

FUTURE COMMUNICATIONS TRANSLATION LAB @ SIT (FCTLAB @ SIT)

GRANT CALL BRIEFING
28 JAN 2022





PROGRAMME

- Introduction & Grant details
- Q&A
- Site Visit

INTRODUCTION

The grant call aims to kickstart collaborations and capability development for 5G applications and services. It will help facilitate the innovation, translation, and acceleration of 5G ecosystem growth in Singapore, through the FCTLab@SIT as a testbed.



OBJECTIVES

- ❑ Developing and trialling new and innovative 5G solutions and products
- ❑ Driving demand-led research/ translate industry applications
- ❑ Fostering experimentation and innovative mindset
- ❑ Testing and validating applications and solutions
- ❑ Acquiring knowledge and technology insights from open standard 5G technologies from various technology partners
- ❑ Developing technical capabilities in 5G technologies



SCOPE

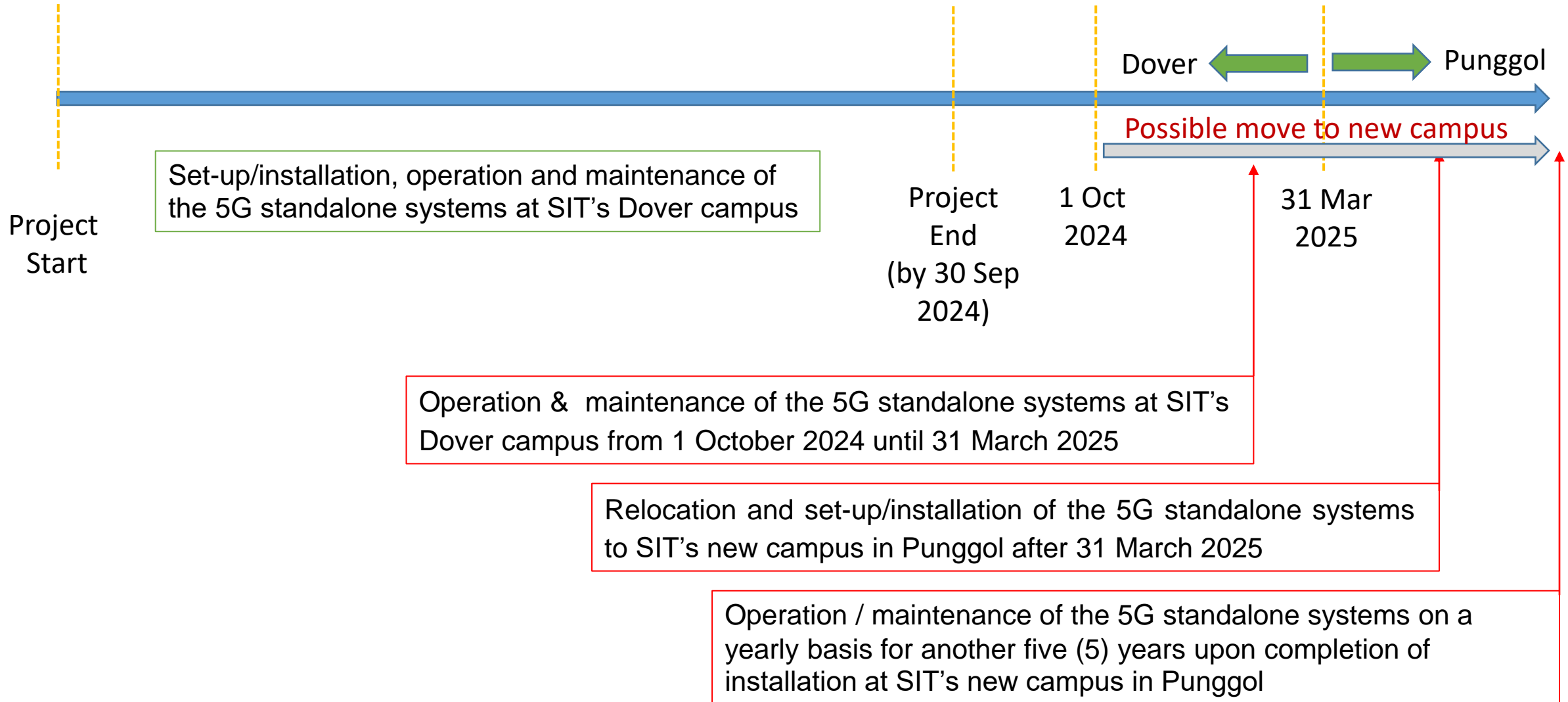
- ❑ Propose 5G standalone systems to serve as an open platform for carrying out simultaneous 5G innovation and validating of use cases
- ❑ Work with industry partners to leverage on the 5G standalone systems and develop use cases, products and services to build up the 5G ecosystem
- ❑ Train engineers to operate and manage the 5G systems. Has robust maintenance plan. innovative mindset
- ❑ Outreach programme to share technologies, use cases and others

SCOPE



Awarded in this grant call

Not Awarded / Discuss later



ELIGIBILITY

- ❑ Led by a **Host Organisation** – locally registered companies under the Companies' Act and is in the 5G related industries
- ❑ Open to research consortia comprising IHLs, RIs, public sector agencies, not-for-profit organisations and private sector companies



