

ATTENDANCE AND PARTICIPATING IN A MEETING

- **Meeting recording:** Please note the meeting will be recorded , Meeting recordings will become available shortly after the conclusion of the meeting.
- **Enter muted.** Enter any meeting with your mic muted.
- **Think about the background.** Consider using the *blur my background* feature in MS Teams or keep camera off.
- **Mute other devices and apps.** Make sure to mute your cell phone and close any other apps on your computer/laptop that might send distracting notifications.
- **Use chat window.** Kindly Consider, asking your questions in the chat window.
- **Be clear, concise.** Speak in a concise and clear manner and tone so that everyone can hear what you are saying.

Bid Reference Number: ORTIA7437/2024/RFP

BRIEFING SESSION :

**CONTRACTOR APPOINTMENT FOR UPGRADE OF STANDBY GENERATORS CONTROL SYSTEM AT
O.R. TAMBO INTERNATIONAL AIRPORT.**

PRESENTED BY : ONKGOPOTSE BOIKANYO



- **HOT-LINE**
- ACSA subscribes to fair and just administrative processes. ACSA therefore urges its clients, suppliers and the general public to report any fraud or corruption to:
- Airports Company South Africa TIP-OFFS ANONYMOUS
- **Free Call: 0800 00 80 80**
- **Free Fax: 0867 261 681**
- **Email: acsa@thehotline.co.za**

A person with a backpack is walking away from the camera on a moving walkway in an airport terminal. The walkway is flanked by glass railings and large windows on the left, and a series of shops and advertisements on the right. The scene is brightly lit with overhead lights.

AGENDA



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28/ 06/2024

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KEY DATES & CLARIFICATION

ACTIVITY	DATE
CIDB Tender notice	14 th JUNE 2024 (CIDB Portal)
Tender Publication Date	18 th JUNE 2024 (E-Tender Portal)

COMPULSORY VIRTUAL BRIEFING SESSIONS DATE/ TIME

A compulsory clarification meeting with representatives of the Employer will take place on Friday 28th June 2024 starting at 10:00 am hrs.

Venue: ORTIA Kudu Boardroom

Physical Address: O R Tambo International Airport (Kempton Park, Johannesburg)

3rd Floor in Terminal A Building, (en route to the Viewing Deck; ACSA Offices North wing)

ACSA offices

Signed (A1) - Certificate of Attendance at Compulsory Briefing session will be sent to bidders who attended the compulsory session.

Tender Closing Date for Submissions

Thursday, 18 July 2024 (11:00 am) (South African Time). Tenders must be placed inside the **Tender Box "B"** at the Airport.

(NO LATE TENDERS WILL BE ACCEPTED)

TENDER CLARIFICATION PROCESS

- Request for clarity or information on the tender may only be requested until **Monday ,08th July 2024 at 14:00 pm.**
- All responses to queries sought by a bidder will be advertised on Etenders .
- Responses will be made available **within forty-eight (48) hours** post-closing of queries .
- Bidders may not contact any ACSA employee on this tender other than those listed .
- All clarification shall be directed to : **Onkgopotse Boikanyo**

Designation: **Senior Buyer**

Tel: **011 723 1568**

Cell : **061 644 6380**

Email: Onkgopotse.Boikanyo@airports.co.za

A person with a backpack is walking away from the camera on a moving walkway in an airport terminal. The walkway is flanked by glass walls and various advertisements. The scene is brightly lit with overhead lights.

SCOPE OF WORK & PRICING BREAKDOWN

BY End User

General requirement

The existing standby generators must be fully upgraded utilizing the electronic equipment that meets the Specifications.

The generators shall be fully automatic, i.e. they shall start when any one phase of the normal main supply fails or is out of pre-set limits, and shall shut down when the normal supply is re-established. The three synchronizing and parallel operating functions will be utilized whenever possible to eliminate operational disruption.

Standby generators

The existing engines shall have electronic equipment installed on the existing governors to provide class A0 governing in accordance with BSS.5514. Governor actuators and controllers shall be utilized on each engine to ensure they are capable of delivering the specified output continuously under the site conditions mentioned below, without overheating.

The engines shall be capable of delivering an output of 110% of the specified output for one hour in any period of 12 hours consecutive running.

A magnetic pick-up shall be installed on the flywheel ring-gear to provide an engine speed reference to the performance curves from the engine and governor controller manufacturer showing the output of the particular engine against the speed, for continuous operation, block load acceptance as well as fuel consumption when the engine is used for the generation of electricity, shall be submitted with the tender.

This Specification covers the upgrade of the standby generator control system installed 15 substations and 3 nineteen (19) standalone generators substations at O.R Tambo International Airport which encompasses the design, manufacture, functional testing, modification of all control wiring on site, installation of engine controllers and electronic governors, commissioning and handover in full working order of existing control panel and existing standby generators.

Full performance curves and illustrations of the equipment offered must be submitted with the tender. Tenderer may not quote for their standard equipment, complying as closely as possible with this Specification, but any deviations from the Specification must be fully detailed.

The proposed installation upgrade consists of mains incomers single and multiple Diesel Generators as fully quantified in the detailed specification This incoming supplies feed onto a Synchronizing/Load busbar which in turn feeds the essential load's.

The generators must be arranged to synchronize and run in parallel with one another as well as the Normal Mains Supply ensuring a no-break transfer of power in both directions. Peak shaving and island mode functions are a specific requirement. These functions must be designed to allow for remote from the ACSA control centre as required by the operational demands utilizing the existing IT infrastructure.

Control board.

