

Innovation Gateway @ PETRONAS

Submission for Technology Marketplace

No.	Information Checklist	Yes/No
1	<p>Engineering and Science behind the technology – this section should cover :</p> <ul style="list-style-type: none"> • The design, concept, idea and theory behind the technology/ solution; • Materials and resources needed to build the technology/ solution as a working system; • Processes that involves for the development of the technology/ solution; • Processes that involves during the operation of the technology/ solution on field; • Recommended system to install, test, commission, maintenance, replacement and decommission of the technology/ solution 	
2	<p>Technical parameters and technology limits –</p> <ul style="list-style-type: none"> • Environment that best suited for the technology/ solution and to highlight conditional pre-requisites (if any); • Resource requirements (utilities) such as the use of energy, space, water and other ancillary equipment; • Installation method, mobilization and demobilization process which includes project duration etc. • Resource requirements (technical skills) to install, test and commission operate, maintain the technology/ solution; • The technical and operational standards are in order 	
3	<p>Proposal for take-up by PETRONAS –</p> <ul style="list-style-type: none"> • The technology/ solution is applicability within PETRONAS operation & supply chain (to identify or propose the potential site(s)); • The potential value creation such as the cost avoidance, efficiency or direct improvement of yield etc. that the technology/ solution will be able to provide to PETRONAS; • Technology comparison with conventional/ current solution in the market; • Compliance to PETRONAS Technical Standards or other renowned technical standards; 	
4	<p>Technology validation –</p> <ul style="list-style-type: none"> • Track records of previous installation (not limited to PETRONAS), feedback from clients and close-out report; • Technical papers submitted/ presented and awards/ recognitions by renowned institutions; • Technical approval by an independent third-party verified i.e. SIRIM, TUV, Bureau Veritas etc. 	
5	<p>Image and animation –</p> <ul style="list-style-type: none"> • Technology images/ animation; • Schematic diagram to show the work processes 	