About the BCA Integrated Digital Delivery Awards

The objectives of the BCA Integrated Digital Delivery (IDD) Awards 2021 are to:

a. Recognise firms and projects for their outstanding IDD adoption and project teams' efforts;
b. Demonstrate IDD values and good practices at firm level and project level; and
c. Encourage more firms and projects to adopt IDD

2   The BCA Integrated Digital Delivery (IDD) Awards are grouped into Firm and Project categories, with each category having three tiers:

- Platinum
- Gold^{PLUS}
- Gold

Firm Category

3   For the firm category, the objectives of the award are to:

a. Encourage firms to adopt IDD framework, technology and processes by establishing their own IDD value propositions, policies, standards, organisation committee with clear roles & responsibilities and training roadmap.

b. Recognise firms for their outstanding approaches in adopting IDD technologies, methods & processes across the projects in their firm.

4   The three assessment criteria for Firm category are as follows:

a. Value and Culture

   i.   Well defined value propositions and roadmap for IDD adoption

   ii.   Well documented IDD policies, standards & best practices

   iii.   Well structured efforts & programmes to build internal IDD culture

b. Organisation and People

   i.   Well organised Senior-Management-led IDD Committee with clear roles & responsibilities to drive IDD adoption to all levels

   ii.   Well implemented Skills Framework & Development Programme to build IDD capability

   iii.   Well demonstrated measurable outcomes from its Skills Development Programme

   iv.   Well demonstrated IDD capacity and capability at firm level

c. Technologies and Research & Innovations (R&I)

   i.   Well demonstrated adoption of data-driven and collaborative environment for better outcomes over the past 3 years

    ii.   Well demonstrated adoption of new technologies and methods for better process or outcome

    iii.   Well documented outcomes and involvement in R&I projects for its impact, scalable and innovative solutions compared with conventional practices

Project Category

4   For the project category, the objectives of the award are to:

    a. Encourage project teams to streamlining work processes and connecting stakeholders through digital data, innovation and technology across the whole project life cycle from design, construction, fabrication, to facilities management to deliver a better outcome for end users.

    b. Recognise project teams for their outstanding examples of IDD use cases, to adopt new technologies, methods, processes and skillsets for their own targeted key performance indicators (KPIs) set from the start, development, delivery to final operational stage of the project, for cross-disciplinary, cross-phases integration and productivity gains.

5   The three assessment criteria for Project category are:

    a. IDD Project Overview

       i.   Well defined value propositions and execution plan for IDD project

       ii.   Well defined IDD project requirements, process, standards & best practices

       iii.   Well structured IDD project Team, & communication channel

    b. IDD Areas & Integration

       i.   Well demonstrated value chain integration from design to asset management of the four IDD areas:

         • Digital Design

         • Digital Fabrication

         • Digital Construction

         • Digital Asset Delivery and Management

    c. Outcomes & Comparisons

       i.   Well demonstrated adoption of new technologies and methods for better process or outcomes

       ii.   Well documented comparisons of measurable key performance Indexes of IDD with conventional approach, e.g. cost, time, manpower, resources, quality, productivity comparisons