The control board shall be fully equipped with controllers for both change-over switchgear and generators. The controller's shall be capable to perform auto load transfer and synchronization. The board shall be completely rewired. New circuit diagrams shall be provided and compiled to fully satisfy the requirements of IEC.

Approval of these circuit diagrams is required by the engineer before any work may proceed.

PRICING DATA

	Summary	Total BOQ
Item	Description	R
1	Preliminary and General	R
2	Total BOQ#1: 15/33 Substation	R
3	Total BOQ number#2: 03L Substation	R
4	Total BOQ number#3: 03R Substation	R
5	Total BOQ number#4: 21L Substation	R
6	Total BOQ number#5: 21R Substation	R
7	Total BOQ#6: New L Band Substation	R
8	TOTAL BOQ#7: Fuel Farm Substation	R
9	Total BOQ number#8: Substation 10	R
10	Total BOQ number#9: Substation 12	R
11	Total BOQ number#11: Substation 4	R
12	Total BOQ number#12: Substation 9	R
13	Total BOQ number#13: Substation 14	R
14	Total BOQ number#14: Substation 11	R
15	Total BOQ number#15: Substation 1 Freight/Cargo	R
16	Total BOQ number#16: Golf Generator	R
18	Total BOQ number#17Super South Generator	R
19	Total BOQ number#18: New Complex Substation	R
20	Total BOQ number#19: Substation 15	R
	TOTAL CARRIED FORWARD TO THE FORM OF OFFER	R

PART C1: AGREEMENT AND CONTRACT DATA

Offer

The employer, identified in the acceptance signature block, wishes to enter into a contract for the

CONTRACTOR APPOINTMENT FOR PROVISION TO UPGRADE STANDBY GENERATOR CONTROLS AT OR TAMBO INTERNATIONAL AIRPORT FOR A PERIOD OF 12 MONTHS

The contractor, identified in the offer signature block, has examined this document and addenda hereto as listed in the schedules, and by submitting this offer has accepted the conditions thereof

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 15% is	R
The total offered amount due inclusive of VAT is	R
(in words)	

(The above amount should be calculated as per the guide provided in the Activity Schedule (PART C2: PRICING DATA). In the event of any conflict between the amount above and the Activity Schedule (PART C2: PRICING DATA), the latter shall prevail.)

A person with a backpack is walking away from the camera on a moving walkway in an airport terminal. The terminal has large windows on the left and various signs and advertisements on the right. The walkway is moving, creating a sense of motion.

EVALUATION CRITERIA

BY ONKGOPOTSE & End User

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Test for Responsiveness As per Clause C3.8	Mandatory Requirements	Evaluate on functionality or the technical aspect of the bid	Evaluate price and Preference	Post tender negotiations (If necessary)	Security Vetting (If necessary)

Mandatory Administration Criteria

1. Bidders must attend a compulsory site briefing session.

***Signed (A1)** - Certificate of Attendance at Compulsory Briefing session will be sent to bidders who attended the compulsory session

2. Only tenderers who are a valid CIDB contractor grading of 5 EB or 5 EP OR higher.

3. Completed in full and signed Form of offer C1.1.

4. Bidders must complete, sign and acknowledge Bidder's Disclosure form SBD4.

5. Letter of Good standing with workman's compensation commissioner COIDA.

FUNCTIONALITY EVALUATION OVERVIEW

Points allocated for Functionality shall be evaluated in accordance with the criteria as listed below. An overall minimum threshold of **60 points out of 100** must be achieved for the tender to be eligible for further evaluation on Price and B-BBEE.

Description of quality criteria	WQ	Sub criteria	Max Score	Minimum Threshold
		Quality Score		
Tenderer's resource proposal	50	Qualifications	30	18
		Resource's Experience	20	12
References and experience	30	Company experience and references	30	18
Project Plan	20	Ghantt chart	20	12
Total			100	60

SUBMISSION OF BID DOCUMENTS

The Employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are:

ACSA North Wings Offices

International Terminal Building 3rd Floor

O. R. Tambo International Airport

Closing Date: Thursday, 18 July 2024 (11:00 am)

- **TENDER BOX "B"**

Identification details: Bid Ref. No: ORTIA7437/2024/RFP

Title: CONTRACTOR APPOINTMENT FOR UPGRADE OF STANDBY GENERATORS CONTROL SYSTEM AT O.R. TAMBO INTERNATIONAL AIRPORT.



QUESTIONS



A photograph of an airport departures board. The board is a large digital screen with a blue header that reads 'Departures' and a digital clock showing '14:37'. The board displays a list of flights with columns for Flight, Destination, Time, Gate, Status, and New Time. The text 'THANK YOU' is overlaid in large, white, semi-transparent letters across the center of the board.

Flight	Destination	Time	Gate	Status	New Time
HM060	Seychelles	13:58	A11	Closed	
SA028	Harare	14:55	A01	Final Call	
SA060	Laikipia	15:00	A05	Gate	
SA0062	Naseru	15:00	A19	Closed	
BP206	Gaborone	15:00	A19		
SA1775	Gaborone	15:45	A35		
FH8336	Harare	15:50	A21		
SA0086	Manzini - King Msw	16:05	A29		
SA0156	Ndola	16:05	A27		
SA0164	Lusaka	16:20	A19		
SA0102	Harare	16:20	A21		
DT578	Luanda	16:35	A05		
SA286	Hong Kong	16:50	A05		
SA0458	Gaborone	17:00	A10		
K0763	Nairobi	17:30	A15		
TK043	Istanbul	18:10	A05		

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