REGISTERED FILING AGENT



EVALUATION CRITERIA

- ❑ Clear demonstration of the proposed 5G infrastructure and equipment to be deployed, and how they can support industry partners to develop use cases, products and services;
- ❑ Significant ecosystem development that benefits Singapore in terms of capabilities and manpower development, as well as adoption of 5G applications/ solutions;
- ❑ Strong outreach avenues to share technical learnings and use cases
- ❑ Excellent execution by an experienced project team with a good track record
- ❑ Reasonableness of the proposed budget.
- ❑ Level of support and maintenance of 5G infrastructure and equipment



PROJECT DETAILS

Funded up to **50%** of the approved qualifying costs



 **3**Years

Project duration shall not exceed 3 years
(Complete by 30 Sep 2024)

SUBMISSION INFORMATION

Softcopy submission



Proposals & attachments must be submitted in **PDF format** to FCTranslab@SingaporeTech.edu.sg by **28 Feb 2022** (or earlier if funds are exhausted).

Target to inform successful applicants by 2Q 2022.

INFORMATION & CONTACT DETAILS



Please go to:

<https://www.singaporetech.edu.sg/research/grant-call-fctlab>

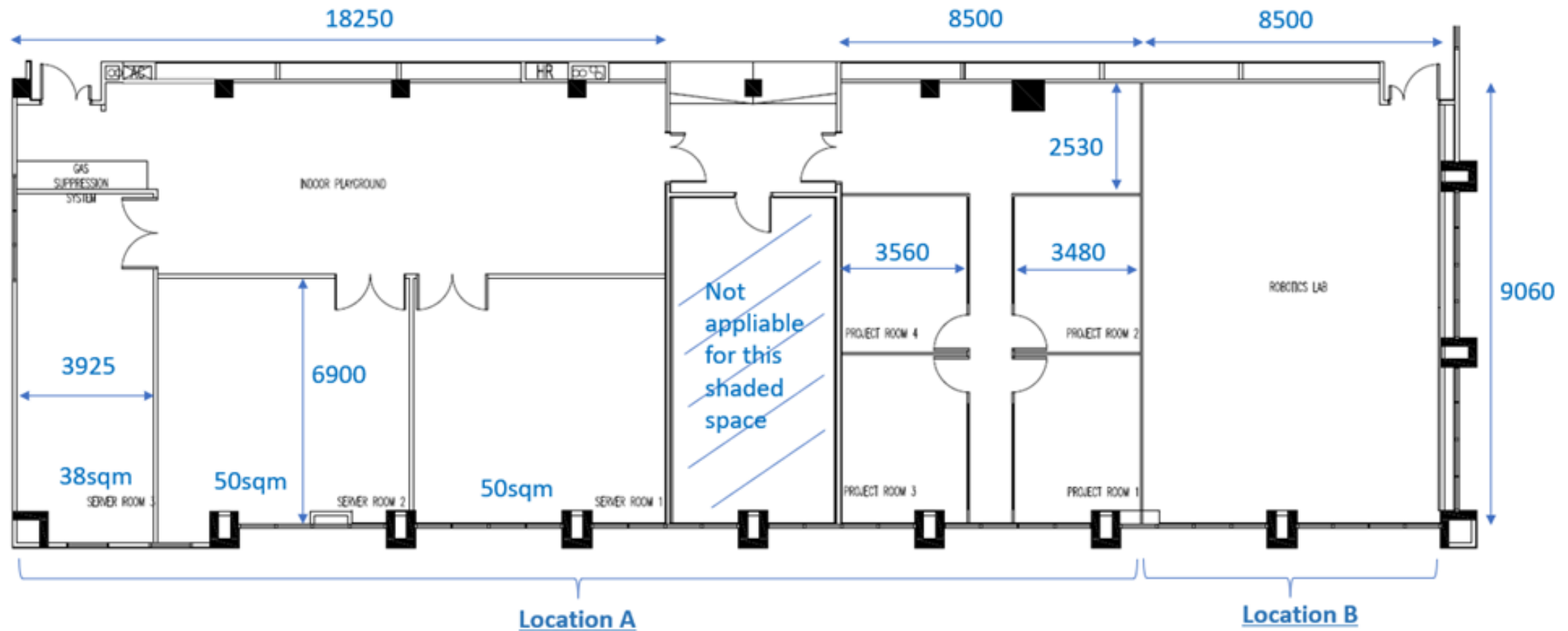


Please send queries to the FCTLab@SIT Programme Office at FCTranslab@SingaporeTech.edu.sg

FLOOR PLAN

Floorplan for Location A & B of FCTLab @ SIT

5G Standalone System(s) will be placed in the Server Rooms. Coverage of 5G is required for Location A, Location B and corridor area.



Dimensions (approximate) in mm

FLOOR PLAN

Floorplan for Location C of FCTLab @ SIT

Coverage of 5G is required for Location C and corridor area. Location C is situated at Level 1 & directly facing Location A on the same Level 1.

