

CLARIFICATION QUESTION AND ANSWERS

TENDER DESCRIPTION: 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

Tender Number: RA-8018-2025

Date: 27th August 2026

No.	Questions:	Answers/ Amendments:
1.	Do you have SLD of the current electrical network available?	Yes  INTEGRATED SOLAR NETWORK DIAGRAM-
2.	Do you have as-built drawings for the solar plant available?	See the drawing attached.
3.	Can you kindly provide details of the generator on site (make and model), as well as the ATS?	• Generator No 1 • Full Synchronization on common bus bar • Genset Controller unit – DEEP SEA DSE 8610 MKII • Serial Number on the generator – 81Z09888 • Make of the generator – Caterpillar 3412 • Make of the alternator – Caterpillar – SR4 – 500KVA • Serial number on the alternator – 5NA 06972 Year of manufacture – 1990 • Fuel type – Diesel • Generator No 2 • Full Synchronization on common bus bar • Genset Controller Unit – DEEP SEA DSE 8610 MKII • Serial Number on the generator – 81Z09438 • Make of the generator – Caterpillar 3412 • Make of the alternator – Caterpillar – SR4 – 500KVA • Serial number on the alternator – 5NA 06861 • Year of manufacture – 1990

No.	Questions:	Answers/ Amendments:
		- Fuel type – Diesel - Control Panel (Synchronizing Controller) - DEEP SEA CONTROLLER – DSE 8660
4.	Kindly advise on item 2.2.2(d) “Contractor will guarantee annual BESS savings...” We would need to know the critical loads, back-up time, 12-month consumption data, max demand, etc. in order to determine savings.	The successful bidder will need to conduct an assessment and economic modelling of the BESS as part of the stage 1 to stage 3.
5.	Kindly advise on the response time required. Technical Specifications call for 2 years full warranty + response in 3 days. However, the maintenance contract mentions 24 hour response time + 2 hour closure duration.	2 years warranty is part of the NEC2 ECC contract and maintenance is dealt using the NEC3 TSC.
6.	Kindly advise on the forex exchange rate risk applicable to the tender and how it will be handled. Will prices be linked to a rate of exchange?	The bidder price to include provision for forward cover
7.	For the maintenance contract, can you kindly advise on the time it takes to receive permits, and the costs involved?	Police clearance is managed by SAPS. If only successful in the maintenance contract bid, you will have enough time to arrange for airside permits while the base work is being executed. Should you be successful in both, the permits will be arranged for while the landside portion of the work is being executed.
8.	On the technical specifications, page 6, 1.4(a), can you kindly advise (if not clarified by the electrical schematics) what is to be upgraded?	Inverters are to be upgraded to hybrid inverters.

No.	Questions:	Answers/ Amendments:
		Solar panel will need to be assessed for their performance and physical conditions, and they will be replaced/upgraded accordingly to achieve the 11% or more augmentation requirement.
9.	On the technical specifications, page 6, 1.4(b), can you kindly advise on details of the existing Eskom system and what upgrades might be required?	Integration will be on the ACSA MV reticulation network and not on Eskom or municipal side.
10.	On the technical specifications, page 8, 2.15, can you kindly elaborate on this item?	This requirement means the supplier/designer must provide engineering evidence that the BESS will not create an unacceptable fire or explosion hazard and that the proposed protection measures are adequate.
11.	To meet the following project objectives: 1. Integrating the BESS with the Solar PV Plant 2. Reduce Opex 3. Lower emissions 4. Enable smart grid adoption Please request your team to share the following documents with us: 1. The Feasibility study that was performed on the George site 2. Manual for Working Airside – Volume 5	1. The feasibility study will need to be performed as part of the ECSA stages 1 to 3. 2. The Manual for Working on Airside shall be shared with upon award.
12.	I understand that ACSA's RA8018 BESS specification requires fire detection, thermal-runaway detection/mitigation, and fire suppression where applicable. FirePro has specific Li-ion application experience and certified condensed-aerosol technology. I would like to discuss supporting your BESS bid with the fire-suppression portion of the design.	Fire Detection, thermal runway detection/mitigation, and fire suppression will be part of the bidder's proposal and solution offering.

IMPORTANT: Tenderers are required to acknowledge this Q&A in their tender submission in the table for RECORD OF ADDENDA TO TENDER DOCUMENTS

BIDDER'S ACKNOWLEDGEMENT

I/We accept that Clarification Question & Answers will form part of the Tender Documents and subsequent Contract. I/We confirm that I/we

(a) have noted the contents of this Q&A.

(b) have fully considered this Q&A; and

(c) have incorporated the amendments, omissions, additions and/or amplifications contained in this Q&A in my / our submission for the Tenders relating to Tender no: **RA 8018-2025**

I, the undersigned, warrant that I am duly authorised to do so on behalf of the enterprise and confirm that the contents of this schedule are, to my personal knowledge and best belief, both true and correct.

Date

Signed

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Name

Position

.....

Tenderer
Name &
Telephone
Number

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