

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.

The image shows the King Shaka International Airport terminal building at dusk. The building has a modern design with a large glass facade and a prominent sign that reads "KING SHAKA INTERNATIONAL". The sky is a deep blue, and the building's lights are visible. In the foreground, there is a tarmac area with a white truck and some equipment.

KING SHAKA INTERNATIONAL

**BRIEFING SESSION :TENDER REFERENCE
KSIA7427/2024/RFP**

**REQUEST FOR PROPOSALS FOR THE PROVISION UPGRADE AGL
(AERONAUTICAL GROUND LIGHTING UPGRADE) FOR A PERIOD OF
24 MONTHS AT KING SHAKA INTERNATIONAL AIRPORT.**

- **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 has a teal light strip along its edge. The terminal is bright and modern, with various signs and advertisements visible on the walls and ceiling. The overall atmosphere is clean and professional.

AGENDA



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22/03/2024

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KEY DATES & CLARIFICATION

ACTIVITY	DATE
Tender Publication Date	<p>CIDB TENDER PUBLICATION / NOTICE - 08th MARCH 2024</p> <p>TENDER DOCUMENT AVAILABILITY</p> <p>Tender document is available from FRIDAY, 08TH MARCH 2024, FROM 15:00 PM For free, Download from National Treasury's eTender Publication Portal (http://www.etenders.gov.za)</p>
COMPULSORY VIRTUAL BRIEFING SESSIONS DATE/ TIME	<p>A compulsory clarification meeting with representatives of the Employer will take place at online (MS TEAMS), on 22nd MARCH 2024, starting at 13:00 PM hrs.</p>
Tender Closing Date for Submissions	<p>MONDAY ,15TH APRIL 2024 @ 12:00 PM</p> <p>(NO LATE TENDERS WILL BE ACCEPTED)</p>

TENDER CLARIFICATION PROCESS

- Request for clarity or information on the tender may only be requested until **04th APRIL 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 railings and various advertisements. The scene is brightly lit with overhead lights.

SCOPE OF WORK & PRICING BREAKDOWN

BY Mr End User

AGL (Airfield Ground Lighting) infrastructure at King Shaka International Airport was installed in 2010 with no electrical intermediate holding points for intersecting Taxiways but provided surface marking holding points only.

It should be noted that the visual surface markings are only utilized during the day, for night operations and Low Visibility Operations the visual aid lighting in terms of electrical intermediate holding points are required. In addition to the above, the AGL primary cable need to be replaced due to ageing, the primary cables insulation and the terminations of cables have become weak allowing moisture to go through the primary circuits which causes earth faults and subsequently open circuit.

The AGL upgrade will assist in ensuring safety on airfield during operations as well as minimizing repairs on AGL circuit. Electrical intermediate holding points will also assist the Pilots in enabling them to identify the holding points from a distance during low visibility operations.

DESCRIPTION OF THE WORKS DESCRIPTION OF WORK: SUPPLY, DELIVERY AND INSTALLATION OF PRIMARY CABLE (AGL UPGRADE) AT KING SHAKA INTERNATIONAL AIRPORT:

- Decommissioning and removal of currently installed primary and secondary cable including isolation transformers
- Calculation of the earth fault settings for CCR,
- Circuit insulation resistance calculations
- Recalibration of the CCRs
- Supply, delivery and installation of primary and secondary cable including isolating transformers
- Supply and installation of taxiway intermediate holding position signage.
- Commissioning of all installed AGL cable and the taxiway intermediate holding position signage.

Primary Cable

The cable should be single core cable, XLPE insulated, copper tape screened for airfield lighting series circuits. Rated voltage to grounded shield of 5kV RMS. 1 x 6mm², 7 strand, tinned copper conductor in accordance with (or adapted to) FAA L-824, type C. Compliant with ICAO Doc 9157 Part 5

Primary connectors

- Primary connector Kit KD500
- KD501.1 PLUG 2 x 4-6 mm² ST 4/11
- KD502.1 FEM 2 x 4-6 mm² ST 4/11

Secondary Cable

- Secondary cable BCL2 / EPR / CPE-XL 4mm² 2-core orange colour

Isolating Transformers

The isolating transformers range from 45W to 300W. They must come with earth and the ratio is 1:1 for 6.6A/6.6A and support the power frequency of 50Hz/60Hz. Transformers will be replaced where required.

