

## **REQUEST FOR INFORMATION (RFI) FOR PROCUREMENT OF SUB MACHINE GUN**

1. The Ministry of Defence, Government of India intends to procure approximate **Qty 1800 Sub Machine Gun for IAF** along with its associated equipment from Indian and Foreign vendors.
2. The Request for Information (RFI) consists of two parts as indicated below:-

(a) **Part I.** The first part of the RFI incorporates operational characteristics and features that should be met by the equipment. A few important technical parameters of the proposed equipment are also mentioned.

(b) **Part II.** The second part of the RFI states the Methodology of seeking response of vendors. Submission of incomplete response format will render the vendor liable for rejection.

### **Part I**

3. **The Intended Use of Equipment.** The Sub Machine Gun is intended to be used by IAF to meet their Operational requirements.

4. **Important Technical Parameters and Additional Inputs.** The equipment should meet the minimum requirement at Appendix 'A'. The vendor is to provide para-wise compliance for aspects brought out at Appendix A along with specific comments on non-compliance (if any). The vendor is to provide following additional inputs:-

(a) **Approximate Cost Estimate.** Indicative cost for Equipment for Sub Machine Gun application should take into account all aspects of supply, Factory Acceptance Trials (FATs) and life cycle support. The indicative cost should also cater to Comprehensive Annual Maintenance Contract (CAMC). Other aspects (if any), may be mentioned specifically.

(b) Indian vendors shall mention capability to indigenously design and develop the Equipment.

(c) Vendors shall mention key technologies and materials required for manufacturing of the Equipment and the extent of their availability or accessibility in case they are not available in India.

(d) Vendors shall mention availability of the Equipment in the Indian market level of indigenization, delivery capability, maintenance support, life-time support etc.

(e) Vendors are to indicate whether they have supplied the same or similar equipment to any other customer. Additionally, vendors are to indicate whether similar equipment is in use in any other Armed Forces.

(f) Vendors are to indicate the manpower required to operate and maintain Equipment. Details of training required for such personnel (including time period for operators and maintainers) are also to be indicated.

(g) Vendors may consider RFI as advance information to obtain requisite Government clearances. Formal procurement procedure in accordance with DPP 16 is expected to commence in end 2017/early 2018.

(h) Vendors may suggest alternatives to meet the same objective as mentioned in this RFI.

(i) **Tentative Delivery Schedule.** The overall time frame of production, delivery with stage wise breakup of the entire project post conclusion of contract is required to be submitted. It is envisaged to operationalise the equipment within six months of signing of Contract.

(j) Vendors are to indicate willingness for Option Clause in accordance with DPP 2016 and indicate the duration for which the Option Clause would be valid.

(k) **Payment Terms.** Vendors are to indicate acceptability to the terms of payment as per Defence Procurement Procedure-2016.

(l) Transfer of Technology is not being sought. However, vendors are to indicate their capability to execute the project and provide product support including:-

(i) Technical support for maintenance of the equipment during its service life, including warranty. The service life of the facility should be at least 10 years.

(ii) Modalities for CAMC including spares, post warranty period.

(m) Vendors are to indicate the provision for upgradeability of equipment to avoid system obsolescence.

(n) Vendors are to indicate restrictions related to export in its country and time to obtain necessary clearance.

(o) Earliest date, by which authorised OEM Vendors / Original Equipment Manufacturers (OEM) are willing to give a presentation at Air Headquarters, New Delhi is to be intimated in response to this RFI.

## **Part II**

### **5. Procedure for Response.**

(a) Vendors must fill the form of response as given in Appendix B to Chapter II of DPP 2016. Apart from filling details about company, details about the exact product meeting the Generic Technical Specifications should also be carefully filled. Additional literature on the product may be attached. Vendors are to provide para-wise compliance in a tabular format to this RFI, along with reasons for non-compliance, if any to all aspects of this RFI.

(b) The filled form should be dispatched at under mentioned address:-

Joint Director Ops (Garud)  
Room no 558C  
Air HQ (Vayu Bhawan)  
Rafi Marg  
New Delhi – 110106

Contact no: 011-23010231/7555(Extn)

Fax: 011-23015104

Email: rakshak.vayuyodha@gov.in

(c) The last date of acceptance of filled form is 08-06-2017. A presentation on the subject may also be sought in case it is felt that certain parameters mentioned in replies to this RFI need further clarification.

