



WELCOME

TENDER FOR THE APPOINTMENT OF A SERVICE PROVIDER TO DESIGN, SUPPLY, INSTALL, COMMISSION AND MAINTAIN A LITHIUM-ION BATTERY INSTALLATION AT KIMBERLEY AIRPORT AND GEORGE AIRPORT, FOR AIRPORTS COMPANY SOUTH AFRICA FOR A PERIOD OF 36 MONTHS

**George Airport site briefing: Wednesday 14^h August 2026
starting at 10:30**

INTRODUCING THE TEAM :

SUPPLY CHAIN MANAGEMENT :

Kamaal Allom – Senior Buyer | Category Management

TECHNICAL TEAM :

- Bertram Stoffels - Senior Project Practitioner – Project Lead
- Tabane Motwane – Chief Electrical Engineer • Enterprise Asset Management
- Tlotlego Maintenance Engineering, Technical Member.

AIRPORTS COMPANY OF SOUTH AFRICA

ANTI-CORRUPTION HOTLINE

Report Fraud and Corruption using our Anti-Corruption Hotline, which is operational 24 hours a day, 7 days a week, 365 days a year.

Free Call: 0800 00 80 80

Email: acsa@thehotline.co.za

Visit: www.thehotline.co.za

**SAY NO TO
CORRUPTION**



AIRPORTS COMPANY
SOUTH AFRICA

Activity	Date
Bid Advertisement	29 th July 2026
Compulsory Briefing Session - George	14 th August 2026 at 10:30
Site Walk	TBD
Enquiries and clarification Closing	Friday 21st August 2026 at 15:00
Tender Closing date	Monday 07th September 2026 at 14:00