80-100mm existing sleeve to be reused. Pulling of the cables will be staggered from manhole to Manhole to ensure that the existing is circuits are replaced in tandem and ready for operation the following night. Working hours is between 22h00-04h00 daily or after the last flight.

Existing circuits CCR to be reused.

Guidance Signs

- The sign shall consist of a rigid, self-supporting aluminium housing of low mass. Its construction shall be modular with a commonality of mechanical and electrical components throughout the entire sign range. The signs shall be available in two legend heights: 300 mm and 400 mm, corresponding to face heights of minimum 600 mm and 800 mm respectively.

All the above lighting should adhere to Aerodrome Design Manual, Document 9157 (AN/901), Parts 1 to 6 and ICAO Annex 14 Volume 1.

Installation of the Taxiway Holding Signage

- Signage will be fitted with LED lighting. The letter and directional board on the signage shall indicate the holding points markings. The specification for signs are as follows:

Cable Installation

- The existing circuits are supplied from two Substations i.e. AS1 and AS4. The existing cabling shall be used in conjunction with the existing CCR manufactured by the third party (Denel Aviation SOC). The calibration of the CCR's will be required to provide an optimum current to the new LED's. The bidder will be required to interact with the third party (Denel Aviation SOC) to achieve the calibration required.

THE ACTIVITY SCHEDULE

Bill of Quantity Summary	
Description	TOTAL
Total BOQ No1 - Preliminary and General	R
Total BOQ No2 - Equipment	R
Total BOQ No3 - Installation	R
Total BOQ No4 - Commissioning	R
SUB - TOTAL	R
CONTINGENCY @ 10%	R
VAT @ 15%	
GRAND TOTAL – Form of Offer to be carried over to page 2 of this contract.	R

Bill of Quantities - FOREIGN CURRENCY EQUIPMENT				
List Equipment or Items that will attract foreign currency				
Item	Description	UOM	Rate in Foreign Currency	Total in Foreign Currency
TOTAL BOQ in Foreign Currency – for Equipment attracting foreign currency				

A person with a backpack is walking on a moving walkway in an airport terminal. The walkway is moving to the right, and the person is walking in the same direction. The terminal has a high ceiling with large windows and various signs and advertisements. The overall atmosphere is busy and modern.

EVALUATION CRITERIA

BY ONKGOPOTSE & END-USER

Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Test for Responsiveness Check : If all the documents have been received.	Mandatory Requirements	Evaluate on functionality or the technical aspect of the bid.	Evaluate price and Preference.	Post tender negotiations. If applicable	Security Vetting If deemed necessary

Mandatory Administration Criteria

MANDATORY RETURNABLE DOCUMENTS AND INFORMATION	SUBMITTED [Yes or No]
Completion and signing of the form of offer page (C1.1 Contract document)	
Completion of the SBD 4 Bidder's disclosure form	
Only tenderers who are a CIDB contractor grading of 7 EB / 7 EP or higher.	
Attendance of Compulsory Briefing session	

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.

<ul style="list-style-type: none"> Company Experience Proven experience in Airfield Ground Lighting cable installation AGL Maintenance OR MV electrical cable installation <ul style="list-style-type: none"> ➤ 1 or less projects 0 ➤ 2 Projects 18 ➤ 3 or more Projects 30 <p>Proven experience must be demonstrated by means of completion certificates OR Reference letters. A valid reference letter / completion certificates should be on a client letterhead. The reference letter / completion certificates should have the scope, value of contract, name of contact person and contact details. Reference letters / completion certificates missing above key information will be rendered invalid and will not be considered.</p>	18	30												
<ul style="list-style-type: none"> OEM Letters/Certificates of compliance with ICAO or FAA Standards on the airfield materials to be supplied. A supplier must provide in OEM certificates/letters of compliance with ICAO or FAA <ul style="list-style-type: none"> 1 No Valid certificate/Letter 0 2 ICAO or FAA certificates/ Letters submitted 12 3 ICAO and FAA certificates/letters submitted 20 	12	20												
<ul style="list-style-type: none"> Contract Manager <ul style="list-style-type: none"> ○ <i>Relevant Experience in contract or project management (project details and reference to be supplied)</i> <table border="1" data-bbox="241 963 801 1049"> <tr> <td style="background-color: yellow;">>5 years</td> <td style="background-color: yellow;">3 – 5 Years</td> <td style="background-color: yellow;"><3 Years</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">6</td> <td style="text-align: center;">0</td> </tr> </table> ○ <i>Relevant Education (Project Management / Electrical /Managerial Diploma) (certified qualification certificate to be provided)</i> <table border="1" data-bbox="241 1120 879 1220"> <tr> <td style="background-color: yellow;">B-Tech or Higher</td> <td style="background-color: yellow;">Diploma</td> <td style="background-color: yellow;">Less than a diploma</td> </tr> <tr> <td style="text-align: center;">10</td> <td style="text-align: center;">6</td> <td style="text-align: center;">0</td> </tr> </table> 	>5 years	3 – 5 Years	<3 Years	10	6	0	B-Tech or Higher	Diploma	Less than a diploma	10	6	0	6 6	10 10
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10	6	0												