6. The Government of India invites responses to this request only from OEMs/ Authorised OEM Vendors/ Government Sponsored Export Agencies (applicable in case of countries where domestic laws do not permit direct export by OEMs)/. The end user of the equipment is the IAF.

7. 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 GOI also reserves the right to withdraw it should it be so necessary at any stage. The acquisition process would be as per DPP 2016.



Sl no	Parameters	Description	Remarks
		<p>(e) <b>Ambidexterity:</b></p> <ul style="list-style-type: none"> <li>(i) Change lever/safety catch</li> <li>(ii) Magazine catch</li> <li>(iii) Cocking handle</li> <li>(iv) Ejection port</li> </ul> <p>(f) <b>Butt Stock:</b> Bottom/side folding or retractable butt (without use of any tools) with locking facility</p> <p>(g) <b>Picatinny Rail:</b></p> <ul style="list-style-type: none"> <li>(i) At 12 O'clock position running continuously</li> <li>(ii) Additional rail at 3 and 9/6 O'clock position</li> <li>(iii) Capable of maintaining bore sight alignment</li> <li>(iv) Comply with Mil Std 1913</li> </ul>	<p>Vendor to specify whether the components are ambidextrous in design or not</p> <p>Vendor to specify</p> <p>Vendor to specify</p>
2	Operational Parameters	<p>(a) Calibre: 9mm x 19 mm</p> <p>(b) Effective Range : Minimum 100m</p> <p>(c) Accuracy: Single shot/Automatic Fire</p> <p>(d) Muzzle Velocity: More than or equal to 360m/s</p>	<p>Vendor to specify</p> <p>Vendor to specify</p> <p>Vendor to specify</p> <p>Vendor to specify</p>

SI no	Parameters	Description	Remarks
		<p>(e) <b>Sighting System:</b> Flip up/rotating, front and rear, iron sight with luminous tip.</p> <p>(f) <b>Safety Mechanism:</b></p> <p>(i) Applied Safety</p> <p>(ii) Mechanical safety: In built safety to avoid accidental firing</p> <p>(iii) Firing Mechanism: Safe, single and auto mode</p> <p>(g) <b>Rate of Fire:</b> More than or equal to 800rds/min</p> <p>(h) <b>Reliability:</b> Not more than one Class I or Class II stoppage and no Class III stoppage in a firing cycle of 2400 rds</p> <p>(j) <b>Ammunition:</b> Be able to fire all types of 9 x 19mm ammunition.</p> <p>(k) <b>Life:</b></p> <p>(i) <b>Shelf Life:</b> More than or equal to 10 years</p> <p>(ii) <b>Life of Barrel:</b> More than or equal to 10000 rds</p>	<p>Vendor to specify</p> <p>Vendor to specify the type of safety mechanism</p> <p>Vendor to specify</p> <p>Vendor to specify the reliability factor and provide the stoppage data for Class I, II, &amp; III.</p> <p>Vendor to specify</p> <p>Vendor to specify</p>
3	Operational conditions	<p>(a) <b>Operating Temperatures:</b> -20<sup>0</sup>C to +45<sup>0</sup>C</p> <p>(b) <b>Storage Temperatures:</b> -20<sup>0</sup>C to +45<sup>0</sup>C</p>	Vendor to specify

Sl no	Parameters	Description	Remarks
4	Accessories & Spares	<p><b>(a) Suppressor:</b></p> <p>(i) With quick action fastener for fast and easy mounting/dismounting of silencer without help of additional tools</p> <p>(ii) Ability to reduce the sound level</p> <p>(iii) Weight</p> <p><b>(b) Tactical torch:</b> With rail clamp designed to rapidly attach /detach it from picatinny rail (Mil Std 1913).</p> <p><b>(c) Sling:</b> Black colour 3 point sling compatible with the carbine</p> <p><b>(d) Vertical Forehand Grip:</b> Removable/ foldable vertical forehand grip, if removable the grip be compatible with 6 O'Clock Picatinny rail (Mil Std 1913)</p> <p><b>(e) Cleaning Kit:</b> With each weapon</p> <p><b>(f) Tactical Thigh Holster:</b> With each weapon</p>	<p>Vendor to also specify the amount of decibels the sound level can be reduced by the Suppressor.</p> <p>Vendor to specify</p> <p>Vendor to specify</p> <p>Vendor to specify</p> <p>Vendor to specify</p> <p>Vendor to specify</p>



