**LAMPIRAN A**

**IPT PENERAJU :**

**BIDANG TUJAHAN :**



**JABATAN PENDIDIKAN TINGGI**

**KEMENTERIAN PENDIDIKAN TINGGI**



**URUS SETIA MyLAB**

**BAHAGIAN PERANCANGAN KECEMERLANGAN IPT (BPKI)**

**JABATAN PENDIDIKAN TINGGI**

**KEMENTERIAN PENDIDIKAN TINGGI**

**ARAS 7, NO.2, MENARA 2**

**JALAN P5/6, PRESINT 5**

**62200 PUTRAJAYA**

**NO.TEL. : +603 – 8870 6952 / 6957 / 6956 /8870 6000 samb. 4578**

**NO. FAKS: +603 – 8870 6867**

[**mylabbpki@mohe.gov.my**](mailto:mylabbpki@mohe.gov.my)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LOGO MYLAB**    **BORANG PERMOHONAN**  **MALAYSIA LABORATORIES FOR ACADEMIA-BUSINESS COLLABORATION (MyLAB) 1/2016**    **JABATAN PENDIDIKAN TINGGI**  **KEMENTERIAN PENDIDIKAN TINGGI**  *[Incomplete Form will be rejected]* | | | | | | | | | | | | | | | | | |
| **A.** | **Tajuk Projek Yang Dicadangkan:**  *Title of Proposed Project:* | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | |
| **B.** | **Maklumat Penyelidik** */ Details Of Project Leader* : | | | | | | | | | | | | | | | | |
| **(i)** | Nama Ketua Projek: No. Kad Pengenalan/ Pasport:  *Name of Project Leader: IC / Passport Number*: | | | | | | | | | | | | | | | | |
| **(ii)** | **Jawatan (Sila tanda ( √ )):**  *Position (Please tick ( √ )):*    **Profesor Prof. Madya / P. Kanan** *P*  *Professor Assoc. Prof. / Sen. Lect.* | | | | | | | | | | | | | | | | |
| **(iii)** | **Fakulti/Jabatan /Pusat/Unit (Sila nyatakan alamat penuh):**  *Faculty/School/Centre/Unit (Please provide full address):* | | | | | | | | | | | | | | | | |
| **(iv)** | **No. Telefon Pejabat: No. Telefon Bimbit:**  *Office Telephone No.: Handphone No.:* | | | | | | | | | | | | | | | | |
| **(v)** | **Alamat e-mel:**  *E-mail Address***:** | | | | | | | | | | | | | | | | |
| **(vi)** | **Tarikh mula berkhidmat dengan Universiti ini:**  *Date of first appointment with this University***:** | | | | | | | | | | | | | | | | |
| **(vii)** | **Jenis Perkhidmatan (Sila tanda ( √ )):**  *Type of Service (Please tick ( √ )):*  **Tetap Kontrak (Nyatakan tarikh tamat kontrak): \_\_\_\_\_\_\_\_\_**  *Permanent Contract (State contract expiry date): \_\_\_\_\_\_\_\_\_\_\_\_* | | | | | | | | | | | | | | | | |
| **C.** | **Latar Belakang Projek /** Background Information Of The Project: | | | | | | | | | | | | | | | | |
| **(i)** | **Kluster Penyelidikan (Sila tanda ( √ ):**(6 kluster yg telah dipersetujui)  *Niche Areas (Please tick ( √ )):*  Nanoteknologi / Bioteknologi /  *Nanotechnology*  *Biotechnology*  Automotif / Aeroangkasa /  *Automotive Aerospace*    Rel / *Oil & Gas*  *Rail* | | | | | | | | | | | | | | | | |
| **(ii)** | **Tempat projek dijalankan: (senaraikan)**  *Location of Project:* | | | | | | | | | | | | | | | | |
| **(iii)** | **Tempoh masa projek ini (Maksimum 36 bulan):**  *Duration of project (Maximum 36 months):*  ***Tempoh* : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Duration*  :      **Dari : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *From*  :    **Hingga : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *To* : | | | | | | | | | | | | | | | | |
| **(iv)** | **Ahli-ahli Penyelidik yang lain: (Sila sertakan maksimum 5 halaman resume untuk setiap penyelidik)**  *Team members and collaborators: (Please include maximum 5 pages of curriculum vitae for each researcher)* | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | |
