ☐ The Supplier to **disconnect** and **remove** existing standby diesel generators including the existing panels from the Port Control Building and CRD building Standby Plant rooms.
- ☐ Transport the existing generators using heavy duty covered vehicle and place the existing generator sets at the location indicated by TNPA Port of East London Electrical personnel

PART C3: SCOPE OF REQUIREMENTS CONTINUED.. 7 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

- ☐ Control Panel System
- ☐ Automatic mains failure control panel
- ☐ Generating set control module
- ☐ Metering via LCD display
- ☐ Automatic shutdown and fault conditions
- ☐ Functional Description
- ☐ General

PART C3: SCOPE OF REQUIREMENTS CONTINUED.. 8 of 8



3 STANDBY DIESEL GENERATORS – FOR DETAILED INFORMATION SEE PART 3: GOODS AND/OR SERVICES INFORMATION (PAGE 108 to 115)

- ☐ Completion, Testing, Commissioning and Correction of Defects
- ☐ Take over procedures
- ☐ Guarantee
- ☐ Safety
- ☐ Environmental Responsibility
- ☐ Project Management

TRANSNET



delivering freight reliably

PRICING SCHEDULE

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF STANDBY DIESEL GENERATORS AT PORT OF
EAST LONDON**

PRESENTED BY CHIEF ENGINEERING TECHNICIAN

PART C2: PRICING DATA

SECTION A AND B – Page 105

C2.2 the price schedule

Do you currently have the required standby diesel generators? Yes ☐ No ☐

If No, what is the lead time in weeks to procure any or all to supply for this tender?

_____ Weeks

Note: Any additional information can be detailed on returnable schedule T2.2-05 Lead Time

BILL OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QTY	Rate	Price
A.	<u>PRELIMINARY AND GENERAL</u>	-			
1.1	Fixed Charge Items	-			
1.1.1	Site Establishment (Site facilities, Living Accommodation and safety board)	Sum	1		
1.2	Site Requirements				
1.2.1	Tools & equipment, Plant, etc	Sum	1		
1.3	<u>Safety and Environmental Requirements</u>	-			
1.3.1	Provision of PPE ¹ and Safety File, Disposal of general waste	Sum	1		

2	Contractual Obligations	-			
2.1	3 sets of Operation and maintenance manuals including As-Built drawings on hard copy and USB.	Sum	1		
2.2	Removal of existing standby generators, panels and cabling etc. and transport to MHA store	Sum	1		
2.3	Certificate of Compliance	Sum	2		
	<i>Total P & Gs</i>				
B.	SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF 100 kVA and 40KVA STANDBY GENERATOR				

PART C2: PRICING DATA**SECTION A AND B – Page 106****100 kVA**

ITEM NO.	DESCRIPTION	UNIT	QTY	Rate	Price
B.1.1	Supply of 100kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.1.2	Delivery of 100kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.1.3	Installation of 100kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.1.4	Testing and commissioning of 100kVA Standby Generator system as per the specification/scope of work.	Sum	1		

40 kVA

B.2.1	Supply of 40kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.2.2	Delivery of 40kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.2.3	Installation of 40kVA Standby Generator system as per the specification/scope of work including all the necessary cabling requirements, equipment and materials etc.	Sum	1		
B.2.4	Testing and commissioning of 40kVA Standby Generator system as per the specification/scope of work.	Sum	1		

TRANSNET



delivering freight reliably

TENDERING PROCEDURES

SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF STANDBY DIESEL GENERATORS AT PORT OF
EAST LONDON

PRESENTED BY REGIONAL PROCUREMENT MANAGER



PART T1: TENDERING PROCEDURES

- **RFQ information:** (Page 1 to 8)

- › Description: Supply, Delivery, Installation, Testing and Commissioning of Standby Diesel Generators At TNPA Port Of East London
- › RFQ Number: TNPA/2023/04/0008/28056/RFQ
- › Issue Date: 02 May 2023
- › Non-Compulsory Briefing: 10 May 2023 @ 13h00
- › Closing Date: 26 May 2023 @ 15h00
- › Tender Validity Period: 12 week from closing date

- **Annexures:**

- Annexure A: Technical Functionality Evaluation Criteria (attached as an Excel sheet)
- Annexure B: Pictures of the building sites where removal and installation will take place

- **Tender submissions:**

- › Submit bids on the Transnet Portal <https://transnetetenders.azurewebsites.net> (on Tender Submission)

- › **No late tenders will be accepted.**

PART T1: TENDERING PROCEDURES CONTINUED.. 2 of 10



- **SCM contact person: (details are available on the tender document)**

- › Xolelwa Gwele
- › email: xolelwa.gwele2@transnet.net

- **Site viewing (Page 7)**

- › Annexure B : Pictures of location where the standby diesel generators will be
- › A site visit is not compulsory. The site viewing can be any day from 03 May to 25 May 2023
- › Contact the SCM contact person to arrange
- › Safety shoes and visibility vests
- › Identification

