

PETRONAS TECHNOLOGY CHALLENGE – PROPOSAL MINIMUM REQUIREMENTS

Section A: Company Information

1. Company Name
2. Company Website
3. Contact Number
4. Company Registration Number (for Malaysian company)
5. PETRONAS Licensed Number (if applicable)
6. Company Address
7. Contact Person
8. Position
9. Contact Number
10. Email
11. Business Type (*Oil and Gas Services/Research Institute/Manufacturing/Technology Company/Others (please specify)*)
12. Company Profile (*please attach*)

Section B: Proposed Technology

1. About technology
 - a) Technology Name
 - b) Technology Description
 - c) Technology Usage/Purpose of Technology
 - d) Refrigerant type (composition)
 - e) Process schematic of the refrigeration process
 - f) Number of equipment
 - g) Refrigeration system weight and footprint
 - h) Refrigerant flowrate
 - i) Power consumption
 - j) Utility requirement (if any)
 - k) Footprint (L x W x H)
 - l) Advantages of Technology
 - m) Technology Qualification/Certification (*List of certification obtained, if any*)
 - n) Technology ownership – own technology / agent (exclusive/non-exclusive)
 - o) Technology partner details (*if applicable*)
 - p) Product Image
 - q) YouTube URL/Video Link (*if applicable*)
 - r) Attachments (*Publication/Technology Specifications/Brochure/etc.*)
2. Current Technology Readiness Level (TRL) Based on API17N (*including evidences*)
3. Technology deployment timeline/plan i.e. engineering to deployment

PETRONAS TECHNOLOGY CHALLENGE – PROPOSAL MINIMUM REQUIREMENTS

4. Intellectual Property Ownership
 - a) Patent Details
 - Title
 - Patent Number
 - Patent Owner
 - Filing Date & Countries
 - Freedom to Operate

Section C: Commercial

1. Budgetary quotation
 - a) Estimated cost