

APPENDIX B: Subject Mater Expertise Proforma

Company: _____

P.O.C: : _____

SYSTEM	SUB-SYSTEM	FUNCTIONAL COMPONENT	SME Experience (Y/N)
S-UAS			
	Security		
		Security Accreditation	
Air Vehicle			
	Airframe		
		Flight Control Surfaces	
		Fuselage	
		Pylons	
	C2		
		LOS Data Link	
		BLOS Data Link	
		Mission System	
		Autonomy	
		Tracking / Locating	
		Aerials & Antennas	
		Termination System	
	Data Communications		
		Communications Relay	
		Transponder	
		Aerials & Antennas	
		Networked Capability	
		Data Relay	
	Electrical Power Systems		
		Power Generation	
		Batteries	
		Energy Harvesting	
		Power Management & Distribution	
	Environmental Conditioning Systems		
		Heating	
		Cooling	
	Fuel System		
		Sensing & Avionics	
		Distribution / Delivery System	
		Refuelling	
	GNSS / Navigation		
		GNSS	
		INS	
		Guidance System	
	HUMS		
		Monitoring	

UAS CDC
Commercial in Confidence

		Reporting	
	Launch and Recovery		
		Landing Gear	
		Brakes and Anti-Skid System	
		Launch	
	Open Architecture		
		Standards	
		Mechanical Interface	
		Electrical Interface	
	Propulsion		
		Engine	
		Engine Control	
	Safety / Support Systems		
		Fire Detection and Suppression	
		Terrain Avoidance	
		Icing Protection	
		Position Limiting	
	Vehicle Control		
		Servos / Actuators	
		Sensing & Avionics	
		Variable Autonomy	
		Dynamic Management	
		Environmental Optimisation	
		Route Optimisation	
		Decision Algorithms	
		Mission Optimisation	
Payloads			
	Sensors		
		Flight Instrumentation	
		Environmental	
		Optical	
		Audio	
		Electronic Surveillance	
		Radar	
		SAR	
		CBRN	
	Novel Payloads		
		Laser Designation	
		Targeting	
		Unguided Weapons	
		Guided Weapons	
		Electronic Warfare	
		Soft Kill	
		Anti-jam	
		Aerial Delivery Systems	
		Laser Marker	
Ground Control System			
	C2		
		Ground Control / Manoeuvre	

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		LOS Data Link	
		BLOS Data Link	
		Guidance Commands	
		Mission System Execution	
		Autonomy	
		Tracking / Locating	
		Aerials & Antennas	
		Termination System	
	Data Communications		
		Communications Relay	
		Transponder	
		Aerials & Antennas	
		Networked Capability	
		Data Relay	
	Data Exploitation		
		Signal Processing	
		Sensor Fusion	
	Essential Services		
		Electrical Power Systems	
		Environmental Conditioning Systems	
		Display Systems	
		Deployment / Transportation	
	Fire Control		
		Fire Commands	
	Launch and Recovery		
		Arrestor Gear	
		Vehicle Recovery	
		Launch	
	Mission Control		
		Mission Planning	
RVT			
	Data Communications		
		Aerials & Antennas	
		Networked Capability	
		Communications Relay	
		Transponder	
		Data Relay	
	Data Exploitation		
		Signal Processing	
		Sensor Fusion	
Other: (Areas you consider relevant but not covered in the form)			