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19/11/2025

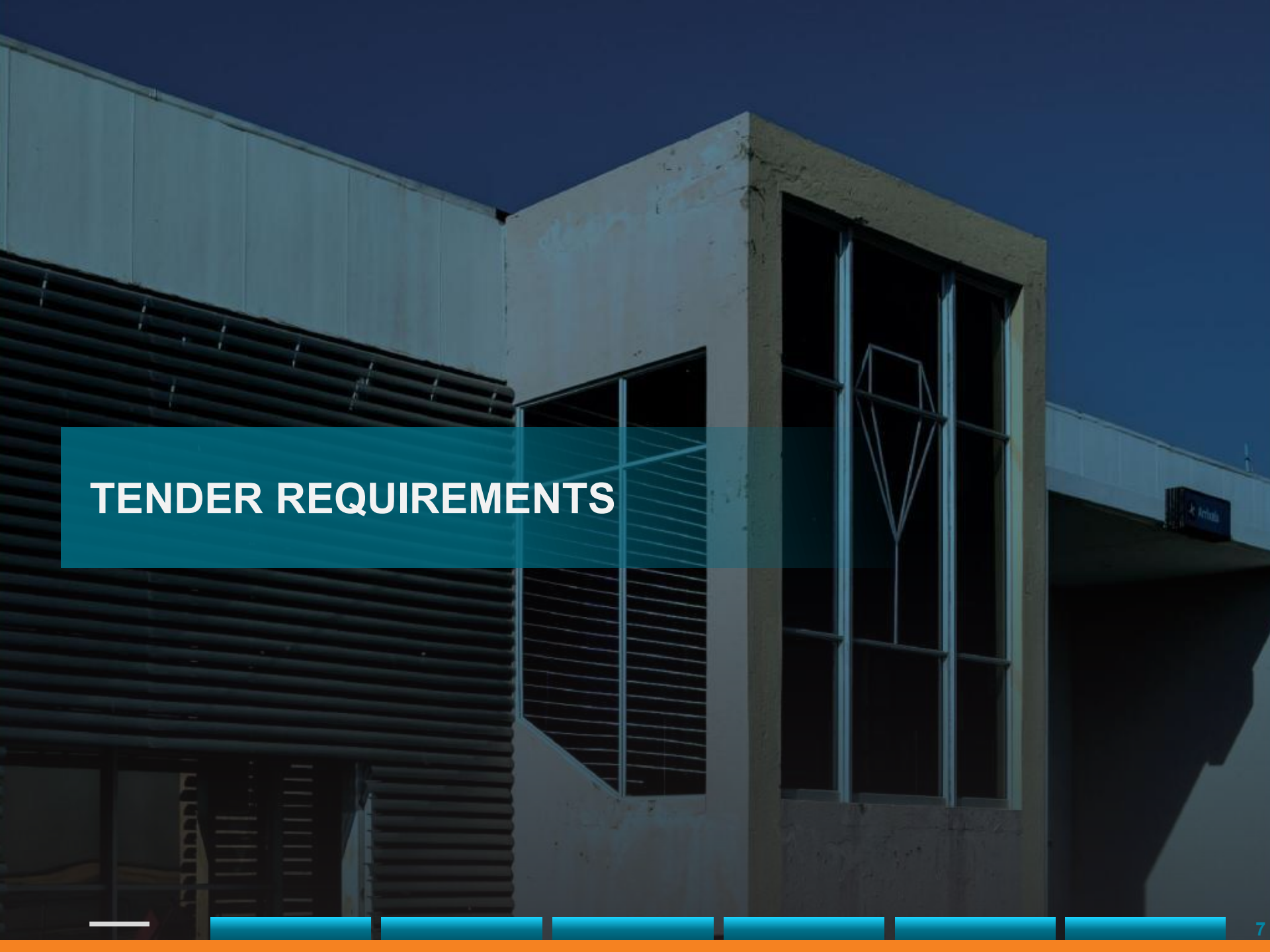
1 | Tender Requirements

2 | Scope of Works

3 | Pricing Data

4 | Site Information

5 | Q&A AND SITE INSPECTION SESSION

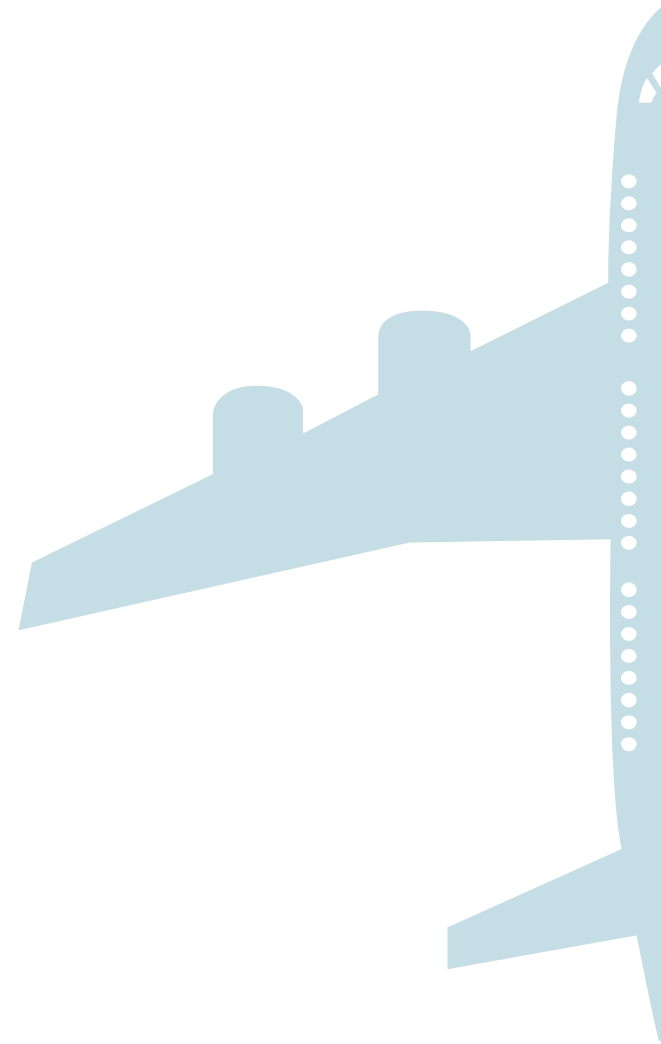
A photograph of a modern building facade with a teal overlay. The building features a mix of materials, including light-colored concrete and dark, horizontal-slatted panels. A large window with a geometric metal frame is visible on the right. The text 'TENDER REQUIREMENTS' is centered in a white, bold, sans-serif font within the teal overlay.