| **Bil** | **Nama**  *Name* | | **No. Kad Pengenalan/ Pasport :**  *IC / Passport No.* | | | | | | **Nama Universiti/ Industri :**  *Name of University/Industry:* | | | | | **Tahap Kelayakan Akademik/ Jawatan :**  *Academic Qualification/*  *Designation :* | | **Tandatangan***Signature* |
| 1 |  | |  | | | | | |  | | | | |  | |  |
| 2 |  | |  | | | | | |  | | | | |  | |  |
| 3 |  | |  | | | | | |  | | | | |  | |  |
| 4 |  | |  | | | | | |  | | | | |  | |  |
|
| **(v)** | **Sila sediakan maklumat termasuk termasuk tajuk, nama geran, peranan, tempoh, tahun mula dan tahun tamat bagi penyelidikan yang sedang/telah dijalankan oleh ketua penyelidik dalam tempoh tiga tahun terakhir.**  *Please provide details including including title, grants, roles, year start and end years of research that is being / has been conducted by the lead researcher in the last three years.*   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **Nama**  *Name* | **Tajuk penyelidikan** *Title of Research* | **Nama Geran** *Grant’s Name* | **Jawatan / Peranan** *Position /*  *Role* | **Tempoh** *Duration* | **Tarikh mula** *Start Date* | **Tarikh tamat**  *End Date* | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | |  |  |  |  |  |  |  | | | | | | | | | | | | | | | | | |
| **(vi)** | **Sila senarai penerbitan dan IPR yang berkaitan dengan projek ini bagi tempoh lima (5) tahun terakhir.** *Please provide list of publications and IPR related to the project for the last five (5) years.* | | | | | | | | | | | | | | | | |
| **Tajuk**  *Title* | | | | **Nama jurnal/IPR**  *Name of journals/IPR* | | | | | | | | | | | **Tahun diterbitkan / difailkan / diberi**  *Year published/ Filing/ Granted* | |
|  | | | |  | | | | | | | | | | |  | |
|  | | | |  | | | | | | | | | | |  | |
| **(vii)** | **Ringkasan Cadangan Eksekutif Projek (maksimum 600 patah perkataan)**  **(Meliputi pernyataan masalah, objektif, kaedah penyelidikan, jangkaan hasil penyelidikan/imp**  **likasi dan kepentingan output projek penyelidikan)**  *Executive Summary of Project Proposal (maximum600 words)*  *(Please include the problem statement, objectives, research methodology, expected output/outcomes/implication, and significance of output from the project)* | | | | | | | | | | | | | | | | |
| **D.** | **Cadangan Maklumat Projek Secara Terperinci /** *Detailed Proposal Of The Project* | | | | | | | | | | | | | | | | |
|  | 1. **Maklumat Teknikal /** *Technical Information* | | | | | | | | | | | | | | | | |
| **i) Latar belakang Projek :**  *Background of the Project:* | | | | | | | | | | | | | | | | |
| **ii) Pembuktian Konsep :**  *Proof of concept :* | | | | | | | | | | | | | | | | |
| **iii) Penanda Aras Teknologi :**  *Benchmark :* | | | | | | | | | | | | | | | | |
| **iv) Objektif :**  *Objectives :* | | | | | | | | | | | | | | | | |
| **v) Kaedah Penyelidikan :**  *Methodology :* | | | | | | | | | | | | | | | | |
| 1. **Penerangan Kaedah Penyelidikan :**   *Description of Methodology :* | | | | | | | | | | | | | | | | |
| 1. **Carta Aliran aktiviti penyelidikan (sila sertakan dalam Lampiran) :**   *Flow Chart of Research Activities ( Please enclose in the Appendix) :* | | | | | | | | | | | | | | | | |
