



27 May 2022

To: All Applicants

JTC INNOVATION CHALLENGE 2022

- 1 You are cordially invited to participate in the above Innovation Challenge.

OVERVIEW OF JTC INNOVATION CHALLENGE 2022

- 2 JTC Innovation Challenge 2022 is looking for innovative solutions that address operational challenges in the built environment, with the following desired outcomes:
- (i) reducing life cycle cost of the ownership of building & infrastructure;
 - (ii) improving manpower productivity, reducing reliance on manual labour; and
 - (iii) reducing carbon impact, improving resilience to shocks to our supply chain.

JTC intends to subsequently deploy the successfully co-developed solutions into our estates and projects and drive their adoption by the industry.

- 3 Applicants are invited to submit proposals for the four (4) Challenge Statements for this launch. Details on submission period of each phase are as shown below :

S/N	Challenge Statement	Submission Period	JTC's Reference No.
1	Solution for productive construction & building defects detection	27 May 2022 to 8 July 2022, (Closing Date/Time: 8 July 2022, 1600H)	JTC22T0031
2	Chiller selection tool during the design stage		JTC22T0032
3	Real time automated optimisation of air-conditioning system		JTC22T0033
4	Automated Scan to BIM of existing buildings (Building and MEP Components)		JTC22T0034

- 4 Interested applicants may access the recorded briefings through the site below.

[JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)

- 5 The scope and nature of this Innovation Challenge are specified in the Information and the respective Challenge Statements' documents via the JTC Innovation Challenge site ([JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)).

APPLICATION DETAILS

- 6 Please refer to the respective Challenge Statements for the launch and closing dates at the JTC Innovation Challenge site ([JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)). The submission Closing Date shall be 8 July 2022 at 16:00 (Singapore time, GMT+8) ("Closing Time"). All submissions should strictly adhere to the format of submission under the guidelines provided.

Submission Procedures:

Step 1: Visit JTC Innovation Challenge site ([JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)), 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 JTC Innovation Challenge site ([JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)) 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.

- 7 Applicants shall conform to the requirements of the Challenge Statement and, adhere to the instructions and eligibility criteria.
- 8 Applicants are **strongly advised** to check the JTC Innovation Challenge site ([JTC22.innovation-challenge.sg](https://jtc22.innovation-challenge.sg)) 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 Challenge.

- 9 For requests for clarifications, please submit them through the link below, at least fourteen (14) calendar 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 will strive to reply them within seven (7) calendar days.

<https://form.gov.sg/628331582177ad0012451fd9>

Yours faithfully,

Corporate Procurement Department 2
Contracts and Procurement Division

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

Submission Guidelines (submit via the JTC Innovation Challenge site 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 JTC Innovation Challenge site 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 JTC Innovation Challenge site 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 04 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 (Electronic)
		[JTC22.innovation-challenge.sg]
Tenderer's Proposal supported by the following documents (i) to (iii) to be labelled as follows:		
(i) Project Proposal	04_Project Proposal	√
(ii) Quad chart	05_Quadchart	√
(iii) Declaration on Financial Solvency	06_DSOLV	√
Any other documents as otherwise indicated	OD	√
The complete set of documents uploaded into JTC Innovation Challenge site [JTC22.innovation-challenge.sg] comprises of documents with Item Code starting with 01 to 06.		