

Reference No.  
(for ITC use):

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## Frontier Technology Research Support Scheme

### Application Form

#### General Information

1. This application form is for seeking funding under the **Frontier Technology Research Support Scheme** ("FTRSS"). Please read carefully the **Funding Guidelines for FTRSS ("Guidelines")** before completing this form.
2. The Applicant Institution seeking funding under FTRSS ("FTRSS Funding") shall be one of the eight designated University Grants Committee ("UGC")-funded universities, with a project team comprising the leading talent, research team members and other project team members ("Project Team") responsible for the proposed research facility ("Research Facility") and research project ("Project") under FTRSS.
3. The Applicant Institution may submit a joint application together with other parties that provide technological or financial (including in kind and non-in-kind) support to the Project ("Co-applicants"). The Applicant Institution shall be the lead applicant responsible for matters relating to the application ("Lead Applicant Institution") and submit the application to the Innovation and Technology Commission ("ITC").
4. The Lead Applicant Institution should complete one form in respect of each Project, and it is required to prioritise its applications if two or more applications are submitted.
5. The FTRSS Funding is to be provided on a matching basis, and the amount of funding support to be recommended for each approved application will depend on the merits of the Project proposal and the budget plan provided in this Application Form as well as in-kind and non-in-kind contributions made to support the Project from companies, organisations or individuals as specified in the Guidelines ("Contributors") and the Applicant Institution for matching purpose.
6. Please attach annex(es) if space provided in the form is insufficient. Other supporting documents such as diagrams, photos, etc. in JPEG or PDF format are welcome. Where necessary, the Application Institution may be required to supply the originals of supporting documents for verification, and/or additional information for clarification. Unless requested by the FTRSS Secretariat under the ITC, information not specifically referred to in this form and/or supplementary information provided after submission of the application will NOT be accepted and will NOT form part of the application.

7. All information provided in the form will be used for processing the application and for related purposes, e.g. project monitoring, statistical analysis, etc. It may be disclosed to other bureaux/departments of the Government of the Hong Kong Special Administrative Region (“Government”), statutory bodies or relevant third parties, if such disclosure is necessary.
8. Applications must be submitted to the FTRSS Secretariat –
- (a) by email to [ftss@itc.gov.hk](mailto:ftss@itc.gov.hk); and
- (b) in duly signed and stamped original hard copy in person or by post.
9. This form is divided into the following sections: -

Part A	The Applicant Institution
Part B	The Leading Talent and Project Team Members
Part C	The Research Facility and Project
Part D	Assessments
Part E	Supporting Documents
Part F	Declaration

10. Please complete this form in English for the purpose of assessment. For sections where Chinese is also required, please provide input in both English and Chinese.
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## **Part A : The Applicant Institution**

### **I. Lead Applicant Institution (UGC-funded University)**

<b>Name of University</b>	(Eng)
	(Chi)
<b>Faculty/Department</b>	(Eng)
	(Chi)
<b>Address</b>	(Eng)
	(Chi)
<b>Telephone</b>	
<b>Fax</b>	
<b>E-mail</b>	
<b>Priority of this Application</b>	of

### **II. Co-applicants, Contributors and Other Collaborating Parties**

Please provide in the table below information on the parties that will provide support for the Research Facility and Project, including Co-applicants, Contributors, and other collaborating parties such as research institutes, advisors, consultants, together with a description of the support to be provided by each party and provision of documentary proofs where possible.

#### **(a) Co-Applicants**

	Name (Eng and Chi)	Sector (Research/ Academic/ Industry/ Others (please specify))	Type of Support (Technical/ Financial/ Others (please specify))	Description of Support	Contact Person (Position, Organisation, Tel No., Fax No., and E-mail Address)
Local					

	Name (Eng and Chi)	Sector (Research/ Academic/ Industry/ Others (please specify))	Type of Support (Technical/ Financial/ Others (please specify))	Description of Support	Contact Person (Position, Organisation, Tel No., Fax No., and E-mail Address)
Non-Local					

**(b) Contributors**

	Name (Eng and Chi)	Sector (Research/ Academic/ Industry/ Others (please specify))	Type of Support (Sponsor/ Investor/ Others (please specify))	Description of Support	Contact Person (Position, Organisation, Tel No., Fax No., and E-mail Address)
Local					
Non-Local					

**(c) Other Collaborating Parties**

	Name (Eng and Chi)	Sector (Research/ Academic/ Industry/ Others (please specify))	Type of Support (Technical Support / Expert Advice/ Others (please specify))	Description of Support	Contact Person (Position, Organisation, Tel No., Fax No., and E-mail Address)
Local					
Non-Local					

