

GLODON 5D BIM MOTY AWARD 2024

STAGE 1 BRIEFING

CAT1 & CAT2



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Glodon 5D
BIM MOTY
Award 2024

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GLODON 5D BIM MOTY AWARD 2024

This event is a key initiative by Glodon Malaysia, focused on fostering and advancing the application of 5D BIM in the field of Building Information Modelling (BIM).

This competition aims to elevate the status of skilled users and promote their expertise. By offering a platform for participating companies to showcase their capabilities, we believe it will effectively bridge industry gaps, fostering easier collaboration, sharing, and connections among stakeholders

CONTEST CATEGORY

CAT 1

BIM Visionary Award

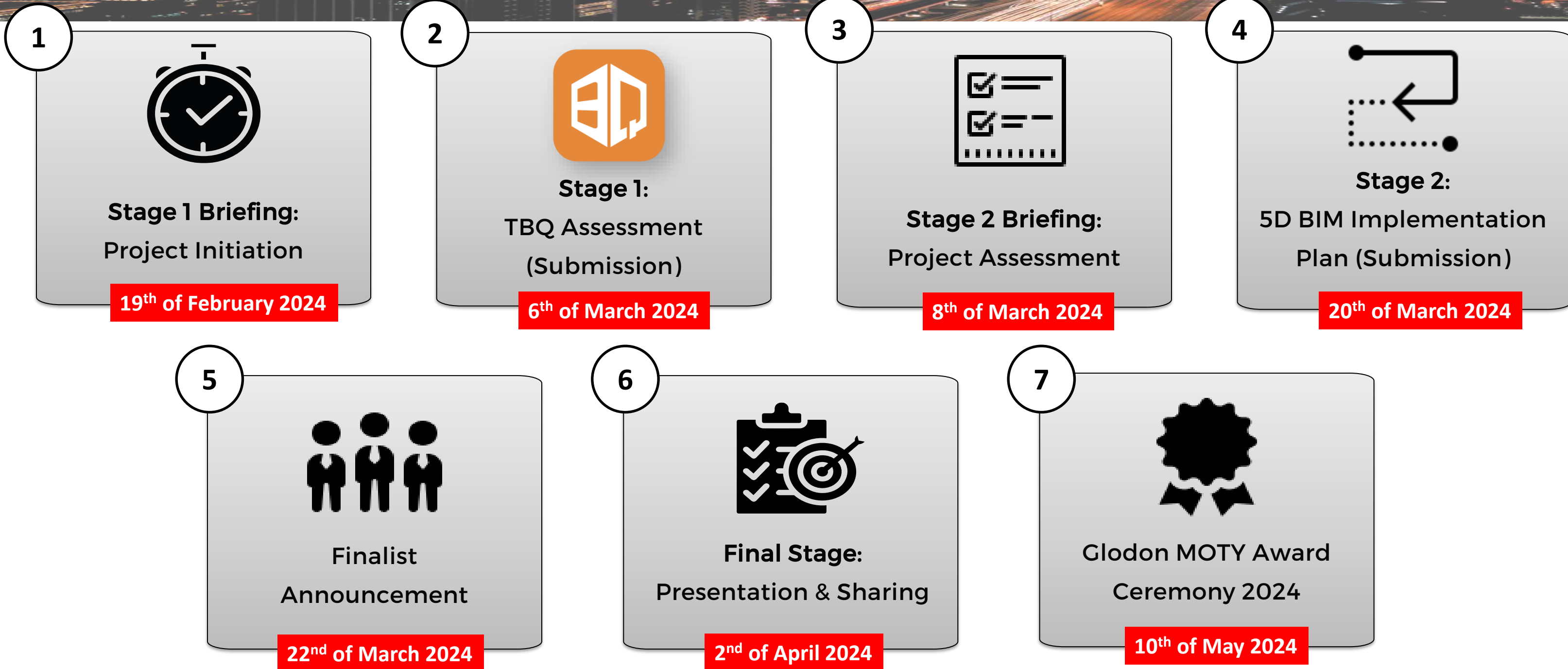
This award celebrates QS Consultant Companies leading in Digital Transformation through Building Information Modeling (BIM). They excel in enhancing productivity, cost management, and project workflows with technology and able to present their project model, demonstrating their innovative use of BIM and steadfast commitment to excellence.

