

Construction Innovation and Technology Fund (CITF) Introduction

April 2020



CITF 建造業創新及科技基金



citf.cic.hk

Background

- The CITF with an approved allocation of HK\$1 billion, is established by the Government of Hong Kong Special Administrative Region
- The CITF encourages technology adoption in automation, industrialization and digitization
- The CITF aims to provide the impetus to transform the local construction industry and uplift built quality of HK construction industry
- CIC is the implementation partner of the CITF

Aims



Boost Productivity

- Achieve project time savings
- Enhance cost effectiveness
- Promote labour productivity
- Enhance buildability and minimise unworkable designs



Uplift Built Quality

- Reduce unnecessary rework and defects
- Improve design and construction quality by minimising on-site changes



Improve Site Safety

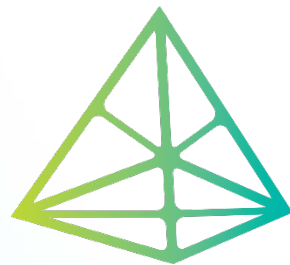
- Enhance workplace safety and health for workers
- Reduce safety risks to workers in construction operations through design management or provision of safety equipment



Enhance Environmental Performance

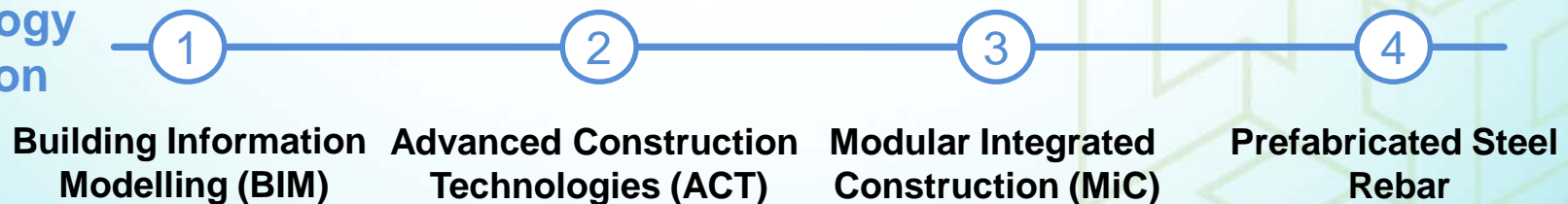
- Reduce material wastage and / or pollutants during construction
- Abate environmental nuisance to surroundings during construction

Categories of Funding



CITF 建造業
創科基金

(A) Technology Adoption



(B) Manpower Development



Technology Adoption



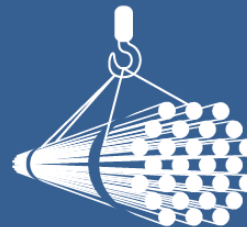
**Building Information
Modelling (BIM)**



**Advanced Construction
Technologies (ACT)**



**Modular Integrated
Construction (MiC)**



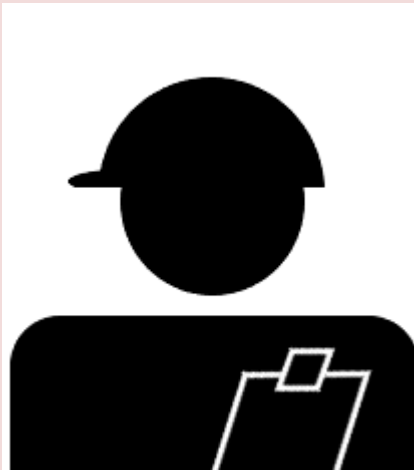
Prefabricated Steel Rebar

Technology Adoption - Eligibility



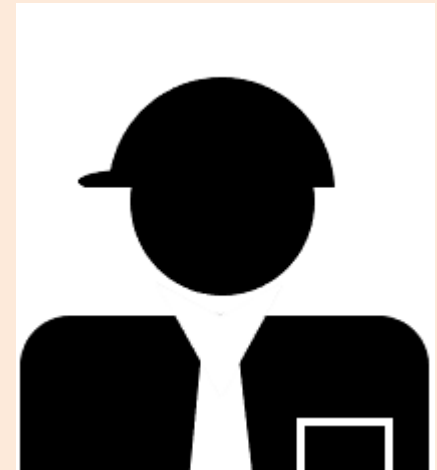
Construction Levy-paying Contractors

Contractors who have paid construction industry levy to the CIC in the past 24 months