## **Part B : The Leading Talent and Project Team Members**

### **I. Leading Talent<sup>1</sup>**

#### **1. Personal Particulars**

<b>(a) Title</b>	<input type="checkbox"/> Prof. <input type="checkbox"/> Dr. <input type="checkbox"/> Ir. <input type="checkbox"/> Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> Mrs.
<b>(b) Name</b>	(Eng)
<b>(if applicable)</b>	(Chi)
<b>(c) Age</b>	
<b>(d) Nationality</b>	
<b>(e) Academic / Professional Qualifications</b>	

#### **2. Employment Record in the Past 10 Years Immediately Preceding the FTRSS Application Deadline (in chronological order)**

University / Research Institute / Private Enterprises (Country and/or Region)	Post title and Rank	Date (dd/mm/yyyy)		Employment Type
		From	To	
		/ /	/ /	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time

<sup>1</sup> The leading talent shall be a top-notch international researcher/scholar who has been/will be appointed by the Applicant Institution to conduct research and teaching, spearhead the Project Team, and oversee the operations of the Research Facility and Project. The leading talent shall be research personnel who have worked at a university, public/private research institute or the research arm of a private enterprise overseas for not less than three years in the past 10 years immediately preceding the FTRSS application deadline, and the present/immediate previous appointment of the leading talent shall generally not be any full-time engagement at any such institutions in Hong Kong or the Mainland. In addition, the leading talent must be legally permitted to work or reside in Hong Kong throughout the duration of the Project ("Project Period") and he/she must be based in Hong Kong upon relocation. For details of the eligibility of the leading talent, please refer to Paragraphs 5-8 of the Guidelines.

University / Research Institute / Private Enterprises (Country and/or Region)	Post title and Rank	Date (dd/mm/yyyy)		Employment Type
		From	To	
		/ /	/ /	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time
		/ /	/ /	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time
		/ /	/ /	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time
		/ /	/ /	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time

### 3. (Proposed) Appointment to the Applicant Institution

<b>(a) Post Title and Rank</b>	
<b>(b) Unit / Department / Faculty</b>	
<b>(c) Research Area</b>	
<b>(d) Employment Type (Full-time or Part-time)</b>	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time
<b>(e) Concurrent Appointment</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, please provide details (e.g. institution name, location, allocation of working time (in percentage), remuneration arrangements etc.)	
<b>(f) Post Title at the Proposed Research Facility under FTRSS</b>	

<b>(g) (Proposed) Employment Period<sup>2</sup></b>	From     /     /     to     /     /		
<b>(h) Telephone</b>		<b>Fax</b>	
<b>(i) E-mail</b>			

#### 4. Standing and Reputation

<b>(a) Citation Impact</b>	<ul style="list-style-type: none"> <li><i>Total citations:</i></li> <li><i>H-index:</i></li> </ul>
<b>(b) Publications</b>	<ul style="list-style-type: none"> <li><i>No. of publications in top-tier journals and conference papers:</i></li> <li><i>List of high-impact journals and paper:</i></li> </ul>
<b>(c) Awards and Honours</b> (E.g. awards, prizes, fellowships)	
<b>(d) Academic Influence</b> (E.g. editorial roles)	
<b>(e) Collaboration and Network Strength</b> (E.g. international co-authorships)	
<b>(f) Intellectual Property</b>	

<sup>2</sup> The appointment of the leading talent is required to take effect within 12 months of the announcement of application results and no later than the commencement date of the Project as specified in the Funding Agreement.

<b>Rights (IPRs) Owned and Commercialisation</b> <i>(E.g. patents filed/granted, no. of start-ups founded, licensing revenue)</i>	
<b>(g) Institutional and Societal Impact</b> <i>(E.g. government advisory roles, media mentions and textbook authorship)</i>	
<b>(h) Others</b> <i>(E.g. external references)</i>	



## II. Administrative Coordinator<sup>3</sup>

<b>(a) Name</b>	(Eng)		
<i>(if applicable)</i>	(Chi)		
<b>(b) (Proposed) Employment Period</b>	From    /    /    to    /    /		
<b>(c) Employment Type (Full-time or Part-time)</b>	<input type="checkbox"/> Full-time <input type="checkbox"/> Part-time		
<b>(d) Post Title at the Applicant Institution</b>			
<b>(e) Post Title at the Proposed Research Facility under FTRSS</b>			
<b>(f) Telephone</b>		<b>Fax</b>	
<b>(g) E-mail</b>			

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<sup>3</sup> The Administrative Coordinator shall be responsible for liaising with the Applicant Institution and the FTRSS Secretariat under the ITC on administrative matters on behalf of the Project Team.

