

## EXECUTIVE SUMMARY

<b>TITLE</b>		To develop Technical Reference for Setting Up Private Hospitals (High Rise Development, > 48m/12 Floors): Technical Specifications, Safety & Disaster Management System and Permits Approval
<b>OBJECTIVES</b>	:	<ul style="list-style-type: none"> <li>▪ To develop Malaysia's technical specification, safety &amp; disaster management system and permits approval for high-rise hospital buildings and new Hospitals; and</li> <li>▪ To align MOH, BOMBA and other relevant technical agencies requirements to develop enforcement mechanism for high-rise private hospital buildings.</li> </ul>
<b>EXPECTED OUTCOMES</b>	:	Technical Reference for high-rise private hospital buildings, where technical specification variances have been addressed
<b>TEAM</b>		<ol style="list-style-type: none"> <li>1. Ministry of Economic Affairs (MEA)</li> <li>2. City Hall of Kuala Lumpur (DBKL)</li> <li>3. Ministry of Health (MOH)</li> <li>4. Malaysian Institute of Architects (PAM)</li> <li>5. Fire and Rescue Department of Malaysia (BOMBA)</li> <li>6. Private Healthcare Productivity Nexus (PHPN)</li> <li>7. Private Hospitals</li> <li>8. MPC</li> <li>9. Consultant</li> <li>10. Other Relevant Technical Agencies</li> </ol>
<b>TOTAL COST</b>		RM 264,000
<b>BUDGET</b>	:	MPB – PH: Malaysia Productivity Blueprint - Private Healthcare Productivity Nexus
<b>RECOMMENDED BY</b>	:	
<b>Comment/ Signature by PCT</b>	:	

# **PERBADANAN PRODUKTIVITI MALAYSIA (MPC)**

## **PROPOSAL FOR BOARD OF MANAGEMENT**

### **1.0 Purpose**

The purpose of this paper is to request for Board of Management (BOM) approval for develop Technical Reference for Setting Up Private Hospitals (High Rise Development, >48m/ 12 Floors): Technical Specifications, Safety & Disaster Management System and Permits Approval.

### **2.0 Background**

- i. Based on the Focus Group Workshop attended by MOH and technical agencies (Fire and Rescue Department of Malaysia (BOMBA), City Hall of Kuala Lumpur (DBKL) and Malaysian Institute of Architects (PAM) that was held on 14 – 16 December 2018 in Penang, there is another critical aspect that need to be emphasized which is on the technical specifications safety & disaster management system and permits approval for high-rise hospitals buildings.
- ii. As trends towards urbanisation, the scarcity of land is one of the business's concern on health facility developments and redevelopment for better utilization of space. High-rise hospitals are not a new concept in the world including Malaysia, to address space constraints, optimise efficiency and improve patient care. Hong Kong Sanatorium & Hospital (38 floors) was identified among the world's tallest high-rise health buildings. In addition to that, the technical group also have suggested to learn and benchmark Hong Kong's experience in developing Malaysia's technical specification for high-rise hospital buildings and new Hospitals.
- iii. The focus group intended to address this gap by producing Malaysia's Technical Reference for high-rise hospital building. This is the first technical reference to be developed in Malaysia to address Risk and Disaster Management (both human-made and natural disaster). The Technical Reference will facilitate investors, as there is already a demand for it. This is based on the feedback from DEMC Specialist Hospital during Public Consultation on DCP Private Hospitals which was held on 22 January 2019 in Hilton Petaling Jaya. Currently, developers are required to provide their own input to MOH and BOMBA if they want to build a high-rise hospital building. This causes variance between MOH and BOMBA requirements in risk mitigation.
- iv. Study mission to Hong Kong was conducted from 11-15 March 2019 and was found that DMP Guideline is critical and crucial element that need to be established for High Rise Hospital.

### 3.0 Objectives

- To develop Malaysia's technical specification, safety & disaster management system and permits approval for high-rise hospital buildings and new Hospitals; and
- To align MOH, BOMBA and other relevant technical agencies requirements to develop enforcement mechanism for high-rise private hospital buildings.

