

## **REQUEST FOR INFORMATION (RFI) : LOITER MUNITION SYSTEM**

1. Ministry of Defence, Government of India is desirous of procuring Loiter Munition System for the Indian Army. With the view to identify probable vendors who can undertake the said project, the OEMs / Vendors are requested to forward information on the product which they can offer.
2. The RFI consists of two parts as indicated below:-
  - (a) **Part I.** The first part of Request for Information incorporates Operational parameters and broad technical requirements that should be met by the equipment, tentative date of the issue of Request for Proposal (RFP) and the quantity required to be procured.
  - (b) **Part II.** The second Part of RFI states the methodology seeking response of vendors. Submission of incomplete response format will render the vendors liable for rejection.

### **PART I: OPERATIONAL PARAMETERS AND BROAD TECHNICAL PARAMETERS**

3. Indian Army seeks Loiter Munition System to achieve the following broad characteristics :-
  - (a) A man portable platform with sensors integrated with munition which can perform surveillance tasks by day and night and also execute pinpoint strikes with lethal munition.
  - (b) The loiter munition system should operate at a range of not less than 15km. The system should have capability to loiter above the target, detect targets, enable real time decision making and carry out destruction of the target.
  - (c) The system should be light weight, man portable easy for a soldier to carry and operate.
  - (d) The loiter munition system should be able to operate at a flight endurance of at least 30 minutes and a range of not less than 15 km (LOS).
  - (e) It should be controlled by a ground controller with a data link established with the loiter munition system.
  - (f) It should have warhead to destroy personnel and soft skinned targets.
  - (g) It should be able to detect targets by day and night (thermal capable).
  - (h) The system should function in all weather conditions.
  - (j) The loiter munition system should be capable of providing the desired performance across all spectrums of employment in the Indian terrain and climatic conditions.
  - (k) The total weight of the loiter munition system should not more than 20 kilogram and should be operable with one/two person(s) :-

- (i) One loiter munition with complete set of sensor package mounted on the loiter munition system (with day and night capability).
  - (ii) One ground control station to include ruggedized handheld display, communication system, antenna and tripod. One ground control station should be able to control multiple loiter munitions.
  - (l) The loiter munition system should be able to operate upto an altitude of 4500 meter (AMSL) and not less than 300 meter (AGL).
  - (m) **Security**. The loiter munition system should have anti jamming and anti spoofing properties.
  - (n) **Maps**. The ground control station should have the following types of map :-
    - (i) Raster.
    - (ii) Digital terrain elevation data.
    - (iii) GIS ready maps in SHAPE file format.
    - (iv) GIS geo references should be displayed in latitude- longitude /Indian Military Grid Reference (IMGR).
  - (o) **Electro Magnetic Interference (EMI) / Electro Magnetic Compatibility (EMC) Compliance**. The loiter munition system should fulfill relevant. EMI/EMC requirements as per Military Standards 461E.
  - (p) The loiter munition system should be able to be packed and carried by not more than two personnel including the sub system such as GCS and data link. It should be able to be air dropped placed on a platform system and flexible enough to slither down man packed from helicopters.
4. Tentative date of issue of Request for Proposal (RFP) is **September 2020**. Total quantity required is approximately **100 Loiter Munition Systems**. The approximate quantity should be delivered within **eighteen (18) months** from the date of signing of contract. The vendors should confirm if the requisite quantity can be delivered in the stipulated timeframe.
5. The parameters/broad specifications of the item are mentioned in the questionnaire attached as per **Appendix 'A'**. The vendors are required to respond to the same.
6. Vendors should confirm that following conditions are acceptable:-
- (a) The solicitation of offers will be as per 'Single Stage-Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offers would be at least 18 months from the date of submitting of offers.
  - (b) The technical offers would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.