SI no	Parameters	Description	Remarks
		<p>(g) <b>Reflex Sight:</b> Each weapon provided with a red dot reflex sight with visible and IR laser pointer.</p> <p>(i) <b>Range:</b> Minimum 100m</p> <p>(ii) <b>Weight</b> (without adapter and batteries)</p> <p>(iii) <b>Colour:</b> Black with no shining parts and scratch resistant Optical surfaces</p> <p>(iv) <b>Mounting:</b> clamping device for a picatinny rail (MIL-STD 1913), allowing attachment or removal from the weapon in a short time without tools.</p> <p>(v) <b>Power Source:</b></p> <p>(aa) Powered with Lithium battery/solar cells.</p> <p>(ab) Lithium battery/solar cells commercially available in India</p> <p>(ac) Facility of automatic shut down.</p> <p>(ad) Battery Endurance</p>	<p>Vendor to specify all parameters in <b>(g) (i) to (xii)</b></p>

Sl no	Parameters	Description	Remarks
		<p>(vi) <b>Field of view</b> with both eyes open</p> <p>(vii) <b>Energy source for dot:</b></p> <p>(aa) Illumination by ambient light through Fiber optic for day to twilight and self illumination in night. Additional adjustable LED for extra bright modes</p> <p>(ab) Target dot brightness automatically adjust depending on the ambient brightness</p> <p>(ac) Capability for manual setting as per the brightness of the target area.</p> <p>(viii) Watertight and resistant to jolts and vibrations. Parallax free and fit for use by both eyes.</p> <p>(ix) Compatible with night vision goggles for night time missions.</p> <p>(x) <b>Lens Diameter</b></p> <p>(xi) <b>Operating temperature.</b>- (-)20<sup>0</sup>C to (+)45<sup>0</sup>C.</p> <p>(xii) <b>Storage Temperature.</b>- (-)20<sup>0</sup>C to (+) 45<sup>0</sup>C.</p>	

Sl no	Parameters	Description	Remarks
		<p>(h) <b>Night vision mini monocular (with each weapon):</b></p> <p>(i) <b>II Tube: 18 mm</b> Gen III or better Figure of Merit.</p> <p>(ii) <b>Weight</b> (without adapter and batteries).</p> <p>(iii) <b>Field of View</b></p> <p>(aa) Integrated IR illuminator with automatic high level cut off system to protect II tube</p> <p>(ab) Integrated LED indicator for IR illuminator in FOV</p> <p>(iv) <b>Mounting Options:</b></p> <p>(aa) Flip up universal helmet mount for mounting in helmet.</p> <p>(ab) Clamping device /adapter for picatinny rail, allowing attachment or removal from the weapon in a short time without tools. (compliant with MIL-STD 1913)</p> <p>(v) High light cut off sensor and motion sensor.</p> <p>(vi) Compliance with type of MIL STD.</p>	<p>Vendor to specify all parameters in <b>(h) (i) to (xvi)</b></p>

Sl no	Parameters	Description	Remarks
		<p>(vii) Capable of continuous operation.</p> <p>(viii) <b>Eyepieces Diopter Adjustment</b></p> <p>(ix) <b>Eye Relief</b></p> <p>(x) <b>Operating temperature</b></p> <p>(xi) <b>Storage Temperature</b></p> <p>(xii) <b>Colour:</b> Black with no shining parts.</p> <p>(xiii) <b>Watertight and resistant to jolts and vibrations.</b></p> <p>(xiv) <b>Range</b></p> <p>(xv) <b>Graticule Pattern</b></p> <p>(xvi) <b>Power Source</b></p>	
5	Appearance and Packing	<p>(a) <b>Color:</b> Black in color with matt finish</p> <p>(b) <b>Packing:</b> Fibre reinforce plastic packing box complying with specification of JSS-1005-11-2013 and a locking device</p>	<p>Vendor to specify</p> <p>Vendor to specify</p>