TENDER REQUIREMENTS

1. Tender Requirements

Tender Evaluation Process Summary:

- ✓ Phase 1 – Mandatory Evaluation
- ✓ Phase 2 – Functionality Evaluation
- ✓ Phase 3 – Price & Preference



PHASE 1

Mandatory Evaluation

Mandatory criteria phase will disqualify bidders for not submitting the following registration documents and/or proof of documentation.

- Attendance of Compulsory virtual **Briefing** Session by completing the attendance register
- Complete and Sign the Form of Offer and Acceptance (C1.1), as contained in the **NEC Engineering and Construction Contract (ECC)** document and the **NEC3 Term Service Contract (TSC) Maintenance Contract**, must be completed in full and duly signed by an authorized representative of the Respondent. Failure to submit a fully completed and signed Form of Offer and Acceptance may result in the submission being deemed non-responsive.
- Only active **CIDB contractors** grading from 7EP **or higher** are eligible to bid on this initiative.
- Bidders must fully complete and Sign the Bidder Disclosure form **SBD 4**.
- Bidders must provide proof of COIDA (Compensation for Occupational Injuries and Diseases Act) (Letter of good standing with the Workers Compensation Commissioner or proof of application) with the Department of Labour, FEM or RMA.

Tenderers must satisfy the Administrative Requirements

PHASE 2 - Functionality Evaluation

- ❖ The evaluation process will be based on prequalification/threshold criteria. Points allocated for Functionality shall be evaluated in accordance with the criteria as listed below.
- ❖ Points allocated for functionality shall be evaluated in accordance with the criteria as listed below.
- ❖ Total points allocated shall be 100. **Bidding entity must achieve an overall threshold score of 55 points or higher. A bidding entity that fails to meet overall score of 55 will be disqualified.**

PHASE 2 - Functionality Evaluation

PHASE 2 - Functionality Evaluation

Key Resources

5.1.2.	Company References										
5.1.2.1.	The bidder shall provide a minimum of one (1) reference letter/s on a client's letter head on Solar Photovoltaic (PV)+Battery Energy Storage (BESS) or BESS projects. <table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>No reference letter or completion certificate provided</td><td>0</td></tr> <tr> <td>One (1) reference letter or completion certificate provided</td><td>5</td></tr> <tr> <td>Two (2) or more reference letters or completion certificates provided</td><td>10</td></tr> </tbody> </table> Note: The reference letters must be on the company letter head and signed, and should contain the project name, high-level project scope/description, project value, project duration, and contactable reference by email. The reference letters must be aligned with any of the project/s or one project on the list provided under company experience.	Criterion	Score	No reference letter or completion certificate provided	0	One (1) reference letter or completion certificate provided	5	Two (2) or more reference letters or completion certificates provided	10	10	
Criterion	Score										
No reference letter or completion certificate provided	0										
One (1) reference letter or completion certificate provided	5										
Two (2) or more reference letters or completion certificates provided	10										

PHASE 2 - Functionality Evaluation

Key Resources

5.1.3.	Experience of key personnel							
5.1.3.1.	Project Manager: The project manager shall have experience in managing Solar Photovoltaic (PV)+Battery Energy Storage (BESS) or BESS projects. Relevant project management experience (Attach copies of CVs)	20						
	<table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>No evidence of experience</td><td>0</td></tr> <tr> <td>One (1) year experience</td><td>5</td></tr> <tr> <td>two (2) or more years of experience</td><td>10</td></tr> </tbody> </table>			Criterion	Score	No evidence of experience	0	One (1) year experience
Criterion	Score							
No evidence of experience	0							
One (1) year experience	5							
two (2) or more years of experience	10							
Relevant Education and Qualification (Attach copies of qualifications)								
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Engineering National Diploma or Equivalent NQF 6	5							
More than Engineering National Diploma NQF 7 & higher	10							