### III. Research Team Members

(i) No. of research team members (excluding the leading talent) expected to be recruited from overseas <sup>4</sup> :	
(ii) No. of research team members expected to be recruited from Hong Kong or the Mainland :	
(iii) Expected proportion of researchers recruited from overseas to total research team members (excluding the leading talent) :	%

#### (a) Research Team Members Recruited from Overseas

No.	Name	Present/ Immediate Previous Full- time Appointment (Position and Institution)	(Proposed) Employment Period and Employment Type (Full-time / Part-time)	Concurrent Appointment (Yes/No)  (If yes, please provide details (e.g. institution name, location, allocation of working time (in percentage), remuneration arrangements etc.)	(Proposed) Post Title(s) at the Applicant Institution and the Proposed Research Facility under FTRSS	Academic Qualification s and Work Experience <sup>5</sup>
1.						
2.						
3.						
4.						

- ☐ I/We confirm that the research team members recruited from overseas fulfil the eligibility criteria specified in Footnote 1 of this Application Form and Paragraphs 5-8 of the Guidelines.

<sup>4</sup> The leading talent is expected to bring his/her overseas research team comprising junior researchers/scholars to Hong Kong to be part of the Project Team. Priority may be given to an application with the leading talent bringing his/her overseas research team to take part in the Project in Hong Kong and constitute a major part, i.e. at least 50% of the research team of the Project. For the research team members brought by the leading talent from overseas to the Research Facility and Project, they must fulfil the same eligibility criteria specified in Footnote 1. Details of eligibility requirements are spelt out in Paragraphs 5-8 of the Guidelines.

<sup>5</sup> Information shall include the highest degree obtained by the research team members, the degree-awarding institution, the year of award, the present/immediately previous employer and job title.

**(b) Research Team Members Recruited from Hong Kong or the Mainland**

No.	Name	Present/ Immediate Previous Full- time Appointment (Position and Institution)	(Proposed) Employment Period and Employment Type (Full-time / Part-time)	Concurrent Appointment (Yes/No) (If yes, please provide details (e.g. institution name, location, allocation of working time (in percentage), remuneration arrangements etc.)	(Proposed) Post Title(s) at the Applicant Institution and the Proposed Research Facility under FTRSS	Academic Qualification s and Work Experience <sup>5</sup>
1.						
2.						
3.						
4.						

**IV. Other Project Team Members not involved in Research**

No.	Name	Present/ Immediate Previous Full- time Appointment (Position and Institution)	(Proposed) Employment Period and Employment Type (Full-time / Part-time)	Concurrent Appointment (Yes/No) (If yes, please provide details (e.g. institution name, location, allocation of working time (in percentage), remuneration arrangements etc.)	(Proposed) Post Title(s) at the Applicant Institution and the Proposed Research Facility under FTRSS	Academic Qualification s and Work Experience <sup>5</sup>
1.						
2.						
3.						
4.						

## **Part C : The Research Facility and Project**

### **I. Details of the Proposed Research Facility and Project**

1. Name of the Proposed Research Facility : (Eng) \_\_\_\_\_

(Chi) \_\_\_\_\_

2. Project Title : (Eng) \_\_\_\_\_

(Chi) \_\_\_\_\_

3. Estimated Period of Operation of the Research Facility<sup>6</sup> : \_\_\_\_\_

4. Venue of the Research Facility :

*(please provide details of the space or premises secured for the Research Facility, including location, size/capacity and other details.)*

5. Proposed Project Period<sup>7</sup>

Project Commencement Date : \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_  
(dd/mm/yyyy)

Project Completion Date : \_\_\_\_\_ / \_\_\_\_ / \_\_\_\_  
(dd/mm/yyyy)

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<sup>6</sup> The Research Facility shall maintain continued operations for no less than five years from the commencement date of the Project.

<sup>7</sup> The Applicant Institution is advised to estimate a realistic commencement date (say at least eight months after the application deadline) to cater for the time required for application assessment, completion of all necessary administrative procedures for approved applications, realisation of university/industry contributions, etc.

**6. Total Amount of Funding Requested under FTRSS :**

*(please set out the budget plan in  
Part D(IV) of this form)*

HK\$

**II. Brief Description of the Project Proposal**

**1. Key Frontier Technology Field(s)<sup>8</sup>**

- ☐ Artificial Intelligence (AI)
- ☐ Quantum Information
- ☐ Integrated Circuits
- ☐ Brain Science and Brain Inspired Research
- ☐ Gene and Biotechnology
- ☐ Clinical Medicine and Health
- ☐ Exploration in Deep Space, Deep Earth, Deep Sea and the Polar Regions
- ☐ Others (please specify if the technology field is closely associated with Hong Kong's high-quality development and new quality productive forces, as well as to provide justifications by visionary nature and originality of the research):

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Primary Field:

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Secondary Field (if any):

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<sup>8</sup> Please tick ("✓") at least one box as appropriate. If more than one area of frontier technology is involved, please specify the primary and secondary fields.