CAT 2

BIM Titan Award

This award specifically honors Contractors' commitment to Digital Transformation, as they integrate Building Information Modeling (BIM) for end-to-end project delivery. Recognizing achievements in elevated productivity, improved cost management, and streamlined project workflows, this accolade underscores the substantial contractors' effective use of technology.

CONTEST TIMELINE



CAT 1 - BIM VISIONARY AWARD

PROJECT ENTRY REQUIREMENT

1. GFA minimum 10,000m²
2. Project completed from 2019 - 2024 (ongoing projects are allowed to enter)
3. Cubicost solutions (TAS/TRB) are used in the project.
4. Submission of model and supporting documents must be approved by company.
5. One company can submit more than 1 project, max 3 pax/team
6. Higher points are given to participants who can demonstrate Cubicost usage in project implementation

STAGE 01

After submission of TAS model/project file, Stage 1 Assessment begins.

Dear Consultants,

We invite you to participate in our bidding process to prepare Bills of Quantities (BQ) using the BIM model developed by our team for the following project:

“CADANGAN MEMBINA SEBUAH BANGUNAN WAREHOUSE 1 TINGKAT DENGAN 1 ARAS SEPARA BESMEN TEMPAT LETAK KERETA DI ATAS LOT 12345, JALAN PJU 8/3, MUTIARA DAMANSARA, MUKIM SUNGAI BULOH, DAERAH PETALING, SELANGOR DARUL EHSAN UNTUK TETUAN JJS TRIO LAND SDN BHD”

Task 1: Organizing BQ Descriptions

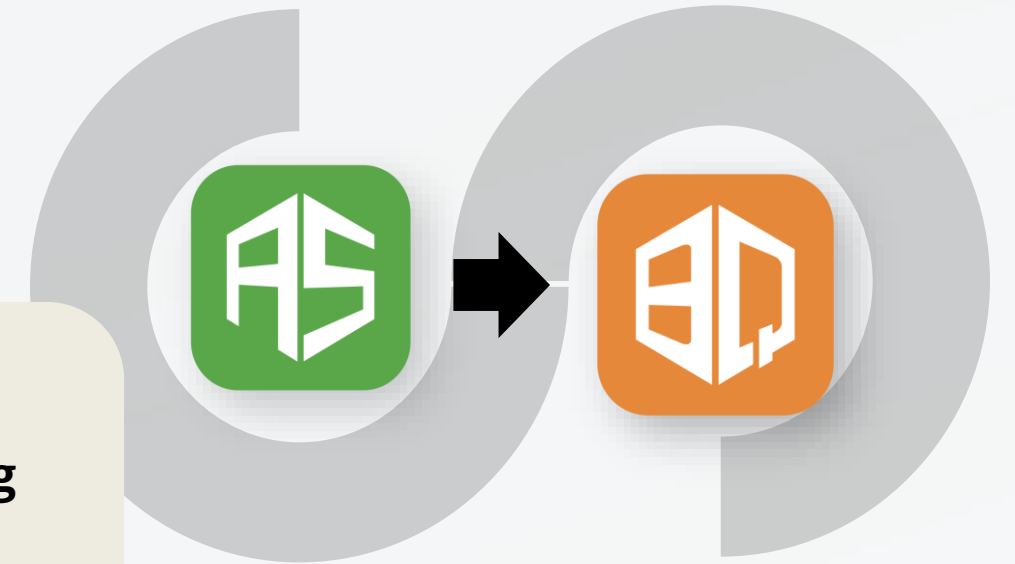
- Prepare Bills of Quantities (BQ) descriptions.
- **Descriptions are provided but need reordering for accuracy.**
- Utilize your expertise **to correct and organize them correctly based on the respective bills and elements.**

