

## EXECUTIVE SUMMARY

<b>TITLE</b>	: MyReskill IOT (Pilot 2.0)
<b>OBJECTIVE</b>	: To train and reskill workforce, especially those affected by pandemic to stay relevant in the industry and to train the trainer for proliferation
<b>IMPACT TO BUSINESS</b>	: <ul style="list-style-type: none"><li>• Pilot and enable 100 companies and tech centres to carry out Internet of Things (IOT) project within their company.</li><li>• To train and reskill workforce, especially those affected by pandemic, to stay relevant in the industry.</li></ul>
<b>DURATION</b>	: May – June 2021
<b>TOTAL COST</b>	: RM 200,000.00
<b>BUDGET</b>	: MPB-EEPEN
<b>RECOMMENDED BY</b>	:
<b>Comment/ Signature by PCT</b>	:

# **MALAYSIA PRODUCTIVITY CORPORATION (MPC)**

## **PROPOSAL FOR BOARD OF MANAGEMENT**

### **1.0 Purpose**

The purpose of this paper is to request approval from Board of Management (BOM) for the project on MyReskill IOT (Pilot).

### **2.0 Background**

EEPNEP established under MPC has the charter of enhancing the competitiveness of our E&E industry; particularly in increasing the productivity, capability and competency of the E&E subsector. One of the key focus areas is to create value towards the Industry 4.0 ecosystem and EEPNEP has conducted Plugfest 1.0 IIOT and Plugfest2.0 AIOT.

Hence, MPC through EEPNEP would like to accelerate this initiative through MyReskill IOT. This programme aimed to To train and reskill workforce, especially those affected by pandemic, to stay relevant in the industry. This three full days hands-on workshop where each company has to develop a Proof-of-Concept (POC) project, within 3 month upon completion of workshop.

### **3.0 Objective**

This programme aims to achieve the following specific objectives:

- Pilot and enable 100 companies to carry out IOT project within their company.
- To train and reskill workforce, especially those affected by pandemic, to stay relevant in the industry
- To train the trainers for MyReskill IOT proliferation

### **4.0 Output/Deliverables**

- Each company to develop a Proof-of-Concept (POC) project, within 3 months upon completion of workshop

### **5.0 Outcome**

- Improve knowledge in I4.0
- Upgrade the workforce through reskilling programme in I4.0 programmes and activities
- Promote transformation and innovation in E&E sector

## 6.0 Project Team

Project Chairman	: Tuan Haji Suhaimi Hamad
Project Co-Chair	: Dr Mohamad Norjayadi Tamam
Programme Manager	: Lee Wan Wei
Project Manager	: Aiman Zakwan Zahari
Nexus Coordinator	: Mr. Cheang Wai Mun

## 7.0 Methodology

- To train all participants of the workshop and going through hands- on engineers to develop Proof of Concept (PoC) in E&E ecosystem within 3 months.
- Together with technology principals/partner to provide coaching resources and materials, marketing/promotion, venue, and food, traveling and other miscellaneous.
- Technology principals/partner will support participants with the proof of concepts (PoCs) depending on availability.
- To provide the necessary IIoT-related starter kits (e.g. controller hardware, gateway, sensors, and access to cloud services) for each of the participant to test during the training session.
- The workshop will be conducted in full days with 5-day workshop on introduction to I4.0, IIoT, Project consideration and productivity methodologies, and hands-on session on IoT devices setting up, configuring dashboard and system interrogation using various protocols.

## 8.0 TIMELINE

Activity	May 2021			
	W1	W2	W3	W4
Pre workshop planning and budget approval				
Identify participating companies				
Online Registration				
Distribution of training kits to participants				
MyReskill IOT Starts (5 days)				

## 9.0 Estimated Cost

Payment Summary	Cost/Unit (RM)	Quantity	Total Cost (RM)
Training fees	RM 1,600	100 participating companies	RM 160,000
Technical Expert in developing the programme module, flow chart etc	RM 400	25 man-hours	RM 10,000
Project management system	RM3,000	10 months	RM 30,000
		<b>Total Cost</b>	RM 200,000

## 10.0 Participants Terms and Conditions

- For companies all over Malaysia
- For Malaysian citizens only
- Upon the completion of the training workshop, each participant must develop proof-of-concept (POC)s within 3 months' time.

## 11.0 Approval from BOM

The approval of the Board of Management (BOM) on the budget of **RM200,000.00** is sought upon.

Prepared by:



Aiman Zakwan  
Manager  
Date: 13 April 2021

Reviewed by:



Lee Wan Wei  
Manager  
Date: 13 April 2021

Approved by:



Suhaimi Hamad  
Director  
Date: 16 April 2021