

**UK-Bristol: lasers**  
**OJ S 160/2012 22/08/2012**  
**Contract notice**  
**Supplies**

**Directive 2009/81/EC**

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**Section I: Contracting authority/entity**

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**I.1. Name and addresses**

Official name: Dismounted Soldier Systems (DSS), DE&S

Postal address: Elm 3b, #4325, MOD Abbey Wood

Town: Bristol

Postal code: BS34 8JH

Country: United Kingdom

Contact person: DESLEComrcl-ICG1b

For the attention of: Irene Barr

E-mail: [DESLEComrcl-ICG1b@mod.uk](mailto:DESLEComrcl-ICG1b@mod.uk)

Telephone: +44 1179138132

Fax: +44 1179131909

**Additional information can be obtained from:**

the abovementioned address

**Specifications and additional documents (including documents for competitive dialogue and a dynamic purchasing system) can be obtained from:**

the abovementioned address

**Tenders or requests to participate must be submitted:** the abovementioned address

**I.2. Type of the contracting authority**

Ministry or any other national or federal authority, including their regional or local subdivisions

**I.3. Main activity**

Defence

**I.4. Contract award on behalf of other contracting authorities/entities**

The contracting authority is purchasing on behalf of other contracting authorities: no

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**Section II: Object of the contract**

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**II.1. Description**

**II.1.1. Title attributed to the contract by the contracting authority**

Procurement of Laser Light Module Mark 3 (LLM Mk3).

**II.1.2. Type of contract and place of performance or delivery**

Supplies

Purchase

NUTS code UKG West Midlands (England)

**II.1.3. Information about framework agreement**

The procurement involves the establishment of a framework agreement

**II.1.4. Information about framework agreement**

Framework agreement with a single operator

### **Duration of the framework agreement**

Duration in years: 5

Justification for a framework agreement, the duration of which exceeds seven years: In accordance with the provisions of Directive 2009/81/EC and UK DSPCR 2011.

### **Estimated total value of purchases for the entire duration of the framework agreement**

Estimated value excluding VAT:

Range: between 1 and 28 000 000 GBP

#### **II.1.5. Short description of the contract or purchase(s)**

Lasers. The UK MOD potentially may have a requirement to purchase LLM Mk3. LLM are battery-powered, laser aiming devices for hand-held weapons facilitating accurate, day and night firing at targets of opportunity and are fitted to the weapon by means of a specially designed quick release bracket, which attaches to a Mil STD 1913 Picatinny Rail that is available on a variety of weapon systems (primarily the SA80 IW family). They use various light sources in the visible and infrared spectrum to illuminate and mark potential targets. The LLM Mk3 would be used for world-wide operations which demand the ability to engage with enemy forces in low light and degraded light conditions. The LLM Mk3 would be required to survive in the harshest combat conditions across all environments. It would require a robust design and construction to counter the inevitable rough handling, percussion loads and carriage in service transports (air, land and sea). LLM Mk3 would also be required to operate and retain zero following repeated firings (Battle Field Missions) and resist damage when subjected to the shock associated with operation of the relevant weapons. The LLM Mk3 would be required to be extremely reliable and be independent, as far as is practicable, of the logistic supply chain.

The LLM Mk3 would be required to work in conjunction with the soldier Head Mounted Night Vision System (PVS-14 NVG, NSN 5855-01-515-4436) and all current in-service Image Intensification equipments/devices.

The following are mandatory Key System Requirements from the LLM Mk3 System Requirements Document:

ILLUMINATE.

KSR-1: The System shall be able to illuminate objects using visible light. The Threshold Measure of Performance (MOP) being:

- in nil ambient light conditions (0 mlx) and without delay,
- using the naked eye the User can identify a man-size target,
- out to 10 metres.

Objective MOP: As Threshold.

KSR-2: The System shall be able to illuminate objects with NIR light. The Threshold MOP being:

- in nil ambient light conditions (0 mlx) and without delay,
- exploiting the HMNVS and IR energy the User can identify a man-size target,
- out to 10 metres.