Registered Specialist Trade Contractors (RSTCS)

Specialist trade contractors and subcontractors registered under the RSTCS operated by the CIC



Consultants

Consultants on the lists maintained by Government and professional bodies

Remarks:

For related enterprises, i.e. enterprises with different business registration certificates but having the **same individual(s) holding 30% or more ownership**, they would be **treated as one single enterprise** in counting the funding ceiling per company

(A) Technology Adoption

1

2

3

4

Building Information Modelling (BIM)

Advanced Construction Technologies (ACT)

Modular Integrated Construction (MiC)

Prefabricated Steel Rebar



Training

Experiential Use and Project Adoption

Funding mode

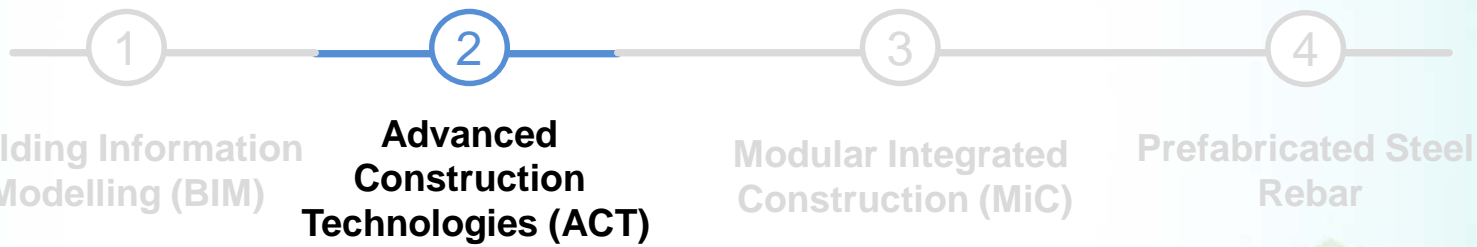
Cash rebate


Co-fund with 70% grant from CITF

Funding Ceiling

- A ceiling of HK\$800,000 per applicant **can be shared between BIM Training and BIM Adoption**
 - Applicants can apply for a **maximum of HK\$600,000 for either BIM training or BIM Adoption**
- | | |
|---|---|
| <ul style="list-style-type: none"> • Each person enrolling training is entitled to HK\$3,000 per course at maximum | <ul style="list-style-type: none"> • Experiential use is capped at maximum HK\$200,000 • Each computer at maximum HK\$21,000 • Computers subsidised by CITF are required to install BIM software and be used for this purpose • BIM software license period up to 3 years |
|---|---|

(A) Technology Adoption



	Project Adoption
Funding Mode	<ul style="list-style-type: none">Co-fund with 70% grant from CITFRental of equipment for experiential adoption, co-fund with 50% grant from CITF
Funding Ceiling	<ul style="list-style-type: none">HK\$800,000 per technologyThe funding ceiling for rental is HK\$200,000 per technology for a maximum rental period of 6 monthsThe cumulative maximum funding ceiling for rental is HK\$500,000 per applicant

Remarks:

- The combined funding ceiling for BIM and ACT is HK\$3,000,000 per applicant
- CITF will bear a higher maximum ratio of 75% of the total costs of the Approved Project which involves the adoption of locally developed innovations or products
- In general, CITF will not fund the maintenance cost, office overheads, materials cost, consumables, spare parts, solutions, services and other administrative expenses incurred in the project

