



**PAPER FOR APPROVAL
MPC BOARD OF MANAGEMENT (BOM)**

**MPC-ACSB PILOT PROJECT:
PROFESSIONAL SERVICES PRODUCTIVITY PROGRAMME (PSPP)
FOR MULTIDISCIPLINARY PROFESSIONAL SERVICES**

PREPARED BY:

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EXECUTIVE SUMMARY

TITLE	:	MPC-ACSB PILOT PROJECT: PROFESSIONAL SERVICES PRODUCTIVITY PROGRAMME (PSPP) FOR MULTIDISCIPLINARY PROFESSIONAL SERVICES
DATE	:	JANUARY - FEBRUARY 2021
OBJECTIVE	:	<ul style="list-style-type: none"> 1) To create exposure and enhance awareness among multidisciplinary professional services providers on Professional Building Inspections Skills Training; 2) To promote multidisciplinary skills training to the Professional Services Providers to form Professional services Consortiums; 3) To guide and provide solutions to professional service providers in managing the challenges and barriers of collaborative working.
ESTIMATED COST	:	RM22,000.00
BUDGET	:	<i>SPC 2.0 Melaksanakan Inisiatif Pusat Productiviti Peringkat Sektor</i>
COMMENT / SIGNATURE BY HEAD ACCOUNTANT	:	
COMMENT / SIGNATURE BY PCT	:	

REQUEST FOR APPROVAL MPC BOARD OF MANAGEMENT (BOM)

MPC-ACSB PILOT PROJECT: PROFESSIONAL SERVICES PRODUCTIVITY PROGRAMME (PSPP) FOR MULTIDISCIPLINARY PROFESSIONAL SERVICES

1.0 Purpose

- 1.1 The purpose of this paper is to seek for the approval of MPC's Board of Management (BOM) to utilise the SPC 2.0 budget for organising the MPC-Architect Centre Sdn Bhd (ACSB) Pilot Project: Professional Services Productivity Programme (PSPP) for Multidisciplinary Professional Services.

2.0 Background

- 2.1 In the Malaysia Productivity Blueprint (MPB), it was stipulated under Thrust 3 of Professional Services Productivity Nexus (PSPN) to aim for cross-country professional services consortiums to increase capability to compete abroad. Through a suitable model, companies can grow organically or may expand their businesses via various collaborative models, such as collaborations, partnerships, mergers and acquisitions or other means of growing together. In view of this, there is a need for a suitable model for professional services providers to increase their capacities, to sustain and grow the businesses therefore, to promote professional services consortiums.

Professional Services Key Productivity Challenges	Professional Services Subsector Initiatives
 <p>INDUSTRY STRUCTURE</p> <p>Majority of companies lack scale to bid for large projects and to make human capital and/or operational investments (for example, engineering consulting firms are smaller in scale than foreign firms and are less able to compete for overseas projects)</p> <ul style="list-style-type: none">• Industry highly fragmented with 96% made up of SMEs• Industry only semi-liberalised (for example, foreign players in criminal law and family law practise are unable to expand to Malaysia)	<p>Form cross-country professional services consortiums to increase capability to compete abroad</p> <p>Encourage adoption of operational metrics and performance-linked KPIs by professional services firms</p>

- 2.2 For the consortium models development, a few consortium models had been developed by the multidisciplinary professional services experts. Way forward, a special meeting was held between MPC and the technical experts on 30th October 2020 followed by a series of deep dive sessions. Based on these engagements, MPC has organized two MoUs signing: between MPC-ACSB and MPC-IEMTC which are commenced in 28th November and 5th December 2020.
- 2.3 Amongst others the MoUs are aimed to develop 4,000 professional services practices (firms) and practitioners (individual professionals) and companies to be mentored in ACSB and IEMTC in 2021. With a large resource pool of the real co-working environment that ACSB and IEM TC are having, both centres will provide mentoring services to the professionals through project-driven and based on a project management. This cooperation also may expand the wealth of data in MPC repository.
- 2.4 It was agreed that PAM through ACSB will provide mentoring services in building inspection for professionals including lawyers, corporate GLCs and joint management bodies using ACSB consortium model. It is aimed to reach 2000 professionals being mentored. It was also agreed that IEM through IEM Training Centre will mentor 2000 qualified engineering consultant practices and practitioners on transforming into a sustainable and high-quality multidisciplinary engineering firms using G&P model developed by engineering fraternity technical expert in 2021. As a way forward, to have at least 10 consortiums by end of 2025.
- 2.5 Following up the MoUs, the first batch of pioneer will be given exposure on the ten training modules by ACSB in January-February 2021. With a goal to train up to 20 professional services providers from various disciplines, the proposed programme: '**Skills Training for Professional Services Consortiums and Services Related to Professional Building Inspections**' will follow the working model of ACSB, a multidisciplinary building inspection services company.

3.0 Objectives

3.1 The objectives of this Pilot Project for Professional Services Productivity Programme (PSPP) are:

- 1) To create exposure and enhance awareness among multidisciplinary professional services providers on Professional Building Inspections Skills Training;
- 2) To promote multidisciplinary skills training to the Professional Services Providers to form Professional services Consortiums; and
- 3) To guide and provide solutions to professional service providers in managing the challenges and barriers of collaborative working.

