

## Hong Kong Green Building Council Limited (HKGBC)

### Expansion of Product Categories of the CIC Green Product Certification Scheme Invitation for Expression of Interest (EOI)

#### Project background

The HKSAR Government has launched the Hong Kong's Climate Action Plan 2050+ in October 2021 to tackle climate change by setting out Hong Kong's new carbon emission reduction target for 2030 and 2050, and the concerted plans for meeting it. Using low carbon construction materials is one of the worldwide global actions under carbon neutrality target. In view of it, carbon emission aspect becomes crucial to our assessment criteria.

Both the Government and private sector are adopting green procurement policies and seeking low carbon and environmentally preferred materials, thus becoming an essential criterion in building and construction industry. Apart from this, with the comments received from stakeholders, experts and meetings with CIC and BSL in recent years, enrichment of low carbon building materials and product categories were recommended for the existing CIC Green Product Certification scheme.

The CIC Carbon Labelling Scheme and the HKGBC Green Product Accreditation and Standards (HK G-PASS) were merged in 2019, to form the current CIC Green Product Certification Scheme. This Scheme consist of two groups, namely **Construction Material** which assesses the embodied carbon of construction materials and **Building Product & Material** which assesses the various environmental impacts of building products or material. Both have their own assessment method and criteria. Detailed information of the CIC Green product certification scheme can be found on our web-site <http://cicgpc.hkgbc.org.hk/> and details of the two product groups can be found in our webpage as information

#### Construction Material

<http://cicgpc.hkgbc.org.hk/subpagex.php?serial=134> and

## **Building product and material**

<http://cicgpc.hkgbc.org.hk/subpagex.php?serial=140>.

### **Objectives**

This EOI is to invite professional organizations or academic institutions with relevant experiences and knowledge to express their interest to bid for the project as described in the later session.

CIC has the intention to expand the product category of two groups to cover more product types under both the **Construction Material** and **Building product and material** and this project is to carry out feasibility studies to identify if the market has a need and is also feasible for any new product or material to be incorporated into the **Construction Material** and **Building product and material** groups under the CIC Green Product Certification scheme and if any, which are the ones we should be developing under this contract.

### **Scope of work**

The scope of work will consist of two stages.

#### **Stage One**

To carry out a feasibility study to identify the opportunity of developing more product categories into the two current groups (**Construction Material** and **Building product and material**) under the CIC green product certification scheme.

The deliverable will be a feasibility study report which will consist, but not limited to:

- A list of potential products that is recommendable for consideration by HKGBC to be further developed as an additional product category under the two current groups. The list should be separated into **Construction Material** and **Building product and material**.
- A matrix for each proposed product that can indicate the various factors for justifying the priority of product/material recommended to be developed.

- A comparison between CIC's Green Product Certification with those in Mainland China and in other parts of the world in terms of product categories and assessment criteria.
- A summary of the recommendation by the tenderer.

The feasibility study should include:

- A market survey of the local green and low carbon product/material market both from the demand and supply side.
- The trend and practices of green or low carbon material and products in the local, mainland China and international market
- The feasibility of having the required product information for developing the recommended products and material under the two groups.

The Steering Committee members of the HKGBC will study the feasibility report and decide whether stage two work will be initiated and which product or material should be developed.

### **Stage Two**

The stage two will involve the developing of the products certification for the products that the committee has selected under either or both of the two groups.

The deliverable will include the assessment manual of the product categories which includes the necessary assessment criteria, the distribution of the credits etc.

### **Timeline**

#### **Stage One**

The feasibility report should be ready by mid-April 2023

#### **Stage Two**

The new product categories (not more than 4) should be operable before end 2024

### **Deliverables**

Interested consultants are invited to submit their EOI in undertaking this consultancy. The

submission shall include the following information in their EOI proposal of no more than **SIX (6) A4 pages**:

The submission should include the followings:

1. The organization and profile of the key members of your team including those of your partnering organizations
2. The relevant experiences of your organization:

The project will be steered and overseen by HKGBC Steering Committee members, with project management by the HKGBC Secretariat. The project will be conducted in 2 stage and is expected to be completed before end 2024 (Stage 1 to be completed by mid-April 2023 and Stage 2 to be completed by end 2024).

HKGBC reserves the right to edit any item of work subject to mutual agreement of both Parties.

### **Submission**

The EOI submission must be contained in a sealed envelope and delivered by mail or in person to the below address **on or before 6:00pm on 3 February 2023 (Friday)**.

**Expression of Interest for Expansion of Product  
Categories of the CIC Green Product Certification  
Scheme**

**Hong Kong Green Building Council Ltd.  
1/F Jockey Club Environmental Building  
77 Tat Chee Avenue Kowloon Tong**

Late submissions shall not be considered. In the event that a Typhoon Signal No. 8 or above or Black Rainstorm warning is hoisted on the closing date, the EOI submission closing date will be postponed to 6:00pm on the following working day.

This invitation for EOI does not constitute an invitation to offer nor does this document or any document made available pursuant to this invitation constitute any contract or agreement of any kind whatsoever with HKGBC. The HKGBC also reserves the right to cancel or terminate the process of EOI at any time and shall not be liable to any party for any loss or damage, cost or expenses as a result of such action.

**Enquiries**

Should you have any questions, please feel free to contact Mr Nick Ng at 3994 8840 (email: [nick.ng@hkgbc.org.hk](mailto:nick.ng@hkgbc.org.hk)) or Ms Ivy Lee at 3994 8816 (email: [hl.lee@hkgbc.org.hk](mailto:hl.lee@hkgbc.org.hk)).