CIDB
MALAYSIA

Projection of Construction and Material Demand for Projects Awarded

December 2018

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CONTENT

EXECUTIVE SUMMARY

Projections are generated based on the estimated progress of the construction works that has been awarded until Jun 2018 according to the work progress cycle that is translated from a series of S-curves. The projection does not take into account new projects to be awarded from July 2018 until 2019.

For the period of 2015 until 2017, there are around 24,000 projects valued at RM595.3 billion extracted from CIDB's database. This report projected an estimated of 10,510 projects valued at RM296.1 billion are still under construction in 2018 and continues in 2019. Deriving from these figures, the estimated construction demand for 2018 and 2019 are projected as follows:

Year	Estimation of Work to be Done	
	Number	Value (RM b)
2018*	8,450	173.4
2019 e	2,060	122.7

Similarly, with regards to material demand, in 2018, an estimated of 8,450 projects valued at RM173.4 billion were carried out with 8 major material demand amounted to RM46.7 billion. Meanwhile in 2019, an estimated of 2,060 projects valued at RM122.7 billion are currently under construction with a material value of RM15.1 billion. From this amount, the estimated demand for these major construction material in 2019 are as follows:

	Construction Material	Unit	Material Quantity
1.	Steel reinforcement	tonne	0.89 million
2.	Ready mixed concrete	m²	12.9 million
3.	Plywood	piece	37.1 million
4.	Bricks	pallet	12.6 million
5.	Paint	5 litre	11.8 million
6.	Sand (finishes)	tonne	27.2 million
7.	Glass	m²	18.7 million
8.	Cement (finishes)	tonne	3.2 million

The material demand projection does not take into account new projects to be award from July 2018 until 2019.