

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

Title of Requirement	Customised Shape Chargers for use on Zeus Project Trials
Requisition No.	RQ0000012829 PO: DSTL0000006247
SoR Version	0.1

1.	Statement of Requirements
1.1	Summary and Background Information
	<p>The ZEUS Project aims to develop a novel IED disruptor tool by passing high energy electric currents through a shaped charge copper jet. The concept has been proven using a COTS shaped charge Redacted under FOIA Section 26 – Defence however this model has now been discontinued and an alternative charge is required to continue this research.</p> <p>Consequently there is a requirement to manufacture a batch of charges of similar design and NEQ Redacted under FOIA Section 26 – Defence.</p> <p>Dstl require the manufacture of 60 x Explosive Shaped Charges to be manufactured and delivered to COTEC for use on the ZEUS Project trials. Charges must:</p> <ul style="list-style-type: none"> • Have a copper liner • Have a plastic casing • Be filled with CompA4 explosive with an NEQ of between 40g and 75g • Be capable of being initiated via an RP80 detonator
1.2	Requirement
	<p>Dstl require 60 x Explosive Shaped Charges with the following essential requirements: ESSENTIAL REQUIREMENTS:</p> <ul style="list-style-type: none"> • Copper Liner • CompA4 Explosive Fill • NEQ between 50g and 75g • Plastic Casing • Initiated via RP80 Detonator <p>Dstl also require the Engineering Drawings of the Charge design and delivery of all 60 x Explosively-filled charges to the following address:</p> <p>Cranfield Ordnance Test and Evaluation Centre (COTEC) Gore Cross West Lavington Devizes Wiltshire SN10 4NA</p>
1.3	Options or follow on work <i>(if none, write 'Not applicable')</i>

	<p>Depending on results from trials involving these charges, the Contractor provides Dstl with the irrevocable option to:</p> <ul style="list-style-type: none"> • Modifying design and producing batch of modified charges for further testing • Manufacture of additional batches of shaped charge designs should initial trial results prove successful <p>Dstl shall be under no obligation to exercise any of the options highlighted.</p>
1.4	Contract Management Activities
	Not applicable.
1.5	Health & Safety, Environmental, Social, Ethical, Regulatory or Legislative aspects of the requirement
	Not applicable

1.6	Deliverables & Intellectual Property Rights (IPR)					
Ref.	Title	Due by	Format	Expected classification (subject to change)	What information is required in the deliverable	IPR Condition
D1	Engineering Drawings of Shaped Charge Design	T0+2 weeks	Pdf	Redacted under FOIA Section 26 – Defence	Engineering drawing highlighting design, dimensions, materials and NEQ	Rcloud IP standard condition. Full rights Version
D2	60 x Explosive Shaped Charges	T0+4 weeks	Physical Charges delivered to COTEC	Redacted under FOIA Section 26 – Defence	60 x explosively filled shaped charges meeting all of the essential requirements identified above	Rcloud IP standard condition. Full rights Version

1.7	Deliverable Acceptance Criteria
	All deliverables in the required format by the required due dates.

2	Evaluation Criteria
2.1	Method Explanation
	Not applicable.
2.2	Technical Evaluation Criteria
	Not applicable.
2.3	Commercial Evaluation Criteria
	Not applicable.