

REQUEST FOR INFORMATION

Ministry of Defence of Republic of Latvia

1.0 Description

1.1 The Ministry of Defence of the Republic of Latvia (MoD) is issuing this Request for Information (RFI) in seeking information on how an interested contractor could provide Mobility Platforms (MPs).

1.2 **THIS IS NOT A SOLICITATION FOR PROPOSALS. THIS IS A REQUEST FOR INFORMATION (RFI) ONLY.** This RFI is for planning and informational purposes only and shall not be considered as a request for proposal or as an obligation on the part of the Government to acquire any products or services. No entitlement to payment of direct or indirect costs or charges by the MoD will arise as a result of contractor submission of responses to this RFI or the MoD's use of such information. MoD reserves the right to reject, in whole or in part, any contractor's input resulting from this RFI. No contract will be awarded from this RFI. Data submitted in response to this RFI will not be returned. Information is being requested as part of the process to identify the possible MPs for National Armed Forces Infantry brigade.

2.0 Statement of Objectives

The MPs shall be delivered in 2 different platforms:

- a) Armored Vehicle (AV) (50 to 100 pieces),
- b) Light/Medium Tactical Vehicle (L/MTV) (50 to 100 pieces).

MoD is interested in platforms already in production. Both platforms from one supplier will be viewed as advantage. Future projects, and prototype or platforms in testing phase will not be evaluated as an option.

2.1 Requirements for **AVs** are the following:

- a) Family of vehicles on the basis of a standard chassis, which can be configured for multi-mission roles, reconnaissance, troop transport and C2.
- b) Gross weight should be **less than 40 tons**, engine output at least 20hp per ton. For the Infantry modification the AV shall seat **no less than 8 passengers**.
- c) Capable to force clear cuts, coppices, scattered stands, bush woods and capability to cross ditches (road ditches, drainage ditches, and canals) at least 6 meters wide, fording capable and desirably with swimming capability. The AVs shall be capable to drive at least 300 km with one fuel tank on off-road and a difficult terrain.
- d) The AVs shall be transportable on air (C17) and sea transport without modification, transportable with Heavy Equipment Transporter on EU standard roads and transportable on railway track with a gauge 1,520 m and 1,435 m.
- e) The AVs should enable the relevant combat and combat support units to seize and hold terrain, defeat enemy armoured/mechanised forces, manoeuvre under hostile conditions, including under artillery direct and indirect fire and manoeuvre in rural and urbanised areas (*equipped with 25-40 mm gun with full stabilization, optical and thermal sights. Parameters of the platform should allow increase gun calibre up to*

120mm. Equipped with light (7.62mm) machine-gun class weapon and non-line of sight anti-tank missile system).

- f) The level of protection and armour shall be high with a minimum of **level 2 against ballistic threats** and **preferably level 4a/4b against mines** – all according to STANAG 4569. Possibility to mount additional set of armour will be treated as advantage. AVs shall be fully operable in climate zones INTERMEDIATE (A3), HOT DRY (A2) INTERMEDIATE COLD (C1) according to STANAG 2685.

2.2 Requirements for L/MTVs are the following:

- a) Family of vehicles on the basis of a standard chassis, which can be configured for multi-mission roles, including direct and indirect fire, reconnaissance, troop transport and C2.
- b) Gross weight **less than 25 tons**, engine output at least 20hp per ton and fording capability. For the Infantry modification the L/MTV shall seat **no less than 4 passengers**.
- c) The L/MTVs shall be capable to drive at least 300 km with one fuel tank on a off-road.
- d) The L/MTVs shall be transportable on air (*C-17 or A-400, preferably C-130J*) and sea transport without modification, transportable with Heavy Equipment Transporter on EU standard roads and transportable on railway track with a gauge 1,520 mm and 1,435 mm.
- e) The L/MTVs should enable the relevant combat and combat support units to seize and hold terrain, manoeuvre in rural and urbanised areas (*equipped with light (7.62mm) or heavy machine-gun class weapon (12.7 mm machine-gun or 40mm automatic grenade launcher) and capable to carry non-line of sight anti-tank missile system*).
- f) The level of protection and armour shall be high with a minimum of **level 2 against ballistic threats** and **level 2a/2b against mines** – all according to STANAG 4569. Possibility to mount additional set of armour will be treated as advantage. L/MTVs shall be fully operable in climate zones INTERMEDIATE (A3), HOT DRY (A2) and INTERMEDIATE COLD (C1) according to STANAG 2685.