Pre-approved Lists

Navigation: [About CITF](#) [Funding Scope](#) [Pre-Approved Lists](#) [Application](#) [Events and Support](#) [Contact us](#)

Pre-Approved Lists

Application to the Pre-Approved Lists

Home > Pre-Approved Lists

BIM Software

All

BIM Training Course

All

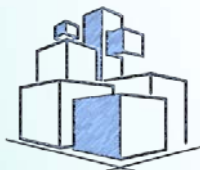
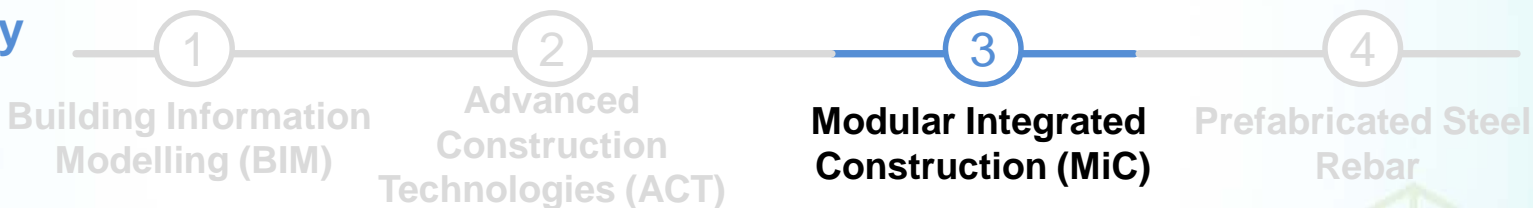
Technologies

All

1 **2** **3**

APPLY NOW

(A) Technology Adoption



Project Adoption

Funding Mode

Co-fund with 70% grant from CITF at maximum

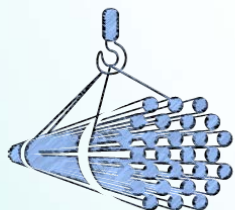
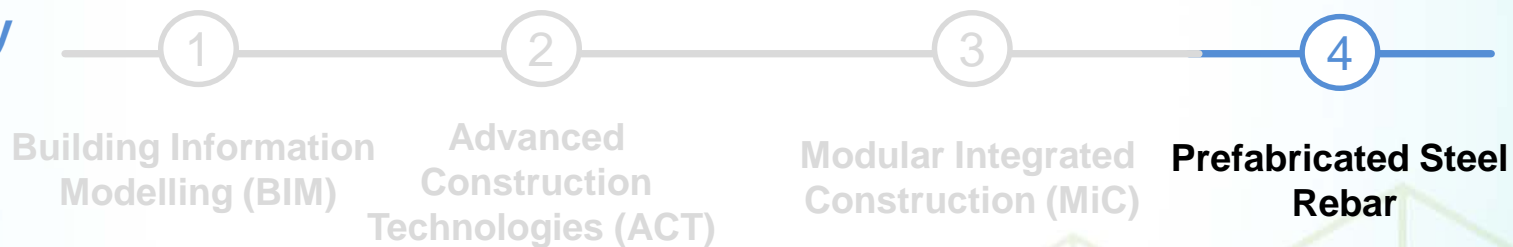
Funding Ceiling

1. Consultant
 - Support the Project Consultant to employ specialist MiC consultant – HK\$2,500,000 per applicant per project
2. Contractor
 - Purchase / rental to MiC specific construction plant – HK\$2,500,000 per applicant per project
 - Purchase / offsite production of MiC modules – HK\$5,000,000 per applicant per project

Remarks:

- Overall funding ceiling is HK\$7,500,000 per project (if the applicant is a contractor) / HK\$2,500,000 per project (if the applicant is a consultant)

(A) Technology Adoption



Project Adoption

Funding Mode	Cash rebate HK\$200/tonne
Funding Ceiling	HK\$3,000,000 per application per project

