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R&I Planning and Management Department  
Built Environment Research & Innovation Institute  
Tel: 6248 9988  
Fax: 6258 0588  
Email: TAN\_Tian\_Chong@bca.gov.sg

## **Circular to Professional Institutes / Associations**

Dear Sir / Madam,

### **GRANT CALLS FOR CITIES OF TOMORROW (CoT) R&D PROGRAMME**

#### **Background**

1. The Building and Construction Authority (BCA) and Housing & Development Board (HDB) have jointly launched the second series (batch 1) of grant calls for Vertical 2: Resilient Infrastructure under the Cities of Tomorrow R&D Programme, a multi-agency effort, led by the Ministry of National Development (MND) on 26 June 2019. The programme is funded under the National Research Foundation (NRF), as part of the Urban Solutions and Sustainability (USS) domain under Research, Innovation and Enterprise 2020 (RIE2020).

#### **Eligibility**

2. The grant calls are open to all Singapore-based Institute of Higher Learnings (IHLs), public sector agencies and not-for-profit research laboratories, as well as companies and company-affiliated research laboratories/institutions to submit proposals on solutions that meet the objectives of these grant calls.

3. The Lead Principal Investigator (PI) who leads the Research must be based in Singapore. Collaboration with foreign organisations and experts in the capacity of Co-Principal Investigator (Co-PI), or as Collaborator is allowed.

4. Grant applicants are strongly encouraged to collaborate with industry partners to develop innovative solutions that can address the call objectives and demonstrate strong potential for real-world application within Singapore.

### **Scope of Grant Calls**

5. The following are the grant call topics under the Resilient Infrastructure research thrust:

- Development of an Open & Generic, Cost-effective Wireless Remote Monitoring System for Structural Health of Building Elements
- Advanced Artificial Intelligence for HDB Estates

6. There will be a mandatory briefing for the topic on “Advanced Artificial Intelligence for HDB Estates”. Please refer to the documents uploaded in IGMS for more details.

### **Funding Support**

7. Singapore-based IHLs, public sector agencies and not-for-profit hospitals and research laboratories will qualify for up to 100% funding support of approved qualifying direct costs of a project. In addition, support for indirect costs, in the form of overheads, will be provided for Singapore-based IHLs and not-for-profit entities. The funding support for indirect costs is up to 20% of the total qualifying approved direct costs (less exceptional items).

8. Private sector companies and company-affiliated research laboratories or institutions will qualify for up to 70% of funding support of the approved direct qualifying costs of a project.

9. R&D proposals already funded by other government agencies will not be considered. PIs and supporting agencies will need to declare other funding sources as well as participation in other funding initiatives during application. Proposals with similar scope, which are currently under evaluation by other funding initiatives, will not be considered until the results from the other funding initiatives are finalised.

10. Funding awarded cannot be used to support overseas R&D activities. All funding awarded must be used to carry out the research activities in Singapore unless expressly approved by the grantor.

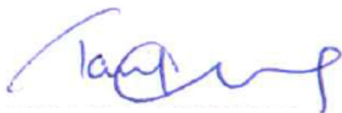
### **Application**

11. The full details of the grant calls and all related documents can be downloaded from the following IGMS website: <https://researchgrant.gov.sg/>

12. All proposals must be submitted through IGMS at <https://researchgrant.gov.sg/> by **4 September 2019, 2359 hrs**. Separate submissions outside of IGMS will not be considered. Late submissions or submissions from individual applicants without endorsement from the Host Institution will not be entertained.

13. For enquiries on the Grant Call, please email to **both** [cot\\_submission@mailbox.hdb.gov.sg](mailto:cot_submission@mailbox.hdb.gov.sg) and [BCA\\_COT@bca.gov.sg](mailto:BCA_COT@bca.gov.sg). For other enquiries pertaining to IGMS system, please email IGMS helpdesk at [Helpdesk@researchgrant.gov.sg](mailto:Helpdesk@researchgrant.gov.sg).

Thank you.



TAN TIAN CHONG  
DEPUTY MANAGING DIRECTOR  
BUILT ENVIRONMENT RESEARCH & INNOVATION INSTITUTE  
BUILDING AND CONSTRUCTION AUTHORITY

**DISTRIBUTION (via e-mail only):**

President  
Association of Consulting Engineers, Singapore (ACES)  
18 Sin Ming Lane  
#06-01, Midview City  
Singapore 573960  
Email: [secretariat@aces.org.sg](mailto:secretariat@aces.org.sg)

President  
Board of Architects (BOA)  
5 Maxwell Road  
1st Storey Tower Block, MND Complex,  
Singapore 069110  
Email: [boarch@singnet.com.sg](mailto:boarch@singnet.com.sg)

