

Statement of Requirement (SoR)

Reference Number	1000161825
Version Number	1.0
Date	01/07/2021

1.	Requirement
1.1	Title
	Manufacture of sandwich components
1.2	Summary
	Dstl has developed designs (Dstl background IP) for sandwich panel components, and is purchasing physical demonstrators of the designs from TWI. TWI will impartially select the optimum manufacturing (joining) processes from their portfolio of capabilities, and will exploit their unique expertise in manufacturing (joining) to do so.
1.3	Background
	<p>Dstl has developed particular sandwich component designs. The component design, including geometry, materials, and indicative joining requirements have been specified by Dstl, and will remain Dstl background IP.</p> <p>TWI will manufacture components to the above design, whilst selecting and optimising the manufacturing (joining) process; which is all included in the purchase price.</p>
1.4	Requirement

	<p>Under NDA, Dstl has previously released details of the design of the sandwich components to TWI, for the purposes of obtaining a quote. This has included geometry (sketches, dimensions), materials, and joining requirements. As a final check and approval prior to commencing manufacture, TWI will re-confirm the proposed dimensions, configuration and manufacturing processes back to Dstl, including any proposed or necessary modifications. This will be in accordance with the security aspects letter.</p>
1.5	Options or follow on work
	<p>Not applicable</p>

1.6	Deliverables & Intellectual Property Rights (IPR)						
Ref.	Title	Due by	Format	TRL*	Expected classification (subject to change)	What information is required in the deliverable	IPR DEFCON/ Condition <i>(Commercial to enter later)</i>
D-1	REDACTED	T0+4 Months	Hardware	n/a	OS	<i>Hardware</i>	DEFCON 703 shall apply
D-2	REDACTED	T0+4 Months	Hardware	n/a	OS	<i>Hardware</i>	DEFCON 703 shall apply
D-3	REDACTED	T0+4 Months	Hardware	n/a	OS	<i>Hardware</i>	DEFCON 703 shall apply

*Technology Readiness Level required

1.7	Standard Deliverable Acceptance Criteria
1.8	Specific Deliverable Acceptance Criteria
	<p>Prior to commencing manufacturing, TWI will issue final confirmation of proposed geometry, materials and processes to Dstl, to enable a check and final agreement between Dstl and TWI to proceed to manufacturing. Final manufactured hardware will also be subject to a check to confirm that it meets the required specification; Dstl recognises that TWI might need to make some compromises and adjustments in order to optimise manufacturing processes and overcome manufacturing difficulties, and that TWI will use their best endeavours to achieve the required specification.</p>

2.	Quality Control and Assurance
2.1	Quality Control and Quality Assurance processes and standards that must be met by the contractor
	<p><input checked="" type="checkbox"/> ISO9001 (Quality Management Systems)</p> <p><input checked="" type="checkbox"/> ISO14001 (Environment Management Systems)</p> <p><input type="checkbox"/> ISO12207 (Systems and software engineering — software life cycle)</p> <p><input type="checkbox"/> TickITPlus (Integrated approach to software and IT development)</p> <p><input type="checkbox"/> Other: (Please specify below)</p>
2.2	Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement
	TWI's own processes will apply

3.	Security	
3.1	Highest security classification	
	Of the work	REDACTED
	Of the Deliverables/ Output	REDACTED
3.2	Security Aspects Letter (SAL)	
	<p>Yes</p> <p>If yes, please see SAL reference- REDACTED</p>	
3.3	Cyber Risk Level	
	Very low	
3.4	Cyber Risk Assessment (RA) Reference	
	<p>REDACTED</p> <p>If stated, this must be completed by the contractor before a contract can be awarded. In accordance with the Supplier Cyber Protection Risk Assessment (RA) Workflow please complete the Cyber Risk Assessment available at https://suppliercyberprotection.service.xgov.uk/</p>	

4.	Government Furnished Assets (GFA)				
GFA to be Issued -					
GFA No.	Unique Identifier/ Serial No	Description:	Available Date	Issued by	Return Date or Disposal Date (T0+)
1	SWCM_1	GFI – release of design specification	21/06/2021	REDACTED	End of contract

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5.	Proposal Evaluation criteria
5.1	Technical Evaluation Criteria
	Single source. Not applicable
5.2	Commercial Evaluation Criteria