Manpower Development



**Non-local Enrichment
Courses for Students**



**Non-local Training /
Visits for
Practitioners**



**International
Conferences in HK**



**Local Collaborative
Courses**

Manpower Development - Eligibility



Local Higher
Education Institutions



Professional
Institutions



Trade
Associations



Labour Unions

Target Beneficiaries:



Professionals, Technicians,
Registered Skilled Workers,
Tertiary Students and
Academic Staff

Remarks:

For related enterprises, i.e. enterprises with different business registration certificates but having the **same individual(s) holding 30% or more ownership**, they would be **treated as one single enterprise** in counting the funding ceiling per company

(B) Manpower Development

5

Non-local Enrichment
Courses for Students

6

Non-local Training /
Visits for
Practitioners

7

International
Conferences in HK

8

Local Collaborative
Courses



Target beneficiaries

- Full time undergraduates / postgraduates in construction related disciplines

Eligible Applicants

Local higher education institutions

Funding Mode

Reimbursement

Funding Scope

- Training fees
- Accommodation and air passage for the duration of training
- **Logistical expenses (such as local transport at the visiting country/city)**
- Administration fees

Funding Ceiling

HK\$100,000 per student
(A student can only be supported once by the CITF for non-local course)

Remarks: Only HK permanent residents are eligible for funding supporting for courses or training outside HK

(B) Manpower Development

5

Non-local Enrichment
Courses for Students

6

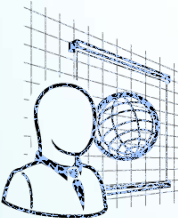
Non-local Training /
Visits for
Practitioners

7

International
Conferences in HK

8

Local Collaborative
Courses

	<p>Target beneficiaries</p> <ul style="list-style-type: none">• Professionals• Technicians• Registered Skilled Workers
Eligible Applicants	<ul style="list-style-type: none">• Local higher education institutions• Professional institutions• Trade associations• Unions
Funding Mode	Reimbursement
Funding Scope	<ul style="list-style-type: none">• Training fees• Logistical expenses (such as local transport at the visiting country/city)• Administration fees
Funding Ceiling	HK\$20,000 per person per course

Remarks: Only HK permanent residents are eligible for funding supporting for courses or training outside HK

(B) Manpower Development

5

Non-local Enrichment
Courses for Students

6

Non-local Training /
Visits for
Practitioners

7

International
Conferences in HK

8

Local Collaborative
Courses



Target beneficiaries

- Professionals
- Technicians
- Tertiary students
- Academic staff

Eligible Applicants

- Local higher education institutions
- Professional institutions
- Trade associations
- Unions

Funding Mode

Reimbursement

Funding Scope

- Costs of the venue
- Air passage and accommodation for speakers
- Administration fees for organising the event

Funding Ceiling

- **HK\$1,000,000** per conference

(B) Manpower Development

5

Non-local Enrichment
Courses for Students

6

Non-local Training /
Visits for
Practitioners

7

International
Conferences in HK

8

Local Collaborative
Courses



Target beneficiaries

- Professionals
- Technicians
- Registered Skilled Workers
- Tertiary students
- Academic staff

Eligible Applicants

- Local higher education institutions
- Professional institutions
- Trade associations
- Unions

Funding Mode

Reimbursement

Funding Scope

- Costs of the venue
- Air passage and accommodation for speakers
- Administration fees for organising the event

Funding Ceiling

- **HK\$300,000** per course

Application



Required Documents for Application

1. Business Registration (BR) Certificate
2. Latest Annual Return (NAR1)
3. One Bank Statement issued in the last 3 months
(showing the account holder's name and account number)

Application



Create an account at CITF
Application Portal via CITF website
www.citf.cic.hk



Read the User Guide and
prepare all required
documents



Complete and Submit
Online Application Form in
CITF Application Portal



Vet Application by the CIC



Notify application result
(**within 60 Calendar Days**)

