**BORANG NRGS – A1 (R)**

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| **Kod Rujukan:** |  |

 **(Diisi oleh RMC)**

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|  | **HERBAL DEVELOPMENT OFFICE (HDO)** **MINISTRY OF AGRICULTURE AND AGRO-BASED****INDUSTRY, MALAYSIA****NKEA EPP#1 RESEARCH GRANT SCHEME (NRGS) APPLICATION FORM***Skim Geran Penyelidikan NRGS NKEA EPP#1**(Pindaan 4/2014)* |
| **A.** | **TITLE OF PROPOSED RESEARCH***TAJUK PENYELIDIKAN YANG DICADANGKAN* |
|  |  |
| **B.** | **DETAILS OF RESEARCHER** / *MAKLUMAT PENYELIDIK* |
| **i.** | **Name of Project Leader:***Nama Ketua Projek:*    | **IC / Passport Number:***No. Kad Pengenalan/ Pasport:* |
| **ii.** | **Position (Please tick ( √ )):***Jawatan (Sila tanda ( √ )):* |
|  |  | **Principal** **Researcher / Professor***Penyelidik Principal / Profesor* |  | **Senior Researcher / Assoc. Prof. / Sen. Lect.** *Penyelidik Kanan / Prof. Madya / Pensyarah Kanan*  |
|  |  |
| **iii.** | **Research Institution / Centre / Unit / Faculty /School / (Please provide full address):***Institusi Penyelidikan / Jabatan / Pusat / Unit / Fakulti / Pusat Pengajian / (Sila nyatakan alamat penuh):* |
| **iv.** | **Office Telephone No.:** *No. Telefon Pejabat:* | **Handphone No.:***No. Telefon Bimbit:* |
| **v.** | **E-mail Address:***Alamat e-mel:* |
| **vi.** | ***Date of first appointment with this organisation:****Tarikh mula berkhidmat dengan organisasi ini:* |
| **vii.** | ***Type of Service (Please tick ( √ )):****Jenis Perkhidmatan (Sila tanda ( √ )):* |
|  |  | **Permanent***Tetap* |  | **Contract (State contract expiry date):***Kontrak (Nyatakan tarikh tamat kontrak):*  |
|  |  |
| **C.** | **DETAILS OF DMO/HDO ANCHOR COMPANY***MAKLUMAT SYARIKAT PENERAJU (where applicable)* |
| **i.** | **Name of Company Director:***Nama Pengarah Syarikat :* | **IC / Passport Number:***No. Kad Pengenalan/ Pasport:* |
| **ii.** | **Name of Company:** *Nama Syarikat:*  | **Company Registration Number:***No. Pendaftaran Syarikat:* |
| **iii.** | **Full Address of Company:***Alamat Penuh Syarikat:* |
| **iv.** | **Office Telephone No:** *No. Telefon Pejabat:*  | **Handphone No:***No. Telefon Bimbit:* |
| **v.** | **E-mail Address:***Alamat e-mel* |
| **D.** | **RESEARCH INFORMATION /** *MAKLUMAT PENYELIDIKAN* |
|  |  |
| 1. |  | **Tongkat ali** *(Eurycoma longifolia)* | 2. |  | **Pegaga** *(Centella asiatica)* |
|  |  |  |  |  |  |
|  | 3. |  | **Kacip fatimah** (*Labisia pumila*) | 4. |  | **Mengkudu** *(Morinda citrifolia)* |
|  |  |  |  |  |  |
| 5. |  | **Misai kucing** *(Orthosiphon stamineus*) | 6. |  | **Roselle** *(Hibiscus sabdariffa)* |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 7. |  | **Dukung anak** (*Phyllanthus niruri / amarus*) | 8. |  | **Mas cotek** *(Ficus deltoidea)* |
|  |  |  | **Hempedu bumi** (*Andrographis paniculata*) |  |  | **Belalai gajah** (*Clinacanthus nutans)* |
| 9. |  | 10. |  |
|  |  |  |  |  |  |  |
| 11. |  | **Halia** *(Zingeber officinale Roscoe)* | 12. |  | **Peria katak**(*Momordica charantia*) |
|  |  |  |  |  |  |
| 13. |  | **Gelenggang***(Cassia alata)* | 14. |  | **Lempoyang***(Zingiber zerumbet)* |
|  |  |  |  |  |  |
| 15. |  | **Sambung nyawa***(Gynura procumbens)* | 16. |  | **Sireh / Kadok***(Piper betle / Piper sarmentosum)* |
|  |  |  |  |  |  |
| 17. |  | **Senduduk***(Melastoma malabathricum)* | 18. |  | **Merunggai***(Moringa oleifera)* |
| * **Must have the potential to contribute in increased GNI.** *Mesti mempunyai potensi untuk menyumbang kepada peningkatan GNI*.
 |
| **ii.** | **Research Area (Please tick ( √ )):***Bidang Penyelidikan (Sila tanda ( √ )):* |
|  |  | **Processing Technology/***Teknologi Pemprosesan\** |
|  | **Agronomy and Crop Production /** *Agronomi dan Pengeluaran Tanaman\** |
