



19 June 2024
 To: All Applicants

JTC DECARBONISATION LIVING LAB @ JID INNOVATION CALL (DECAL)

- 1 You are cordially invited to participate in the above Innovation Call.
- 2 The DECAL is looking to solicit innovative deployment ideas (or projects) on resources optimisation to enhance the JID communities’ sustainability performance and competitiveness by improving resource efficiency (e.g. energy/water usage, reduce waste output and explore low carbon technologies) with the aim of decreasing the carbon footprint of JID as a whole, or leading to quantifiable resource gains.
- 3 JTC and the bigger JID community has the intention to subsequently deploy these co-developed solutions into our estates and projects, pushing the adoption into the industry.
- 4 JTC is leveraging on its industrial infrastructures and manufacturing ecosystem of R&D centres, technology partners, training providers and Factories of the Future at the Jurong Innovation District (JID) to provide companies with opportunities for product development, test-bedding, pilot and commercial trial projects. Testbed innovative decarbonisation solutions.

APPLICATION DETAILS

- 5 Applicants are invited to submit proposals in following two categories:
 - (i) **Industry Category** – responses to the **five (5) Challenge Statements** as shown below:

S/N	Challenge Statement	JTC’s Reference No.
1	Improving Thermal Comfort and Energy Efficiency at Clean Tech One	JTC24T0050
2	Data-led Mixed Use Waste Handling	JTC24T0051
3	Real Time Monitoring and Analytic System of In-Building Water Distribution	JTC24T0052
4	Improving Outdoor Thermal Comfort at Jurong Innovation District (JID)	JTC24T0053
5	Carbon Neutral Horticultural Processes	JTC24T0054

- (ii) **Open Category** – response to the three (3) **Challenge Themes** as shown below by partnering and collaborate with companies/businesses within JID to allow product development, pilot trial and test bedding

Challenge Themes	JTC’s Reference No.
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(a) Energy Efficient Buildings	Include but are not limited to: i. Software based solutions (e.g. energy management solutions) ii. Hardware based solutions (e.g. adoption of new-to-market equipment)	JTC24T0055
(b) Zero Waste Industries	Include but are not limited to: i. Innovative solutions to reduce waste generated ii. Innovative ways to recycle or upcycle waste	JTC24T0056
(c) Sustainable Water Usage	Include but are not limited to: i. Innovative solutions to reduce water waste ii. Innovative ways to recycle water	JTC24T0057

- 6 Interested applicants may access the recorded briefings through the link below.
decal-jid.innovation-challenge.sg
- 7 The scope and nature of this Innovation Challenge are specified in the Information and the respective Challenge Statements' documents via link in para 6.
- 8 The deadline for submission shall be on **20 Sept 2024 at 16:00 (Singapore time, GMT+8) ("Closing Time")**. **Format of submission should strictly adhere to the guidelines provided.**

Submission Procedures:

Step 1: Visit JTC Innovation Challenge via link in para 6, to understand the requirements of the respective Challenge Statements.

Step 2: Submit your proposal in the format of the proposal template (Powerpoint & Word document) via the link in para 6 together with all supporting documents, and labelling your folder as: "**[Proposed Title] by [Company Name]**". The proposal submitted must clearly state how it addresses the requirements of the Challenge Statement.
You are not required to submit the proposal electronically via GeBIZ.

Step 3: Selected proposals will be notified by JTC via email within six (6) months from the Closing Date of the respective Challenge Statement.

- 9 Applicants shall conform to the requirements of the Challenge Statement/Theme and, adhere to the instructions and eligibility criteria.
- 10 Applicants are **strongly advised** to check JTC **Decarbonisation Living Lab @ JID Innovation Call (DECAL)** site via the link in para 6 for any Corrigendum / Addendum which are issued prior to the Closing Date and Time. Acknowledgement of receipt by companies is not required as any published Corrigendum / Addendum is deemed to form part of the Innovation Call.
- 11 For clarifications, please submit them through the form.gov.sg link in the JTC **Decarbonisation Living Lab @ JID Innovation Call (DECAL)** site in para 6 at least ten (10) working days before the Closing Date by which all submissions are to be received by JTC, failing which JTC shall have the discretion to disregard all such queries. JTC shall reply in five (5) working days.

Yours faithfully,

Corporate Procurement Department 2
Contracts and Procurement Division

(This is an electronic document. No signature is required.)

[OBJ]

Submission Guidelines (submit via the Innovation Partner for Impact (IPI) website Innovation Marketplace only)

Applicants shall submit their Proposal(s) in accordance with the line response below.

Applicants' Proposals submitted after the Closing Date and Time or Proposals which are not submitted via IPI website will not be accepted. Proposals forwarded by post, facsimile or telex are not acceptable and will be rejected.

Softcopy submission of Proposals (including supporting documents) via IPI website are to adhere **strictly** to the following submission guidelines.

With reference to the table below, all files are to be named in this manner:

- **Company Initials_Item Code** E.g. ABC_04_Project Proposal
- You are required to submit **Item Code 03B to 06, and OD** if applicable.

For submission of any other documents that do not fall under Item Code 04 to 06, place them under Item Code OD. For Item Code OD, please include a content page if information is substantial.

Item	Item Code	Submission Mode	
		IPI website	Tender Box
Tenderer's Proposal supported by the following documents (i) to (iii) to be labelled as follows:			
(i) Undertaking_PWM provision	03b_Udtk_PWM provision	✓	
(ii) Project Proposal	04_Project Proposal	✓	
(iii) Project Budget	05_Project Budget	✓	
(iv) Quad chart	06_Quadchart	✓	
(v) Declaration on Financial Solvency	07a_DSOLV	✓	
(vi) Declaration On Progressive Wage Mark Eligibility	07b_DPWM	✓	
Any other documents as otherwise indicated	OD	✓	
The complete set of documents uploaded into Decarbonisation Living Lab @ JID Innovation Call (DECAL) site in para 6 comprises of documents with Item Code starting with 03b to 07b.			