President  
Institution of Engineers, Singapore (IES)  
70, Bukit Tinggi Road  
Singapore 289758  
Email: [rickie.teo@iesnet.org.sg](mailto:rickie.teo@iesnet.org.sg)

President  
Real Estate Developers' Association of Singapore (REDAS)  
190 Clemenceau Avenue #07-01  
Singapore Shopping Centre  
Singapore 239924  
Email: [geoklee@redas.com](mailto:geoklee@redas.com); [celine@redas.com](mailto:celine@redas.com)

President  
Singapore Contractors Association Limited (SCAL)  
Construction House  
1 Bukit Merah Lane 2  
Singapore 159760  
Email: [esther@scal.com.sg](mailto:esther@scal.com.sg); [huiqin@scal.com.sg](mailto:huiqin@scal.com.sg)

President  
Singapore Institute of Architects (SIA)  
79 Neil Road  
Singapore 088904  
Email: [cjc@sia.org.sg](mailto:cjc@sia.org.sg)

President  
Society of Project Managers (SPM)  
Macpherson Road PO.Box 1083  
Singapore 913412  
Email: [societyofprojectmanagers@gmail.com](mailto:societyofprojectmanagers@gmail.com)

President  
Singapore Institute of Building Limited (SIBL)  
20 Maxwell Road, #08-06 Maxwell House,  
Singapore 069113  
Email: [josephine@sibl.com.sg](mailto:josephine@sibl.com.sg)

President  
Singapore Institute of Surveyors & Valuers (SISV)  
110 Middle Road #09-00  
Chiat Hong Building  
Singapore 188968  
Email: [dina@sisv.org.sg](mailto:dina@sisv.org.sg); [qs-cijc@sisv.org.sg](mailto:qs-cijc@sisv.org.sg)

President  
Singapore Structural Steel Society (SSSS)  
1 Liang Seah Street #02-11/12  
Liang Seag Place  
Singapore 189022  
Email: [secretariat@ssss.org.sg](mailto:secretariat@ssss.org.sg)

President  
Prestressed & Precast Concrete Society (PPCS)  
89 Short Street  
Golden Wall Centre #08-07  
Singapore 188216  
Email: [admin@ppcs.org.sg](mailto:admin@ppcs.org.sg)

President  
Professional Engineers Board, Singapore (PEB)  
52 Jurong Gateway Road #07-03  
Singapore 608550  
Email: [registrar@peb.gov.sg](mailto:registrar@peb.gov.sg)

Director  
Building and Infrastructure  
Defence Science & Technology Agency  
1 Depot Road  
Defence Technology Tower A  
Singapore 109679  
Email: [oyewhing@dsta.gov.sg](mailto:oyewhing@dsta.gov.sg)

Deputy Director  
Project Development & Maintenance Branch  
Ministry of Education  
1 North Buona Vista Drive  
Office Tower Level 9  
Singapore 138675  
Email: [eng\\_wee\\_tong@moe.gov.sg](mailto:eng_wee_tong@moe.gov.sg)

Deputy Chief Executive Officer (Building)  
Housing & Development Board (HDB)  
480 Lorong 6 Toa Payoh  
HDB Hub  
Singapore 310480  
Email: [SNG\\_Cheng\\_Keh@hdb.gov.sg](mailto:SNG_Cheng_Keh@hdb.gov.sg)

Director  
Technical Services Division  
JTC Corporation (JTC)  
8 Jurong Town Hall Road  
The JTC Summit  
Singapore 609434  
Email: [kohchwee@jtc.gov.sg](mailto:kohchwee@jtc.gov.sg)

President  
Singapore Green Building Council (SGBC)  
390 Havelock Rd, #06-05 King's Centre  
Singapore 169662  
Email: [yvonne\\_soh@sgbc.sg](mailto:yvonne_soh@sgbc.sg); [enquiry@sgbc.sg](mailto:enquiry@sgbc.sg)

President  
International Facility Management Association (IFMA)  
Killiney Road Post Office  
PO Box 2104  
Singapore 912352  
E-mail: [contact@ifmasingapore.org](mailto:contact@ifmasingapore.org)

President  
Association of Property and Facility Managers (APFM)  
110 Middle Road #09-00  
Chiat Hong Building  
Singapore 188968  
Email: [secretariat@afpm.mygbiz.com](mailto:secretariat@afpm.mygbiz.com)

President  
Institution of Facilities Management (IFM)  
Kent Ridge Post Office  
Yusof Ishak House (NUS)  
Kent Ridge PO Box 1058  
Singapore 119260  
Email: [bekkh@singnet.com.sg](mailto:bekkh@singnet.com.sg)

Chairman  
Sustainable Energy Association of Singapore (SEAS)  
180 Kitchener Road, #06-10 City Square Mall  
Singapore 208539  
Email: [info@seas.org.sg](mailto:info@seas.org.sg)

All CORENET e-Info subscribers