## 2. Overview of the Proposed Project

**Vision:**

**Mission:**

3. **Project Summary** (in both English and Chinese, no more than 500 words each)  
(Please provide an overview of the objective(s), research and development (R&D) activities, expected impacts and benefits of the Project, etc.)

**(Eng)**

**(Chi)**

4. **Talent Summary** (in both English and Chinese, no more than 500 words each)  
(Please outline the plans to recruit overseas talents and nurture local talents through the Project.)

**(Eng)**

**(Chi)**

**5. Technical Summary** (in both English and Chinese, no more than 500 words each)

(Please provide a summary of the novel innovation and technology (I&T) component(s), the technology(ies) and research methodology(ies) involved, and the expected technology breakthroughs, etc.)

**(Eng)**

**(Chi)**

**6. Project Deliverables** (in both English and Chinese, no more than 500 words each)

(Please provide a brief description of the deliverables, performance indicators, expected targets and outcomes of the Project, etc.)

**(Eng)**

**(Chi)**

## 7. Project Milestones and Performance Indicators<sup>9</sup>

(Please set out the major milestones to be achieved in phases over the Project Period.)

Period		Milestones
From (dd/mm/yyyy)	To (dd/mm/yyyy)	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	
/ /	/ /	

<sup>9</sup> The Applicant Institution shall closely monitor the progress of the Project **strictly** against the agreed performance indicators, Project milestones, etc. The Applicant Institution is required to submit regular progress reports, annual audited accounts and other necessary supporting documents (e.g. proofs showing receipt of funding, etc.) for the ITC's approval and monitoring. For any material modification on, among others, agreed performance indicators or Project milestones, the Applicant Institution shall seek prior approval from the Government in writing. In general, requests for substantial changes would not be entertained.



(Please set out in the table below the performance indicators to be achieved during the Project Period. Examples of performance indicators can be found in Paragraph 30 of and Annex B to the Guidelines.)

<b>(a) Talent Recruitment</b>	
No. of world-class scientists/scholars recruited from overseas:	
No. of research fellows recruited from overseas:	
No. of local post-doctoral fellows/postgraduates employed:	
No. of local PhD/undergraduate students trained:	
Total no. of technical employment positions created:	
Total no. of non-technical employment positions created:	
Others: (please specify)	
<b>(b) Academic Influence and Research Outcomes</b>	
No. of papers published in international scientific journals:	
No. of conference papers published in elite venues:	
No. of papers cited by international scientific journals:	
No. of renowned scientific awards obtained:	
No. of symposiums/seminars/workshops/other events held:	
Others: (please specify)	
<b>(c) Academic/Industry Collaboration</b>	
No. of R&D work involving academic/research collaborations:	
<i>With Hong Kong's Institutions:</i>	
<i>With Mainland's Institutions:</i>	
<i>With International Institutions:</i>	
No. of R&D work involving industry collaborations:	
<i>With Hong Kong's Industry Partners:</i>	
<i>With Mainland's Industry Partners:</i>	
<i>With International Industry Partners:</i>	

No. of cross-sectoral/institutional researches/studies conducted:	
Contribution from the industry (HK\$):	
<i>In-kind (cash equivalent value) (HK\$):</i>	
<i>Non-in-kind (HK\$):</i>	
Others: (please specify)	
<b>(d) Intellectual Property Rights (IPRs)</b>	
No. of patents applied for:	
No. of patents granted:	
Patent utilisation rate (%):	
No. of patented technologies developed:	
No. of income-generating patented technologies developed:	
No. of licensing agreements signed:	
<b>(e) Commercialisation and Incomes (if applicable)</b>	
No. of start-ups spun off from the Research Facility:	
Private investment secured by start-ups (HK\$):	
Revenue generated by start-ups (HK\$):	
Valuation of the start-up(s) (HK\$):	
Job positions filled in the start-up(s) in Hong Kong	
Total amount of income generated from the FTRSS Research Facility/Project (HK\$):	
<i>Amount of licensing fees generated (HK\$):</i>	
<i>Amount of royalties generated (HK\$):</i>	
<i>Other incomes: (please specify)</i>	
Others: (please specify)	
<b>(f) Others (please specify)</b>	

## **Part D : Assessments**

*(Please refer to the Guidelines and its Annex B for details of the assessment framework.)*

### **I. Talent Component**

The Applicant Institution shall set out:

- (i) the academic achievement, standing and reputation (viz. experience, expertise, award winning achievements and network) of the leading talent and his/her research team members involved;
- (ii) the proportion of research team members recruited overseas;
- (iii) the extent of the engagement (e.g. time commitment) of the leading talent and his/her research team members in the Project<sup>10</sup>; and
- (iv) the local talent development plan.