PHASE 2 - Functionality Evaluation

Key Resources

5.1.3.2.	Lead Engineer/s: The Lead engineer/s shall have design, installation, construction, testing and commissioning experience in successful delivery of Solar Photovoltaic (PV)+Battery Energy Storage (BESS) or BESS solutions. The details of completed projects, relevant experience by completing Form A5 and qualifications shall be provided in the form of a CV and copies of qualifications. Relevant engineering experience (Attach copies of CVs) <table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>No evidence of experience</td><td>0</td></tr> <tr> <td>One (1) year experience</td><td>5</td></tr> <tr> <td>two (2) years or more of experience</td><td>10</td></tr> </tbody> </table> Relevant Education and Qualification (Attach copies of qualifications) <table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>Lower than BTech NQF Level 7</td><td>0</td></tr> <tr> <td>B.tech or Equivalent and Pr. Tech Eng (Electrical or Electronics or Mechatronics) NQF Level 8</td><td>5</td></tr> <tr> <td>Higher than B.tech and Pr. Tech Eng NQF Level 9</td><td>10</td></tr> </tbody> </table>	Criterion	Score	No evidence of experience	0	One (1) year experience	5	two (2) years or more of experience	10	Criterion	Score	Lower than BTech NQF Level 7	0	B.tech or Equivalent and Pr. Tech Eng (Electrical or Electronics or Mechatronics) NQF Level 8	5	Higher than B.tech and Pr. Tech Eng NQF Level 9	10	20	
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PHASE 2 - Functionality Evaluation

