Form CIDB IBS Score M1(rev. 2010)

CALCULATION FOR IBS SCORE

For office use
Project Registration No:
Project Category:

Project Name: Cadangan Membina Pembangunan Bercampur Di Atas Lot21135, Persiaran Cassia Barat 3, Mukim 13, SPT, PP. FASA1:- A. 2 BLOK PANGSAPURI PERKHIDMATAN 18 TINGKAT (612 UNIT) B. KEDAI PEJABAT 3 TINGKAT (196 UNIT) C. 5 TINGKAT TEMPAT LETAK KENDERAAN UNTUK: TETUAN PARAMOUNT PROPERTY (PW) SDN. BHD.	Contract Value: Main Building Work = RM180,031,778.00 Piling Work = RM18,032,168.38
Contractor Name: PARAMOUNT CONSTRUCTION (PG) SDN. BHD.	Developer / Owner Name: PARAMOUNT PROPERTY (PW) SDN. BHD.
Architecture Consultant BHYEW ARCHITECT	Civil/Structure Engineer Consultant Name: PERUNDING KELANA

List of Submitted Drawings

1)		6)	
2)		7)	
3)		8)	
4)		9)	
5)		10)	

We hereby declare that the information given and the IBS Score submitted herewith is true and complete.

The total **IBS Score** for the proposed building / project is 56.79 %.

Date: 28 MAR 2017

Name & Signature of Qualified Person

Designation:

LEMBAGA ARKITEK MALAYSIA

Ar. Yew Bu Hwa
ARKITEK
No. Pendaftaran LAM : A/Y 61

Reg. No. (Arch/PE/QS):

CALCULATIONS OF OVERALL IBS SCORE

PROJECT DETAILS

Project Name : Cadangan Membina Pembangunan Bercampur Di Atas Lot21135, Persiaran Cassia Barat 3, Mukim 13, SPT, PP.
FASA1: A. 2 BLOK PANGSAPURI PERKHIDMATAN 18 TINGKAT (612 UNIT), B. KEDAI PEJABAT 3 TINGKAT (196 UNIT)
C. 5 TINGKAT TEMPAT LETAK KENDERAAN. UNTUK: TETUAN PARAMOUNT PROPERTY (PW) SDN. BHD.

Type/Block No : _____ Total no of Units/blocks: 2

Contract Value: Main Building Work = RM180,031,778.00, Piling Work = RM18,032,168.38

Category of Building

[ ]	Residential (landed)	[ ]	Industrial	[x]	Commercial
[x]	Residential (high rise)	[ ]	Institutional	[ ]	Others _____

For mixed development, please indicate the area of the category:

Residential (landed)	_____ m^2	Industrial	_____ m^2
Residential (high rise)	36,063.00 m^2	Institutional	_____ m^2
Commercial	29,493.03 m^2	Others (MSCP)	59,650.20 m^2

CALCULATION OF IBS SCORE

PART 1: STRUCTURAL SYSTEMS

ELEMENTS	AREA (m^2)	IBS FACTOR	COVERAGE %	IBS CONTENT SCORE
1.0 CONCRETE				
1.1 FLOOR = PRECAST CONCRETE SLAB				
a) Precast column and beams		1.0		
b) Precast column and in-situ beams with reusable formwork		0.9		
c) Precast column and in-situ beams with timber formwork		0.8		
d) Precast beams and in-situ columns with reusable formworks		0.9		
e) Precast beams and in-situ column with timber formwork		0.8		
f) In-situ column and beams with reusable system formwork		0.7		
g) In-situ column and beams with timber formwork		0.6		
h) Load bearing blockwork		0.8		
i) Steel column and beam		1.0		

ELEMENTS	AREA (m^2) (a)	IBS FACTOR	COVERAGE %	IBS CONTENT SCORE
1.2 FLOOR = IN-SITU CONCRETE ON PERMANENT METAL FORMWORK				
a) Precast column and beams		0.9		
b) Precast column and in-situ beams with reusable formwork		0.8		
c) Precast column and in-situ beams with timber formwork		0.7		
d) Precast beams and in-situ columns with reusable formworks		0.8		
e) Precast beams and in-situ column with timber formwork		0.7		
f) In-situ column and beams with reusable system formwork		0.6		
g) In-situ column and beams with timber formwork		0.5		
h) Load bearing blockwork		0.7		
i) Steel column and beam		0.9		
1.3 FLOOR = IN-SITU CONCRETE WITH REUSABLE SYSTEM FORMWORK				
a) Precast column and beams		0.7		
b) Precast column and in-situ beams with reusable formwork		0.6		
c) Precast column and in-situ beams with timber formwork		0.5		
d) Precast beams and in-situ columns with reusable formworks		0.6		
e) Precast beams and in-situ column with timber formwork		0.5		
f) In-situ column and beams with reusable system formwork	98,579.69	0.5	1.0	28.95
g) In-situ column and beams with timber formwork		0.3		
h) Load bearing blockwork		0.6		
i) Steel column and beam		0.7		