- (c) The equipment of all TEC cleared vendors would be put through a trial evaluation in India on a 'No Cost No Commitment' basis. A staff evaluation would be carried out by SHQ to analyse the result of field evaluation and shortlist the equipment for introduction into service.
- (d) Amongst the vendors cleared by GS evaluation, a Contract Negotiation Committee would decide the lowest cost bidder (L1) and conclude the appropriate contract.
- (e) Vendor would be bound to provide product support for time period specified in the RFP which includes spares and maintenance tools/jigs/fixtures for operator level and field level repairs.
- (f) The vendor would be required to accept the general conditions of contract given in the Standard Contract Document at Chapter VII of Defence Procurement Procedure (DPP)-2016 placed on [www.mod.nic.in](http://www.mod.nic.in).
- (g) **Integrity Pact**. An integrity pact along with appropriate Integrity Pact Bank Guarantee (IPBG) is a mandatory requirement in the instant case.
- (h) **Performance-cum-Warranty Bond**. Performance-cum-Warranty Bond both equal to 10% value of the contract is required to be submitted after signing of contract.

## **PART II: PROCEDURE FOR RESPONSE**

7. In addition, the vendors are required to furnish details as per Performa at **Appendix 'B'**.
8. Apart from the information as per the Appendix, the vendors should also forward technical details/product brochures/literature, etc., pertaining to the item.
9. The Government of India invites responses to this request only from the Original Equipment Manufacturer (OEM)/Authorised Vendors/Government Sponsored Export Agencies (applicable in the case of countries where domestic laws do not permit direct export by OEMs). The end user of the equipment is the Indian Armed Forces.
10. This information is being issued with no financial commitment and the Ministry of Defence reserves the right to change or vary any part thereof at any stage. The Government of India also reserves the right to withdraw it should it be so necessary at any stage. The vendor should provide disclaimer on commitment to procure the equipment. The acquisition process would be carried out under the provisions of DPP-2016.
11. An interaction with all desirous vendors has been scheduled on **07 April 2020** at **1500 Hours** at Sena Bhawan, New Delhi. All vendors desirous of attending the 'Vendor Interaction' are required to furnish requisite documents as per **Appendix 'C'** to Infantry Directorate/Infantry-7 as per the address given below by **23 March 2020** for obtaining necessary security clearance well in advance.

12. The required information / details may please be forwarded at the following addresses by **20 April 2020** :-

- (a) DIRECTOR GENERAL OF INFANTRY/INFANTRY-7  
GENERAL STAFF BRANCH  
ROOM NO 413, D-1 WING, SENA BHAWAN  
INTEGRATED HEADQUARTERS OF MINISTRY OF DEFENCE (ARMY)  
DHQ PO, NEW DELHI - 110105  
Fax No : +91-11-23018412  
E mail ID : [banyantree@nic.in](mailto:banyantree@nic.in)
  
- (b) DIRECTORATE GENERAL OF WEAPONS AND EQUIPMENT (WE-9)  
GENERAL STAFF BRANCH  
ROOM NO - 411, A WING, SENA BHAWAN  
INTEGRATED HEADQUARTERS OF MINISTRY OF DEFENCE (ARMY)  
DHQ PO, NEW DELHI – 110011  
Fax No : +91-11-23793274  
E MAIL ID : [gso1-we9-army@nic.in](mailto:gso1-we9-army@nic.in)
  
- (c) DIRECTORATE GENERAL OF WEAPONS AND EQUIPMENT (RFP CELL)  
GENERAL STAFF BRANCH  
ROOM NO - 444, A WING, SENA BHAWAN  
INTEGRATED HEADQUARTERS OF MINISTRY OF DEFENCE (ARMY)  
DHQ PO, NEW DELHI – 110011  
Fax No : +91-11-23018883  
Email ID – [dirrfp.we-army@nic.in](mailto:dirrfp.we-army@nic.in)
  
- (d) DIRECTORATE GENERAL OF PERSPECTIVE PLANNING (GSQR CELL)  
GENERAL STAFF BRANCH  
ROOM NO - 122, A WING, SENA BHAWAN  
INTEGRATED HEADQUARTERS OF MINISTRY OF DEFENCE (ARMY)  
DHQ PO, NEW DELHI-110011  
FAX NO : +91-11-2011198  
Email ID : [drcd920-ihq@nic.in](mailto:drcd920-ihq@nic.in)
  
- (e) TECHNICAL MANAGER (LAND SYSTEMS)  
ROOM NO 28, D-II WING, SENA BHAWAN  
MINISTRY OF DEFENCE, NEW DELHI - 11  
Fax No: +91-11- 23792414  
E mail ID : [tmls-mod@nic.in](mailto:tmls-mod@nic.in)

13. An early response is requested.