

Centre for Construction IT (CCIT)
Level 10 Academic Tower,
200 Braddell Road,
Singapore 579700
Tel: 6248 9999
Did: 6730 4526
Fax: 6248 0558
Email: pong_oon_wei@bca.gov.sg

Our Ref: BIM-Awards-Org-2017-12

Date: 16 December 2016

Dear Sir/Madam

NOMINATION FOR BIM AWARDS 2017 - ORGANISATION CATEGORY

We are pleased to inform that the BIM Awards 2017 are open for registration.

2. The BCA Building Information Modelling (BIM) Awards - Organisation Category recognises outstanding organisations for going the extra mile in the BIM/VDC adoption at the organisation levels. The awards aim to:
 - i. Encourage organisations to adopt BIM/VDC technology and process in their organisations by building up their own BIM/VDC capability and capacity;
 - ii. Recognise organisations for their outstanding examples of BIM/VDC use in enhancing their own productivity.
3. The nomination of the awards must be made on the prescribed form and submitted together with the factsheet, 10pages project write-up and 2 number of A1 presentation panels mounted on A1 size 5mm thick compressed foam board and a softcopy containing
 - i. Nomination form including Organisation's declaration and factsheet in PDF format;
 - ii. Any other supporting documents or materials (e.g. Videos);
 - iii. Two number of A1 size presentation panel (200dpi);
 - iv. Three number of Federated BIM Models in native file format or IFC format
4. The closing date for the nomination is 20 January 2017.
5. Nomination form in word as attached and downloadable from bimsg.org/bim-awards/organisation/bim-awards-2017-organisation-category

Yours Sincerely,

Mr. Pong Woon Wei

Senior BIM Consultant

Centre for Construction IT (CCIT)

Built Environment Research & Innovation Institute (BERII)

Building and Construction Authority (BCA)

BCA

BIM Awards

- Organisation Category

2017



BUILDING AND CONSTRUCTION AUTHORITY

THE AWARDS

The **BCA Building Information Modelling (BIM) Awards - Organisation Category** recognises outstanding organisations for going the extra mile in the Building Information Modelling (BIM) and Virtual Design and Construction (VDC) adoption at the organisation levels. The awards aim to:

- i. Encourage organisations to adopt BIM/VDC technology and process in their organisations by building up their own BIM/VDC capability and capacity;
- ii. Recognise organisations for their outstanding examples of BIM/VDC use in enhancing their own productivity.

Winning projects will either receive a Platinum, a Gold^{Plus} or a Gold Award. The Awards are not competitive but standard based. An Award will only be conferred if a suitable entry is received. Several Awards may also be conferred in each category.

A Gold Award will be awarded to an organisation that has adopted good BIM/VDC policy and practices that will help to deliver BIM/VDC products/services consistently. A Platinum Award will only be conferred to an organisation that has displayed exemplary effort in building up his own BIM/VDC capability and other stakeholders' BIM/VDC capability effectively and innovatively.

Previous award winners can still participate but will only be awarded with higher grade or no award. The award validity period is only three years from the year awarded, as stated in the certificate.

ASSESSMENT

Organisations submissions will be assessed by an Assessment Panel appointed by the Building and Construction Authority.

The organisation will be assessed based on the following criteria:

- i. Commitment of Organisational Management in building BIM/VDC Capability.
- ii. Organisational BIM/VDC Policy, Standard and Process.
- iii. Organisational BIM/VDC training plan and desirable outcome. Percentage of staff trained in BIM/VDC.
- iv. Percentage of projects undertaken by organisation done in BIM/VDC for the past 2 years. The extent of BIM/VDC usage for each project. The key benefits and learning points for each project.
- v. Organisation to nominate 3 projects to be submitted for evaluation. The federated BIM models for the 3 nominated projects are to be submitted for CCIT's verification. The verification will be based on the Quality, Complexity and Size.
- vi. Innovative use of BIM/VDC (on both process and technological aspects) introduced.
- vii. Identify areas of transformation that the organisation plans to introduce to improve industry productivity.

Applicants are to provide documentary proof for the above. They should demonstrate a supportive and progressive use of BIM/VDC in the organisation in a systematic way over the past 2 years in their submission.

The decision of the Assessment Panel shall be final. The discretion of the Assessment Panel to confer or withhold an award is absolute. No appeal regarding the Assessment Panel's decisions will be entertained.

ELIGIBILITY

Applicants for the BIM Award must meet the following eligibility criteria:

1. The applicant must be a Singapore-registered business enterprise directly contributing to the construction industry GDP.
2. The applicant can be from one or more of the following discipline:
 - a. Developer
 - b. Architect
 - c. Civil & Structural Consultant
 - d. Mechanical & Electrical Consultant
 - e. Quantity Surveyor
 - f. Land Surveyor
 - g. Main Contractor
 - h. Specialist or Subcontractor
 - i. Project Manager
3. Application is open to all organisations, including previous Gold^{Plus} or Gold Award winners.