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### **II. I&T Components and Research Themes**

#### **(a) Objectives**

The Applicant Institution shall:

- (i) set out the pain point(s)/strategic technological problems faced by Hong Kong in the concerned frontier technology field(s) being selected for the R&D work under FTRSS;
- (ii) briefly describe the research gap(s) and how the Project can fill the gap(s) and address the identified pain point(s) to achieve breakthroughs;

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<sup>10</sup> The Applicant Institution shall ensure that the work of the leading talent and his/her research team members is primarily undertaken in Hong Kong. The amount of funding to be approved under the FTRSS will take into account the allocation of time of the leading talent and his/her research team members for work to be performed in and outside Hong Kong. Besides the work commitment indicated in the application, the leading talent and his/her research team members shall have obtained prior written approval of the Applicant Institution for work performed outside Hong Kong in accordance with its established procedures. The Applicant Institution shall also inform ITC in writing immediately upon giving such approval.

- (iii) provide details of the new/novel elements – what is new/novel in the original basic R&D project, in terms of ideas, concepts, themes, knowledge, technologies, methodologies and/or applications; and
- (iv) illustrate the relevant scientific/engineering principle(s) of how the I&T work will be carried out.

## **(b) Scope of R&D Work**

The Applicant Institution shall:

- (i) describe how the R&D work would be systematically conducted and the specific research areas for generating new knowledge to develop the I&T;
- (ii) describe the specific core R&D activities, technology development processes and/or methodologies that are visionary and originality-based;
- (iii) provide details on inter-institutional and cross-sectoral co-operation, if any;
- (iv) provide information on the arrangement of IPRs<sup>11</sup>;
- (v) provide information if R&D activities involve data collection from other parties; and
- (vi) set out any regulatory requirements for conducting a user/clinical trial/other experiment if it is proposed as part of the R&D plan.

## **(c) R&D Outcomes**

The Applicant Institution shall:

- (i) demonstrate excellence in original breakthrough in basic R&D outcomes with the potential to be translated into innovative and marketable solutions/products/services/systems; and

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<sup>11</sup> The Project Team/inventors should be entitled to no less than 70% of the intellectual property (IP) benefits (in respect of the IPs generated by the Project Team/inventors during the Project Period). For details of the ITC's requirements on IP arrangements, please refer to Paragraphs 64-66 of the Guidelines.

- (ii) describe the expected targets and outcomes of the Project, and how the progress towards achieving them can be tracked and evaluated in concrete and measurable terms.

**(d) Technical Challenges/Risks**

The Applicant Institution shall describe the challenges and potential risks in accomplishing the Project objectives and milestones, as well as measures to avert/address them.

**III. Technical and Management Capabilities**

The Applicant Institution shall describe and submit supporting documents for the following:

- (i) technical and management abilities of the Applicant Institution, the research team and collaborating institutions (if any) to fully deliver the Project and effectively manage the Research Facility;
- (ii) the roles of key Project Team members in implementation of the Project; and
- (iii) track records of the Applicant Institution and Project Team in conducting R&D activities and setting up/managing research facilities of similar scale.

## IV. Reasonableness of the Budget Plan

### A. *Budget Plan*<sup>12</sup>

(Please refer to Paragraphs 13-15 of the Guidelines and list out all the estimated expenditures to be incurred within the Project Period, and provide sufficient justifications and a breakdown of each board category.)

Board Category	Cost (HK\$'000)
(i) Manpower	
(ii) Equipment	
(iii) Other Direct Costs	
<b>Total Project Cost (A) (i)+(ii)+(iii):</b>	

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<sup>12</sup> Upon successful application, where the cumulative deviation of expenditure for a board category of "Manpower", "Equipment" or "Other Direct Costs" exceeds 30% of the original approved budget, prior approval from the ITC is required. However, as the subsidy matching ratios for expenses under the board category of "Manpower" and expenses under the board categories of "Equipment" and "Other Direct Costs" are different, any transfer of budgeted expenditure between categories with different matching ratios is not allowed. In other words, only virement between the board categories of "Equipment" and "Other Direct Costs" is permissible.