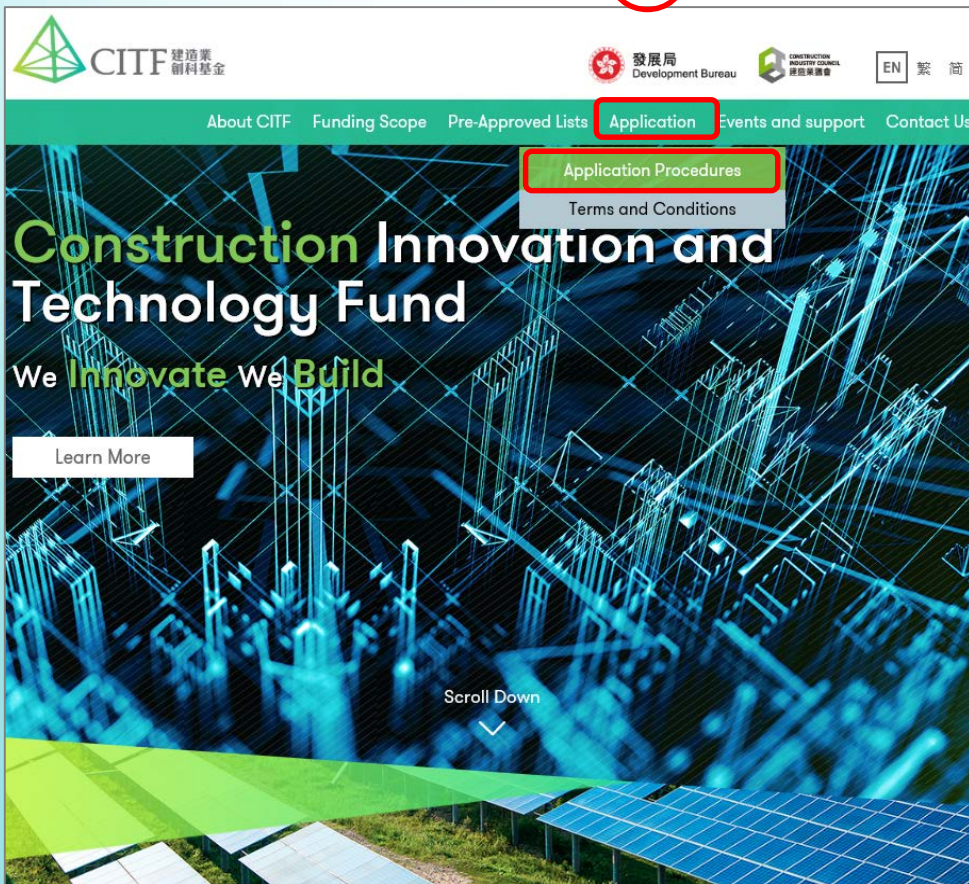


Report submission and fund
disbursement according to CITF
requirements

How to create an account at CITF Application Portal

Log in at CITF website www.citf.cic.hk

1



Home > Application

Application Procedures



01

Create an account at
CITF Application Portal via CITF
website www.citf.cic.hk



02

Read the
User Guide and prepare all