| X | **Discovery /** *Penemuan\** |
| X | **Standardization and Product Development /** *Piawaian dan Pembangunan Produk\** |
| X | **Clinical and Pre-clinical** / Klinikal & Pra-klinikal# |
|  |
|  **\* Open to researchers from Research Institutes / universities / colleges** *Terbuka kepada penyelidik dari Institut Penyelidikan / IPTA / IPTS*  **#  Open for company** *Khusus untuk permohonan syarikat* |
|  | X | **Kotak yang bertanda (x) permohonan tidak dibuka buat masa ini** |
|  |
| **iii.** | **Location of Research:***Tempat penyelidikan dijalankan:* |
| **iv.** | **Duration of this research (Maximum 24 months):***Tempoh masa penyelidikan ini (Maksimum 24 bulan):* |
|  | **Duration :** |  |  |
|  | *Tempoh :* |  |
|  |  |  |
|  | **From :** |  |
|  | *Dari :* |  |
|  |  |  |  |
|  | **To :** |  |  |
|  | *Hingga :* |  |
|  |  |
| **iv.** | **Other Researchers / Contract Research Organisations (CROs):** *Ahli-ahli penyelidik yang lain / Syarikat Penyelidikan Kontrak: (Please include your curriculum vitae)* |
| **Bil** | **Nama***Nama* | **IC / Passport****Number:***No. Kad Pengenalan / Pasport:* | **Centre / Unit / Faculty/ School***Pusat / Unit / Fakulti / P. Pengajian*  | **Academic Qualification / Designation** *Tahap Kelayakan**Akademik / Jawatan* | **Signature/ Proof of Consent** *Tandatangan / Bukti persetujuan* |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |
| 7. |  |  |  |  |  |
|  |
| **v.** | **Research projects that have been completed or ongoing by researchers for the last three years. Please provide title of research, duration, year commence, year ending and budget approved.***Sila sediakan maklumat termasuk termasuk tajuk, tempoh, tahun mula dan tahun tamat bagi penyelidikan yang sedang/telah dijalankan oleh penyelidik-penyelidik di dalam tempoh tiga tahun terakhir.* |
| **Bil.** | **Title of Researh***Tajuk penyelidikan* | **Duratin***Tempoh* | **Start Date***Tarikh mula* | **End Date***Tarikh tamat* | ***Budget Approved****Baget diluluskan* |
| 1. |  |  |  |  |  |
| 2. |  |  |  |  |  |
| 3. |  |  |  |  |  |
| 4. |  |  |  |  |  |
| 5. |  |  |  |  |  |
| 6. |  |  |  |  |  |
| 7. |  |  |  |  |  |
|  |
| **vi.** | **Please furnish information on academic publications that has been published by the researchers for the last five (5) years. (Example: Journals, Books, Chapters in books, etc)***Sila kemukakan maklumat berkaitan penerbitan akademik yang telah diterbitkan oleh penyelidik dalam tempoh lima (5) tahun terakhir. (Contoh: Jurnal, buku, bab dalam buku, dll)* |
| **Bil.** | **Name of researcher Year published /Title of publication / Name of journals / books***Nama penyelidik / Tahun diterbitkan / Tajuk penerbitan* / *Nama jurnal / buku* |
| 1. | Mengikut format A.P.A |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |
| **Note:** **Listing in descending order, by year** *Sila senaraikan mengikut yang terkini* |
| **vii.** | **Executive Summary of Research Proposal (maximum 300 words)****(Please include the background of research, literature reviews, objectives, research methodology and expected outcomes from the research project)***Ringkasan Cadangan Eksekutif Penyelidikan (maksima 300 patah perkataan)**(Meliputi latar belakang penyelidikan, kajian literatur, kaedah penyelidikan, objektif dan jangkaan hasil penyelidikan)* |
| **x.** | **Detailed proposal of research project:***Cadangan penyelidikan secara terperinci:***(a) Research background including hypothesis / research questions and literature reviews***Keterangan latar belakang penyelidikan termasuk hipotesis / persoalan penyelidikan dan kajian literatur*. |
| **(b) Objective/s of the research***Objektif penyelidikan***Example** /*Contoh:***This study embarks on the following objectives:**1. *To investigate*