| 1. **Carta Gantt aktiviti penyelidikan (sila sertakan dalam Lampiran) :**   *Gantt Chart of Research Activities (Please enclose in the Appendix) :* | | | | | | | | | | | | | | | | |
| 1. **Milestone dan Tarikh :**   *Milestones and Dates :* | | | | | | | | | | | | | | | | |
| **vii) Keperluan pematuhan dan piawaian (sekiranya diperlukan) :**  *Compliance requirements and standards (if required) :* | | | | | | | | | | | | | | | | |
|  | 1. **Peranan Ahli Kolaborasi /** *Role Collaborator* | | | | | | | | | | | | | | | | |
| 1. **Nama IPT Kolaborasi (sila senaraikan)**  |  |  |  | | --- | --- | --- | | **Bil** | **Nama IPT Kolaborasi** | **Peranan IPT Kolaborasi (di dalam projek MyLAB yang dipohon)** | |  |  |  | |  |  |  | |  |  |  | | | | | | | | | | | | | | | | | |
| 1. **Tempoh projek dan sub projek :**   *Duration of project and sub ​​projects :*   |  |  |  | | --- | --- | --- | | **BiL** | **Nama IPT Kolaborasi** | **Tempoh sub Projek IPT Kolaborasi** | |  |  |  | |  |  |  | |  |  |  | | | | | | | | | | | | | | | | | |
| 1. **Peranan Industri Kolaborasi** | | | | | | | | | | | | | | | | |
| 1. **Nama Industri**   *Industry* | | | | | | | | | | | | | | | | |
| 1. **Sumbangan Industri Kepada Projek**   *Industry Contribution to Project)* | | | | | | | | | | | | | | | | |
|  | 1. **Permintaan Pasaran /** *Market Demand* | | | | | | | | | | | | | | | | |
| **i) Keperluan Pasaran :**  *Market Needs :* | | | | | | | | | | | | | | | | |
| **ii) Saiz Pasaran :**  *Market Size :* | | | | | | | | | | | | | | | | |
| **iii) Pertumbuhan Pasaran :**  *Market Growth :* | | | | | | | | | | | | | | | | |
| **iv) Sasaran Pasaran :**  *Target Market :* | | | | | | | | | | | | | | | | |
| **v) Pesaing Produk :**  *Competitor Product :* | | | | | | | | | | | | | | | | |
| **vi) Industri Pesaing :**  *Competitors industry :* | | | | | | | | | | | | | | | | |
| **vii) Pasaran Nic (jika ada) :**  *Niche Market (if any) :* | | | | | | | | | | | | | | | | |
|  | 1. **Unjuran Kewangan** / *Financial Forecast* | | | | | | | | | | | | | | | | |
| **i) Risiko /** *Risk*   1. **Risiko Masa:**   *Time Risk :*   |  |  | | --- | --- | | **Rendah /**  *Low* |  | | **Sederhana /** *Medium* |  | | **Tinggi /**  *High* |  |  1. **Risiko Kewangan */*** *Financial Risk*  |  |  | | --- | --- | | **Rendah /**  *Low* |  | | **Sederhana /** *Medium* |  | | **Tinggi /**  *High* |  | | | | | | | | | | | | | | | | | |
|  | **ii) Unjuran Kewangan dalam tempoh projek dan juga unjuran kewangan 5 tahun selepas projek tamat (pengkomersilan) /** *Financial projections in the project as well as financial projections five years after project completion (commercialization)* | | | | | | | | | | | | | | | | |
|  | 1. **Penyata Pendapatan :**   *Statement of Income* | | | | | | | | | | | | | | | | |
|  | 1. **Unjuran Aliran Tunai :**   *Projected Cash Flow :* | | | | | | | | | | | | | | | | |
|  | 1. **Keupayaan Dan Kemampuan Pemasaran Industri /** *Marketing Capability And Capacity By Industry* | | | | | | | | | | | | | | | | |
| **i) Sumber Kewangan :**  *Financial Resources :* | | | | | | | | | | | | | | | | |
| **ii) Strategi Pemasaran :**  *Marketing Strategy :* | | | | | | | | | | | | | | | | |
| **iii) Rangkaian Edaran :**  *Distribution network :* | | | | | | | | | | | | | | | | |