required documents



03

Complete and Submit Online
Application Form in CITF
Application Portal



04

Vet Application by the CIC



05

Notify application result

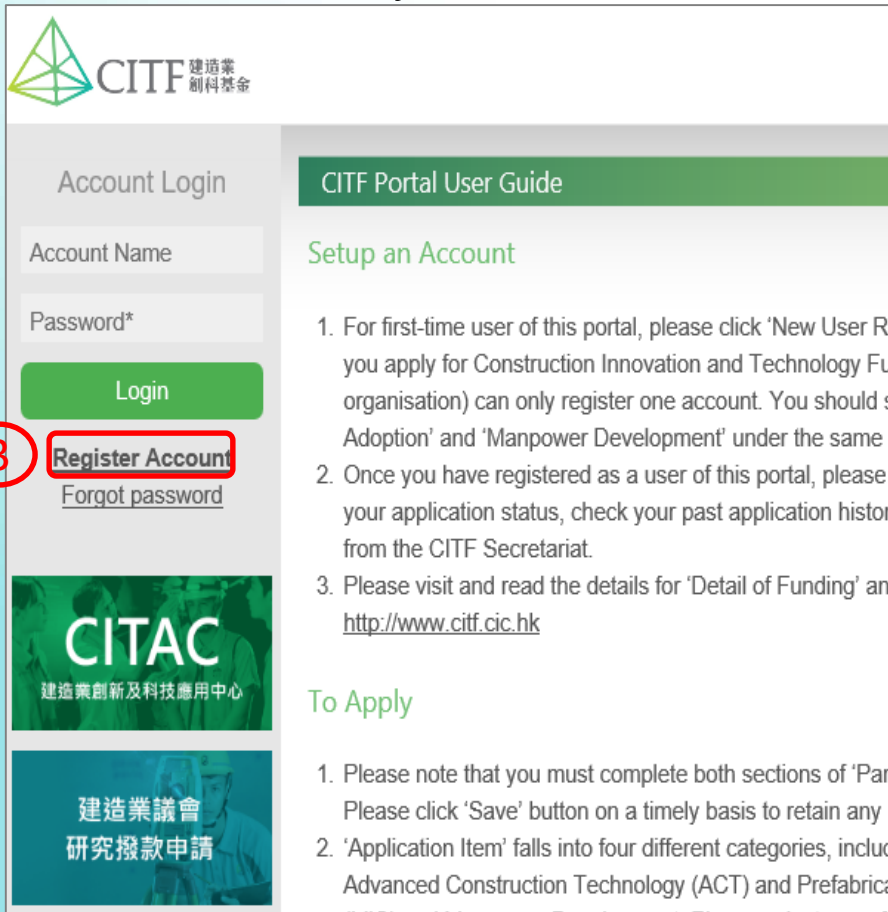


06

Report submission and fund
disbursement according to CITF
requirements

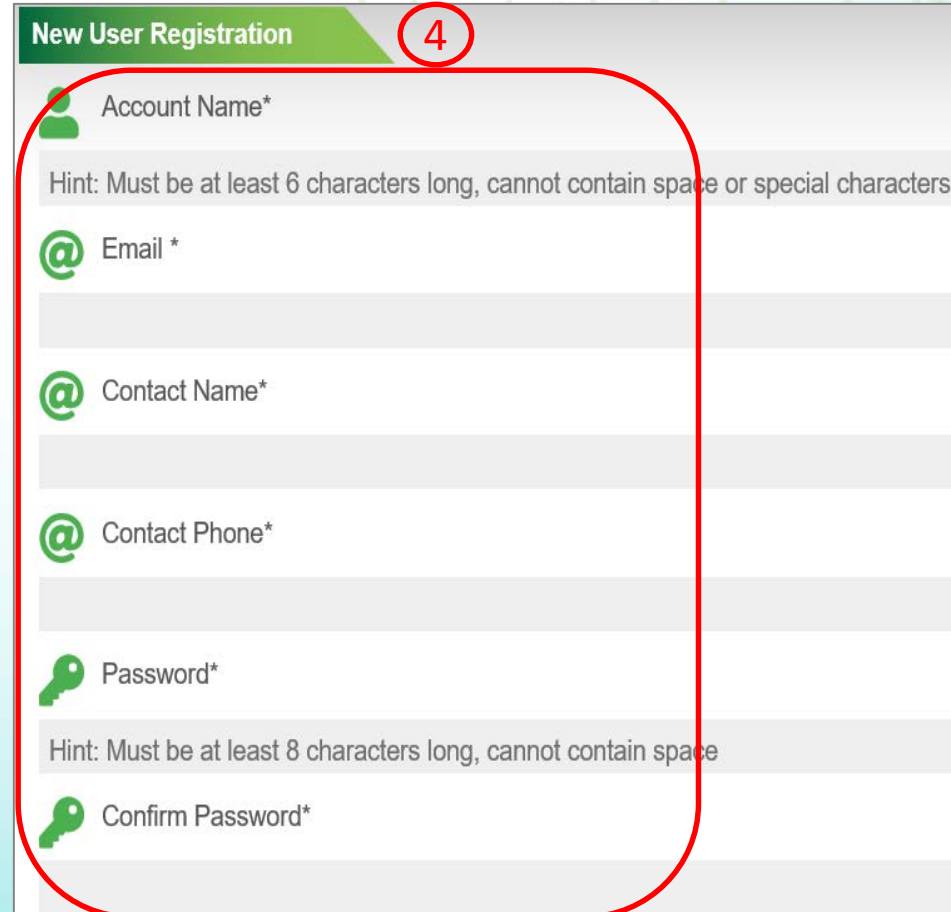
How to create an account at CITF Application Portal