Task 2: Quantifying BQ from Modeling

- Develop the BQ with quantification from the provided BIM model.
- **Link quantities directly from the TAS modeling.**
- **Set the formatting based on the instruction given.**

Task 3: Consultant Assessment Form

- This project requires to use BIM. Submit your **QS consultant proposal highlighting BIM professional capabilities using the form given.**



Task 1: Organizing BQ Descriptions

- Descriptions are provided but need reordering for accuracy.
- To correct and organize them correctly based on the respective bills and elements

CADANGAN MEMBINA SEBUAH BANGUNAN WAREHOUSE 1 TINGKAT DENGAN 1 ARAS SEPARA BESMEN TEMPAT LETAK KERETA DI ATAS LOT 12345, JALAN PJU 8/3, MUTIARA DAMANSARA, MUKIM SUNGAI BULOH, DAERAH PETALING, SELANGOR DARUL EHSAN UNTUK TETUAN JJS LAND SDN BHD

Description	Qty	Unit
WORK BELOW LOWEST FLOOR FINISH		
EXCAVATION		
Excavating		
Pits for pad footings; commencing at existing earthwork platform level; including necessary temporary works for supporting, backfilling, spreading, levelling, compacting in layer and removal of surplus material from site to contractor's own dump site		
maximum depth not exceeding 1.00m		m3
Trenches for ground beams; commencing at existing earthwork platform level; including necessary temporary works for supporting, backfilling, spreading, levelling, compacting in layer and removal of surplus material from site to contractor's own dump site		
maximum depth not exceeding 1.00m		m3
ANTI-TERMITE TREATMENT		
Notes:-		
Anti-termite treatment shall be executed by a licensed and approved Applicator. The Contractor shall allow for:		
i) working in stages		
ii) provision of a 5 years guarantee on		

Task 2: Quantifying BQ from Modeling

- Link quantities directly from the TAS modeling provided.

Project Cyberjaya-TBQ(Published)

Bill & Element	Type	SN	Description	Unit	Qty	Rate Code	Net Rate
1	Heading 1		GENERAL				
2	Note		Description in these Bill Items generally are not comprehensive and shall be read in conjunction with the foregoing "Conditions of Contract", "Preliminaries", "Specification", "Preambles To All Trades", "Drawings" and other Tender Documents. The rate inserted for each item in this Bill shall be held to include for all costs, expenses, charges and expenditures arising out of complying with all requirements as set out in the above mentioned documents.				
3	Note		All quantities in this Bill are "PROVISIONAL" and therefore are subject to remeasurement based on works completed on the Site all in accordance with the Construction Drawings and the provisions in the Contract.				
4	Note		Prices shall also include for all necessary hacking work to any existing concrete works and well cleaned before receiving any new concrete works				
5	Heading 1		CONCRETE				
6	Heading 2		Vibrated reinforced concrete (Grade 45):				
7	Bill Item		Column	M3	1	CON45	278.80
52	Total				5,929.85		

Quantity Expression: TASQTY

Uploaded By	Date Uploaded	Project	Qty
mytbq004@gmail.com	Jun 20, 2023 04:23:14	Project Cyberjaya.TAS	0.931

Classification Condition

Floor	Material	Concrete Grade	Entity Type
Ground Floor	In-situ Concrete	C30	Curved

Task 3: Consultant Assessment Form

- Submit your QS consultant proposal highlighting BIM professional capabilities using the form given.