Objective MOP: Out to 300 metres (effective range of SA80 IW).

Marking targets.

KSR-4: The System shall be able to mark the target. The Threshold MOP being:

User can place a point of light upon an identified target which can be seen using the naked eye:

- full daylight (>10,000 lux) out to 20 metres,
- at night (>10 mlx) in good transmission conditions out to 200 metres.

Objective MOP: As Threshold.

KSR-5: The System shall be able to mark a target using IR energy. The Threshold MOP being: User can place a point of IR energy upon an identified target which can be seen using the HMNVS.

— at night (10 mlx) in good transmission conditions out to 300 metres.

Objective MOP: Out to 800 metres (effective range of Section lethality).

Availability.

KSR-34: The system shall have high operational availability. The Threshold MOP being:

— 730hrs/year with sufficient combat supplies for unsupported operations for 28 days.

Objective MOP: 1 460hrs/year with sufficient combat supplies for unsupported operations for 56 days.

Integration.

KSR-49: The system shall integrate with selected host weapon systems. The Threshold MOP being:

Must be capable of secure fitment to, and full operation with:

— L85A2 Standard IW Rifle,

— Green plastic handguard fitted with Mil Std 1913 Picatinny rail,

— birdcage flash hider,

— Lightweight Day Sight (LDS),

— Bayonet,

— L85A2 Theatre-Entry Standard Rifle,,

— Mil Std 1913 quad-rail handguard (NSN 1005-99-836-6248),

— Ergo-grips (NSN 1005-99-328-6736),

— Down grip (NSN 1005-01-541-1772),

— SureFire Flash Eliminator (NSN 1005-01-565-1810),

— Lightweight Day Sight (LDS),

— Bayonet,

— L85A2 UGL (Underslung Grenade Launcher),

— UGL L123A3 (NSN 1010-12-365-6037),

— Fire Control System/Ladder sight,

— LDS or ACOG (FIST-IW/LSW),

— Birdcage or SureFire flash hider,

— Bayonet (birdcage only),

— FIST Fire Control System.

Without the need for specialist tools.

Objective MOP: Must be capable of secure fitment to, & full operation with any system fitted with a Picatinny Rail and the necessary space to operate the system.

KSR-46: The system shall not pose an additional physical burden for the User. The Threshold MOP being:

— mass no more than 244 grams (including batteries, bracket and remote switch).

Objective MOP: Weigh no more than 100 grams (including batteries, bracket and remote switch).

KSR-47: The system shall not degrade operational performance. The Threshold MOP being:

In comparison with current LLM01:

— no adverse impact upon the User's operation of his weapon or performance,

— no effect on unrelated tasks.

Objective MOP: Improves the User's performance.

A mandatory prerequisite for inclusion in this tender exercise would be for any potential solution to have a Technology Readiness Level of 9 as per the following definition: technology system qualified through successful mission operations.

In addition to the working sample required throughout the mini trial, and upon selection (as per

III.2.1) twelve working sample systems, complete with ancillaries, would be required from each economic operator for use in full user, scientific and environmental trials. Although sample systems would be returned after trialing they would be required to be provided to the UK MOD free of charge with any potential liability for damage during trialing remaining with the economic operators. Each economic operator may only submit one system which they believe best meets the system requirements.

It should be noted that potentially DSG may, for the purposes of this requirement, act as the contracting authority on behalf of DE&S.

**II.1.6. CPV code(s)**

38636100 Lasers

**II.1.7. Information about subcontracting**

**II.1.8. Lots**

This contract is divided into lots: no

**II.1.9. Information about variants**

Variants will be accepted: no

**II.2. Scope of the procurement**

**II.2.1. Total quantity or scope**

The potential quantity of LLM Mk3 including attrition and the optional years detailed below is from 0 to 32,000.

The estimated range of values detailed below differs from those detailed at II.1.4 above as they include the additional 2 optional years.