<p>➤ Technician</p> <ul style="list-style-type: none"> ○ Relevant Experience (AGL cable installation OR AGL maintenance) (project details and reference to be supplied) <table border="1" data-bbox="202 297 739 391"> <tr> <td>>5 years</td> <td>3 – 5 Years</td> <td><3 Years</td> </tr> <tr> <td>10</td> <td>6</td> <td>0</td> </tr> </table> <ul style="list-style-type: none"> ○ Relevant Education (certified qualification certificate to be provided) <table border="1" data-bbox="208 534 861 711"> <tr> <td>> N3 Elec/Electronics with trade test or B-Tech elec</td> <td>N2 Elec/Electronics with trade test OR NDip elec</td> <td><N2 Elec/Electronics</td> </tr> <tr> <td>10</td> <td>6</td> <td>0</td> </tr> </table>	>5 years	3 – 5 Years	<3 Years	10	6	0	> N3 Elec/Electronics with trade test or B-Tech elec	N2 Elec/Electronics with trade test OR NDip elec	<N2 Elec/Electronics	10	6	0	<p>6</p> <p>6</p>	<p>10</p> <p>10</p>
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10	6	0												
<p>➤ Program & Schedule</p> <ul style="list-style-type: none"> 1 No Program 0 2 Programme without timelines 6 3 Program with timelines 10 <p>The respondent will provide a preliminary Program (Microsoft Project format or excel) which demonstrates realistic time frames which meets the required project.</p> <p>use the bid closing date as the start date for proposed program.</p>	<p>6</p>	<p>10</p>												
<p>Total</p>	<p>60</p>	<p>100</p>												

CLOSING DATE

The closing time for receipt of tenders is **MONDAY ,15TH APRIL 2024 @ 12:00 PM** (South African Time).

The bid document must be delivered to the address below and must be addressed as follows:

Airports Company SA SOC Ltd,

HAND DELIVERY:

THE TENDER BOX IS LOCATED AT:

King Shaka International Airport

La Mercy

MSO Building (Multi Storey Office Block)

Ground Floor, Reception

Outside Terminal Building

Near Pickup Zone

OFFICE HOURS 8am – 3pm

CLOSED ON THE WEEKENDS AND PUBLIC HOLIDAY



QUESTIONS

Departures						14:37
Flight	Destination	Time	Gate	Status	New Time	
HM060	Seychelles	13:50	A11	Closed		
SA028	Harare	14:55	A01	Final Call		
SA060	Las Vegas	15:00	A01	Boarding Gate		
SA0062	Maseru	15:00	A09	Boarding		
BP206	Gaborone	15:00	A09	Boarding		
SA1775	Gaborone	15:45	A05	Boarding		
FH0336	Harare	15:50	A21	Boarding		
SA0086	Manzini - King Msw	16:05	A29	Boarding		
SA0156	Ndola	16:05	A27	Boarding		
SA0164	Lusaka	16:20	A19	Boarding		
SA0102	Harare	16:20	A27	Boarding		
DT578	Luanda	16:35	A07-08	Boarding		
SA206	Hong Kong	17:00	A09	Boarding		
SA0458	Gaborone	17:00	A09	Boarding		
KQ763	Nairobi	17:30	A15	Boarding		
TK043	Istanbul	18:10	A05	Boarding		

THANK YOU

DISCLAIMER

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THANK YOU