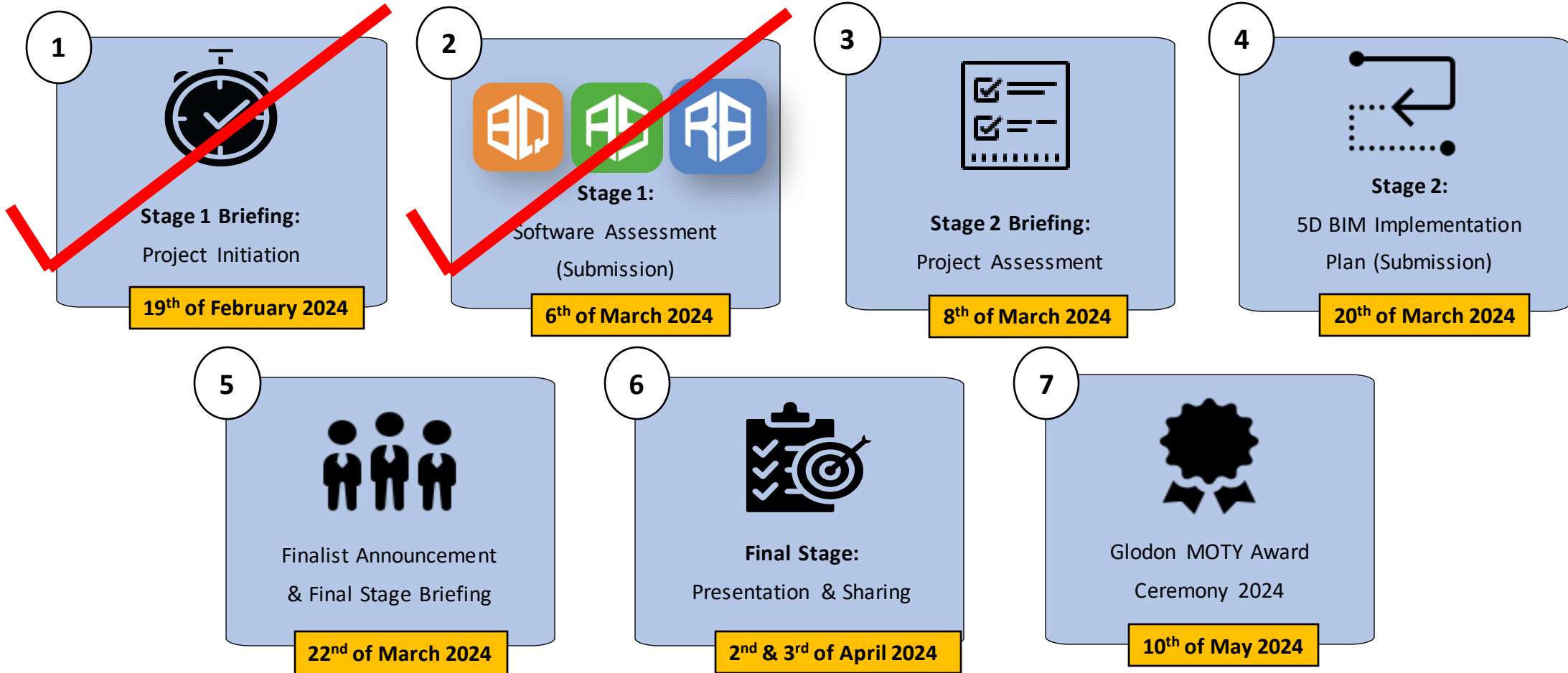


GLODON 5D BIM MOTY AWARD 2024

STAGE 2 BRIEFING

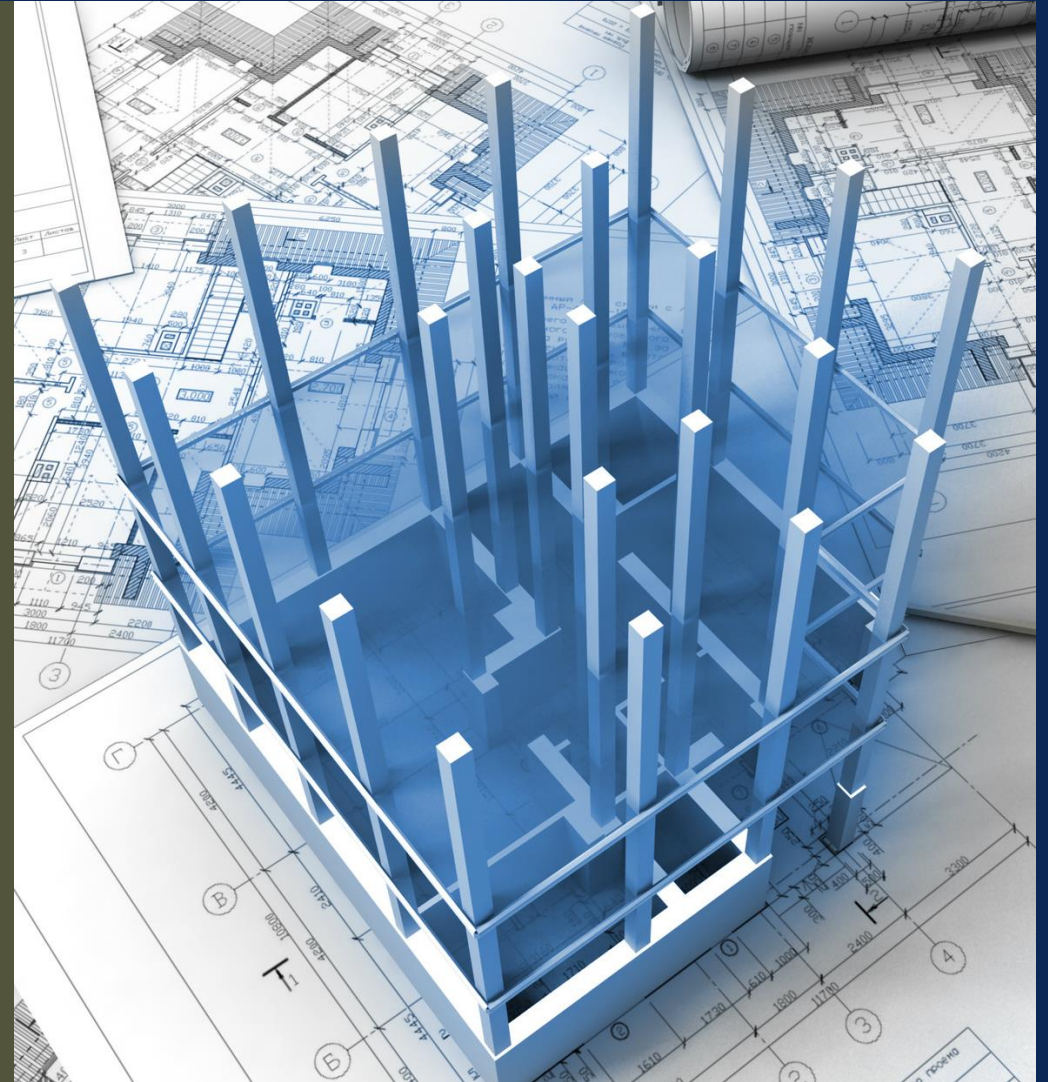
CONTEST TIMELINE



STAGE 2 TASK

INSTRUCTIONS

- Enroll 5D BIM Implementation Course
- Based on the 5D BIM Implementation Strategy learning and your experience, generate your possible 5D BIM Implementation using the template given.



BIM IMPLEMENTATION PLAN

A BIM implementation plan is a **comprehensive document** that helps the company with identifying all the **various benefits** that come with implementing BIM in the **different project phases**.

Why do we need a BIM Implementation Plan?

An excellent project guide for new team members.

A better tailored BIM Implementation process, suited to the team and the characteristics of the project.