The intention is to set up a framework agreement against which which LLM Mk3 may be demanded, however, it should be noted that there will be no obligation on the UK MOD to procure LLM Mk3. Funding deliberations are ongoing with regard to any potential future buys of LLM Mk3 and it is not foreseen that any outcome of deliberations reaffirming or amending the range of potential future LLM Mk3 procurement in terms of value or quantity will be available prior to issue of the PQQ, ITT and trialing nor potentially prior to the conclusion of this tender exercise. Funds may be withdrawn at any time. Funds with regard to the assessment/full equipment trials has been approved.

Estimated value excluding VAT:

Range: between 1 and 31 000 000 GBP

**II.2.2. Information about options**

Options: yes

Description of options: Two options required; each to potentially extend the framework agreement for an additional 1 years duration i.e. for year 6 and for year 7.

**II.2.3. Information about renewals**

This contract is subject to renewal: no

**II.3. Duration of the contract or time limit for completion**

Duration in months: 60 (from the award of the contract)

**Section III: Legal, economic, financial and technical information**

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**III.1. Conditions related to the contract**

### **III.1.1. Deposits and guarantees required**

Dependent on financial status of economic operator; requirements will be detailed in the Invitation to Tender.

### **III.1.2. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them**

Requirements will be detailed in the Invitation to Tender.

### **III.1.3. Legal form to be taken by the group of economic operators to whom the contract is to be awarded**

### **III.1.4. Other particular conditions to which the performance of the contract is subject, in particular with regard to security of supply and security of information**

The provisions of the contract will not obligate the UK MOD to procure LLM Mk3 nor will they disallow the UK MOD from procuring alternative LLM Mk3 in the future if requirements so dictate; all other requirements will be detailed in the Invitation to Tender.

### **III.1.5. Information about security clearance**

## **III.2. Conditions for participation**

### **III.2.1. Personal situation**

**Criteria regarding the personal situation of economic operators (that may lead to their exclusion) including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions: After the time limit for requests to participate detailed at IV.3.4, all economic operators who express a request to participate will be issued a pre-qualification questionnaire (PQQ) which will be used for the purposes of supplier selection. The assessment criteria for supplier selection, including those relevant to the mini trial detailed below, will be issued together with the PQQ including details of those cases whereby economic operators will be automatically excluded, for example, in accordance with the ineligible supplier provisions of Directive 2009/81/EC and UK DSPCR 2011. These will be accompanied with copies of the relevant LLM Mk3 technical documents.

If after application of the PQQ supplier selection criteria, the number of suitable economic operators is greater than five then the UK MOD will hold a mini trial where a maximum of twelve of the most suitable economic operators will be given an opportunity to demonstrate their system capability against the key system requirements detailed at II.1.5 above with the exception of KSR34 the assessment scores for which will be based on the economic operators' certified information. Additionally, the mini trial will not demonstrate full capability of KSRs2,4 and 5 as the metre range in respect of these KSRs will be limited to 100m. The suitable economic operators with the top five scores will receive an invitation to tender and be included in the subsequent full equipment trials.

**Criteria regarding the personal situation of subcontractors (that may lead to their rejection) including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions: Please refer to III.2.1 above

### **III.2.2. Economic and financial ability**

**Criteria regarding the economic and financial standing of economic operators (that may lead to their exclusion)**

List and brief description of conditions: Please refer to III.2.1 above.

**Criteria regarding the economic and financial standing of subcontractors (that may lead to their rejection)**

List and brief description of conditions: Please refer to III.2.1 above.

Minimum level(s) of standards possibly required: Please refer to III.2.1 above.

### **III.2.3. Technical and/or professional capacity**

**Criteria regarding the technical and/or professional ability of economic operators (that may lead to their exclusion)**

List and brief description of conditions:

Please refer to III.2.1 above.

**Criteria regarding the technical and/or professional ability of subcontractors (that may lead to their rejection)**

List and brief description of conditions:

Please refer to III.2.1 above.

Minimum level(s) of standards possibly required

Please refer to III.2.1 above.