SEKSYEN II : BAHAGIAN A (TAJUK TENDER)

Borang E – Senarai Pengalaman Perunding Utama

BIL	NAMA PROJEK	NILAI KONTRAK (RM)	SKOP PERKHIDMATAN PERUNDING*	JUMLAH YURAN PERUNDING (RM)	TEMPOH PERKHIDMATAN **	TARIKH		NAMA DAN ALAMAT MAJIKAN
						MULA	SIAP	
A SENARAI PROJEK SEDANG DILAKSANAKAN / YANG TELAH SIAP DALAM TEMPOH TIGA (3) TAHUN TERKINI								
B SENARAI PROJEK YANG TELAH SIAP								

* PRA & POS KONTRAK ATAU PRA-KONTRAK ATAU POS KONTRAK ATAU LAIN-LAIN (NYATAKAN)
 ** TEMPOH PERKHIDMATAN MENYAKSI AH TERMASUK IAN BITAM MASA YANG DI LI LUSKAN

TBQ EVALUATION CHECKLIST

NO	DESCRIPTION	COMPLETION
Consultant Version		
1	Format BQ – Insert Glodon Company Logo	
2	Quantity Details – Manual Quantity	
3	Quantity Details – Live Link Quantity	
4	Quantity Round Up to 0, except rebar quantity round up 1 decimal place	
5	Set Trade Code, Element Code	
6	Benchmarking as per ECA	
7	<p>Submission</p> <ol style="list-style-type: none"> 1. Tender BQ in Excel Format 2. Tender BQ in PDF Format 3. Tender BQ in BQD Format 4. TBQ3 Project <p>Submission Format</p> <ol style="list-style-type: none"> 1. Compile all document in 1 folder. 2. Zip folder 3. Rename the file with team name – Stage 1 Submission (Eg. ABC Team – Stage 1 Submission) 4. Drop the zip file to Submission Link provided 	

SUBMISSION LINK



<https://shorturl.at/lrBS9>

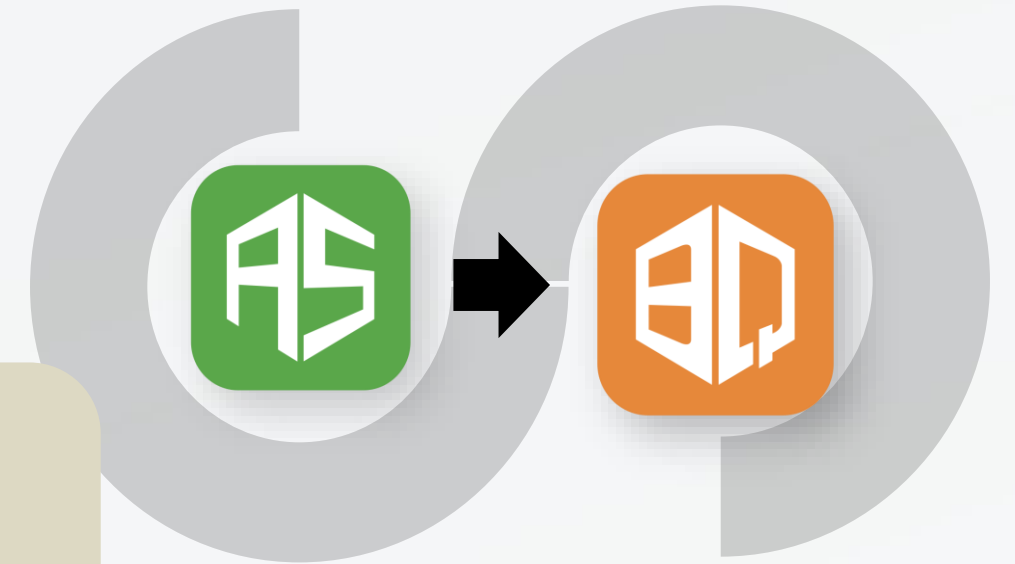
CAT 2 - BIM TITAN AWARD

PROJECT ENTRY REQUIREMENT

1. GFA minimum 10,000m²
2. Project completed from 2019 - 2024 (ongoing projects are allowed to enter)
3. Cubicost solutions (TAS/TRB) are used in the project.
4. Submission of model and supporting documents must be approved by company.
5. One company can submit more than 1 project, max 3 pax/team
6. Higher points are given to participants who can demonstrate Cubicost usage in project implementation

STAGE 01

After submission of TAS model/project file,
Stage 1 Assessment begins.