| **iv) Pertalian Strategik :**  *Strategic relationship :* | | | | | | | | | | | | | | | | |
|  | 1. **Impak Dan Sumbangan Projek Kepada Sosioekonomi Negara** /  *Impact And Contribution Of The Project To Socio-Economic* | | | | | | | | | | | | | | | | |
| **i) Pekerjaan :**  *Employment :* | | | | | | | | | | | | | | | | |
| **ii) Ekonomi :**  *Economy:* | | | | | | | | | | | | | | | | |
| **iii) Pewujudan Perniagaan Baru :**  *Creating a New Business :* | | | | | | | | | | | | | | | | |
| **iv) Pewujudan IP baru :**  *The creation of new IP :* | | | | | | | | | | | | | | | | |
| **v) Modal Insan yang berkemahiran tinggi :**  *Highly skilled human capital :* | | | | | | | | | | | | | | | | |
| **vi) Jaringan Industri-Universiti :**  *Industry-University Networking :* | | | | | | | | | | | | | | | | |
| **vii) Lain-lain :**  *Others :* | | | | | | | | | | | | | | | | |
| **E.** | **Kemudahan Sedia Ada Untuk Kegunaan Bagi Projek Ini /**  *Access To Equipment And Material* | | | | | | | | | | | | | | | | |
|  | **Peralatan /**  *Equipment* | | | | | | | | | | **Tempat** */*  *Location* | | | | | | |
|  | | | | | | | | | |  | | | | | | |
| **F.** | **Belanjawan** */ Budget* | | | | | | | | | | | | | | | | |
|  | **Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir – butir perbelanjaan lengkap dengan berpandukan kepada garis panduan yang dilampirkan.**  *Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached.* | | | | | | | | | | | | | | | | |
| **Butiran belanjawan /**  *Budget details* | | **Jumlah yang dipohon**  **oleh pemohon /**  *Amount requested by applicant* | | | | | | | | | | | **Catatan /** *Note* **:** | | | |
| **Tahun 1**  *Year 1*  (RM) | | | **Tahun 2**  *Year 2*  (RM) | | **Tahun 3**  *Year 3*  (RM) | | | | | **Jumlah** *Total*  (RM) |
| **(i)** | **Vote 11000 -**  **Upah dan Elaun /**  *Salary and wages*  **Untuk Pembantu Penyelidik Siswazah (GRA)**  *To Graduate Research Assistant*  ***Sila nyatakan secara lengkap dengan pecahannya sekali.***  *Please specify* | |  | | |  | |  | | | | |  |  | | | |
|  | **Butiran belanjawan** */*  *Budget details* | | **Jumlah yang dipohon**  **oleh pemohon /**  *Amount requested by applicant* | | | | | | | | | | | **Jumlah yang diluluskan oleh Naib Canselor/ TNC (P&I)/Pengarah RMC**  *Amount approved by VC/Dep.VC*  *(R&D)/Director of RMC* | | | |
| **Tahun 1**  *Year 1*  (RM) | | | **Tahun 2**  *Year 2*  (RM) | | **Tahun 3**  *Year 3*  (RM) | | | | | **Jumlah**  *Total*  (RM) |
| **(ii)** | **Vote 21000 -**  **Perjalanan dan Pengangkutan /**  *Traveling and Transportation*  ***Sila nyatakan secara lengkap dengan pecahannya sekali.***  *Please specify* | |  | | |  | |  | | | | |  | **Sila nyatakan bajet secara keseluruhan**  *Please Indicate the overall Budget* | | | |
| **(iii)** | **Vote 24000 -**  **Sewaan**  *Rental*  **Sila nyatakan secara lengkap dengan pecahannya sekali.**  *Please specify* | |  | | |  | | |  | | | |  |  | | | |
| **(iv)** | **Vote 27000 -**  **Bekalan dan Bahan Penyelidikan**  *Research Materials & Supplies*  **Sila nyatakan secara lengkap dengan pecahannya sekali.**  *Please specify* | |  | | |  | | |  | | | |  |  | | | |
