



MOD Request for Information

Section 1: Contract Title:

Title attributed to the Contract by the Contracting Authority

Country Town

Title of notice

Section 2: Contracting Authority

Name of Institution

MOD Organisation

Integrated Project Team (IPT)

Address Line 1: Defence Equipment and Support

Address Line 2: MOD Abbey Wood

Town: Bristol Postcode: BS34 8JH Country: UK

Contact Person: **Carlos Cebrian**

For the attention of: Carlos Cebrian

Email: carlos.cebrianvila101@mod.gov.uk

Section 3: Object of the Request for Information:

Contracting Authority's file Reference number: 710821450

Weblink to where further documentation can be obtained:

Short description of requirement:

The Authority is requesting information relating to suppliers' ability to provide welding equipment, in accordance with the high-level outline requirements set out below.

Time-limit (Date & Time) (by 23:59 on): **15/03/2024**

Information requested:

OI Workshops are looking to update the current welding stock held across Army, Navy, and RAF workshops, for use both in the workshop and in the field.

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1. We are looking for equipment which would cover Gas Welding, MIG/MAG, TIG, MMA, Stud Welding, Plasma Cutting and Induction heating across both Ferrous and Non-Ferrous metals.

Please provide information on the equipment available, considering the below specifications about the current welding equipment on scope for this contract.

Main Welding Equipment Solution			
	Item	Types of material	Frequency
1	Field Welding Solution Army & RAF		
2	Underwater cutting		
3	Gas welding cutting and brazing "oxy acetylene"		
4	MiG/MAG	Steel, Stainless Steel, Aluminium, Copper, Special	50/60 Hz
5	TiG	Magnesium, Aluminium, Steel, Copper, Additional alloys	50/60 Hz
6	MMA (electric/diesel powered)	Magnesium, Steel, Stainless Steel, Aluminium, Copper	50/60 Hz
7	Stud Welding		50/60 Hz
8	Plasma Cutting with suitable compressor	Steel	50/60 Hz
8	Plasma Cutting with suitable compressor	Stainless Steel	50/60 Hz
8	Plasma Cutting with suitable compressor	Aluminium	50/60 Hz
9	Replacement Generators		
10	Mobile fume extraction		
11	Welding support equipment (edge bevelers, etc) - Ancillaries		
12	Cutting tables		
13	Welding tables and jigs		
14	Welding curtains and supports		
15	Complete refresh on consumables		
16	Enduring support for in-service life of the welding equipment		

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Please note that for the above equipment, a general capability to work with materials of around 0.6 – 35mm is required for most works. However, please provide details on equipment which may support thicknesses outside these parameters. Please also provide details of equipment which would support more specialist materials, such as Inconel and Nimonic alloys.

The following is a list of requirements:

2. The welding equipment must be fully operable, as and when required. This includes:
 - a. After being in long term storage.
 - b. Day or night.
 - c. In all climates, including extreme conditions as defined in DefStan 00-035.
3. The equipment must be transportable, and must be able to rapidly deploy, including any required set up.
4. The equipment must be able to:
 - a. Re-shape damaged materials.
 - b. Bend bar armour back into shape following battle damage.
 - c. Join lengths of bar armour together to repair battle damage.
 - d. Repair damaged radiators.
 - e. Remove and join vehicle panels to the vehicle.
 - f. Remove sheared bolts.
 - g. Re-weld sheared studs.
 - h. Insert and remove components with heat.
 - i. Undertake drilling, cutting, and forced entry.
 - j. Remove destroyed track and running gear.
5. Fabrication of Ferrous and Non-ferrous metal:
 - a. Capable of joining ferrous metals from 0.8mm to 25mm using Gas Welding, MIG/MAG(GMAW) & MMA machines. TIG 1mm - 8mm Stainless Steel.
 - b. Capable of joining non-ferrous metals from 3mm to 35mm using MIG/MAG(GMAW) machines, including 7 Series Aluminium 3mm - 15mm, TIG 1mm - 6mm Aluminium, and Inconel 0.6mm-3.5mm.
6. The equipment must have the ability to be powered by sub-systems (e.g., a generator).
7. The equipment must be able to operate as a self-contained, stand-alone piece of equipment.

Training:

Please provide details of any training you may offer for the equipment proposed.

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Through Life Support:

Please provide details of any through life support you can offer. This could include, but not be limited to training, spares, servicing, repairs, and provision of technical documentation.

Technical Documentation:

Please provide details of any Suitable Technical Documentation solution, that will ensure that the Welding Equipment is fully supportable from the outset.

Where a Supplier is able to assist with elements of the requirement, they are requested to provide details including:

- Rough Order of Magnitude (ROM) costs (where a costing is provided as a range, please also indicate most likely cost).
- Images of equipment in pdf format
- Technical details of any proposed solution.

Where a Supplier has a number of alternatives that could fulfil a requirement, they are requested to provide separate descriptions and costs for each option. A response is requested within **3 weeks** of this notification being released. Likely delivery timescale would be by FY 24/25 for the full capability including delivery of initial training.

This Request for Information is not a call for competition and is sent without prejudice or commitment and does not bind the Authority to any further procurement activity associated with this requirement.