*2) To assess**3) To investigate* *4) To make recommendation based on*  |
|  | **(c) Research methodology** *Kaedah penyelidikan* **Please include** / *Sila nyatakan* :***1. Description of Methodology******2. Flow chart of research activities ( Please enclose in the Appendix A )******3. Gantt chart of research activities (Please enclose in the Appendix B)*** ***4. Milestones and dates*** |
| **(d) Expected results/benefit** *Jangkaan hasil penyelidikan* |
| **1.** | ***Novel theories / new findings / knowledge (algorithm, data, hypothesis, IPR, structure, theories, prototype / demonstrator, method / technique, new / improved material, new / improved process, new / improved product / device)*** |
| **2.** | ***Research publications*** |
| **3.** | ***Specific or potential applications*** |
| **4.** | ***Human capital and expert development (number of post doctorate;*** ***doctorate degree; master degree; bachelor degree; research staffs*** ***with new specialization*)** |
| **5.** | ***Economic contribution of the project (sales of manufactured product / device; royalties from sales / licencing; revenues from consultancies; cost savings; time savings; others (Please specify)).*** |
| **6.** | ***Infrastructural contribution of the project (new equipment; new / improved facilities / new information networks; other (Please specify)).*** |
| **E.** | **ACCESS TO EXISTING EQUIPMENT AND MATERIAL** *KEMUDAHAN SEDIA ADA UNTUK KEGUNAAN BAGI PENYELIDIKAN INI* |
|  |  |
| **Bil.** | **Equipment***Peralatan* | **Location***Tempat* |
| **1.** | **Contoh :****HRTEM** | **UiTM** |
| **2.** |  |  |
| **3.** |  |  |
| **4.** |  |  |
| **5.** |  |  |
| **6.** |  |  |
|  |
| **F.** | **BUDGET** */ BELANJAWAN* |
|  | **Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached.***Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir–butir perbelanjaan lengkap dengan berpandukan kepada garis panduan yang dilampirkan.* |
| **Budget details***Butiran belanjawan* | **Amount requested** *Jumlah yang dimohon*  | **Amount approved by HDO***Jumlah yang diluluskan oleh HDO* |
| **Year 1**Tahun 1 (RM) | **Year 2**Tahun 2 (RM) | **Total** Jumlah (RM) |
| **i.** | **Vote 11000 –****Salary and wages** Upah dan ElaunUntuk Pembantuk Penyelidik (RA) atauPembantu Penyelidik Siswazah (GRA)Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **ii.** | **Vote 21000 - Travelling and Transportation***Perjalanan dan Pengangkutan*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **iii.** | **Vote 24000 - Rental** *Sewaan*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **iv.** | **Vote 27000 - Research Materials & Supplies***Bekalan dan Bahan**Penyelidikan*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **v.** | **Vote 28000 - Maintenance and Minor Repairs***Baik pulih kecil dan ubahsuai*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **vi.** | **Vote 29000 - Professional Services** *Perkhidmatan Ikhtisas*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **vii.** | **Vote 35000 - Accessories and Equipment***Aksesori dan Peralatan*Please specify in detail*Sila nyatakan dengan lengkap termasuk perincian sekali* |  |  |  |  |
| **x.** | **TOTAL AMOUNT***JUMLAH BESAR* |  |  |  |  |
|  |  |
| **G.** | **DECLARATION BY APPLICANT /** *AKUAN PEMOHON**(PLEASE TICK ( √ )): / (SILA TANDA ( √ )):* |
|  | **I hereby confess that:***Saya dengan ini mengaku bahawa:* |
|  |  | **1. All information stated here are accurate. HDO has the right to reject or to cancel the offer without prior notice if there is any inaccurate information given.***Semua maklumat yang diisi adalah benar. HDO berhak menolak permohonan atau membatalkan tawaran pada bila-bila masa sekiranya keterangan yang dikemukakan adalah tidak benar.* |
|  |
|  |
|  | ***2.* Application of this research project is presented only for the NKEA Research Grant Scheme (NRGS).***Permohonan projek penyelidikan ini dikemukakan hanya untuk memohon peruntukan di bawah Geran* *Penyelidikan NKEA (NRGS).* |
|  |
|  |
|  | **3.Application of this research project is also presented for the other reasearch grant/s (grant’s** **name and total amount)***Permohonan projek penyelidikan ini juga dikemukakan untuk memohon peruntukan geran penyelidikan dari (nama geran dan jumlah dana).* |
|  |
|  |
|  | **Date :***Tarikh :* | **Applicant’s Signature:***Tandatangan Pemohon :*  |
| **Seal /** Cop Rasmi  |
| **I.** | **RECOMMENDED BY DIRECTOR OF RESEARCH MANAGEMENT CENTER (RMC) / VICE CHANCELLOR / DEPUTY VICE CHANCELLOR (RESEARCH AND INNOVATION)***PERAKUAN OLEH PENGARAH PUSAT PENGURUSAN PENYELIDIKAN (RMC) / NAIB CANSELOR / TIMBALAN NAIB CANSELOR (PENYELIDIKAN DAN INNOVASI)* |
|  | **Please tick ( √ )***Sila tandakan ( √ )***Recommended:***Diperakukan:* |
|  |  | **A. Highly Recommended** |
| *Sangat disokong* |
|  |  |
|  | **B. Recommended** |
| *Disokong* |
|  |  |
|  | **C. Not Recommended (Please specify reason)** |
| *Tidak Disokong (Sila Nyatakan Sebab)* |
|  |
| **Comments:***Ulasan:*------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------ |
| **Name:***Nama :* | **Signature :***Tandatangan :* |
| **Date :***Tarikh :* |  |

**Note : APPLICATIONS SUBMITTED WILL BE TREATED AS CONFIDENTIAL. THE DECISION OF THE NKEA EPP#1 RESEARCH GRANT SCHEME MAIN COMMITTEE IS FINAL**.

Semua permohonan dianggap sulit. Keputusan Jawatankuasa Induk Skim Geran Penyelidikan NKEA EPP#1 adalah **MUKTAMAD.**