2.3 Common requirements for both platforms:

- a) The MPs shall be either tracked or wheel based. The final decision on whether tracked or wheel based MPs are preferred will be taken during the procurement procedure.
- b) Reduced logistic burden in terms of fuel, ammunition weight and volume, routine maintenance and commonality of spare-parts as well as reduced noise, visual, thermal, and radar signatures will be used as evaluation criteria for procurement procedure.
- c) The MPs will function in a full-spectrum operational environment from war to humanitarian missions with multiple and diverse threats presenting themselves. This demands that the MPs are flexible, highly mobile and agile in the terrain.
- d) Optimised payload for the integration of mission equipment and weapon systems without compromising the vehicle's mobility and protection will be used as evaluation criteria for procurement procedure.

- e) The MPs shall preferably provide an enhanced vision capability including a 360 degree all-around surveillance, recognition and identification devices that can be operated by day and night and under all weather conditions. Platforms should have C3I suite integrated with artillery and air defence systems, friendly force identification systems, and battlefield management systems.
- f) The MPs is expected to be in use for approximately 20 years and future development potential in terms of weight, power supply and integration of future technologies are considered essential.

The sustainment contract will be part of an acquisition contract regarding the delivery of MPs.

In addition to the delivery of MPs, the contract includes:

- 1) Delivery of an initial stock of spare parts for each MP,
- 2) Special tools and test equipment, simulators,
- 3) Documentation,
- 4) Training services.

3.0 Responses

3.1 Responses to this RFI should be written in ENGLISH. Responses to this RFI should not exceed fifty (50) pages for each platform and must contain the following information:

- (a) Capability statement which includes information in detail on:
 - **Technical details** (transmission, suspension, engine, exhaust system, cooling system, electrical system, fuel system, brake system, steering system, *track or tire systems*, platform dimensions (including armament attachments) and weight) etc.;
 - **Mobility** (max. road and off-road (cross-country) speed, ground pressure and performance on heavy and soft terrain, amphibian capability (max. water speed), autonomy (max. road and off-road range) etc.;
 - **Flexibility** of the platform/vehicle layout (availability of the different platform variants);
 - **Fire power** (weapon station (main gun calibre, additional armament or weapon systems available), optical and thermal sights etc.);
 - **Protection** (the level of protection and armour against ballistic threats and against mines, possibility to mount additional set of armour. Capability to operate in climate zones.);
 - **Capacity** (crew and passengers seats, available equipment and ammunition payload, capacity for additional armour);
 - **Transportability** (air transportability by tactical transport aircraft (e.g. C-130, C-160, An-12, An-70, A400M etc.), railway transport according to international standards (e.g. STANAG 2832), road transport by heavy military trailer and semi-trailer, sea transport);
 - Detailed description of available C2 systems (experience of integration C2 systems, integration of government funded systems);
 - Potential availability of logistic and maintenance support in operations areas;
 - Concordance to NATO Standards;
 - Potential available training simulators;

- Documentation and training;
- Special tools and test equipment;
- Preferred an initial stock of spare parts of each platform.

(b) Pricing information:

- Prices¹ for operations and maintenance in 2013 prices (standard unit cost, lifecycle costs for 20 years if average mileages for AVs are expected 500 km/year, but for L/MTV - 1500 km/year);
- Price of base platform and additional capabilities according to requirements (part 2 of RFI).

(c) Availability of maintenance packages.

(d) Clearly mark any information that is proprietary.

(e) Additional information if necessary.

3.2 Responses are due by 1 March, 2013 COB. Both e-mail and mail submittals will be accepted. Please send e-mail response to the kanceleja@mod.gov.lv. Mailed responses should be sent to: **Ministry of Defence of Republic of Latvia, K.Valdemāra Str. 10/12, Rīga, Latvia, LV-1473**. Please mark e-mails and letters with the words “*RFI Mobility platforms*”.

3.3. Upon this RFI MoD will analyse the information and announce a tender at the end of 2013.

4.0 Contracting Office Address:

Ministry of Defence of Republic of Latvia,
K.Valdemāra Str. 10/12,
Rīga, Latvia,
LV-1473

¹ In Euros (EUR) currency