Sl no	Parameters	Description	Remarks
6	Maintenance	<p>(a) <b>Warranty:</b> Warranty period should be two years or more</p> <p>(b) <b>Annual Maintenance Contract (AMC):</b> The vendor should be able to provide comprehensive AMC for 3/5/10 years, in case required by the buyer.</p> <p>(c) <b>Training:</b> Training on Operator and Maintenance level for minimum 100 IAF personnel</p>	<p>Vendor to specify the cost of maintenance</p> <p>Vendor to specify the details for AMC for 3/5/10 yrs</p> <p>Vendor to specify the cost of training and training aids</p>
7	Delivery	<b>Delivery:</b> The delivery of the Sub Machine Gun to be completed within 180 days from the effective date of contract	Vendor to specify
8	Cost	<p>Vendor to specify Rough Order of Magnitude cost to be provided for the following equipment and associated systems:-</p> <p>(a) Sub Machine Carbine- Qty 1500 (approx) /2000 (approx)</p> <p>(b) Accessories</p> <p>(c) Training</p> <p>(d) Product Support Package</p> <p>(e) Maintenance tools and test equipment</p> <p>(f) Publications</p> <p>(g) MRLS</p> <p>(h) Warranty</p> <p>(j) AMC cost</p> <p>(k) Any other information with respect to cost elements</p>	

**Appendix B**

**INFORMATION PROFORMA (INDIAN VENDORS)**

1. **Name of the Vendor/Company/Firm:**

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(Company profile, in brief, to be attached. In the eventuality of the firm emerging as L1, Contract will be concluded in the name and address of the firm, as indicated here). Vendors are to undertake that any subsequent proposal for change in name of firm or address, will be intimated to Air HQ at the first available opportunity and supporting documents be furnished accordingly within five working days of their approval by the competent authority.

2. **Type (Tick the relevant category).**

Original Equipment Manufacturer (OEM) Yes/No

Authorised Vendor of foreign Firm Yes/No (attach details, if yes)

Others (give specific details)

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3. **Address/Contact Details:**

Postal Address:

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City : \_\_\_\_\_ State: \_\_\_\_\_

Pin Code: \_\_\_\_\_ Tele: \_\_\_\_\_

Fax: \_\_\_\_\_ URL/Web Site: \_\_\_\_\_

4. **Local Branch/Liaison Office in Delhi (if any).**

Name & Address: \_\_\_\_\_

Pin code: \_\_\_\_\_ Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

5. **Financial Details.**

(a) Category of Industry (Large/Medium/Small Scale): \_\_\_\_\_

(b) Annual turnover:\_\_\_\_\_ (in INR)

(c) Number of employees in firm:\_\_\_\_\_

(d) Details of manufacturing infrastructure:\_\_\_\_\_

(e) Earlier contracts with Indian Ministry of Defence/Indian Government agencies:

Contract number.	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation.**

Name of agency	Certification	Applicability from (date & year)	Valid till (Date & year)

7. **Details of Registration.**

Agency	Registration Number	Validity(date)	Equipment
DGS & D			
DGQA/DGAQA/DGNAI			
OFB			
DRDO			
Any other Government agency			

8. **Membership of FICCI/ASSOCHAM/CII or other Industrial Associations.**

Name of Organisation: \_\_\_\_\_

Membership Number: \_\_\_\_\_

**9. Equipment/Product Profile (to be submitted for each product separately)**

(a) Name of Product: \_\_\_\_\_

(IDDM Capability be indicated against the product)  
(Should be given category wise for e.g. all products under night vision devices to be mentioned together)

(b) Description (attach technical literature): \_\_\_\_\_

(c) Whether OEM or Integrator: \_\_\_\_\_

(d) Name and address of Foreign collaborator (if any): \_\_\_\_\_

(e) Industrial License Number: \_\_\_\_\_

(f) Indigenous component of the product (in percentage): \_\_\_\_\_

(g) Status (in service/design & development stage): \_\_\_\_\_

(h) Production capacity per annum: \_\_\_\_\_

(j) Countries/agencies where equipment supplied earlier (give details of quantity supplied): \_\_\_\_\_

(k) Estimated price of the equipment: \_\_\_\_\_

10. Alternatives for meeting the objectives of the equipment set forth in the RFI.

11. Vendor to provide details of IPR documentation/patents/design registration copyrights etc registered with authorized agency with regard to the equipment

12. Any other relevant information \_\_\_\_\_

13. **Declaration.**



(a) It is certified that the above information is true and any changes will be intimated within five (05) working days of occurrence.

