



15 November 2023

**ST STITHIANS COLLEGE
REQUEST FOR EXPRESSION OF INTEREST
CAPTIVE HYBRID SOLAR PV AND ENERGY STORAGE GENERATION FACILITY**

St Stithians College ("the College") is a Campus with 5 onsite schools located in Sandton, Johannesburg.

The College intends to procure the development of a private captive PV solar and energy storage generation facility on its premises located at 40 Peter Place, Lyme Park, Sandton, Gauteng, as part of its initiative to support green energy and secure more cost-effective and reliable sources of power.

The College is seeking expressions of interest from independent power producers ("IPPs") for the development, financing, construction, operation, and maintenance of a hybrid power generation facility. The energy produced from the generation facility will be purchased by the College through the conclusion of a long-term power purchase agreement. The target commercial operation date is December 2024.

The indicative contracted capacity of the generation facility will be 1.9MWp, which shall include a suitable high-grade battery storage technology sized for 1MWh of capacity to form an independent grid for the College. It is expected that the battery storage will have the potential to act as a backup device for the College when required during load shedding making use of smart communication technologies to determine critical load center requirements within the College, and to also assist with load and maximum demand reduction in the peak periods. It is further expected that the battery storage system should be scalable to allow for future additional storage capacity. The plant shall also integrate with the existing standby diesel generators installed at the college as part of the independent grid to be established.

The selected IPP will also be required to design and construct all the interconnection-related works to allow for utilization of the energy produced throughout the College. The current grid connection point and infrastructure will need to be finalized and agreed upon with City Power (the current network service provider) to provide the connection requirements to allow the College to suitably utilize the power provided by the generation facility.

The following tables (1 – 4) should be utilized as a guide as to what information should be provided as part of this Expression of Interest. Please refer to the following tables:



1) Company Information

No.	Information Required	Submission Format
1	Company Profile	Max 5 pages (PDF)
2	Total number of staff / Specialists to be dedicated to this project	Organogram
3	Project Leader's Information	CVs and proof of professional registration
4	BBEEE Certification	Copy of a valid certificate or Affidavit
5	Relationship with the College	Details and Copy of the relationship
6	Geographic representation in South Africa	Copy of Proof of Address

2) Track Record:

No.	Information Required	Submission Format
1	Is the company registered as an IPP	Proof of registration with the Department of Mineral Resources & Energy
2	List of completed projects where your company was an IPP (Projects of 2MWp and Bigger)	Max of 5 Projects in South Africa
3	List of completed projects where your company was an IPP (Projects with BESS)	Max of 5 Projects in South Africa
4	List of completed projects where your company was an IPP (Hybrid Model Projects - PV + BESS + Diesel Generators)	Max of 5 Projects in South Africa

3) Project Team:

Whilst the College does not expect the IPP to have finalized its project team for this project, the College would like to get an indication of the proposed project team that the IPP is considering for this project:

No.	Information Required	Submission Format
1	Intended / Proposed EPC Contractor (s)	Company Profile & Letter expressing intent/interest
2	Intended / Proposed O&M Contractor (s)	Company Profile & Letter expressing intent/interest
3	Intended / Proposed Major Suppliers	Company Profiles / Brochures & Geographical Location

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The procurement process to be followed by the College will comprise the following stages:

- 1) Request for EOI,
- 2) Request for Proposals,

The College will shortlist respondents to this Expression of Interest and only issue a more comprehensive Request for Proposal to the shortlisted respondents.

If you are interested in responding to this Expression of Interest, please submit the requirements of 1 – 4 tables by sending the relevant information via email to Louise Henning, procurement@stithian.com

For any technical queries, please refer them to PVPlant@stithian.com

On the **24th November 2023 from 11h00 – 12h30**, the College will convene a Non-Compulsory Project Briefing Session (Questions and Answers) at Henning Block Lecture Theatre at Boys College.

Closing Date: **6th December 2023, 12:00 (Midday)**