

## **RCloud Tasking Form – Part B: Statement of Requirement (SoR)**

Title of Requirement         Remote-Observation Source Term Estimation Resource (ROSTER)			
Requisition No.	RQ000019822		
SoR Version	0.1		

1.	Statement of Requirements
1.1	Summary and Background Information
	Summary
	The objective of this work is to carry out fundamental research and development of a novel, probabilistic
	framework that will facilitate the integration, training, testing and evaluation of machine learning algorithms
	to detect and characterise REDACTED under FOI
	REDACTED under FOI
	Background
	Accurate predictions REDACTED under FOI require accurate knowledge of the source term parameters.
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	REDACTED under FOI
	This research therefore aims to identify, develop and test various DL methodologies within a STE context.
	REDACTED under FOI
	Objective
	The objective for this work is the development of a novel, probabilistic framework that will facilitate the integration, training, testing and evaluation of machine learning algorithms <b>REDACTED under FOL</b>
	REDACTED under FOI
1.2	Requirement

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1.3	Options or follow on work (if none, write 'Not applicable') REDACTED under FOI
	REDACTED under FOI

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RCloud (version 4) Tasking Form – Part B (Statement of Requirement (SoR)) Version 1.0 (December 2020) Page 5 of 13 OFFICIAL

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1.4	Contract Management Activities
	The Contractor shall update Dstl by monthly progress updates via teleconference calls and accompanying progress email. The Contractor shall submit to Dstl quarterly reports with a culmination of submission of an annual report at the end of the base period.  REDACTED under FOI  Monthly Status Report must include quantitative estimates of, performance and schedule. It includes a cost statement that must be broken down by monthly and cumulative expenditures to date for a) labor (by category), b) materials and equipment, c) travel, d) other direct costs, e) indirect costs, and f) total funding to date. This report shall also include a brief narrative of effort covered in the period and major accomplishments. This is not intended to be a technical document but to serve as a top-level management tool. Contractor format is acceptable. Monthly reports may serve as the foundation for Interim Progress Reviews.
1.5	Health & Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement



1.6	Deliverables & Intellectual Property Rights (IPR)					
Ref.	Title	Due by	Format	Expected classifica tion (subject to change)	What information is required in the deliverable	IPR Condition
PM1	Progress reports	Bi-weekly /	Monthly written report (e-	Official	Progress towards project aims/deliverables.	REDACTED under FOI
		monthly /	mail is fine);		Risks/issues.	
		Quarterly reports	Bi-weekly telecons;		Template to be provided for monthly reporting.	
		End of year report	Quarterly face-to-face			
		required by 14 <sup>th</sup>	meeting.			
		July 2023 at the				
		latest.				





						REDACTED under FOI
Task 1.3	REDACTED under FC1	July 14 <sup>th</sup> 2023	Word + PDF document +	Official	See Task 1.3 Requirement          REDACTED under FOI         .	REDACTED under FOI         Image: Im
Task 2.1	technical report.	T0+18 months	Word + PDF document +	Official	REDACTED under FOI	REDACTED under FOI

RCloud (version 4) Tasking Form – Part B (Statement of Requirement (SoR))

Version 1.0 (December 2020)

Page 9 of 13

Insert Classification







						Full Rights Version of
						deliverable required
Task 3.1	REDACTED under FOI	T0 +28 months	Word + PDF document + source code	Official	See Task 3.1 Requirement REDACTED under FOI	REDACTED under FOI
Task 3.2	REDACTED under FOI	July 18 <sup>th</sup> 2025	Word + PDF document +	Official	See Task 3.2 Requirement           REDACTED under FOI	REDACTED under FOI

RCloud (version 4) Tasking Form – Part B (Statement of Requirement (SoR))

Version 1.0 (December 2020)

Page 11 of 13



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RCloud (version 4) Tasking Form – Part B (Statement of Requirement (SoR)) Version 1.0 (December 2020) Page 12 of 13

1.7	Deliverable Acceptance Criteria

Page 13 of 13