SUBMISSION PROCEDURE

Entries for the awards must be submitted using the prescribed nomination form.

The procedure for entry comprises three stages:

Stage 1 (Submission)

The proposing firm makes a nomination using the prescribed form. Other materials which **MUST** be included in the submission are:

1. An organisation factsheet in print and digital format (PDF). Please fill up the attached factsheet template.
2. A submission write-up in ten-page length in print and digital format (PDF). Please refer to the attached guide for the write-up.
3. 2nos of A1 size presentation panel to be submitted both in softcopies (jpeg in 200dpi) and hardcopies mounted on A1 size 5mm thick compressed foam board. Panel 1 should emphasize on the vision, mission, goals, targets, people and process, standards while Panel 2 should demonstrate the method and technologies, innovative uses, quantified output and outcomes adopted in the organisation.
4. Additional materials (e.g. images, videos, slides) or documents in digital format may also be submitted.
5. Federated BIM Models to be submitted, in native file format or Industry Foundation Class (IFC) format.
6. Please include all completed forms into the submission.

The nomination form, submission write-up, and all other materials or documents must reach the secretariat of the Assessment Panel **NOT LATER THAN 20 January 2017, 3.00pm.**

Special Notes

- Please submit the nomination form along with the attached checklist with hardcopies and softcopies.
- Incomplete submission will not be accepted.

Stage 2 (Presentation)

Shortlisted organisations will be notified by email and shall make a presentation to the Assessment Panel on the **3 Mar 2017**. The Assessment Panel will interview the organisation representatives to clarify the submission write-up as well as other details and aspects related to the submission.

SUBMISSION PROCEDURE (Con't)

Stage 3 (Validation)

Selected potential Platinum winners will be notified for office or site visits by the assessment panel members for validation on the following **10 March 2017**.

The Assessment Panel will have at its discretion the right to reject any entry which has incomplete documentation or which fails to comply with the above requirements at any stage of the competition.

TERMS AND CONDITIONS

The Intellectual Property (IP) of all submissions will belong to the author. The BCA reserves the right to use any material submitted in connection with the entries in any way deemed fit, without payment of fees or royalties, and regardless of the results of the Award. This includes, but is not limited to, the publication and/or exhibition of photographs, materials and/or names.

Award recipients are required to share information on their successful projects with the construction industry. This sharing of information may take the form of presentations, seminars, exhibitions and/or the hosting of company visits.

The Assessment Panel reserves the right to defer judgment on any shortlisted project if at any time during the assessment process, any development or incident arises concerning any party linked to the project, which is likely to result in adverse publicity to the Awards, the BCA and/or the construction industry. The duration of any such deferment shall be at the sole discretion of the Assessment Panel.

The BCA reserves the right to withdraw or withhold any award, if in the opinion of the BCA, the conferment of such award might result in any adverse publicity to the Awards, the BCA and/or the construction industry, because of any development or incident concerning any party linked to the recommended award winning project. The duration and extent of any such withdrawal or withholding shall be at the sole discretion of the BCA.

ANNOUNCEMENT OF RESULTS

Results will be informed through email in April 2017. All enquiries concerning entries for the BCA BIM AWARDS – ORGANISATION CATEGORY 2017 should be addressed to:

The Secretariat

BCA BIM Awards – Organisation Category

Centre for Construction IT (CCIT)

BCA Academy

Academic Tower Level 10

200 Braddell Road

Singapore 579700.

Attention:

Mr PONG Woon Wei / Mr Jusuf Anggono

Email: PONG_Woon_Wei@bca.gov.sg / jusuf_anggono@bca.gov.sg

Tel: 6730 4526 / 6248 9982

The Awards will be presented in the BCA Awards ceremony 2017.

CHECKLIST FOR SUBMISSION

BCA BIM Awards – Organisation Category 2017

Organisation Name: _____

Please check by ticking:

- The following printed documents are enclosed:

Checklist

Nomination form, duly completed and signed

Organisation factsheet, duly completed

Submission write up

2nos of presentation panels mounted on A1 size 5mm thick compressed foam board

- A copy of DVD-ROM with the following contents is enclosed:

Nomination form including Organisation's declaration and factsheet in PDF format

Submission write-up in PDF format

Any other supporting documents or materials (e.g. Videos)

2nos of A1 size presentation panel (200dpi)

3nos of Federated BIM Models in native file format or IFC format

NOMINATION FORM

This set of Nomination Form is to be completed and returned **not later than 20 January 2017, 3.00pm** to:

The Secretariat
BCA BIM Awards – Organisation Category
Centre for Construction IT (CCIT)
BCA Academy
200 Braddell Road
Singapore 579700

DECLARATION

We have read and understood the Nomination Form and we wish to apply for the BCA BIM Awards – Organisation Category 2017. We declare that the information provided in the Nomination Form is correct to the best of our knowledge.