ELEMENTS	AREA (m^2) (a)	IBS FACTOR	COVERAGE %	IBS CONTENT SCORE
1.4 FLOOR = IN-SITU CONCRETE USING TIMBER FORMWORK				
a) Precast column and beams		0.6		
b) Precast column and in-situ beams with reusable formwork		0.5		
c) Precast column and in-situ beams with timber formwork		0.4		
d) Precast beams and in-situ columns with reusable formworks		0.5		
e) Precast beams and in-situ column with timber formwork		0.4		
f) In-situ column and beams with reusable system formwork		0.3		
g) In-situ column and beams with timber formwork		0.0		
h) Load bearing blockwork		0.5		
i) Steel column and beam		0.6		
ELEMENTS	**AREA (m^2) (a)**	**IBS FACTOR**	**COVERAGE %**	**IBS CONTENT SCORE**
1.5 FLOOR = STEEL FLOORING SYSTEM				
a) Precast column and beams		1.0		
b) Precast column and in-situ beams with reusable formwork		0.9		
c) Precast column and in-situ beams with timber formwork		0.8		
d) Precast beams and in-situ columns with reusable formworks		0.9		
e) Precast beams and in-situ column with timber formwork		0.8		
f) In-situ column and beams with reusable system formwork		0.7		
g) In-situ column and beams with timber formwork		0.6		
h) Load bearing blockwork		0.8		
i) Steel column and beam		1.0		

ELEMENTS	AREA (m^2) (a)	IBS FACTOR	COVERAGE %	IBS CONTENT SCORE
1.6 FLOOR = TIMBER FRAME FLOORING SYSTEM				
a) Precast column and beams		1.0		
b) Precast column and in-situ beams with reusable formwork		0.9		
c) Precast column and in-situ beams with timber formwork		0.8		
d) Precast beams and in-situ columns with reusable formworks		0.9		
e) Precast beams and in-situ column with timber formwork		0.8		
f) In-situ column and beams with reusable system formwork		0.7		
g) In-situ column and beams with timber formwork		0.6		
h) Load bearing blockwork		0.8		
i) Steel column and beam		1.0		
1.7 NO FLOOR				
a) Precast column and beams		1.0		
b) Precast column and in-situ beams with reusable formwork		0.8		
c) Precast column and in-situ beams with timber formwork		0.7		
d) Precast beams and in-situ columns with reusable formworks		0.8		
e) Precast beams and in-situ column with timber formwork		0.7		
f) In-situ column and beams with reusable system formwork		0.6		
g) In-situ column and beams with timber formwork		0.0		
h) Load bearing blockwork		0.7		
i) Steel column and beam		1.0		
2.0 ROOF SYSTEM				
a) Prefab timber roof truss		1.0		
b) Prefab metal roof truss		1.0		
c) Precut metal roof truss		0.5		
d) Timber roof truss		0.0		
TOTAL AREA	98,579.69		100%	28.95
Sub-total for structural system (maximum 50 points) (A)				28.95

PART 2: WALL SYSTEMS

ELEMENTS	Length (m)	IBS FACTOR	COVERAGE %	IBS CONTENT SCORE
a) Precast concrete panel		1.0		
b) Wall cladding		1.0		
c) Prefabricated timber panel		1.0		
d) Full height glass panel	807.44	1.0	0.08	1.68
e) Dry wall system		1.0		
f) In-situ concrete with reusable system formwork		0.5		
g) In-situ concrete with timber formwork		0.0		
h) Blockwork system	8794.00	0.5	0.92	9.16
i) Pre-assemble brickwall/blockwall		1.0		
j) Common brickwall		0.0		
TOTAL AREA			100%	
Sub-total for wall system (maximum 20 points) (B)				20.84

PART 3: OTHER SIMPLIFIED CONSTRUCTION SOLUTIONS

ELEMENTS	UNIT	USAGE		% USAGE FOR THIS PROJECT	IBS SCORE
		50%≤ X < 75%	75%≤ X ≤100%		
1.0 Utilisation of standardised components based on MS 1064					
a) Beams	Nos	2	4	57.80	2
b) Columns	Nos	2	4	100	4
c) Walls	m	2	4	100	4
d) Slabs	m2	2	4	16.10	0
c) Doors	Nos	2	4	82	4
d) Windows	Nos	2	4	56	2
2.0 Repetition of structural layout					
a) For building of floor more than 2 storeys					
i) Repetition of floor to floor height	Nos	1	2	60	1
ii) Vertical repetition of structural floor layout	Nos	1	2	20	0
iii)Horizontal repetition of structural floor layout	Nos	1	2	18	0
b) For building 1 or 2 storeys					
i)Horizontal repetition of structural floor layout	Nos	3	6	-	-
Sub-total for other simplified construction solutions (maximum 30 points) (C)					17
TOTAL (maximum 100 points) (A + B + C)					56.79

SUMMARY SHEET (Multiple Building Project)

BLOCK NAME	AREA (m^2)	COVERAGE AREA (%)	IBS SCORE OF BUILDING	IBS SCORE OF PROJECT
TOTAL				

TOTAL IBS SCORE FOR THIS PROJECT = ________________