Key Resources

5.1.3.3.	Installation Technician/s: The technician/s shall have experience in the installation and maintenance of Solar Photovoltaic (PV)+Battery Energy Storage (BESS) or BESS solutions. Relevant engineering experience (Attach copies of CVs) <table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>No evidence of experience</td><td>0</td></tr> <tr> <td>One (1) year experience</td><td>5</td></tr> <tr> <td>Two (2) years or more of experience</td><td>10</td></tr> </tbody> </table> Relevant Education and Qualification (Attach copies of qualifications) <table border="1"> <thead> <tr> <th>Criterion</th><th>Score</th></tr> </thead> <tbody> <tr> <td>Lower than National Diploma NQF Level 5</td><td>0</td></tr> <tr> <td>National Diploma or Equivalent (Electrical or Electronics or Instrumentation) NQF Level 6</td><td>5</td></tr> <tr> <td>More than National Diploma NQF Level 7 or higher</td><td>10</td></tr> </tbody> </table>	Criterion	Score	No evidence of experience	0	One (1) year experience	5	Two (2) years or more of experience	10	Criterion	Score	Lower than National Diploma NQF Level 5	0	National Diploma or Equivalent (Electrical or Electronics or Instrumentation) NQF Level 6	5	More than National Diploma NQF Level 7 or higher	10	20	
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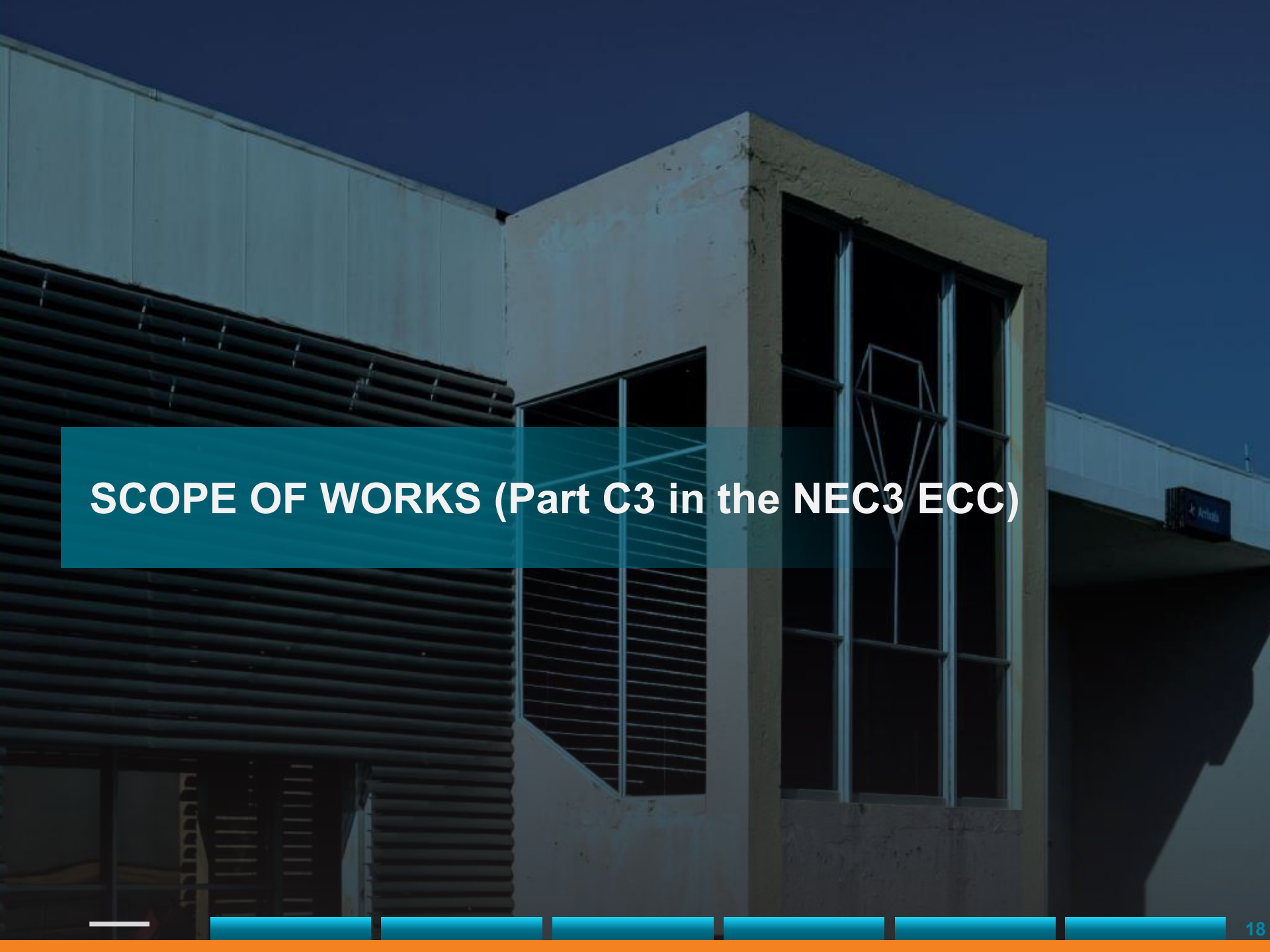
PHASE 2 - Functionality Evaluation

5.1.4. Battery Energy Storage System Specifications			
5.1.4.1.	The bidder shall supply the following information regarding the product specifications: a. Proposed Battery Energy Storage Brochure/catalogue/datasheets b. Bidder's response as per Annexure B		10
	Criterion	Score	
	No information provided	0	
	Information provided as per (a)	5	
	Information provided as per (a+b)	10	
TOTAL		100	55 points

PHASE 3 – PRICE & PREFERENCE

point system.

