

TECHNICAL SPECIFICATION FOR TECHNOLOGY CHALLENGE 7:

**TECHNOLOGY SOLUTION FOR CRACK-RESISTANT, LIQUID-TIGHT AND MAINTENANCE-FREE
TANK SUMP AND DISPENSER SUMP AT PETRONAS STATIONS.**

No	Parameters	Value
1	Guidelines, Standards & Certification	KIWA Evaluation Guidelines or equivalent
2.	Dimension & Size	Open to all sump size for underground tank & dispenser
3.	Design working life	25 years
4.	Preventive Maintenance Requirement	None (Zero Maintenance)
5.	Cost Effective	Current sump for dispenser (RM4k) & tank (RM5k)
6.	Design & Material Selection	<ul style="list-style-type: none">• Liquid Tight• Robust and resistance to geometrically nonlinear deformation problems• Easy installation, modification and repair• Able to retrofit current design with zero/minimum downtime