**STATEMENT OF REQUIREMENT**

**THE SUPPLY AND MAINTENANCE OF PORTABLE LASER TRAINING & JUDGEMENT RANGES FOR PaDP & MO19 (ENGAGEMENT & TRAINING)**

**21 November 2023**

**Version 5**

**Table of Contents**

**1. Introduction and Project Background**

**2. Scope**

**3. The Requirement**

**4. The Supplier is Required to**

**5. Security**

**6. Vetting**

**7. Insurance**

**8. Communication**

**9. Samples**

**10. Invoicing & Payment**

**11. Responsible Procurement**

**12. Definitions / Glossary**

**1. Introduction and Project Background**

Both PaDP and MO19 are seeking to purchase individual mobile judgement ranges to aid training and engagement.

The judgement range is one of the most impactive training aids in delivering threat and judgement related training to both new and existing firearms officers. This provides an opportunity to reinforce knowledge around the application of the law as well as allow officers to experience the physical stresses and strains of dealing with a firearms scenario, including the impact this can physically and psychologically have on an officer (often referred to as perceptual distortion). Such ranges are a key component in delivering the National Firearms Training Curriculum within a safe training environment.

This ‘lived’ experience is not only important for our students. The judgement range is equally effective when engaging with our external stakeholders. This may include (and is not limited) to members of the judiciary, the IOPC, the media and advisory groups. It enables instructors to provide an immersive experience for members of the public who would in any other circumstance not have an opportunity to be involved in such a situation.

A laser judgement range can also be a cost effective training aid augmenting live fire training (not replacing) which takes place on the range. Current technologies allow officers to run through a classification shoot in a safe learning environment, One AFO failing a classification shoot has a significant financial effect on a command. In the case of PaDP that will require AFOs to be brought in to work on overtime to cover the missed armed deployments of that individual officer.

For AFOs (even when a live fire range is available) the time taken to make use of a live fire range can be prohibitive as this will include travelling time, preparation, shooting a course of fire, cleaning and return travel. There are also minimal staffing requirements when considering instructor to student ratios that are inherent to a live fire range. Such restrictions also apply to the running of tactical scenarios.

Exposure to live tactical training scenarios is the next best thing to reality however can prove costly in time, venue and personnel. Training opportunities away from MPSTC are also both limited and rare. Judicious and considered use will see mobile judgement ranges being used in tandem with the proposed permanent range at MPSTC which will enable scenarios to be shared across all ranges and commands. The transient nature of the new systems also make them perfect for lessons being delivered at remote training sites throughout the Met (for example Hendon or Shoreditch) or even further field (for example ARV continuation Training sites as remote as Hythe ranges). Abstractions from commands will also be minimised due to those AFOs already attending a dedicated training event or being part of their tour of duty and still being available for immediate deployment (for example, in the case of PaDP, within their footprint).

Both PaDP and MO19 are seeking to engage with a provider that can provide a suitable, proven laser range system that can address the requirements of use that are essential to our unique positions.

**2. Scope**

The objectives for PaDP/ MO19 National Firearms Instructors and MO19 engagement team:

* To provide AFOs an opportunity for additional practice with their issued service weapons.
* To strenuously test new and existing firearms officers knowledge of law and application of relevant tactics using realistic training scenarios in a safe training environment.
* Maximise MO19 and PaDP engagement opportunities for external stakeholders across London and away from MPSTC.
* To analyse the ability of AFOs to successfully make use of the principles of marksmanship.
* To have the capability to laser trace muzzle in comparison to shot placement
* To improve trigger control and shot placement on operational weapons.
* To write, record / film based scenarios in timely manner, incorporating locations which are familiar to our AFOs and pertinent to the delivery teams.

**3. The Requirement**

The strategic objectives from this procurement are to source a suitable provider of a Portable Laser Judgement & Training Range for each command that will address the objectives of the NFIs and MO19 Engagement Teams. This will be expected to provide proven and reliable service for as long as possible. This will include updates and improvement to the system as and when they occur. A suitable maintenance and systems updating package is to be included plus training in the use of the system and the writing / editing of scenarios. The system must make use of firearms of a type used by the MPS (as specified below) that have been converted for use with a laser. A system that allows MPS issued firearms to be converted for use on the range would be desirable. The weapons, functions, drills, trigger action (essential) must be in keeping with the weapons used by our AFOs.

Such systems must also utilise less lethal options such as incapacitant spray and Taser. This includes the need to adjust to incremental changes in such platforms as they are superseded and replaced.

Essential

* A mobile system that can be used at various locations.
* Branching judgement scenarios that provide different outcomes depending upon the actions / response of student.
* Makes use of safe laser NOT live fire weapons.
* Self-loading pistols must be able to be holstered in issue service holster when laser system is in use.
* Uses live weapons converted for laser.
* Weapons function is not altered, especially trigger action, safety features and emergency drills.
* Incorporates marksmanship / shot analysis function by use of laser tracing before, during and after shot.
* Full training in use, recording and editing judgement scenarios by designated instructors.
* Ability to script, record and edit judgement scenarios.
* Maintenance / updating / training warranty to be included.
* Provide or convert (inclusive of both MO19 and PaDP requirements):

4 x Sig 516 Carbines (2 for MO19, 2 for PaDP).