4.0 Scope of Programme

4.1 This pilot project focus on multidisciplinary professional services providers who are directly or indirectly related to the construction and property management industry such as:

- i. Architecture services;
- ii. Mechanical and electrical (M&E) engineering services;
- iii. Civil and structural (C&S) engineering services;
- iv. Quantity surveying services;
- v. Legal services;
- vi. Infrared thermography services;
- vii. ICT services;
- viii. Drone services; and
- ix. Other speciality services related to buildings

5.0 Expected Deliverables

5.1 The expected deliverables are:

- i. A maximum of 20 trained professional services providers from various disciplines related to construction and property management for the targeted period;

- ii. Enhance the understanding of the professionals on the root cause of the defects, comprehensive and practical solutions to attend the defects;
- iii. Learn how to prevent the occurrence of latent and patent defects; and

6.0 Expected Outcomes

- 6.1 The expected outcomes of the pilot project are:
 - i. Increase number of skilled and knowledge workers together with the adoption of advanced technology and automation;
 - ii. Provide solutions to businesses or professional service providers in managing the challenges and barriers of collaborative working;
 - iii. Increase market outreach among professionals or businesses through digital solutions; and
 - iv. Creating business opportunity for the professionals or businesses.

7.0 Training Methodology and Programme Modules

- 7.1 The methodology of the programme is through virtual lectures, which are online learning, class via recordings, and multiple access to class.
- 7.2 This pilot project covers the theoretical training, that consists of ten (10) training modules as per details below:

Modules	Details	
1	Overview of 'What' & 'Why'	<ul style="list-style-type: none"> a) Types of Building / Property Inspection b) Mixed Strata Properties & Common Property c) Advisory & Forensic Inspections d) Building Defects Minefield e) Prevailing Laws & Regulations Governing Completed Properties
2	Building Condition Inspection 'How'	<ul style="list-style-type: none"> a) Technical Information, Equipment b) Scope of Works c) Using the Right Equipment for the Inspection d) Report Writing Workshop

3	'Kisah Benar' Training Series	<ul style="list-style-type: none"> a) List of cases TBD b) Master Class Workshop for Advanced Practitioners c) 'Cracks & Leaks' – Avoid Being Sued for Design Negligence in a Malaysian Context d) Understanding Qlassic & Conquas e) Are Our Buildings Safe?
4	Civil & Structural Engineering	<ul style="list-style-type: none"> a) Slopes & Retaining Walls b) Roads & Drainage c) Sewerage and Manholes d) Building Structure e) Prevailing Laws and Regulations for Building Structure
5	Electrical Engineering	<ul style="list-style-type: none"> a) Deadly Electrical Design b) Common Myths with Maintenance of Electrical Installations c) Prevailing Laws and Regulations for Electrical Installations
6	Mechanical Engineering	<ul style="list-style-type: none"> a) Faulty Design, Construction or Maintenance; or all of it b) Dispelling Myths of GBI for the Property Owners c) Prevailing Laws and Regulations for Mechanical Installations d) Hazards of Central Gas Pipes
7	Escalators & elevators (E&E)	<ul style="list-style-type: none"> a) Safety in Design & Maintenance b) Prevailing Laws and Regulations for E&E Installations c) Living with Faulty Lifts?
8	Fire Safety in Building	<ul style="list-style-type: none"> a) Compliance Inspections for Completed Properties b) Fire Certificate for Designated Buildings) Understanding the 4 Aspects in Fire Safety Design & Maintenance – Compartmentation, Evacuation, Detection and Extinguishment
9	Technologists Workshop	<ul style="list-style-type: none"> a) Infrared Thermography 'IRT' for Mechanical, Electrical, Plumbing Installations b) IRT for Leaks and Cracks c) Drone Video and Imaging
10	General Topics Frequently Requested	<ul style="list-style-type: none"> a) Common Challenges Faced by JMB and MC for Stratified Properties in Property Maintenance b) Understanding As-Built Drawings, Operation & Maintenance Manuals c) Understanding Latent Defects – Buyers' Beware d) SMA 2013 – What Does It Mean to My Condo? e) Rethinking Building Safety in Tahfiz Schools – (similar for dormitories, kindergartens, hostels, old folks' homes etc.)

8.0 Estimated Cost and Payment Terms

8.1 The total estimated cost is RM22,000.00 which follows the following activities:

NO.	ACTIVITY	COST (RM)
	Trainer Fees	
1	Trainer Charging Rate Module: • <u>Module 1-10</u> RM1,000 X 20 Trainees	20,000
	Other Relevant Costs	
2	• Promotional Items (ePoster, Media Release and Related Items)	2,000
	TOTAL COST	22,000.00

9.0 Approval of BOM

9.1 The approval of BOM is sought to approve the budget of RM22,000.00 to utilise the SPC 2.0 budget for organising the MPC-Architect Centre Sdn Bhd (ACSB) Pilot Project: Professional Services Productivity Programme (PSPP) for Multidisciplinary Professional Services.

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