Dear Contractor,

We are pleased to invite your company to participate in the **tendering process for the pricing of the Bill of Quantities (BQ) for our upcoming project, on the new development of Starlet Mall Valley in Jaya One.**

Task 1: Develop BUR for Normal BQ and Lump Sum

- Create accurate Build Up Rates (BUR) for regular BQ items and lump-sum components.

Task 2: BQ Pricing Based on BUR

- Price the entire Bill of Quantities (BQ) using the developed Build Up Rates based on the "Base Cost" provided.
- Utilize the relevant features related to BUR and BQ item.

Task 3: Generate Element Code & Trade Code

Develop both of your **element code/trade code for this project**

TBQ EVALUATION CHECKLIST

SUBMISSION LINK



<https://shorturl.at/oxMS0>

NO	DESCRIPTION	COMPLETION
Contractor Version		
1	Unit Quantity (Productivity based on own assumption)	
2	Floating Factor (10% of Fluctuation on all materials)	
3	Wastage % (Based on own assumption)	
4	Adjusted Rate (Round off to 0)	
	Build Up Rate Using <ol style="list-style-type: none"> 1. All In Method 2. Left-to-Right Method 3. Top-to-Bottom Method (Use RC Cascade Drain Build Up as one of the examples) 	
5	Set Trade Code, Element Code, Rate Code	
6	Rate Code Linking	
7	Unit Rate Details - Conversion Factor	
8	By Rate Item	
9	Mark Up Cost <ol style="list-style-type: none"> 1. Concrete item – 15% 2. Sum item – 30% 3. Others – 10% 	
10	Submission <ol style="list-style-type: none"> 1. BQS Format File 2. BQ – Excel Format (All column) 3. BUR – Excel Format (All column) 4. By Rate Item Excel Format Submission Format <ol style="list-style-type: none"> 1. Compile all document in 1 folder. 2. Zip folder 3. Rename the file with team name – Stage 1 Submission (E.g. ABC Team – Stage 1 Submission) 4. Drop the zip file to Submission Link provided 	

CONTEST MATERIAL

CAT 1

BIM VISIONARY AWARD

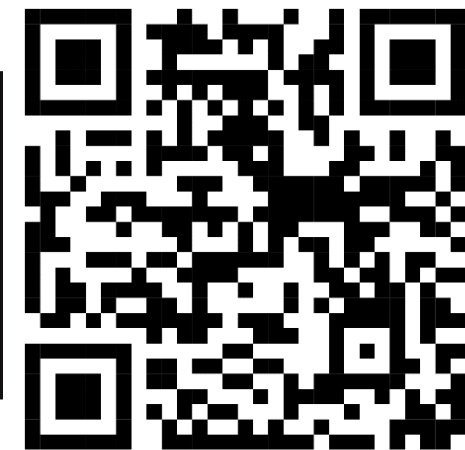
<https://shorturl.at/yzQV8>



CAT 2

BIM TITAN AWARD

<https://shorturl.at/dDKP6>



CONTEST PRIZE

Champion

Prize Worth of RM 20,000



1. 1 Set Cubicost Licenses.
Valid for 1 year
2. RM 5,000 cash

1st Runner - up

Prize Worth of RM 18,000



1. 1 Set Cubicost Licenses.
Valid for 1 year
2. RM 3,000 cash

2nd Runner - up

Prize Worth of RM 8,500



1. 1 Set Cubicost Licenses.
Valid for 6 months.
2. RM 1,000 cash

COLLABORATIONS





CONTACT US

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