4 x H&K G36 Carbines (2 for each command).

3 x MCX Carbines (MO19 only).

5 x Glock 17 Pistols (2 PaDP. 3 MO19).

2 x Glock 19 Pistols (MO19 only).

* Option to use replica firearms that are not subject to restrictive firearms legislation (for use by non-AFOs) in tandem with Sec 5 counterparts.
* Taser compatible and future proof.
* Incapacitant spray compatible.

Desirable

* Ability to incorporate magazine change.
* AEP (often referred to as baton gun).
* Sound effects.
* Video record actions / behaviour of students.

**4. The Supplier is required to:**

The successful supplier will provide a tried and tested, easily portable laser Judgement and Training System with a proven track record has a proven track record of reliability.

* Provision of a complete laser range system that is ready to be fully useable from the date of delivery.
* Weaponry as stipulated in the essential criteria.
* Full training in the use of the laser range system.
* Training in the writing, recording, editing of scenarios.
* Refresher / update training for NFIs when required.
* Maintenance and repair of all aspects of the laser training system.
* Updates of computer software as required to maintain efficient use of the system.

**5. Security**

Please see T&C’s for further information on GDPR around Data protection that the supplier must adhere to. The supplier will remain the data controller for any personal data collected in order to deliver the service. The data will be held securely in accordance with industry best practice and guidelines.

# **6. Vetting**

The MPS reserves the right to request any key member of the successful bidders staff and sub-contracted staff (where applicable) to undertake security clearance to NPPV2/CTC.

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# **7. Insurance**

The Supplier must have relevant insurances in place as stipulated in the Insurance Schedule of the MPS Contract Terms and Conditions. By accepting the Terms and Conditions of this contract you are assuring the Authority that the relevant Insurances are in place.

# **8. Communication**

The Authority will have a nominated local contact(s), and through whom all business will be conducted. A backup contact will also be identified for use when the primary contact is unavailable. The MPS and the Supplier’s SPOC will contact each other via email and telephone.

Primary contacts Graham Colledge (MPS Commercial Services).

[graham.colledge@met.police.uk](mailto:graham.colledge@met.police.uk)

**9. Samples**

As part of any bid the supplier may be required to provide access to a demonstration version that has been developed and can be provided / demonstrated if required so that it can be evaluated.

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# **10. Invoicing & Payment**

To SSCL????

**11. Responsible Procurement**

The MPS recognises that its operations have the potential for significant impact on the environmental and is committed to minimising the negative impacts and furthering any positive impacts. These are addressed through the MPS Environment and Sustainability Strategy and MPS Environmental Policy. The most significant environmental aspects for the MPS include the:

* Consumption of fuels and release of greenhouse gas and air quality emissions.
* Consumption of water.
* Consumption of products and raw materials.
* Generation and management of a variety of waste streams.
* Release of various pollutants.
* Operations of vehicle fleet and employee travel.
* Indirect impacts associated with the procurement of goods and services from the MPS supply chain and
* Enforcement of environmental crime and working with partners to tackle environmental offences.

The MPS is committed to managing its environmental impacts by maintaining an Environmental Management System (EMS) in line with the ISO 14001 standards delivering continual environmental performance improvement through the implementation of the MPS Sustainability Management Plan.

The MPS requires our supply chains to manage its impacts in line with MPS environmental policies and standards. In addition suppliers are required to monitor and report environmental performance to the MPS and our stakeholders.

The Suppliers shall comply with the principles of the MPS Environmental Policy to ensure that the supplier meets all sustainability and environmental requirements of the MPS to carry out all the activities in a sustainable and responsible manner.

The suppliers must meet the relevant environmental and legislative requirement and should demonstrate continuous improvements with respect to emerging technology and best practice. The supplier shall, where applicable, ensure that operations procedures are documented and used in delivering the contracted service to manage its environmental impacts responsibly.

The Supplier should ensure that all vehicles used on the contract meet the requirements of any current Emission Zones and establish plans to meet future requirements (e.g. the Ultra-low Emission Zone).

In particular, the Contractor shall and shall procure that any of its Sub-Contractors shall, pay Employees based in the United Kingdom the London Living Wage in accordance with the policy of the Living Wage Foundation of Citizens UK (Charity No. 1107264), or any successor body performing the same function, from time to time in place.

**12. Definitions / Glossary**

AEP – Attenuating Energy Projectiles

AFO – Authorised Firearms Officer

ARV – Armed Response Vehicle

MO19 – Specialist Firearms Command

MPS – Metropolitan Police Service

PaDP – Parliamentary and Diplomatic Protection Command

SLT – Senior Leadership Team