(i) Manpower

<b>Position/Rank<sup>13</sup></b>	<b>No. of Staff</b>	<b>Duration (months)</b>	<b>Monthly Rate or Equivalent (HK\$'000)</b>	<b>Total (HK\$'000)</b>	<b>Incurred Outside Hong Kong (Yes/No) (If yes, please provide justifications) <sup>14</sup></b>	<b>Justifications (e.g. the duties, academic qualification, relevant experience required, whether the staff is recruited overseas, and whether the staff is full-time or part-time, etc.)</b>
1.						
2.						
3.						
4.						
5.						
<b>Sub-total (A(i))</b>						
<b>Total amount of "Manpower Expenditure" incurred outside HK (a):</b>						

<sup>13</sup> Please indicate (by putting in \*) if any Project Team members are Contributors to the Project. For these Project Team members, the Applicant Institution shall provide declarations made by the concerned personnel in writing on all relevant remunerated positions, justifications for the appointment and course of action to be taken to mitigate conflict of interest to the ITC for approval before their taking any form of remuneration from the Project Funds. The ITC shall have the absolute discretion to determine whether such approval shall be given.

<sup>14</sup> Activities of the Project shall primarily be conducted within the territory of Hong Kong. In general, no more than \$20 million or 20% of the FTRSS Funding, whichever is lower, could be incurred and utilised outside Hong Kong.

(ii) Equipment

Equipment <sup>15</sup>	Purchase / Rental	Quantity	Unit Cost (HK\$'000)	Total (HK\$'000)	Incurred/ Installed Outside Hong Kong (Yes/No) (If yes, please provide justifications) <sup>14, 16</sup>	Justifications (e.g. functions, why it is essential to the Project, location of the equipment installed, etc.)
1.						
2.						
3.						
Total cost of equipment incurred/installed in Hong Kong (b):						
4.						
5.						
6.						
Total cost of equipment incurred/installed outside Hong Kong (c):						
<b>Sub-total (A(ii)) = (b)+(c)</b>						
		Proportion ((c)/A(ii)) <sup>14</sup> :		%		

- ☐ I/We confirm that the title to all equipment shall be vested in and remained with the Lead Application Institution.
- ☐ I/We confirm that the Lead Application Institution will keep all equipment costing no less than HK\$500,000 purchased for the Project for at least two years after completion or termination of the Project.

<sup>15</sup> Please specify items to be covered by in-kind contribution (marked with an @).

<sup>16</sup> If the equipment for the Project purchased using the Project Funds needs to be installed or housed outside Hong Kong in exceptional circumstances, the Applicant Institution shall seek prior approval from the ITC with full justifications. In any case, the cost of equipment to be installed outside Hong Kong shall be less than 25% of the total equipment budget.



(iii) Other Direct Costs

Item <sup>15</sup>	Quantity	Unit Cost (HK\$'000)	Total (HK\$'000)	Incurred Outside Hong Kong (Yes/No) (If yes, please provide justifications) <sup>14</sup>	Justifications (e.g. purposes, scope of service, how it contributes to the achievement of results, reasons for the quantity requested, etc.)
1.					
2.					
3.					
4.					
5.					
Sub-total (A(iii))					
Total amount of "Other Direct Cost" incurred outside HK (d):					

(iv) Local Content Requirement

Total amount of off-shore items (e)= (a)+(b)+(c)	
FTRSS Funding sought (per Part C below) (f)	
Off-shore items v.s. FTRSS Funding sought (expressed as %) ((e)/(f)x100%)	%

**B. Contribution from the Applicant Institution and Contributors<sup>17</sup>**

(Please refer to Paragraphs 20-26 of the Guidelines and list out all the contributions from the Applicant Institution and Contributors to be received within the Project Period.)

Name	Non-in-kind/Cash Contribution (HK\$'000)		In-kind Contribution		Total (HK\$'000)
	To be allocated to remuneration items (B(i))	To be allocated to non-remuneration expenditure items (B(ii)(a))	Details (e.g. description of equipment/ consumables etc. and basis of conversion to cash value)	Cash Equivalent (HK\$'000) (B(ii)(b))	
1.					
2.					
3.					
4.					
5.					
	Sum (B(i)):	Sum (B(ii)(a)):	Sum (B(ii)(b)):		
	Sub-total (B):				

<sup>17</sup> Please note that –

- The Government will provide FTRSS Funding to the Applicant Institution for expenses under “Manpower” on a matching ratio of up to 1 (Government): 1 (Applicant Institution and other funding sources), with only non-in-kind contributions being eligible for matching purposes.
- For expenses under “Equipment” and “Other Direct Costs”, FTRSS Funding will be provided at a matching ratio of up to 4 (Government): 1 (Applicant Institution and other funding sources), which may include in-kind and non-in-kind support.
- In-kind contribution shall not exceed 50% of the total contribution in relation to the non-remuneration expenditure.
- For in-kind contribution, documentary proofs shall be provided to facilitate an independent and fair assessment of the value of the contribution, e.g. details of the valuation for new and used equipment and consumables. In general, two independent valuations for each item of the in-kind contribution shall be provided for the ITC’s assessment. Under special circumstances such as the Contributor being the sole supplier of the item or the item is unique in terms of IP ownership or technology, in which case there are genuine difficulties in obtaining a second independent valuation, other form of documentary evidence from the contributor may be accepted at the Government’s discretion.
- Within two months of the announcement of application results, the Applicant Institution and/or Contributors are required to deposit no less than 20% of their committed non-in-kind contributions for matching purposes into the designated Project Bank Account.