Specific Goals	Number of points (80/20 system)	Bidder actual score
B-BBEE Status Level 1	5	
B-BBEE Status Level 2	4.5	
B-BBEE Status Level 3	4	
B-BBEE Status Level 4	3	
B-BBEE Status Level 5	2	
B-BBEE Status Level 6	0.5	
B-BBEE Status Level 7	0.3	
B-BBEE Status Level 8	0.1	
<i>Black youth majority-owned entities</i>	5	
<i>Black women majority-owned entities</i>	5	
<i>Majority living with Disability</i>	5	
Non- compliant contributor	0	

A photograph of a modern building facade with a teal overlay. The building features a mix of materials, including light-colored concrete or plaster and dark, horizontal-slatted panels. A large window with a white frame and a diamond-shaped metal grille is visible on the right. The sky is a clear, deep blue. A semi-transparent teal rectangle is centered over the image, containing the title text in white.

SCOPE OF WORKS (Part C3 in the NEC3 ECC)

The scope of works for the implementation of a battery energy storage system (BESS) involves following aspects:

- Integrating the BESS with the existing solar PV plant with the objective to minimize dependency on the national grid, reduce operational expenditure, lower emissions, and enable smart grid adoption. This includes designing and engineering the system, procuring, and supplying components as per the technical requirements, conducting site preparation and installation, commissioning and confirming that the integrated system performs per the design through testing, and implementing advanced control systems for smart grid functionalities
- Assessment of the solar plant performance in line with the OEM performance guarantee and to augment the capacity of the solar plant by at least 11% or more based on the outcomes of the assessment.

- Training operational staff, developing a maintenance plan, and providing a maintenance and services 60-month plan for consideration by ACSA as an option, and implementing a monitoring system to ensure measure and optimise day to day performance of the system.
- The supply a 2-year performance warranty for the Battery Energy Storage solution to safeguard ACSA's investment and shall specify the conditions of warranty. ACSA also seeks performance guarantees that ensure that the seem will maintain its specified performance in line with Original Equipment Manufacture's specification throughout its lifecycle

SCOPE OF WORKS:

Airport	GRG
Parameter	Specification
Battery Technology	Lithium-ion
Inverter Technology	Hybrid
Rated Power Capacity (kWp)	750
Minimum Useable Capacity(kWh)	1400
Voltage Range (V)	380/400VAC 3-phase
Grid Frequency (Hz)	50
Depth of Discharge	≥80%
Service Life	≥15 years @80% DOD
Response Time	Milliseconds to seconds
Round-Trip Efficiency	Supplier to specify
Self-Discharge	Supplier to specify
Technological Maturity	Commercialised/mature
Site Location	Supplier to specify
Form Factor	Supplier to specify
Container Dimensions/Size	Self-Contained/Containerized/Supplier to Specify
Key Features	• Thermal Management • Battery Management System • Energy Management System • Fire Detection and Suppression
Applications/Use Cases	• Load shifting • Energy Arbitrage • Peak Shaving • Solar PV Integration

A photograph of a modern building facade with a teal overlay. The building features a mix of materials, including light-colored concrete or plaster and dark, horizontal slatted panels. A large window with a white frame and a decorative geometric pattern is visible on the right. The sky is a clear, deep blue. A teal rectangular box is positioned in the center-left of the image, containing white text.

PRICING DATA (Part C2 in NEC3 ECC)

PRICING SCHEDULE – BASED ON DESIGN & BUILD SCOPE

Item No.	Programme Reference	Activity description	Price
1.		Design and Approvals	
1.1.		ECSA Stage 1 and 2 – Inception Report and Concept and Viability report submitted and approved by ACSA	
1.2		ECSA Stage 3 – Design Development report submitted and approved by ACSA	
1.3		ECSA Stage 4 – Design Documentation and Procurement	
1.4		ECSA Stage 5 – Works/Construction	
1.5		ECSA Stage 6 – Handover and Close-Out	
1.6		Disbursements	
		Subtotal 1	
2.		George Airport	
2.1.		Preliminaries and General	
2.2.		Power Conversion System: Hybrid Inverters	
2.3.		Li-ion Battery Storage	
2.4		Solar Plant 11% Capacity Augmentation	
2.5.		Cabling	
2.6.		Consumables	
2.7.		Installation	
		TOTAL (1+2)	
		Add 20% Contingencies	
		CONTRACT SUM BEFORE VAT	
		VAT at 15%	
		CONTRACT VALUE INCLUSIVE OF VAT	
Total of prices to be carried over to C1.1 Form of Offer and Acceptance			