Each applicant can register one account only



The image shows the CITF Portal User Guide. On the left, there is a sidebar with the CITF logo (a green triangle) and the text 'CITF 建造業創科基金'. Below the logo, there is a section for 'Account Login' with fields for 'Account Name' and 'Password*', a green 'Login' button, and a red box with the text 'Register Account' and a link for 'Forgot password'. Below this, there is a section for 'CITAC 建造業創新及科技應用中心' and a section for '建造業議會 研究撥款申請'. On the right, there is a section for 'CITF Portal User Guide' with a green header. Below the header, there is a section for 'Setup an Account' with a list of instructions: 1. For first-time user of this portal, please click 'New User R... you apply for Construction Innovation and Technology Fu... organisation) can only register one account. You should s... Adoption' and 'Manpower Development' under the same... 2. Once you have registered as a user of this portal, please... your application status, check your past application histor... from the CITF Secretariat. 3. Please visit and read the details for 'Detail of Funding' and... <http://www.citf.cic.hk>. Below the list, there is a section for 'To Apply' with a list of instructions: 1. Please note that you must complete both sections of 'Par... Please click 'Save' button on a timely basis to retain any i... 2. 'Application Item' falls into four different categories, includ... Advanced Construction Technology (ACT) and Prefabrica... (MCO) ...


Fill in the blanks to create an account



The image shows the 'New User Registration' form. It has a green header with the text 'New User Registration' and a red circle with the number '4'. The form contains the following fields: 'Account Name*' with a hint 'Must be at least 6 characters long, cannot contain space or special characters'; 'Email *'; 'Contact Name*'; 'Contact Phone*'; 'Password*' with a hint 'Must be at least 8 characters long, cannot contain space'; and 'Confirm Password*'. The form is enclosed in a red rounded rectangle.

How to apply

6

 **CITF** 建造業
創科基金

Account:
Email:
Logout

Account Info

5 Notices

My Applications

 **CITAC**
建造業創新及科技應用中心

CITF Portal User Guide

Setup an Account

1. For first-time user of this portal, please apply for Construction Innovation (organisation) can only register one account under 'Adoption' and 'Manpower Development'.
2. Once you have registered as a user, you can check your application status, check your profile from the CITF Secretariat.
3. Please visit and read the details for <http://www.citf.cic.hk>

To Apply

1. Please note that you must complete the application form. Please click 'Save' button on a timely basis.
2. 'Application Item' falls into four different categories:

In Review	Rejected	Completed	New Application
Type	Last Updated		

Select the type of application

Basic Information

Type of application

7

Please select the type of application (multiple selection)

You can apply for more than one item type at the same time. When submitting, the system will automatically copy multiple application forms.

