

REQUEST FOR INFORMATION : NIGHT SIGHT(THERMAL IMAGING) FOR ASSAULT RIFLE FOR INDIAN ARMED FORCES

1. Defence Acquisition Committee (DAC) has accorded Acceptance of Necessity (AoN) for procurement of Night Sight (TI) for 7.62 x 51mm Assault Rifle as per details given below :-

(a) **Quantity.** Approx 22,000.

(b) **Category.** 'Buy (Indian – IDDM)' with minimum 40% Indigenous Content (IC).

2. **Request for Information (RFI).** The RFI was initially floated on 11 Feb 2019 and responses were received for the same. However, in order to maximize participation, essential details of AoN are being published on MoD/Indian Army website now. Any Indian vendor who had not responded to RFI earlier may express interest for seeking Request for Proposal (RFP) and submission of bid within four weeks from date of publication of details on MoD/Indian Army website as per Para 15 (d) of chapter 2 of DPP-2016. Tentative date of issue of RFP is May 2020.

3. With the view to identify additional vendors who had not responded to RFI earlier, OEMs/Vendors are requested to forward detailed information on the product which they can offer.

4. The Uncooled Thermal Image Sight so desired by the Indian Army, should be a light weight and ruggedized device to enable accurate engagement of human targets by use of 7.62 x 51mm Aslt Rif at night/ in hours of darkness/under poor visibility. It should facilitate firing of in-service ammunition.

5. The RFI consists of two parts as indicated below:-

(a) **Part I.** The first part of RFI incorporates operational parameters and broad technical requirements that should be met by the equipment and tentative date of the issue of 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 REQUIREMENTS

1. **Capabilities Sought (Operational Requirement).** Indian Armed Forces seeks **Uncooled Thermal Imaging(TI) based Night Sight for Assault Rifles (Aslt Rif)** with latest technology parameters so that the soldier can engage targets at maximum effective range using 7.62 x 51mm Aslt Rif effectively with following broad characteristics:-
 - (a) **Technology.** **Uncooled Thermal Imaging** with minimum FPA : 640 x 480. Essential requirement for 'Pitch' is less than or equal to 17 microns.
 - (b) **Reticle Pattern.** The sight should have suitable reticle pattern to facilitate accurate engagement of target with 7.62x51mm Aslt Rif upto their effective range of 500m.
 - (c) **Mounting.** The TI Night Sight should be capable of being mounted on Military Standard 1913 compliant Picatinny Rail.
 - (d) **Detection Range.** Detection of a moving human target at minimum 700m for 7.62x51mm Aslt Rif.
 - (e) **Recognition Range.** Recognition of a human target at minimum 500m for 7.62x51mm Aslt Rif.
 - (f) **Weight.** As light as possible.
 - (g) **Service Life.** Minimum service life of 10,000 hours of operation or 10 years is desired.
2. Tentative date of issue of RFP is **May 2020**. Total quantity required is approximately **22,000 (Twenty Two Thousand only)** Night Sight(TI). Planned to be procured in a phased manner, the desired quantity should be delivered **within six (06) months to fifty four months (54)** from the day of Advance Payment. The vendors should confirm if they can deliver requisite quantity of Night Sight (TI) within the stipulated timeframe.

PART - II : PROCEDURE FOR RESPONSE

3. 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.

4. In addition, the vendors are required to furnish details as per Performa at **Appendix 'B'**.

5. This information is being issued with no financial commitment and the Ministry of Defence, Government of India, 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 necessary at any stage. The acquisition process would be carried out under the provisions of DPP - 2016 (revised upto Nov 2019).

6. Apart from the information as per the appendices the vendors may also forward technical details/product brochures/literature etc pertaining to the item.

7. The required information/details may please be forwarded at any of the following addresses by **24 Feb 2020** :-

(a) DIRECTOR GENERAL OF INFANTRY/INFANTRY-8
GENERAL STAFF BRANCH
ROOM NO 403, D-1 WING, SENA BHAWAN
INTEGRATED HEADQUARTERS OF MINISTRY OF
DEFENCE (ARMY)
DHQ PO, NEW DELHI - 110 011
FAX NO : +91-11-23018412
E mail ID : suresh1234@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 – 110 011
FAX NO : +91-11-23793274
E mail ID : 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 : +91-11-23793274
E mail ID : dirrfp.we-army@nic.in

- (d) DIRECTORATE GENERAL OF PERSPECTIVE PLANNING
T&WS (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
E mail ID : 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

8. An early action is requested.