**PRICING SCHEDULE – BASED ON MAINTENANCE
CONTRACT (3-YEAR CONTRACT) NEC3 TSC**

PRICING SCHEDULE – BASED ON MAINTENANCE CONTRACT

1. Part A: Contract Overheads

PART A: Contract Overheads				
Description	(a)	(b)	Unit of measure	(c) = (a) x (b)
	No. of units	Price Per Unit		Price per year
Contract Management and Administration (Including all required reporting such as monthly reports, analysis reports, audit reports, spares inventory management reports, etc.)	1		Each	R -
Office Leasing (overheads, office utilities) - on the airport. Provisional sum. Claimed on proven cost.	12	R7 500.00	Each	R 90 000.00
On-demand Remote Support/Hotline services for maintenance, fault troubleshooting and resolution.	1		Each	R -
Access and Permits Requirements. Provisional sum. Claimed on proven cost.	1	R30 000.00	Each	R 30 000.00
Other 1 (Specify)			Each	R -
Other 2 (Specify)				R -
Other 3 (Specify)				R -

Sub Total A - Overheads	R -
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PRICING SCHEDULE – BASED ON MAINTENANCE CONTRACT

PART B : Preventative Maintenance						
Machine/Component/System Name & Type	Machine/Component Model	(a) = Rate	(b) = Number of Services Annually	(c) = QTY	(d) = a x b	(e) = c x d
1. Battery Maintenance		R -			R -	R -
2. Fire Safety Management		R -			R -	R -
3. Thermal Management		R -			R -	R -
4. Dynamic / Distributed Monitoring & Control (DMC) or SCADA or Monitoring plant and control platform		R -			R -	R -
5. Software Upgrades		R -			R -	R -
6. Ingress and dust control		R -			R -	R -
7. Sensor cleaning		R -			R -	R -
8. Configuration and calibration checks		R -			R -	R -
9. Solar plant Inverters		R -			R -	R -
10. Solar plant Software and controls		R -			R -	R -
	Other 1 (Specify)	R -			R -	R -
	Other 2 (Specify)				R -	R -
	Other 3 (Specify)				R -	R -
	Other 4 (Specify)	R -			R -	R -
Total Equipment						R -
Sub Total B - Preventative Maintenance						

3. Part C: Callouts and Labour rates and Mark-up

i) Activity Schedule – Labour rates and Mark-up - Breakdowns

Any work not included under part B shall be deemed additional work or non-scheduled items and will be charged at the following rates:

i) LABOUR RATES: *(to be filled in)*

Item	Title of Resource e.g. Technician	Normal hours(R/hour)	After hours (R/hour)	
			Saturday	Sunday/public holiday
1.				
2.				
3.				
4.				
5.				

*All rates to exclude vat. Subject to mutual agreement between ACSA and the Contractor, the number of staff allocated to the contract may be increased/decreased to cater for special needs that may arise from time to time.

Labour rates shall include all personnel insurance, holidays with pay, incentive bonuses.

Note: No labour shall be charged for travel or travelling. Labour time shall be calculated for the time spent on site. Call out rate must include all required travelling and the **first hour on site**.

