

## **EXECUTIVE SUMMARY**

<b>TITLE</b>	:	<b>Enhancing Capabilities of Machine and Equipment Manufacturers Towards Smart Machinery</b>
<b>PROPOSED DATE AND VENUE</b>	:	May – August 2020
<b>OBJECTIVES</b>	:	<ul style="list-style-type: none"><li>• To establish guideline of smart machinery toward Industry 4.0</li><li>• To assist 20 companies to apply smart machinery through capacity building and equipment installation.</li><li>• To develop and establish Proof of Concept (PoC) project which includes data acquisition, remote monitoring capability</li><li>• To train and upskill workforce in the area of digitisation.</li></ul>
<b>OVERALL OUTPUT</b>	:	<ul style="list-style-type: none"><li>• 20 Proof-of-Concept (POC) projects,</li><li>• Program Evaluation Report .</li><li>• 40 employees trained and upskilled</li><li>• 1 Smart Machinery Guideline</li></ul>
<b>BUDGET/COST</b>	:	<b>MPB-M&amp;E : RM36,700.00</b> <b>APO : RM48,000.00</b> <b>TOTAL BUDGET: RM84,700.00</b>
<b>DEPARTMENT</b>	:	Machinery and Equipment Productivity Nexus (MEPN)
<b>COMMENTS/ SIGNATURE OF ACCOUNTANT</b>	:	
<b>COMMENTS/SIGNATURE OF PCT SENIOR MANAGER</b>	:	

## 6.0 Overall Implementation Timeline

The overall project duration is from April to October 2021.

Item	Activities	May	Jun	July	Aug	Sep	Oct	Nov
1.	Selection of Companies	■	■	■				
2.	Awareness and Capacity Building		■	■	■			
3.	Proof of Concept			■	■	■	■	
4.	Project Showcase						■	■
5.	Assessment and Report							■

## 7.0 Cost ( May- August 2021)

The cost of the project is **RM84,700.00** as shown in the table below:

No.	Item	Cost/ Unit	Pax	Quantity	Total (RM)
1.	Webinar Speaker	RM300/hour	2	2 hours	1,200
2	Program Brochure	RM600	-	1	600
3.	Industry Experts (Module Development)	RM400/hour	10	4 hours	16,000
4.	Module and Guideline for Smart Machinery	RM200/page	1	50 pages	10,000
5.	Half-day Workshop Package	RM180/pax	15	2 days	5,400
6.	Project Facilitator	RM250/hour	1	14 hours	3,500
<b>Sub Total</b>					<b>36,700.00</b>
	<b>Item (APO Allocation)</b>				
1.	System Development Package including Consultancy and Training	RM2,400	20	1	48,000
<b>Sub Total</b>					<b>48,000.00</b>
<b>Total (RM)</b>					<b>84,700.00</b>

## 8.0 Participants Terms and Conditions

- Companies must assess digitisation readiness through Online Digital Self-Diagnose tool
- Local Manufacturing companies
- Companies must attend training and develop the proof-of-concept (POC)s within 3 months' time.
- Companies must share PoC project via sharing platform provided by the MEPN.