### C. Funding Request

	Remuneration Costs	Non- Remuneration Costs	Total Amount (HK\$'000)
<b>Estimated Expenditure (A):</b>	(=A(i))	(=A(ii)+A(iii))	<b>(A=A(i)+A(ii)+A(iii))</b>
<b>Committed Contribution (B):</b>	(=B(i))	(=B(ii))	<b>(B=B(i)+B(ii))</b>
<b>Net Amount of Funding Sought under FTRSS (C):</b>	(C(i) = A(i)/2 or A(i)–B(i), whichever is lower)	(C(ii) = (A(ii)+A(iii))/5 x 4 or (A(ii)+A(iii))-B(ii), whichever is lower)	<b>(C=C(i)+C(ii))</b>
<b>FTRSS Funding v.s. Total Project Cost (expressed as %):</b>	<b>%</b>		<b><u>(C)</u> (A)</b>

**D. Project Income**

(Please list out all the estimated income (e.g. licence fees, royalties, etc.) to be received, if any, and provide breakdown of each item and the basis of estimation in the following section.)

Source of Income	Basis of Projection/Assumptions	Amount (HK\$'000)
1.		
2.		
3.		
4.		
Sub-total (D):		

**E. Other Sources of Funding**

(Please indicate whether there has been/will be any plan to seek funding for the Project from funding schemes other than FTRSS. If so, please briefly describe the related funding application/project(s), provide the relevant reference number(s) and title(s), and confirm whether there involves double payment for the same part of expenditure item(s).)

Funding Scheme	Project title and related reference number(s)	Brief description of the project	Involves double payment for the same part of expenditure item(s) budgeted in FTRSS?
1.			<input type="checkbox"/> Yes <input type="checkbox"/> No
2.			<input type="checkbox"/> Yes <input type="checkbox"/> No
3.			<input type="checkbox"/> Yes <input type="checkbox"/> No
4.			<input type="checkbox"/> Yes <input type="checkbox"/> No
5.			<input type="checkbox"/> Yes <input type="checkbox"/> No

## **V. Overall Benefits to the I&T Sector and Society as a Whole**

### **(a) Objectives**

The Applicant Institution shall:

- (i) set out how the Project would respond to the Government's policy on the development of frontier technologies; and;
- (ii) illustrate the extent to which the Project is in the overall interests of the community.

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### **(b) Project Deliverables**

The Applicant Institution shall:

- (i) demonstrate the overall benefits of the Project to the I&T sector of Hong Kong, e.g. building Hong Kong as an international talent hub and fostering growth of the I&T ecosystem, provision of training opportunities to local graduates/research personnel; and
- (ii) describe the social contribution of the Project to the local community and/or our country, e.g. the R&D results that contribute to the improvement of living standard of the community, creation of long-term and high value-added technology-based employments etc.

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## **Part E : Supporting Documents for the Application**

(The Applicant Institution shall enclose the following documents and number them as annexes to this form in supplementing the information provided in the previous sections)

<b>Annex No.</b>	<b>File Name</b>	<b>File Description</b>
1	CVs (a template is at <u>Appendix</u> )	CVs of all key positions in the Project Team, including the leading talent, the administrative coordinator and other research team members. The CV of the leading talent and each research team member should cover, among other things, the metrics mentioned in Criterion (a) of Annex B to the Guidelines, as well as his/her time commitment (e.g. number of working days per annum to the Project and teaching and research work in Hong Kong).
2	Proof of talent recruitment	Examples include: employment contracts, letters of appointment, letters of commitment or a signed undertaking from the leading talent/research team members confirming agreement to work in the Applicant Institution, as well as details of the remuneration package to be offered to them.
3	Organisation chart of the proposed Research Facility	The chart shall outline the composition of the Project Team and job descriptions of each key Project Team member.
4	Information on Contributors	The information shall include: ownership, governance, hierarchy and relationships, names of Contributors, etc.
5	Proof of commitment/receipt of contribution	Examples include: sponsorship/investment agreements, letters of intent, proofs of cash injection/transfer of in-kind contribution, proofs of two independent valuations for each item of in-kind contribution, etc.