PRICING SCHEDULE – BASED ON MAINTENANCE CONTRACT

Battery Energy Storage Facility Callouts (Includes travelling, travelling time & first hour on site)					
Service Description	Specify Professional (i.e Engineer, Technician or Electrician)	(a)	Unit of Measure	(b)	(c) = (a) x (b)
		Number of Callouts per year		Unit Price	Price per Year Excluding VAT
Call out Fee			Each	R	R
Call out Fee			Each	R	R
Call out Fee			Each	R	R
Sub Total C – Callouts					R

PRICING SCHEDULE – BASED ON MAINTENANCE CONTRACT

PART D: SPARE PARTS								
Spare Part Description	Spare Part Number	(a)	(b)	(c)	(d) = (a) x (c)	(e)	(f) = (d) x (e)	(g) = (d) + (f)
		Recommended No. of units	Unit of Measure	Price / Unit	Total Excl VAT	Mark-up Percentage	Markup Value Excl VAT	Total Excl VAT
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
			Each		R		R	R
Sub Total D - Spares								R

PRICING SCHEDULE – BASED ON MAINTENANCE CONTRACT

Part E: Total Maintenance Contract value for a Period of 36 months, including annual CPI price adjustments (As per Stats SA)

Summary							
Item No.	Description	Year 1	Year 2	Year 3	Year 4	Year 5	Total
			Escalation Percentage at 6%				
1	Sub Total A - Overheads						
2	Sub Total B - Preventative Maintenance	R -	R -	R -	R -	R -	R -
3	Sub Total C - Callouts	R -	R -	R -	R -	R -	R -
4	Sub Total D - Spares	R -	R -	R -	R -	R -	R -
5	Provisional Sums	R 50 000,00	R 50 000,00	R 50 000,00	R 50 000,00	R 50 000,00	R 250 000,00
	Total Year 1 (Y1)						
	Total E - Total Maintenance Cost for Five (5) Years to be Carried to the Form of Offer						

A photograph of a modern building facade with a teal overlay. The building features a mix of materials, including light-colored concrete and dark, horizontal-slatted panels. A large window with a white frame and a diamond-shaped metal grille is visible on the right. The sky is a clear, deep blue. A teal rectangular box is positioned in the center-left of the image, containing the text 'SITE INFORMATION (C4)'.

SITE INFORMATION (C4)

The site of the works is George Airport. The works will be conducted on airside and landside.



ENQUIRIES AND CLARIFICATION: To be directed to kamaal.allom@airports.co.za

TENDER SUBMISSION: HARD COPY TO BE SUBMITTED TO:

CIA RFP 8018-2025

**Cape Town International Airport,
Southern Office Block Building,
Ground Floor,
Reception Area,
Supply Chain offices**

PLEASE ENSURE THAT THE CORRECT BID SUBMISSION REGISTER IS COMPLETED!!!

➤ BID SUBMISSION METHODS

- The documents must be signed and completed by a person who has been given authority to act on behalf of the bidder;
- The bottom of each page of the bid documents must be signed/initialled or stamped with the bidder's stamp as proof that the bidder has read the entire bid document

➤ **Please note: No late bids shall be accepted after the closing time**

The background of the slide is a dense, overlapping field of three-dimensional question marks. These symbols are rendered in various shades of blue, from light sky blue to deep navy blue, creating a sense of depth and texture. They are scattered across the entire frame, with some appearing larger and more prominent than others.

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'. Below the header is a table with columns for Flight, Destination, Time, Gate, Status, and New Time. The table lists various flights to destinations like Seychelles, Harare, Lesotho, Maseru, Gaborone, Manzini, Ndola, Lusaka, Luanda, Hong Kong, Nairobi, and Istanbul. Some flights are marked as 'Closed' or 'Final Call'. A large, semi-transparent 'THANK YOU' text is overlaid on the right side of the board.

Flight	Destination	Time	Gate	Status	New Time
HM060	Seychelles	13:50	A11	Closed	
SA028	Harare	14:55	A01	Final Call	
SA060	Lesotho	15:00	A05	Gate	
SA0062	Maseru	15:00	A19	Closed	
BP206	Gaborone	15:00	A15		
SA1775	Gaborone	15:45	A35		
FM0336	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	A23		
DT578	Luanda	16:35	A07-08		
SA206	Hong Kong	16:50	A05		
SA0450	Gaborone	17:00	A10		