It gives an opportunity to easily assess the necessary technical infrastructure.

It gives a view on the type of knowledge needed by the team to implement BIM.

Facilitates planning regarding needed trainings for the implementation team.

It defines clearly BIM implementation goals; hence it is easier for team to achieve them.

Establish 5D BIM Implementation Plan

- 1** Identify the 5D BIM Uses & Expected 5D BIM Outcome

Identify your 5D BIM use in the construction phases and the expected outcome from the BIM tools based on the company principles.
- 2** Select the appropriate software

Choose the BIM software that best suits your company/project needs.
- 3** 5D Data Requirements & Data Input

Determine what data is required to integrate to the new tools used. This includes information about materials, labour, equipment, and other project costs based on company practice.
- 4** Develop Data Management Plan

Establish protocols for collecting, organizing, and managing the data required for cost estimating. This may involve creating a centralized database or using cloud-based storage.
- 5** Completion of Pilot Project

Create a project model based on the project details using the 5D BIM tool. The project output should include with all necessary 5D quantification & costing info.
- 6** Design the 5D BIM Project Execution Process

Develop a process which includes tasks & people involved in the 5D BIM project along with project setup guidelines using the 5D BIM tools.

5D BIM IMPLEMENTATION PLAN

Question	Explanation	Example	Answer
Identify the 5D BIM Uses & Expected 5D BIM Outcome	Identify your 5D BIM use in the construction phases and the expected outcome from the BIM tools based on the company principles.	<ul style="list-style-type: none"> -Pre-contract, post-contract stage use - Output results expected - Current workflow to digitalise 	
Select the appropriate BIM Tools software and hardware	Choose the BIM software that best suits your company/project needs.	<ul style="list-style-type: none"> - BIM Project requirement - Based on company requirement, budget and preference - Shortlist/analyse software with strength - Software learning 	
5D Data Requirements & Data Input	Determine what data is required to integrate to the new tools used. This includes information about materials, labor, equipment, and other project costs based on company practice.	<ul style="list-style-type: none"> - QTO data needed - Costing data - Tendering method and flow 	
Develop Data Management Plan	Establish protocols for collecting, organizing, and managing the data required for cost estimating. This may involve creating a centralized database or using cloud-based storage.	<ul style="list-style-type: none"> - Develop infrastructure and centralised database to store data 	
Completion of Pilot Project	Create a project model based on the project details using the 5D BIM tool. The project output should include with all necessary 5D quantification & costing info.	<ul style="list-style-type: none"> - Identify the team - Pilot testing based on real project - Set a timeline - Analyse results based on certain dimension 	
Design the 5D BIM Project Execution Process	Develop a process which includes tasks & people involved in the 5D BIM project along with project setup guidelines using the 5D BIM tools.	<ul style="list-style-type: none"> - Define roles & responsibility - Explain each process involved and all the deliverables needed based on project scope (Project naming, Mega project management) 	

Submission Deadline

20th of March 2024
(Wednesday)

Judge List



JABATAN KERJA RAYA MALAYSIA



PERTUBUHAN BIM MALAYSIA



HSS ENGINEERS BHD



ARUP INTERNATIONAL



GLODON COMPANY LIMITED



Judge List



CIDB MALAYSIA



UNIVERSITI MALAYA PAHANG



HSS ENGINEERS BHD



ARUP INTERNATIONAL



GLODON COMPANY LIMITED



Judge List



JABATAN KERJA RAYA MALAYSIA



PERTUBUHAN BIM MALAYSIA



GLODON COMPANY LIMITED

5D BIM AWARD 2024

Model Of The Year



Shaping the Future: Advancing Your BIM Implementation with 5D BIM tools

Date/Time: 13th Mar 2024 | 3:00pm - 4:00pm

ZOOM ID: 890 4044 0676

Passcode: 711866



Speaker

Ts. Sam Tan
Regional Service
Manager

SCAN ME



COLLABORATIONS



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THANK YOU 😊