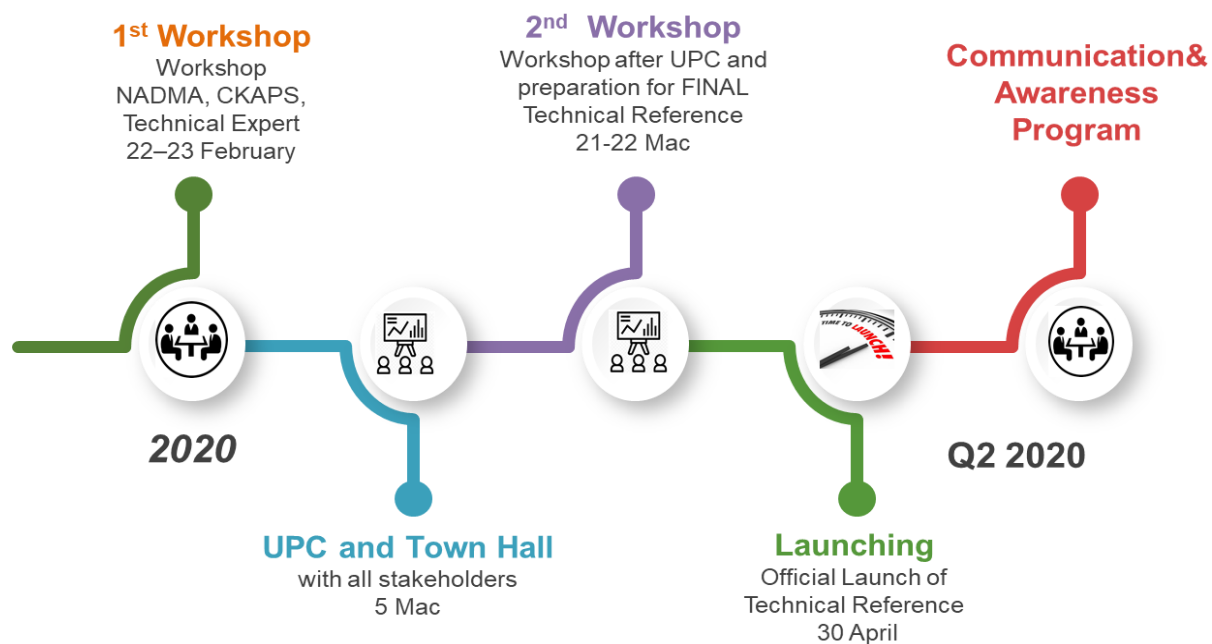
### 4.0 Expected outcomes

Technical Reference (Safety & disaster management system and permits approval) for high-rise private hospital buildings, where technical specification variances have been addressed

### 5.0 The Team

No.	Organisation
1.	Ministry of Economic Affairs (MEA)
2.	City Hall of Kuala Lumpur (DBKL)
3.	Ministry of Health (MOH)
4.	Malaysian Institute of Architects (PAM)
5.	Fire and Rescue Department of Malaysia (BOMBA)
6.	Private Healthcare Productivity Nexus (PHPN)
7.	Private Hospitals
8.	MPC
9.	Consultant
10.	Other Relevant Technical Agencies

## 6.0 Timeline



## 7.0 Estimated Cost

No	Items	Breakdown	Budget (RM)
1.	Workshop/Meeting/ Residential Package F&B i. Technical Agencies and Technical Working Committee	30 Pax x 2 sessions x 2 days x RM 500	60,000
2.	Public Consultation	100 pax x 1 session x RM 200	20,000
3.	Launching for the DMP Guideline	100 pax x 1 session x RM 200	20,000
4.	Expert Fee/ Technical Expert/ Facilitator	2 Facilitators x RM 20,000	40,000
5.	Travelling Allowance and Accommodation for Consultants and MPC Officers	5 officers x 2 sessions x RM 2,000	20,000

No	Items	Breakdown	Budget (RM)
6.	Publication and Editorial <ul style="list-style-type: none"> <li>Rapporteur/ Write-up / Proofread / Press and Media Release</li> <li>Printing Guidebook for DMP</li> </ul>	1 Rapporteur x 4 sessions x RM 1,000 1,000 set x RM 50	4,000 50,000
7.	Administration & Promotion (for Public Consultation and Launching DMP Guideline) (e.g: Brochure/Pamphlet/Exhibition/Bunting and etc.)		50,000
	<b>Total Estimated Cost</b>		264,000

## 8.0 Approval From BOM

The approval of the Board of Management (BOM) on the budget of RM 264,000 is sought upon.

Prepared by:

Nur Syafina Anuar  
Project Manager  
Secretariat PHPN

Approved by:

Nazahiah Mohamad  
Programme Manager  
Secretariat PHPN