**TECHINNOVATION TECH OFFER FORM**

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| **General Guidelines** |

Kindly take note of the following details before filling up your Tech Offer:

* The Tech Offer will be showcased on 2 websites: IPI’s Virtual Marketplace and TechInnovation.
* To follow the policy of IPI’s website, the information provided for this Tech Offer should not contain the following information: owner’s identity, trademarks, brand names, etc., and be written in the third-person point of view.
* Images provided should be representative of the technology and should not contain information that could potentially lead to the identification of the technology owner. You should obtain the relevant rights to use these images.
* The technology will be kept agnostic for IPI to assist in filtering unrelated queries.
* You may refer to the published Tech Offers on IPI’s [Innovation Marketplace](https://www.ipi-singapore.org/tech-offers) for reference. Selected examples as follows:
  + <https://www.ipi-singapore.org/tech-offers/174873/proprietary-tech-to-create-low-glycaemic-index-food-beverage-applications.html>
  + <https://www.ipi-singapore.org/tech-offers/174834/low-energy-carbon-dioxide-free-hydrogen-production.html>
* A condensed version of the Tech Offer will later be mirrored onto the TechInnovation website and tagged to your exhibitor page, any additional information such as brand names, and trademarks can be applied here, and exhibitors should obtain the relevant rights to use these accordingly.
* The completed Tech Offer document is to be submitted within **7 working day**s of receipt.

**Tech Offer Write-up**

**Title (capitalise each new word)**

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**Technology Overview (50 – 250 words)**

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*A brief summary or description of the invention - What is the problem solved by this technology?   
Who is going to buy this technology? How is this IP addressing a need/problem in the marketplace?   
Note: Please do not mention your company or brand in any of the descriptions.*

**Keywords**

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*Specify some keywords that can help others to quickly search for your technology.*

**Technology Readiness Level (****TRL)**

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| Choose TRL Level. |

*Refer to* [***Annex A***](#AnnexA) ***– Technology Readiness Level Reference Table*** *for details.*

**Technical Features & Specifications (50 – 250 words)**

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*What does the technology consist of? E.g. Video camera, software algorithm  
Who is/are the ideal collaboration partner(s) in the value chain? E.g. medical institutions, device manufacturers*

**Potential Applications (50 – 250 words)**

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*In which industry can this technology be deployed? What applications do you foresee that this technology can be applied in? What products can be marketed based on this technology?*

**Market Potential (Optional)**

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*What is the approximate market size for this technology? What makes this technology attractive to the market?*

**Unique Value Proposition (20 – 250 words)**

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*How is this technology an improvement over the current "State-of-the-Art"?   
What is the Unique Value Proposition (UVP) in comparison to the current “State-of-the-Art”?*

**Technology Categories**

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*E.g. Chemicals; Electronics; Energy; Environment; Clean Air & Water; Foods; Green Building; Healthcare; Infocomm; Life Sciences; Logistics; Manufacturing; Materials; Personal Care; Waste Management & Recycling*

**Preferred Business Model:**

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| --- | --- | --- |
| R&D Collaboration | Licensing | IP Acquisition |
| Test-Bedding |  |  |

**Ideal Collaboration Partner / Collaboration Model:**

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*Provide information about the type of collaboration partners you’d like to work with e.g. Institute of Higher Learning (IHLs), food testing laboratories, wafer fabrication partners, deep-tech companies with data analytics capabilities*

**Others:**

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*Please provide any additional information about this Tech Offer, or any information that you want to include in the TechInnovation website here.*

**Please indicate if you would like to pitch this technology at Crowdpitching segment on 28, 29 Oct or 30 Oct 2024:**

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| Choose an item. |

Please also provide the following materials for your Tech Offer upon submission of this form:

1. **Representative Image(s)**

*Please provide at least two representative images (landscape: 1000 x 540 pixels, square: 400 x 400 pixels; or higher) that best describes the technology. Allowed file types: jpg, jpeg, png, gif.*

ii) **Attachments\* (if any)**

*Any additional non-confidential information or attachments that will assist in understanding the technology in greater detail, e.g. technology brochure, related test reports, patent document, journal articles, etc.*

*\* Note: These will be used solely for the purpose of understanding the technology and developing an accurate write-up on this technology.*

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| **For internal use and reference only (Not published on IPI’s website):** |
| **Organisation Information**   |  |  |  |  | | --- | --- | --- | --- | | Organisation Name: |  | | | | Contact Person: |  | | | | Email: |  | Phone: |  | | **IP Protection**: |  | | |   *E.g. Patented, Patent Application in Progress, Trade Secret, etc. Please list registered patent application and granted patent numbers if applicable.* |

**Declaration**

To facilitate the conduct of the Services by IPI, the Company agrees that IPI may disclose the Company’s Tech Offer to:

IPI’s technology partners to enable IPI to perform the Services, and where necessary, the IPI shall notify such technology partners of the need to execute a separate confidentiality agreement with the Company.

Publish the Tech Offer on IPI’s web portal, newsletter and editorials so that IPI can leverage its network to help find suitable partners for the Company; however such publication shall first be anonymised such that the Company’s name is not disclosed in connection with the Tech Offer.

*Please tick the option(s) that applies.*

**Annex A: Technology Readiness Level (TRL) Reference Table**

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| **TRL** | **Physical Sciences & Engr** | **Healthcare (Pharmaceutical)** | **Healthcare (Medtech)** | **Healthcare (Diagnostics)** | **Simplified** |
| **1** | Basic principles observed | Basic principles observed | Basic principles observed | Basic principles observed | Proof-of-Concept |
| **2** | Technology concept formulated | Technology concept formulated | Technology concept formulated | Technology concept formulated | Proof-of-Concept |
| **3** | Experimental proof of concept | Experimental proof of concept in vitro and in vivo research models | Experimental proof of concept in vitro and in vivo research models | Experimental proof of concept in vitro | Proof-of-Concept |
| **4** | Technology validated in lab | Proof of concept demonstrated in defined laboratory/animal models | Proof of concept demonstrated in defined laboratory/animal models | Analytical validation | Prototype in Lab |
| **5** | Technology validated in relevant environment | Non-clinical and pre-clinical research studies, & initial demonstration of feasibility and efficacy | Product Development Plan |  |  |
| **6** | Technology demonstrated in relevant environment | Phase 1 clinical trials | Phase 1 clinical trials |  |  |
| **7** | System prototype demonstration in operational environment | Phase 2 clinical trials | Clinical safety and effectiveness trials in operational environment | Clinical validation in 1 site | Prototype in Live Environment |
| **8** | System complete and qualified | Phase 3 clinical trials | Overall risk-benefit Trials |  |  |
| **9** | Actual system proven in operational environment | Pharmaceutical can be distributed or marketed | Medical device can be distributed or marketed | Clinical validation in multi-site | Ready-to-Market |

Return to [TRL section](#TRL)