

JTC INNOVATION CHALLENGE 2022

1. INFORMATION

1.1. OBJECTIVE

To identify innovative research and development relevant to the built environment (refer to the respective Challenge Statements); and to provide funding in accordance with the terms of a Project Agreement for suitable projects.

1.2. FUNDING

The requested funding from JTC shall not exceed S\$250,000. This covers manpower, equipment, consumables, and project related expenses. Significant expenses should be justified with supporting documentation e.g. quotes.

1.3. DURATION

The project duration shall not exceed twelve (12) months.

1.4. SELECTION PROCESS

A two-step process will be used for selection of proposals:

- i) Applicants' Proposals will be shortlisted if it is implementable and on the impact of the outcome of proposed project, if successful; and
- ii) Shortlisted Proposals will undergo detailed assessment with the following assessment criteria: **60% quality** of Proposal (scope of work, operational feasibility, disruption to operations, experiences and skills, cost benefit analysis, commercialisation and implementation plans); and **40% price** (reasonableness of project cost and value for money, co-funding and contribution in-kind).

1.5. TARGET AUDIENCE

Entities including start-ups, multinationals corporation (MNCs), large local enterprises (LLEs) and small and medium-sized enterprises (SMEs) with capability to eventually support deployment in JTC projects/properties and commercialisation of developed solution are encouraged to apply.

1.6. PUBLIC AGENCY COLLABORATORS

JTC will invite relevant public agencies as Public Agency Collaborators to the project if the proposal is supported. This is to:

- i) facilitate regulatory acceptance; and
- ii) steer development to better meet end-user requirements. JTC will insert JTC Principal Investigators (PI) and the Public Agency Collaborator into Schedule 1 of the Project Agreement.

1.7. AWARDING OF PROJECTS

For each Challenge Statement, JTC has the sole discretion to

- (i) award to more than one Applicant; or
- (ii) not award to any proposals received; or
- (iii) in the case of a tie in the Price-Quality score, choose the proposal that is the most advantageous to JTC.

All awarded projects will be published on JTC's corporate website as well as at the Government Electronic Business Centre (GeBIZ).

Successful Applicants are required to hold a valid account with GeBIZ. Those which do not hold a valid registration are advised to apply for the registration at the earliest possible opportunity.

1.8. NON-NEGOTIABLE TERMS

Awarded projects are subjected to the terms in the Project Agreement (refer to the specimen Project Agreement provided). The terms in the Project Agreement are non-negotiable.

1.9 INTENTION TO FUTHER DEVELOP AND COMMERCIALISE

JTC reserves the rights to further develop, scale-up and implement at subsequent stages as set out in the Project Agreement.

2. INSTRUCTIONS

2.1 ELECTRONIC SUBMISSIONS

Proposals shall be submitted to (JTC22.innovation-challenge.sg) by **16:00 (Singapore time, GMT+8)** of the Closing Date stipulated in the respective Challenge Statements or any extended date notified through Addendum/Corrigendum. All proposals shall be in accordance with the proposal templates provided, failing which JTC reserves the right to disregard the submission.

2.2 CLARIFICATIONS

Requests for clarifications (if any) shall be submitted to in writing via the form (<https://form.gov.sg/628331582177ad0012451fd9>) found in the JTC Innovation Challenge site, stating the issue requiring clarification, at least fourteen (14) calendar days before the Closing Date or any extended date ("Clarification Deadline"). JTC will strive to reply to them within seven (7) calendar days. JTC shall have the discretion to disregard all requests for clarifications received after the Clarification Deadline.

2.3 RESPONDING TO JTC

Upon the Closing Date, if JTC identifies discrepancies or has doubts about any part of the Applicant's Proposal, JTC will seek clarification in writing. Applicants' responses should be received within seven (7) calendar days, failing which JTC shall have the discretion to disregard the Proposal.

2.4 PRESENTATION

Shortlisted Applicants shall be required to present to the evaluating panel at a date and time ("Presentation Date") arranged by JTC. Each team will be given at least seven (7) calendar days before the Presentation Date to prepare and each presentation should not exceed 15 minutes.

3. ELIGIBILITY

3.1 DEBARMENT STATUS

Applicants who are debarred from participating in public sector tenders are not eligible to participate in JTC Innovation Challenge. Where an Applicant is:

- i) debarred on or after the Closing Date, the Applicant's Proposal shall be precluded for further evaluation;
- ii) debarred during the term of the Project Agreement, the Project Agreement shall be terminated.

