

TERMS OF PARTICIPATION IN JTC INNOVATION CHALLENGE

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 based on time-to-implement and 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). Applicant is defined as a person or his permitted assigns and successors submitting a proposal pursuant to a call for this Innovation Challenge.

1.5. TARGET AUDIENCE

Commercial entities with capability to eventually support deployment in construction 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 if JTC decides that none of the received proposals meets JTC's requirement or objectives; 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 GEBIZ.

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

1.8 DECLARATION ON PROGRESSIVE WAGE MARK ELIGIBILITY AND UNDERTAKING TO COMPLY WITH PROGRESSIVE WAGE MARK REQUIREMENTS

Applicants are required to make and include as part of their submission the declaration of its PW Mark eligibility status in the form set out in the "Declaration on Progressive Wage Mark Eligibility". Successful Applicants are required to sign the Undertaking to Comply with Progressive Wage Mark Requirements in the form set out in **Annex I**.

1.9 INTENTION TO FURTHER 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

Applicants who meet the specified criteria in and agree with this Terms of Participation shall submit their proposals (Applicant's Proposal") to the official JTC Innovation Challenge website: **jtc.innovation-challenge.sg** by Closing Date stipulated in the cover letter of this call for Innovation Challenge or any extended Closing Date notified through Addendum/Corrigendum. All proposals shall use the provided proposal templates, failing which JTC reserves the right to disregard the submission.

2.2 CLARIFICATIONS

Clarifications (if any) shall be submitted in writing using the form found in **jtc.innovation-challenge.sg** , stating the issue requiring clarification, at least fourteen (14) calendar days ("Clarification Deadline") before the Closing Date or any extended date. JTC shall reply in seven (7) calendar days. JTC shall have the discretion to disregard all clarifications received after the Clarification Deadline.

2.3 RESPONDING TO JTC

After 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 OF APPLICANTS

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. 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. Full compliance by the Applicant is **compulsory**.

3.3 COMPLIANCE TO INSTRUCTIONS

Any proposal not submitted according to the instructions contained and in the form(s) prescribed in this 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.

3.4 FUNDING AND DURATION

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

3.5 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.

3.6 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 submit <u>under</u> an industry partner who would eventually be able to supply the product/service on a commercially viable basis.
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 developments 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: My proposal was not supported even though I addressed all issues. I want to know why.
A9: There are limited resources and JTC considers technical merit, novelty, potential impact, and commercial value when assessing proposals.
Q10: I intend to submit a proposal but would like to vary some of the terms in the Project Agreement. Is this possible?
A10: 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>
Q11: Will I be paid if I cannot meet the timetable for the deliverables in the Project Agreement?
A11: 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.

Q12: What is the next step if a solution is developed?

A12: JTC will undertake a careful study to assess whether steps should be taken to commercialise the product/solution. If so, steps will be taken in accordance with the terms of the Project Agreement.

Q13: My project team consists of members from different organisations. How will disbursement of funds take place?

A13: 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.