

# 2025 GLODON BIM CONTEST

# CONTENT



# GLODON BIM CONTEST 2025

This year, Glodon is organizing a BIM competition at the local level, with two distinct categories: **Contractors** and **Consultants**. Each category will go through 2 stages and cater to tasks tailored to the unique requirements and challenges of the respective roles. The competition is designed to highlight the practical application of Building Information Modeling (BIM) in the industry, promoting innovation and enhancing proficiency. Participants will have the opportunity to demonstrate their expertise in BIM, with a focus on improving project execution for contractors and design and planning processes for consultants.

# CAT 1 CONSULTANT

# TIMELINE



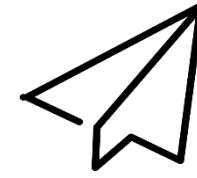
**Open Registration**  
(Pre-Requisite Model to be submitted)

13 January - 20 February 2025



**Stage 1 Briefing**

25 February 2025



**Stage 1 Submission**

21 March 2025



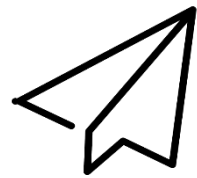
**Award Day**

May 2025



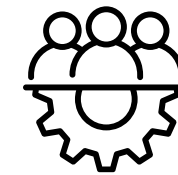
**Stage 2 Briefing**

28 March 2025



**Stage 2 Submission**

22 April 2025



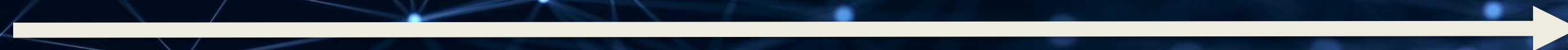
**Final Briefing**

25 April 2025



**Final Presentation**

May 2025



# PRE-REQUISITE REQUIREMENT

1. **Project Size:** The project must have a Gross Floor Area (GFA) of at least 10,000 m<sup>2</sup>.
2. **Project Timeline:** Projects completed between 2020 and 2025 are eligible for entry. Ongoing projects are also allowed to participate.
3. **Cubicost Solutions:** The use of TAS/TRB in the project is mandatory, and participants must demonstrate its application.
4. **Submission Approval:** All submitted models and supporting documents must have formal approval from the participating company.
5. **Team Structure:** A company may submit multiple projects, with each team consisting of a maximum of 3 participants.

# How to Register?

1. Go to [Glodon Teachable Platform](#).
2. Fill in Google Form.
3. Upon completing your registration, kindly wait for the confirmation email to verify a successful submission.

# TASK

Stage	Objective	Key Tasks	Scope of Works
<b>Stage 1: Pre-Contract</b>	Preparation of BQ and M&E models for cost estimation and project planning.	<ol style="list-style-type: none"> <li><b>Prepare Bill of Quantities (BQ):</b> - Include items from Foundation to Roof Covering. - Link quantities from TAS to TBQ.</li> <li><b>Prepare Pre-Tender Estimate (PTE):</b> - Create Build-Up Rate (BUR) for cost estimation. - Link base rates to unit rates for cost calculations.</li> <li><b>Measure and Model M&amp;E Drawings:</b> - Use provided M&amp;E drawings for measurement. - Create M&amp;E BQ using TBQC.</li> </ol>	<ul style="list-style-type: none"> <li>- Create BQ and link to TAS for accurate quantity and rate calculations.</li> <li>- Define Trade Code and Element Code for analysis.</li> <li>- Measure M&amp;E elements using TMEC and create corresponding BQ.</li> </ul>
<b>Stage 2: Post-Contract</b>	Progress claim certification and site measurement verification.	<ol style="list-style-type: none"> <li><b>Certify Progress Claim No. 1:</b> - Assess contractor's progress claims against actual site work completion.</li> <li><b>Claim Scenarios:</b> - Foundation Level: 100% work done. - Column Above Foundation: 100% claimed, but 10 columns incomplete on-site. - Beam &amp; Slab Above Foundation: 100% claimed, but only 65% work done on-site. - Walls Above Foundation: 100% claimed for concrete and formwork, but only formwork completed on-site. - Finishes Above Foundation: 50% claimed, no work done on-site.</li> </ol>	<ol style="list-style-type: none"> <li>1. Use Progress Claim - By Quantity Mode in TBQ: <ul style="list-style-type: none"> <li>- Link work done quantity from TAS to TBQ.</li> </ul> </li> <li>2. Use Segmentation Function: <ul style="list-style-type: none"> <li>- Set associated segmentation to track work done.</li> <li>- Define work done for accurate progress assessment.</li> </ul> </li> </ol>



# DETAILED TASK

Stage	Task	Aim	Preparation	Requirements	Outcome
Stage 1: Pre-Contract	Prepare Bill of Quantities (BQ)	Create accurate BQ for cost estimation and planning.	Use TAS & TBQ software to link the qty.	<ul style="list-style-type: none"> <li>- Include items from Foundation to Roof Covering.</li> <li>- Link quantities from TAS to TBQ.</li> </ul>	Accurate linking of quantities and preparation of BQ for effective project planning.
	Prepare Pre-Tender Estimate (PTE)	Develop Build-Up Rates (BUR) for cost estimation.	Company Price Library	<ul style="list-style-type: none"> <li>- Create BUR for cost estimation.</li> <li>- Link base rates to unit rates for cost calculations.</li> </ul>	Detailed cost estimates with precise unit rates for accurate financial planning.
	Measure and Model M&E Drawings	Model and measure M&E elements for quantity and cost planning.	Use provided M&E drawings to take off using TME software.	<ul style="list-style-type: none"> <li>- Measure M&amp;E elements.</li> <li>- Create M&amp;E BQ using TBQC.</li> </ul>	M&E BQ created for accurate cost estimation and integrated with the overall project planning.
Stage 2: Post-Contract	Certify Progress Claim No. 1	Assess and validate contractor progress claims against actual site work.	Use TBQ (Progress Claim) Mode	<ul style="list-style-type: none"> <li>- Evaluate work done based on scenarios provided.</li> <li>- Use Progress Claim - By Quantity Mode in TBQ.</li> </ul>	Accurate certification of progress claims and validation of on-site work.
	Use Segmentation Function	Track and define completed work for precise progress claims and assessments.	No specific preparation required.	<ul style="list-style-type: none"> <li>- Set associated segmentation to track work done.</li> <li>- Define work done for accurate progress assessment.</li> </ul>	Enhanced tracking and reporting of progress, ensuring claims reflect actual project status.

# PRIZE

**CHAMPION**



**RM 5,000.00**  
Cubicost License  
TBC

**1ST RUNNER-UP**



**RM 3,000.00**  
Cubicost License  
TBC

**2ND RUNNER-UP**



**RM 1,000.00**  
Cubicost License  
TBC

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