|  | **Butiran belanjawan /**  *Budget details* | | **Jumlah yang dipohon**  **oleh pemohon /**  *Amount requested by applicant* | | | | | | | | | | | **Catatan /** *Note :* | | | |
| **Tahun 1**  *Year 1*  (RM) | | | **Tahun 2**  *Year 2*  (RM) | **Year 3**  Tahun 3  (RM) | | | | | **Total**  Jumlah  (RM) | |
| **(v)** | **Vote 28000 -**  **Baik pulih kecil dan ubahsuai /**  *Maintenance and Minor Repair Services*  **Sila nyatakan secara lengkap dengan pecahannya sekali /**  *Please specify* | |  | | |  |  | | | | |  | |  | | | |
| **(vi)** | **Vote 29000 -**  **Perkhidmatan Ikhtisas /**  *Professional Services*  **Sila nyatakan secara lengkap dengan pecahannya sekali /**  *Please specify* | |  | | |  |  | | | | |  | |  | | | |
| **(vii)** | **Vote 35000 -**  **Aksesori dan Peralatan /**  *Accessories and Equipment*  **Sila nyatakan secara lengkap dengan pecahannya sekali /**  *Please specify* | |  | | |  |  | | | | |  | |  | | | |
| **JUMLAH BESAR /**  *TOTAL AMOUNT* | | |  | | |  |  | | | | |  | |  | | | |
| **G.** | **Akuan Pemohon (tandatangan asal / hidup sahaja) /** *Declaration by applicant*  **(Sila tanda ( √ ))** */ (Please tick ( √ )):* | | | | | | | | | | | | | | | | |
|  | **Saya dengan ini mengaku bahawa:**  *I hereby declare that:*   1. **Semua maklumat yang diisi adalah benar, JPT berhak menolak permohonan atau membatalkan tawaran pada bila-bila masa sekiranya keterangan yang dikemukakan adalah tidak benar**   *All information stated here is accurate, MoHE have the right to reject or to cancel the offer without prior notice if there is any inaccurate information given.*   1. **Permohonan projek penyelidikan ini dikemukakan untuk memohon peruntukan di bawah Geran MyLAB***.*   *This research project application is submitted for the application for MyLAB Grants.*  **Tarikh : Tandatangan Pemohon *:* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Date : Applicant’s Signature* **:**  **Tarikh : Tandatangan Pemohon : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Date : Collaborator’s (IPT 1) Signature :*  **Tarikh : Tandatangan Pemohon : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Date : Collaborator’s (IPT 2) Signature :*  **Tarikh : Tandatangan Pemohon : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  *Date : Industry’s Signature :* | | | | | | | | | | | | | | | | |
| **H.** | **Perakuan Naib Canselor/Timbalan Naib Canselor(P & I)/Pengarah Pusat Pengurusan Penyelidikan (tandatangan asal / hidup sahaja) /**  *Recommended by Vice Chancellor/Deputy Vice Chancellor (Research and Innovation)/Director of Research Management Center* | | | | | | | | | | | | | | | | |
|  | **Sila tandakan ( √ )**  *Please tick ( √ )*  **Diperakukan:**  *Recommended:*   1. **Disokong**   *Recommended*     1. **Tidak Disokong**   *Not Recommended*      **Ulasan:**  *Comments:*  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  --------------------------------------------------------------------------------------------------------------------------------------------  **Nama: Tandatangan:**  *Name: Signature:*    **Tarikh:**  *Date:* | | | | | | | | | | | | | | | | |

**Nota: SEMUA PERMOHONAN DIANGGAP SULIT. KEPUTUSAN JAWATANKUASA PENILAI MyLAB JPT, KPT ADALAH MUKTAMAD. /** *APPLICATIONS SUBMITTED WILL BE TREATED IN FULL CONFIDENCE. THE DECISION OF THE MyLAB GRANT SCHEME MAIN COMMITTEE MoHE IS FINAL.*