### **III.2.4. Information about reserved contracts**

#### **III.3. Conditions specific to services contracts**

##### **III.3.1. Information about a particular profession**

##### **III.3.2. Information about staff responsible for the performance of the contract**

## **Section IV: Procedure**

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### **IV.1. Type of procedure**

#### **IV.1.1. Type of procedure**

Restricted

#### **IV.1.2. Information about the limits on the number of candidates to be invited**

Envisaged minimum number 3 and Maximum number 5

Objective criteria for choosing the limited number of candidates: Details of the supplier selection criteria will be issued together with the Pre-Qualification Questionnaire.

#### **IV.1.3. Information about reduction of the number of solutions or tenders during negotiation or dialogue**

### **IV.2. Award criteria**

#### **IV.2.1. Award criteria**

The most economically advantageous tender in terms of Price is not the only award criterion and all criteria are stated only in the procurement documents

#### **IV.2.2. Information about electronic auction**

An electronic auction has been used: no

### **IV.3. Administrative information**

#### **IV.3.1. File reference number attributed by the contracting authority**

DSS/00090

#### **IV.3.2. Previous publication concerning this procedure**

no

#### **IV.3.3.**

## Conditions for obtaining specifications and additional documents or descriptive document

### IV.3.4. Time limit for receipt of tenders or requests to participate

18.9.2012 - 23:59

### IV.3.5. Estimated date of dispatch of invitations to tender or to participate to selected candidates

### IV.3.6. Languages in which tenders or requests to participate may be submitted

English.

## Section VI: Complementary information

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### VI.1. Information about recurrence

### VI.2. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds:  
no

### VI.3. Additional information

Suppliers interested in working with the Ministry of Defence should register on the MOD Supplier Information Database (SID) Register, available at [www.contracts.mod.uk](http://www.contracts.mod.uk). The MOD SID is a database of active and potential suppliers available to all MOD and UK Defence procurement personnel, and is the main supplier database of MOD Procurement organisations. Please note: the registration and publication of a company profile on the MOD SID does not mean or imply that the supplier has in any way been vetted or approved by the MOD. Suppliers wishing to compete for advertised MOD contracts must respond to any specific call for competition by submitting a separate expression of interest in accordance with the instructions of the purchasing organisation.

Advertising Regime OJEU: This contract opportunity is published in the Official Journal of the European Union (OJEU), the MoD Defence Contracts Bulletin and [www.contracts.mod.uk](http://www.contracts.mod.uk) GO Reference: GO-2012817-DCB-4165175.

### VI.4. Procedures for review

#### VI.4.1. Review body

Official name: Dismounted Soldier Systems (DSS), DE&S

Postal address: Elm3b, #4325, MOD Abbey Wood

Town: Bristol

Postal code: BS34 8JH

Country: United Kingdom

E-mail: [DESLEComrcl-ICG1b@mod.uk](mailto:DESLEComrcl-ICG1b@mod.uk)

Telephone: +44 1179138132

Fax: +44 1179131909

#### Body responsible for mediation procedures

Official name: Dismounted Soldier Systems (DSS), DE&S

Postal address: Elm3b, #4325, MOD Abbey Wood

Town: Bristol

Postal code: BS34 8JH

Country: United Kingdom

E-mail: [DESLEComrcl-ICG1b@mod.uk](mailto:DESLEComrcl-ICG1b@mod.uk)

Telephone: +44 1179138132

Fax: +44 1179131909

**VI.4.2. Review procedure**

**VI.4.3. Service from which information about the review procedure may be obtained**

Official name: Dismounted Soldier Systems (DSS), DE&S

Postal address: Elm3b, #4325, MOD Abbey Wood

Town: Bristol

Postal code: BS34 8JH

Country: United Kingdom

E-mail: [DESLEComrcl-ICG1b@mod.uk](mailto:DESLEComrcl-ICG1b@mod.uk)

Telephone: +44 1179138132

Fax: +44 1179131909

**VI.5. Date of dispatch of this notice**

17.8.2012