- **Central Supplier Database (Page 10)**

- › Be registered to tender



T1.2 TENDER DATA

The tender documents issued by Employer (Transnet SOC Ltd - TNPA) comprises: **(Page 11)**

Part T: THE TENDER

Part T1: Tendering Procedures

T1.1 Tender notice and invitation to tender
T1.2 Tender data

Part T2 : Returnable documents

T2.1 List of returnable documents
T2.2 Returnable schedules

Part C: THE CONTRACT

Part C1: Agreements and contract data

C1.1 Form of offer and acceptance
C1.2 Contract data (Part 1 & 2)

Part C2: Pricing data

C2.1 Pricing instructions
C2.2 Price Schedule

Part C3: Scope of Services

C3.1 Goods and/or services Information

118
Pages



EVALUATION CRITERIA

Stage One – ADMINISTRATIVE RESPONSIVENESS (Page 12)

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

Stage Two – SUBSTANTIVE RESPONSIVENESS (Page 13)

Mandatory Returnable Documents:

- CIDB Registration or proof of registration
- Priced Offer / Pricing Schedule

Any tenderer that fails to meet the stipulated substantive mandatory evaluation criteria will be regarded as an unacceptable tender.



EVALUATION CRITERIA CONTINUATION...

TECHNICAL EVALUATION

Stage Three (A) – FUNCTIONALITY EVALUATION OF THE BIDDER

- Minimum threshold of 60 points
- Annexure A: Technical Functionality Evaluation Criteria (attached as an Excel sheet)
- List of Returnables T2.1 **(Page 13)**

Stage Three (B) – TECHNICAL COMPLIANCE OF THE STANDBY DIESEL GENERATORS

- Datasheets
- List of Returnables T2.1 **(Page 13)**

Stage Four – PRICE & B-BBEE

- 80/20 Preference Points System
- List of Returnables T2.1 **(Page 13)**



EVALUATION CRITERIA CONTINUATION...

Stage Three (A) – FUNCTIONALITY EVALUATION OF THE BIDDER

Company Experience through Reference Letters	Bidder must have conducted electrical work on industrial size standby diesel generators which are electrical generators, with the the following activities being involved: 1. Connecting a diesel generator of a size 20KVA or higher in a building 2. Supply and connecting electrical panel 3. Supply and connecting of UPS 4. Connecting, testing and commisioning of electrical back-up systems 5. Provision of Certificate of Compliance for electrical connection post installation	The refence letters must be submitted by Bidders and to contain the following details and address the requirements: (1) Be in a signed Customer reference letter, on the company letterhead, (2) indicating the Customer contact detail, (3) Period / Duration of the contract (if applicable), (4) Detailing the activities of the requirements implemented in line with requirements number 1 to 5.
Qualification of key role players and CVs/Company Profile as per the requirements	Provide qualifications of key role players for this contract. The following requirements must be met. 1. One (1) Electrical artisan with Trade test Certificate and drivers licence 2. Two (2) CVs of Artisan Assistants or General Workers 3. One (1) Artisan or Technician with Certificate of Compliance (COC) number. Bidder to indicate their resource who will issue the COC number in a CV or Company Profile. 4. Contract manager/Project Manager to be full time on-site with N6 electrical engineering qualification, OR National diploma in electrical engineering OR any higher qualification in electrical engineering	Tenderer must provide CVs / Company profile and Qualification/s certificates for the following: 1. Artisan to submit Trade Test Certificate and a valid drivers licence. 2. Contract manager / Project Manager to submit Qualification of N6 in Electrical engineering, or National Diploma in electrical engineering or any higher qualification in electrical engineering



EVALUATION CRITERIA CONTINUATION...

Stage Three (A) – FUNCTIONALITY EVALUATION OF THE BIDDER

Method Statement	The Tenderer must provide the methodology for executing the following activities. 1. Removing of existing generators and transporting to designated area 2. Installation of new generators in each building 3. Connection to panels and replacing of panels where necessary. 4. Connection of UPS to generator system 5. Installation of necessary cables and testing 6. Testing, Commissioning and demonstration of operating of system 7. Closing up holes, removal and disposal of waste, making good on all affected areas.	Tenderer must provide the methodology for executing the listed activities and any other applicable activities that are relevant to the safe and complete delivery of the supply and installation of standby diesel generators. The methodology need to demonstrate knowledge of site constraints and methods of working around trafficked areas.
Lead Time	The Tenderer must provide a lead time for the activities in the method statement and also procurement of equipment and materials. 1. The tenderer to provide a procurement plan showing the timelines related to purchasing and receiving the standby diesel generators and all other materials from receipt of purchase order. 2. The tenderer to provide a work plan detailing a time frame for the installation of standby diesel generators	The tenderer must provide a procurement plan and lead time. 1. The lead time in purchasing and receiving the standby diesel generators and all other materials from receipt of the Purchase Order to not exceed 2 months 2. The lead time in installation and related services of standby diesel generators to not exceed 1 month. 3. The lead time in issuing a Certificate of Compliance (completion certificate) should not exceed 1 day



EVALUATION CRITERIA CONTINUATION...