6	Budget with documentary proofs	Detailed breakdown of budget plan as listed in Part D(IV) above, including all income and expenditure items with justifications, documentary proofs of value of in-kind contribution, and realisation date/ time of all in-kind and non-in-kind contribution. All the aforementioned information should be presented with yearly cash flow projection.
7	Specifications of the proposed project deliverables	Details of the deliverables of the Project.
8	Venue arrangement	Details and proofs of the secured space or premises intended for set-up and operation of the Research Facility, including the location, capacity, amenities, etc.
9	Details of cross-sectoral and/or inter-disciplinary co-operation	A list of Co-applicants and/or Contributors together with details of the support they will provide shall be presented.
10	IP arrangements	An agreement on the IP benefit sharing arrangement, with details of the sharing of royalties, IPRs or any other sorts of income to be generated from the Project.
11	Supplementary information on the I&T component in relation to the proposed Project	Examples include: a brief research proposal, justifications for selection of technology field(s)/research theme(s) other than the seven frontier technology fields for the proposed Project, track records of the Applicant Institution and Project Team in managing projects/research facilities of similar scale, etc.

## **Part F : Declaration**

I/We have carefully read and fully understand the Guidelines and the information in this form.

I/We certify that all the information provided in this form is true, complete and accurate. In the event that any information is found untrue, incomplete or inaccurate in future, ITC reserves the right to revoke its approval of any application and withdraw grant approved, and in such cases, I/We shall refund any FTRSS Funding disbursed to the Government.

I/We confirm that this application does not seek funding for any expenditure item or part thereof which is already funded or will be funded by the Government, a Government subvented body/institution, the Applicant Institution or Contributors.

I/We fully understand that, if the application is successful, the Lead Applicant Institution (i.e. the UGC-funded university) will enter into a funding agreement (in such form and substance as determined by the Government) with the Government ("Funding Agreement") and will be required to comply with all terms and conditions therein, including those relating to the progress and expenditure of the Project, the submission of reports and audited accounts, etc. The Lead Applicant Institution will be directly accountable and liable for all legal obligations in relation to the Project and the Research Facility, and shall not take any action prejudicial to the Government's interest.

I/We understand that in the event of any inconsistencies between this form/ the Guidelines and the Funding Agreement of the Project, the latter will prevail.

I/We agree that information provided in this form will be used and/or disclosed by the Government to relevant parties to process the application, to conduct research and survey, and if the application is successful, to monitor the Project, to exercise its rights and powers in relation to the Project (including posting the relevant information to ITF website), and for publicity, promotion and other related purposes.

I/We declare and undertake that the Lead Applicant Institution and the Project Team shall conform in all respects with all legislation (including without limitation the Law of the People's Republic of China on Safeguarding National Security in the Hong Kong Special Administrative Region), regulations and by-laws of the Hong Kong Special Administrative Region in carrying out the Project. The Government may at any time revoke an approved application with immediate effect and require refund of disbursed funding to ITC on the occurrence of any of the following events:

- (i) the Lead Applicant Institution and/or the Project Team has engaged or is engaging in acts or activities that are likely to constitute or cause the occurrence of offences endangering national security or which would otherwise be contrary to the interest of national security;



- (ii) the continued engagement of the Lead Applicant Institution is contrary to the interest of national security; or
- (iii) the Government reasonably believes that any of the events mentioned in (i) or (ii) above is about to occur.

**Lead Applicant Institution**

(The application form must be signed by the Vice-President or an authorised officer from the senior management of the Lead Applicant Institution.)

Name of Lead Applicant  
Institution

Authorised Signature for and  
on behalf of the Lead  
Applicant Institution

Name of Officer

Post Title

Tel

Email Address

Date

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**CURRICULUM VITAE**  
**(Maximum Four Pages)**

All information provided in this form will be used for processing the application and related purposes by Innovation and Technology Commission (ITC) and the Applicant Institution. It may be disclosed to other Government bureaux/departments, statutory bodies or third parties for the above said purposes or required by law. This submission denotes that the Project Team members as well as the Applicant Institution have given explicit consent to such disclosure.

**Personal Particulars**

Name in English : [Title] [First name here] [Last name here]

Name in Chinese (if applicable) :

Gender :

Nationality :

Present/Immediate Previous Full-time  
Appointment

(a) *Position and Rank* :

(b) *University / Research Institute /  
Private Enterprises (Country  
and/or Region)*

(c) *Period*

Post Title and Rank in the Applicant  
Institution :

Faculty/Department in  
the Applicant Institution (if applicable) :

Post Title in the Proposed Research  
Facility under FTRSS :

Tel No. :

E-mail Address :

**Academic/Professional Qualifications** (in chronological order):

**Working Experience** (in chronological order):  
(Project management experience, if any, should be included)

**Citation Impact and Publications:**

**Awards and Honours:**

**Academic Influence:**

**Collaboration and Network Strength:**

**Intellectual Property Rights Owned and Commercialisation:**

**Research Funding and Grants:**

**Institutional and Societal Impact:**