If a proposal is submitted without explicitly mentioning that the Applicant is liable for debarment by the Standing Committee on Debarment (SCOD), JTC shall treat the submission as an express continuing declaration by the Applicant that the Applicant is in fact eligible to participate in this Innovation Challenge and, if such a declaration is discovered to be false, JTC will be entitled to, at any time, to reject the Applicant's Proposal or rescind/terminate any contracts entered without JTC being liable therefor in damages or compensation.

3.2 COMPLIANCE TO INSTRUCTIONS

Any proposal not submitted according to the instructions contained and in the form(s) prescribed in JTC Innovation Challenge, or which attempts to vary any provision of or which fails to fully comply with this Innovation Challenge, is liable to be rejected.

3.3 FUNDING AND DURATION

Proposal requests exceeding S\$250,000 and/or with project duration longer than 12 months shall be rejected.

3.4 NO DOUBLE FUNDING

Applicants must declare in the proposal submission that:

- i) they have not received funding from other public agency for the same scope of work; or
- ii) applied to other public agency funding using the same proposal. If any Applicant is found to have been funded or seeking funding from other public agency, its proposal will be rejected.

3.5 COMPANY FINANCIAL SOLVENCY DECLARATION

Applicants are required to submit a declaration of financial solvency as part of the proposal submission. This is **compulsory**.

4. FREQUENTLY ASKED QUESTIONS

<i>Pre-submission</i>
Q1: I am from academia, and am hoping to use my earlier research outcomes to develop into a product/solution that can be used in the built environment. Can I apply?
A1: Yes, you may apply. Ideally, you will collaborate with a partner from industry who may have suggestions on commercial applications of the solution.
Q2: Can I include overseas conference travel and research publication expenses in the budget?
A2: No. The budget should include only project costs, such as manpower, consumables, equipment, and transportation expenses.
Q3: Is there a list of qualifying cost that can be funded by this Innovation Challenge?
A3: JTC does not have a fixed list. The guidelines are that line items submitted must be clearly project-related, such as: manpower cost, equipment (additional modules), consumables, other operating costs (software licence, transporting prototype to site, etc). Do not include items that are not directly linked to the project, as it will affect the price-aspect of the evaluation.
Q4: Can foreign companies with GeBIZ registration submit proposal in consortium with locally registered company in Singapore.
A4: Foreign companies can apply, as long as: i) The company has a GeBIZ registration upon award, and subsequently ii) submit their electronic invoice through vendors@gov. JTC encourages the Applicants to have local presence as JTC's estates and development are in Singapore, to facilitate any demonstrations, and provide timely engineering support. Approved funding will be made to the applicant whose submission has been accepted by JTC. Applicant should have their own arrangement with their partners or associates.
Q5: Does the Applicant include cost of Public Agency Collaborator in the Total Requested Funding?
A5: Cost related to collaborating with public agencies will be borne respectively by the public agency as a contribution in-kind. It will be reflected in the contribution in-kind table by public agencies. Applicants shall list clearly the various parties which it is collaborating with in their proposals.
Q6: Is an extension of time allowed for these projects?

A6: This is subject to approval of JTC but such requests should be exceptions. Each project should not last more than 12 months.
Q7: Who will own the Intellectual Property (IP) generated from the project?
A7: As JTC will be contributing significant resources, this will jointly owned by JTC and the Collaborator and subject to the terms of the Project Agreement.
Q8: I am requesting more than S\$250,000 of funding, will my project still be considered?
A8: No. You must adjust the scope of work so that the funding requested does not exceed S\$250,000.
Q9: Can overheads from University/Research Institutes be part of the project cost?
A9: Yes.
Q10: My proposal was not supported even though I addressed all issues. I want to know why.
A10: There are, unfortunately, limited resources available so not all proposals can be supported. Besides technical merit and novelty, JTC assesses the potential impact of the project if it is successful and whether its commercialisation will give good value for money.
Q11: I intend to submit a proposal but would like to vary some of the terms in the Project Agreement. Is this possible?
A11: No. The terms in the Project Agreement apply to all applicants across the board. It would not be fair to change a term or terms for one applicant but not for another.

<i>Post Award</i>
Q12: Will I be paid if I cannot meet the timetable for the deliverables in the Project Agreement?
A12: JTC shall only be obliged to make payment (i) in accordance with the Payment Schedule in the Project Agreement and (ii) subject to JTC's satisfaction and acceptance of the completion of milestones and/or deliverables.
Q13: What is the next step if a solution is developed?
A13: JTC will assess whether steps should be taken to commercialise the product/solution. If commercialisation is to take place, steps will be taken in accordance with the terms of the Project Agreement.
Q14: My project team consists of members from different organisations. How will disbursement of funds take place?
A14: JTC will disburse payments pursuant to the Project Agreement only to the party that signed the Project Agreement and not to individual members of the team.