Stage Three (A) – FUNCTIONALITY EVALUATION OF THE BIDDER

Health, Environment and Safety management plan	Bidder must demonstrate full understanding of the TNPA Port of East London scope of requirements by presenting a detailed safety, health and environmental management plan specific to the project and 1. Must detail how the safety, health and environmental (SHE) requirements will be met 2. What Health and Safety measures are put in place for personnel working on site. 3. Project Risk Assessment based on the method statement 4. Valid Letter/s of Good Standing with the Workmen's compensation fund	The tenderer must provide a SHE Management plan for 1. Health and Safety Management plan 2. Environmental Management plan 3. Project Specific Risk assessment 4. Valid Letter of Good Standing with the Workmen's compensation fund
---	---	---



EVALUATION CRITERIA CONTINUATION...

Stage Three (B) – TECHNICAL COMPLIANCE OF THE STANDBY DIESEL GENERATORS

T2.2-07: Evaluation Schedule: Technical Data Sheets

Note: The tenderer's offer will be evaluated against the technical specifications for technical compliance (quality) and completeness. The technical data sheets must respond to the below technical specifications per each Standby Diesel Generator.

The technical data sheets to be supported by a technical returnable T2.2-08 drawings and T2.2-09 Clear Colour Pictures

Table 1: Technical Specifications of 100kVa Standby Generator at Port Control Building

Alternator	
Standby Power Output	100kVA
Prime	92KVA
Rated Voltage	230/400V AC
Phase	3 phase
Type	Brushless AC Generator
Power factor	0.8
Phase and connection	Three phase/four wire
Voltage regulate change	$\leq \pm 10\%$ UN
Stator	2/3 pitch
Rotor	Single bearing

Including....Drawings and Pictures

PART T2: RETURNABLE DOCUMENTS (Page 24 to 25)

T2.1 List of Returnable Documents

2.1.1. Stage One: This schedule is required for pre-qualification and eligibility purposes:

T2.2-01 Proof of CIDB registration grade 1EB or Higher Grade or proof of CIDB registration application for grade 1EB or Higher Grade

2.1.2. Stage Two (A): These schedules will be utilised for evaluation purposes:

T2.2-02 Evaluation Schedule: Company experience through reference letters

T2.2-03(a) Evaluation Schedule: Qualification/s of key role players

T2.2-03(b) Evaluation Schedule: Curriculum Vitae¹ Or Company Profile²

T2.2-04 Evaluation Schedule: Method Statement

T2.2-05 Evaluation Schedule: Lead Time

T2.2-06 Evaluation Schedule: Health, Environment and Safety Management Plan

2.1.3. Stage Two (B): These schedules will be utilised for evaluation purposes:

T2.2-07 Evaluation Schedule: Technical Data Sheets

T2.2-08 Evaluation Schedule: Drawings

T2.2-09 Evaluation Schedule: Clear Colour Pictures

2.1.4. Stage Three: These schedules will be utilised for evaluation purposes:

T2.2-10 Evaluation Schedule: Valid B-BBEE Certificate or Sworn or DTIC Affidavit

T2.2-11 Evaluation Schedule: Pricing Schedule/List

2.1.5. General Returnable Schedules

T2.2-12 Authority to submit a tender

T2.2-13 Letter of Good Standing

T2.2-14 Valid Tax Clearance Certificate OR TCS PIN

T2.2-15 Proof of registration on the Central Supplier Database

T2.2-16 A minimum 2-year guarantee on all new standby generator plant from date of take-over

T2.2-17 A minimum 12-month guarantee for any associated works

T2.2-18 Agreement in terms of Protection of Personal Information Act, 4 of 2013 ("POPIA")

T2.2-19 Certified copy of signed joint venture agreement (where applicable)

Agreement and Commitment by Tenderer:

T2.2-20 Compulsory Enterprise Questionnaire

T2.2-21 Non-Disclosure Agreement

T2.2-22 Certificate of Acquaintance with Tender Document

T2.2-23 Service Provider Integrity Pact

T2.2-24 Supplier Code of Conduct

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

2.3 C1.2 Contract Data

2.4 C2.1 Pricing Instructions

2.5 C2.2 Price Schedule



TRANSNET



delivering freight reliably

QUESTIONS AND ANSWERS SESSION

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF STANDBY DIESEL GENERATORS AT PORT OF
EAST LONDON**

PRESENTED BY THE BID SPECIFICATION COMMITTEE

QUESTIONS AND ANSWERS



Question
&
Answer



PRESENTATION AND RECORDING WILL BE ISSUED TO ALL ATTENDEES



THANK YOU

**We look forward to receive your
bid responses on time**