(b) It is certified that the design and development is indigenous and belong to the \_\_\_\_\_ (vendor) and /or \_\_\_\_\_ (its Indian Sub Vendor). The Indigenous Content in the said equipment is \_\_\_\_\_ % as on date and is likely to be raised to \_\_\_\_\_ % by \_\_\_\_\_(date). The certification for the same is enclosed.

(c) It is certified that the complete set of design and production drawings are available and source code for all software applications/programmes are also available with the \_\_\_\_\_ (vendor) and that these would be produced for verification when required.

**Note** : Certification for 12 (b) and (c) is required if vendor is claiming the IDDM category.

(d) It is certified that in the past that \_\_\_\_\_(name of the firm) has never been banned /debarred for doing business dealings with MoD/Gol/any other Government organization and that there is no enquiry going on by CBI/ED/any other Government agency against the firm.

**Note:** Para 44 and Appendix F to Chapter II of DPP 2016 may be referred.

**(Authorised Signatory)**

**Annexure III**

**INFORMATION PROFORMA**  
**(FOREIGN VENDORS)**

1. **Name, Address and Unique ID (if any) of the Vendor/Company/Firm.**

\_\_\_\_\_ (Company profile, in brief, to be attached. In the eventuality of the firm emerging as L1, Contract will be concluded in the name and address of the firm, as indicated here). Vendors are to undertake that any subsequent proposal for change in name of firm or address, will be intimated to Air HQ at the first available opportunity and supporting documents be furnished accordingly within five working days of their approval by the competent authority.

2. **Type (Tick the relevant category).**

(a) Original Equipment Manufacturer (OEM)                      Yes/No

(b) Government sponsored Export Agency    Yes/No                      (Details of registration to be provided)

(c) Authorised Vendor of OEM                      Yes/No                      (give specific details)

(d) Others(give specific details) \_\_\_\_\_

3. **Contact Details.**

Postal Address:

\_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ Province: \_\_\_\_\_

Country: \_\_\_\_\_ Pin/Zip Code: \_\_\_\_\_

Tele: \_\_\_\_\_ Fax: \_\_\_\_\_

URL/Web Site: \_\_\_\_\_

4. **Local Branch/Liaison Office/Authorised Representatives, in India (if any).**

Name & Address: \_\_\_\_\_  
 City : \_\_\_\_\_ Province : \_\_\_\_\_  
 Pin code : \_\_\_\_\_ Tel : \_\_\_\_\_ Fax : \_\_\_\_\_

5. **Financial Details.**

- (a) Annual turnover: \_\_\_\_\_ USD
- (b) Number of Employees in firm \_\_\_\_\_
- (c) Details of manufacturing infrastructure available \_\_\_\_\_
- (d) Earlier contracts with Indian Ministry of Defence/Indian Government agencies:

Agency	Contract Number	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation (If Applicable).**

Name of Agency	Certification	Applicable from (date & year)	Valid till (date & year)

7. **Equipment/Product Profile (to be submitted for each product separately)**

- (a) Name of Product: \_\_\_\_\_  
 (Should be given category wise for e.g. all products under night vision devices to be mentioned together).
- (b) Description (attach technical literature): \_\_\_\_\_
- (c) Whether OEM or Integrator: \_\_\_\_\_
- (d) Status (in service /Design development stage): \_\_\_\_\_

(e) Production capacity per annum: \_\_\_\_\_

(f) Countries where equipment is in service: \_\_\_\_\_

(g) Whether export clearance is required from respective Government: \_\_\_\_\_.

(h) Any collaboration/joint venture/co production/ authorised dealer with Indian Industry (give details):

Name & Address: \_\_\_\_\_

Tel : \_\_\_\_\_ Fax : \_\_\_\_\_

(j) Estimated price of the equipment \_\_\_\_\_

8. Alternatives for meeting the objectives of the equipment set forth in the RFI.

9. **Any other relevant information.** \_\_\_\_\_

10. **Declaration.** It is certified that :-

(a) The above information is true and any changes will be intimated within five (05) working days of occurrence.

(b) The \_\_\_\_\_(name of firm) has been never been banned/debarred for doing business dealing with MoD/GOI/ any other Government Organisation and that there is no inquiry going on by CBI/ ED/ any other Government agency against the firm.

**Note:** Para 44 and Appendix F to Chapter II of DPP 2016 may be referred.

**(Authorised Signatory)**