1. Organisation Name _____
2. Organisation Address _____
3. Contact Person# _____
4. Contact Number (O) _____ (HP) _____
5. Email Address _____

Signature

Official Stamp

Note:

#This person should be involved in the development or introduction of the submission and is familiar with the details in this submission. He/She shall be the liaison person for this nomination.

FACTSHEET

Organisation: _____

1. Any BIM/VDC committee/team in your organisation who is overseeing BIM/VDC adoption? Yes/No

If yes, please fill in the following information:

Name	Designation	Roles and Responsibilities
<i>Ex. John</i>	<i>Design Director</i>	<ul style="list-style-type: none"> • <i>Provide strategic BIM adoption direction</i>

2. Any BIM/VDC Policy/Goals and Standard introduced/developed to accelerate BIM adoption in your organisation? Yes/No

If yes, please fill in the following information:

BIM/VDC Policy/Goals	When was the policy introduced?
<i>Ex. To train all draftsmen, architects, including senior management in BIM by 2015</i>	<i>Oct 2013</i>

BIM/VDC Standard/Template	Since when the standard/template was used?	When was the last update of the standard/template?
<i>Ex. Revit Project Template for all HDB project</i>	<i>June 2013</i>	<i>April 2015</i>

3. Any in-house BIM/VDC training programme? Yes/No

If yes, please fill in the following information:

Name of training programme	Who attended this training programme	Brief syllabus of the training programme
<i>Ex. Design Review</i>	<i>architects</i>	<ul style="list-style-type: none"> • <i>Navigating the BIM model</i> • <i>Reviewing and commenting the BIM model</i>

4. Please provide the following information on the current status of staff trained in BIM/VDC for your organisation:

Personnel Type	% have been trained in BIM/VDC
<i>Ex. Draftsmen</i>	<i>20% (20 out of 100)</i>

Current status of staff BIM/VDC competency:

Personnel Type	Number of staff at the		
	Basic Level (involved in up to 2 projects in BIM/VDC)	Intermediate Level (involved in 3-4 projects in BIM/VDC)	Advanced Level (involved in more than 4 projects in BIM/VDC)
<i>Ex. Draftsmen</i>	<i>10</i>	<i>5</i>	<i>5</i>

5. Please provide the following information on the current status of project done in BIM/VDC:

Period of Awarded Projects	% Projects done in BIM/VDC
1 November 2014 – 30 October 2016	<i>Ex. 50% (10 out of 20)</i>

Please provide the following information on project done in BIM/VDC for the past 2 years (or 3 years, if any)

Date of Awarded Projects	Name of the Project	Total GFA	BIM/VDC Applications
<i>Ex. Sep 2014</i>	<i>Mixed Development at Braddell Road</i>	<i>25,000 sqm</i>	<i>E-Submission, Design Review, Code Compliance checking</i>

If any, you may also include project that was not awarded to your organisation but still done in BIM/VDC (e.g. during design competition stage or tender stage). In this case, please write "NIL" on the *Date of Awarded Projects* column.

GUIDELINES FOR THE SUBMISSION WRITE-UP

A write-up MUST be submitted using the guidelines below:

I. Organisation Description

This section defines organisation's vision and mission and how Building Information Modelling (BIM) / Virtual Design and Construction (VDC) could enhance that vision. It should also describe the goals of using BIM and how to measure the achievements of these goals with their targeted timeframes.

II. Organisation BIM/VDC Roadmap

This section describes the organisation's commitment in building BIM/VDC capability (e.g. organisation's BIM/VDC Roadmap on how to build up BIM/VDC competency at the organisational level). Entries shall include organisation's policy on BIM, BIM standard and typical BIM-based process workflow in comparison with the traditional workflow. BIM competency map and training roadmap shall be discussed as well.

III. Innovative Use of Building Information Modelling (BIM) / Virtual Design and Construction (VDC) in the Organisation

This section showcases the BIM/VDC projects undertaken by organisation to date. Entries shall include the extent of BIM usage, the key benefits, and learning points for each project. Innovative use of BIM/VDC on both technological and process aspects should be elaborated as well. Value engineering principle could be used for getting more value of the money spent in a BIM/VDC product or process.

IV. Why organisation deserves an award

This section describes the most important productivity gain adopting BIM/VDC in the organisation and how these were quantified and compared with typical results. Efforts to help other organisations to adopt BIM/VDC could be discussed as well.

V. Conclusion

This section shall include organisations future plans to improve industry productivity.

Appendices (if any)