

Tender Ref No: JTC25T0143



10 February 2026

To: All Applicants

CORRIGENDUM NO. 2

JTC DECARBONISATION LIVING LAB INNOVATION CALL 2026 (DECAL2.0)

Challenge Statement – Low Carbon Solutions - Decarbonizing Backup Power: Innovative Solutions to Eliminate Diesel Generator

Please take note of the following amendments/clarifications to the above Innovation Call, which shall form part of the original Innovation Call document issued.

1. NEW TENDER DOCUMENT

(a) “Corr 2 CS2_KB-1 SLD”

Please refer to below link for the documents.

<https://www.ipi-singapore.org/jtc/1089/problem-statement/low-carbon-solutions-decarbonising-backup-power-innovative-solutions-to-eliminate-diesel-generator-use-in-critical-services.html>

(b) “Corri 2 CS2_KB-1 Level 2 Floor Plan”

Please refer to below link for the documents.

<https://www.ipi-singapore.org/jtc/1089/problem-statement/low-carbon-solutions-decarbonising-backup-power-innovative-solutions-to-eliminate-diesel-generator-use-in-critical-services.html>

2. CLARIFICATIONS

Please take note of the clarification shown in Annex A which are made in response to the queries received.

3. CLOSING DATE

This Innovation Call Closing Date remains unchanged (i.e. 9 March 2026, not later than 4.00pm).

Your faithfully,
Md Rusydi (Mr.)
Sr Contracts Manager
Contracts and Procurement (Corporate) Division
(This is an electronic document. No signature is required.)

Annex A

General Admin	
Q1	Can a newly set up company to apply for the challenge?
A1	Yes, a newly set-up company in Singapore may apply for the DECAL2.0, provided that it meets the eligibility criteria and submission requirements as stated in the document "02_Information_DECAL2.0.pdf"
Q2	Can the solution provider subcontract the works to a local applicator, with the contractor assuming responsibility for all labour and regulatory compliance?
A2	<p>Yes, this will be acceptable, subject to the following conditions:</p> <ul style="list-style-type: none"> • The solution provider shall remain fully responsible and accountable to JTC for the overall delivery, performance, safety, quality, and compliance of the proposed works. • All subcontractors and local applicators must comply with Singapore's applicable labour, workplace safety, and regulatory requirements. <p>Any subcontracting arrangement shall not relieve the solution provider of its contractual obligations, including those relating to supervision, compliance, risk, and liabilities, as outlined in the document "03a_Specimen Agreement_DECAL2.0.pdf".</p>
Q3	Following successful demonstration of the awarded project, is a joint venture with JTC envisaged for rollout to other parties?
A3	<p>No joint venture with JTC is envisaged under the DECAL2.0.</p> <p>If the project is successful demonstrated, subsequent commercialisation, scaleup, or deployment with other parties will be taken up separately. Participation in the DECAL2.0 does not create any obligation on JTC to enter into a joint venture, partnership, or exclusive arrangement with the awarded party.</p>
Q4	Are companies that did not attend the briefing session eligible to participate in the innovation call and submit a proposal?
A4	Proposal submissions are still permitted for companies that did not attend the briefing session.

Challenge Statement 2	
Q1	Please provide the latest Single Line Diagram (SLD) of the building(s).
A1	Please refer to link below for Document 'Corr2 CS2_KB-1 SLD.zip'. https://www.ipi-singapore.org/jtc/1089/problem-statement/low-carbon-solutions-decarbonising-backup-power-innovative-solutions-to-eliminate-diesel-generator-use-in-critical-services.html
Q2	Please provide the floor plans or site layout, including dimensions, as discussed during the site visit.
A2	Please refer to link below for Document 'Corri 2 CS2_KB-1 Level 2 Floor Plan.pdf'. https://www.ipi-singapore.org/jtc/1089/problem-statement/low-carbon-solutions-decarbonising-backup-power-innovative-solutions-to-eliminate-diesel-generator-use-in-critical-services.html
Q3	Please provide the list of major loads, particularly those that are critical for emergency backup (including any flexible or non-critical loads, if applicable)
A3	Please refer to Document 'Corr 2_KB-1 SLD.zip' for critical services supported by the generators.
Q4	Details of any existing or planned renewable installations at the site (installed/nominal capacity and commissioning timeline, if available)
A4	There may be plans for solar panel installation on the roof of KB-1 in the future. The project is still in the planning stage, and no further details are available at this time.
Q5	Is there a specified backup power duration requirement, or should applicants propose an appropriate duration based on site needs?
A5	KB-1 is equipped with a 320 kW diesel generator to provide backup power to critical systems. The generator is designed to sustain these systems for approximately 4 to 8 hours, depending on actual load demand and available fuel capacity. Applicants should minimally maintain the current backup power standards.
Q6	Is overhead cable installation across roads to connect to the BESS site allowed?
A6	Overhead cable installation and underground cable installation across roads is allowed. However do note that all works shall comply with local authority regulations requirements.