

Statement of Requirement (SoR)

Purpose

[Redacted text block]

Reference Number	RQ0000031667
Version Number	2
Date	17/05/2023

1.	Requirement
1.1	Title
	Agricultural equipment procurement for Range
1.2	Summary
	Procurement of a new tractor and trailer package, to replace the existing equipment currently in use.
1.3	Background

	<p>The RTO Group manages the Range Facility at Dstl Porton Down and operates a wide array of heavy plant & equipment in support of R&D trial programme, undertaken on a high-frequency basis.</p> <p>RTO Group manages its fleet of equipment in accordance with its internal Plant & Equipment Strategy, reviewed and re-prioritised annually.</p> <p>Current equipment:</p> <p>One of the predominant machines in the fleet is a large agricultural tractor primarily used for road haulage tasks, which is now a priority for replacement & upgrade due to high utilisation, advancing age, deteriorating condition and escalating maintenance costs.</p> <p>The RTO Group are looking to purchase a replacement large tractor for their long-term (>10yr) needs, and trade-in their current machine against a brand new, fully warranted unit.</p> <p>The new machine must provide the highest standards of safety, reliability and operational capabilities, whilst minimising down-time and repair costs.</p> <p>Additionally, the RTO Group also intends to source a heavy duty flat-bed trailer, with integrated ISO container twist-locks, to facilitate routine movement of 10ft & 20ft ISO containers. The existing 2018 26ft bale trailer is light duty and not fit for this purpose. This trailer will be traded-in, along with the current tractor, as part of the new equipment procurement deal.</p>
1.4	Requirement

Source two brand-new items of agricultural equipment procured as a package deal, from a single supplier:

Tractor

General points

- Brand new machine
- Expedient procurement a priority requirement, within early FY23/24
- Dealer held stock preferable to a long lead-time factory order
- Very nearly new, low hour units may also be considered but only if brand new units are unavailable in timescale from any other source
- 5 Year / 2000hr warranty option must be included in offered deal
- Currently owned & operated tractor must be accepted as a trade-in

Required Machine Specification

- 150 -175 engine horsepower required (boost function may provide more)
- Stage-V engine, with high fuel efficiency and low emissions
- Minimum 50kph top speed
- Front axle suspension
- Cab suspension
- Simplified transmission option(s) preferred
- Minimum of 3 spool valves at rear, with simplified mechanical controls preferred over complex electronic systems
- Air & hydraulic braking circuits for trailers
- Hydraulic extendable hitch
- 3 speed PTO 540/540E/1000
- Hydraulic front 3-point linkage
- Front weight block
- Cabin climate control, with air conditioning
- Full width front and rear mud guards
- Buddy / Trainer seat

Trade-in unit:

- 2013 Kubota M130X (Reg GJ13 ACX)
- 1700hrs (will increase)
- 4 new tyres (all >95%)
- Front weights package
- Fully maintained, good condition



Trailer

Required Specification:


- Brand new trailer required
- 20ft – 26ft Heavy duty flatbed (bale) trailer
- Air and hydraulic brakes
- Tandem axles

- High floatation tyres
- 6x twist locks for 10ft and 20ft containers – only one ISO to be carried at a time
- Beacon
- LED lights
- Side marker lights
- Mudguards
- Strap box
- Rope hooks

Trade-in unit:













1.5	Options or follow on work <i>(if none, write 'Not applicable')</i>
	<p>Fulfilment of 5 year extended warranty for tractor.</p> <p>Fulfilment of standard manufacturer's warranty for trailer.</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	Tractor	31/08/2023	Item delivered to site	n/a	None	Tractor delivered to site Trade-in tractor to be collected at the same time as delivery	
D - 2	Trailer	31/08/2023	Item delivered to site	n/a	None	Trailer delivered to site Trade-in trailer to be collected at the same time as delivery	





1.7	Standard Deliverable Acceptance Criteria
	[REDACTED]
1.8	Specific Deliverable Acceptance Criteria
	<p>Handover briefing from supplier required</p> <p>Details of warranties and guarantees supplied at the time of delivery</p> <p>Equipment inspection & safety certificates supplied</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 type="checkbox"/> ISO9001 (Quality Management Systems)</p> <p><input 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
	None specified

3.	Security	
3.1	Highest security classification	
	Of the work	
	Of the Deliverables/ Output	
3.2	Security Aspects Letter (SAL)	
	 	
3.3	Cyber Risk Level	
		
3.4	Cyber Risk Assessment (RA) Reference	
	    	

4.	Government Furnished Assets (GFA)				
GFA to be Issued - Choose an item. <i>If 'yes' – add details below. If 'supplier to specify' or 'no,' delete all cells below.</i>					
GFA No.	Unique Identifier/ Serial No	Description: <i>Classification, type of GFA (GFE for equipment for example), previous MOD</i>	Available Date	Issued by	Return Date or Disposal Date (T0+)

		<i>Contracts and link to deliverables</i>			<i>Please specify which</i>
GFA-1	GJ13 ACX	Kubota M130X agricultural tractor	Immediately	RTO Group, Dstl	
GFA-2	10180702	Warwick Trailers WB10B bale trailer	Immediately	RTO Group, Dstl	

5.	Proposal Evaluation criteria
5.1	Technical Evaluation Criteria
	
5.2	Commercial Evaluation Criteria
	