

DIRECTORATE GENERAL OF ARTILLERY
ARTY-12 (MSL)

EXPRESSION OF INTEREST (EOI) FOR PROCUREMENT OF QUALITY TEN SETS
OF MEDIUM RANGE PRECISION KILL SYSTEM (MRPKS) UNDER
'MAKE II' CATEGORY OF DAP-2020

1. Expression of Interest (Eoi) for procurement of Qty Ten Sets of Medium Range Precision Kill System (MRPKS) under Make-II cat of DAP-2020 has been approved by DCOAS on 24 Aug 2021 and approved by Make PMU on 08 Dec 2021.
2. A copy of the ibid Eoi (31 pages) is forwarded herewith for publishing in IA website with following dates of response and vendor interaction:-
 - (a) Issue of Eoi (To) - 20 Dec 2021.
 - (b) Date of Submission of Queries (To+04 weeks) - 17 Jan 2022.
 - (c) Date of Pre Response Meeting (To+05 weeks) - 24 Jan 2022.
 - (d) Date of Response (To + 08 Weeks) - 14 Feb 2022.
3. For info and necessary action pl.



Encls. As above.

(Prashant Kr Singh)
Col
Offg Col Arty-12 (Msls)

ADG Strat Comn

MoD (DDP), Plg Officer (MS), Room No 175, B Block

Copy to :-

ADG /ADB (Make PMU)

DGCD/ CD (AoN & Cat)

**INVITATION FOR EXPRESSION OF INTEREST (EoI) FOR PROCUREMENT OF QUANTITY
TEN SETS OF MEDIUM RANGE PRECISION KILL SYSTEM (MRPKS)
UNDER 'MAKE II' CATEGORY OF DAP-2020**

References : Defence Acquisition Procedure - 2020.

Appendices :

- Appendix A** : Preliminary Service Qualitative Requirements for Medium Range Precision Kill System (MRPKS).
- Appendix B** : Commercial Evaluation Criteria.
- Appendix C** : Technical Evaluation Criteria.
- Appendix D** : Information Performa.
- Appendix E** : Confidentiality Agreement.
- Appendix F** : EoI Compliance Certificate.
- Appendix G** : Correctness Certificate.

1. **Introduction**. Warfare in the modern days demands the ability to acquire high value targets across the spectrum of operations and destroy them with precision and minimum collateral damage. Medium Range Precision Kill System (MRPKS) can provide a breakthrough against dynamic and well protected static targets by real time acquisition and precision strike. MRPKS once launched can 'loiter' in the air and provide real time imagery to the operator on ground. On detection of a suitable target, the loitering munition with a warhead can be directed on to the target with precision. The current and future battlefield milieu necessitates the requirement of precision guided munitions in order to achieve first strike kill and psychological ascendance over the enemy. The requirement is further amplified due to the wide spectrum of conflict ranging from sub-conventional operations to full scale war. There is an urgent requirement to procure Medium Range Precision Kill System (MRPKS) capable of day and night acquisition and precision engagement of targets.



2. **Objective.** The objective of this invitation of Expression of Interest (Eoi) is to seek willingness of Indian Vendors to participate in the Make II Category for development and procurement of 10 sets of Medium Range Precision Kill System (MRPKS) under Buy Indian (IDDM) category of DAP-2020. Indian Vendors meeting the Technical, Commercial and Project Requirements laid out in the Eoi will be issued a 'Project Sanction Order' to develop a prototype as per provisions of DAP-2020.

3. **Layout.** The Eoi has been covered in following parts:-

- (a) **Part I** : General Information.
- (b) **Part II** : Scope of the Project.
- (c) **Part III** : Evaluation Criteria.
- (d) **Part IV** : Procedure for Submission of Response to the Eoi.
- (e) **Part V** : Miscellaneous.

PART I : GENERAL INFORMATION

4. **Nomenclature.** Medium Range Precision Kill System (MRPKS).

5. **Categorisation.** In accordance with Para 5 (b) (i) of Chapter III of DAP-2020. The design and development of the system must be indigenous. The project is further categorised as under:-

- (a) **Prototype Development Phase.** 'Make-II (Industry Funded)' in accordance with Para 5 (b) (i) of Chapter III of DAP-2020.
- (b) **Procurement Phase.** 'Buy (Indian-IDDM)' in accordance with Para 6 (d) of Chapter III of DAP-2020.

6. **Indigenous Content.** The product will be indigenously designed, developed and manufactured should have minimum of 50 % Indigenous Content (IC) on cost basis of the total contract value.



7. **Quantity.**(a) **Prototype Development Phase.** The following equipment are required:-

<u>Ser</u>	<u>Eqpt</u>	<u>Qty</u>
(i)	Launcher	01
(ii)	Forward Observation Station	02
(iii)	Loitering Munitions	06

(b) **Procurement Phase.** The following equipment/ services are required:-

<u>Ser</u>	<u>Eqpt</u>	<u>Qty</u>
(i)	Launcher	10
(ii)	Forward Observation Station	30
(iii)	Loitering Munition	120
(iv)	Comprehensive Maintenance Contract	05 yrs

8. **Make II Procedure.** Make-II Procedure duly available at Chapter III of DAP-2020, will be referred to hereinafter in the case and a copy of the same is available on MoD website. The Project Facilitation Team (PFT) of Indian Army/ MoD constituted will act as interface between Indian Army and Industry during the Design and Development stage of the project. **No re-imburement of development cost is permissible under Make-II scheme.**

PART II : SCOPE OF THE PROJECT

Medium Precision Kill System (MRPKS)

9. **Scope.** Medium Range Precision Kill System (MRPKS) is conceived as a capability enhancement for Artillery and will be developed by the Indian Industry. The project is aimed at meeting this requirement indigenously.

10. **Preliminary Services Qualitative Requirements (PSQR) of the Proposed System.** PSQR (aligned to DAP-2020) of Medium Range Precision Kill System (MRPKS) is attached at **Appendix A.**