I. Building Information Modelling (BIM)

II. Advanced Construction Technology


III. Modular Integrated Construction (MiC)


IV. Manpower Development (MPD)

V. Prefabricated Steel Rebar

Next


“Disbursement Request” Function


 **CITF** 建造業
創科基金



Status: All Draft In Review Approved Completed **New Application** 8

Applications	Status	Action
<u>A00000-B0000</u> Application Types: BIM Internal Application No.: 00000000 Last Updated: 2019-02-28 10:00:00	Approved	Action ▾

 **CITF** 建造業
創科基金



Status: All Draft In Review Approved Completed **New Application** 9

Applications	Status	Action
<u>A00000-B0000</u> Application Types: BIM Internal Application No.: 00000000 Last Updated: 2019-02-28 10:00:00	Approved	Action ▾ <ul style="list-style-type: none">Construction Project informationDisbursement Request

Required Documents for Disbursement

1. Quotation
2. Purchase order / Contract
3. Invoice
4. Delivery note / record
5. Receipt
6. Bank transfer record



BIM Training

Building Information Modelling (BIM)

Application Types

Please select the type of application (multiple selection)

1) BIM Training - Pre-approved List (Refer to CITF Website) ☒

2) BIM Training - In-house
BIM Training by External Trainer

3) Experiential Use of BIM
Technology


4) Adoption of BIM in Local
Projects

☒ Next

Fill in the corresponding information

Building Information Modelling (BIM)

BIM Training - Pre-approved List (Refer to CITF Website)

 Add

BIM Training 1

 Remove

Pre-approved BIM Training Course Code: * Name of the Course Provider: *
(Please refer to the Pre-approved List)

Target No. of Employees
Receiving this Training
Course : *

Course fee (per person)
(HKD): *

Total (HKD):

Upload Course Information including Course Fee

The above course provider is the sole provider of the above course. Only the course fee information provided by the said course provider could be provided.

Please drop your file here.

Experiential Use & Project Adoption

Building Information Modelling (BIM)

Application Types

Please select the type of application (multiple selection)

1) BIM Training - Pre-approved List (Refer to CITF Website)

2) BIM Training - In-house BIM Training by External Trainer

3) Experiential Use of BIM Technology

4) Adoption of BIM in Local Projects

✓ Next

Fill in the corresponding information

BIM Software – Pre-approved List, if applicable (Refer to CITF website):

 Add


Product 1

 Remove

Pre-approved Item Code: F Product Name: Advance Steel

Unit Costs (HKD): 14479 No. of units: 1 Total (HKD): 14479

Please upload quotations

 CITF_small3 [Delete]

- For aggregate value of which does not exceed HK\$50,000, please provide at least one quotation;
- For aggregate value of which is more than HK\$50,000 but not over HK\$200,000, please provide at least two quotations;
- For aggregate value of which is more than HK\$200,000, please provide at least three quotations.

Please drop your file here.

Construction Project Information

Construction Project information

 Add

Contract 1

 Remove

Contract No: Contracting Party A: Contracting Party B:

Contract Name: Location:

Project Description: * (250/250 words)

Contract Sum: (HKD)

Type of Project: Public ☐ Building ☐
HD - Building ☐

Contract Date: Start Date: 01-01-2019 End Date: 31-12-2019

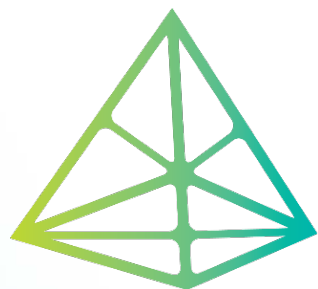
Technology/ Product Start Date: 01-01-2019 End Date: 31-12-2019
shall Apply:

Project Manager

Name: * Phone: * Email: *

Project Site Representative

Name: * Phone: * Email: *



CITF 建造業
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(852) 2100 9000



(852) 2100 9090



enquiry@cic.hk



<https://www.citf.cic.hk>

Thank You

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