

सब पत्र - व्यवहार महाप्रबंधक के नाम करें किसी अधिकारी के नाम पर नहीं / All correspondence should be addressed to the General Manager and not to any officer by name.



भारत सरकार, रक्षा मंत्रालय
भारतीय आयुध निर्मापित्री
राइफल फैक्टरी ईशापुर
ईच्छापुर-नवाबगंज, उत्तर 24
परगना
प. बंगाल - 743144
GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
INDIAN ORDNANCE
FACTORIES
RIFLE FACTORY ISHAPUR
ICHAPUR-NAWABGANJ

EXPRESSION OF INTEREST: 8.6mm SNIPER RIFLE

1. Indian Ordnance Factories is an industrial set-up which functions under the Department of Defence Production, Ministry of Defence, India. Indian Ordnance Factories with its headquarter (Ordnance Factory Board) at Kolkata, is a conglomerate of 41 manufacturing units, which provide a board and versatile production base with multi-technology capabilities and state-of-the-art manufacturing facilities. OFB supplies to Indian Armed Forces include Tanks, Arty Guns, AD Guns, Infantry weapons, Ammunition form small calibre to large calibre, clothing items etc.
2. **Requirement has been raised by Indian Army** and also a large number of requirement for Sniper Rifle has been stated by various CAPFs & SPOs.
3. OFB intends to participate in the RFP mentioned above. This EOI is being issued for selection of partner for collaboration agreement for production and supply **of 8.6mm Sniper Rifle** against RFP to be issued by MOD as mentioned at Para 2 above.
4. The EOI seeks response from prospective collaborators, who are willing to be associated with OFB through a technology collaboration agreement to manufacture, supply and support Gun and Ammunition system as mentioned above with mutually beneficial work share arrangement. This EOI document consists of four parts as indicated below:

Part - I : Contains general requirements of the Offer

Part - II : Contains aspects of QRs describing the technical parameters of the proposed equipment.

Part - III : Contains compliance statement with respect to QRs mentioned in Part - II.

Part - IV : Contains additional information regarding the system being offered by Respondent.

Part - V : Contains proforma for company profile.
5. The interested prospective collaborators shall approach OFB to ensure their response with details. The response shall necessarily be accompanied with details on company background, technical features/product performance preservation with capabilities, product catalogue, reference list, financial performance and other enclosures as required under the present EOI.

6. Detailed discussion to finalize the terms & conditions/scope of collaboration agreement would be held with the selected Respondent based on the responses received against this EOI.
7. A Memorandum of Understanding (MoU) shall be signed with the selected prospective collaborator before submission of bid against RFP to Indian Army / MoD. The license & technology collaboration agreement and the Supply Agreement shall be entered into with the selected prospective collaborator after receipt of contract by OFB from MoD.
8. OFB has the right to verify the documents submitted and claims made in offers through Physical verification.
9. All the Respondents will be technically evaluated on the basis of their compliance to general and technical requirements mentioned in Part-I, Part-II and Part-III of this RFI.
10. If only one technically suitable response is received then the Respondent will be straightway selected for Technical Collaboration agreement with OFB. If there are more than one technically suitable offers then a separate RFP will be issued by OFB to the **shortlisted Respondents only** and one of the shortlisted Respondent will be selected, based on their response to the RFP, for technical collaboration with OFB.

The last date for receipt of responses is [31/07/2017](#). Your response may be sent to the following address:

The General Manager
Rifle Factory Ishapore,
P.O.Nawabganj, District: North 24 parganas,
West Bengal-743144
Telephone:033-2593-7000
Fax:033-25937200
Email: rfi.ofb@nic.in

PART - I:

Eligible vendor/OEMs have to supply the World Class Sniper Rifle with calibre 8.6mm. A Sniper Rifle being an important force multiplier should be light weight, highly accurate and able to hit the target at a distance of not less than 1500m. The Rifle should be able to work in all environmental condition and geographical terrain.

PART - II

Qualitative Requirement of Sniper Rifle

RFI seeks a Sniper Rifle having the capability of pin point engagement of value targets, as a potent weapon with the following broad Characteristics:

A. OPERATIONAL PARAMETERS:

1. **Effective Range**: Minimum 1500 meters.
2. **Calibre**: 8.6mm
3. **Muzzle velocity**: Not less than 800 m/s (± 15 m/s).
4. **Operating mechanism**: Bolt action.
5. **Safety**: Applied safety by Change Lever or Safety Selector Switch.
6. **Picatinny Rails**: MIL STD 1913 to be provided.
7. **Flash suppressor**: To be provided.
8. **Reliability**: In firing of 100 rds, it should not suffer from more than one - Class-I or Class-II and no Class-III stoppages.
 - a) Class-I stoppage: can be removed by the firer within 10 sec without the use of any tools/equipment/spares by using only immediate action drill.
 - b) Class-II stoppage: can be removed by firer in 10 sec to 10 min using tools/equipment/spares issued with the weapon.
 - c) Class-III stoppage: takes more than 10 min or special tools/equipment to rectify the defects and resume firing.
- 9) **Accuracy**: When 5 rounds of ammunition provided by OEM, are fired at 100 m, it must have a maximum permissible MOA (Minutes Of Angle) of 01 (one).
- 10) **Sighting System**:
 - a) Open sight must be provided with markings up to 600m.
 - b) Telescopic Day Sight:
 - (i) **Variable magnification**
 - (aa) **Minimum** - Not more than 3x. Field of view - 12 degrees
 - (ab) **Maximum** - Not less than 9x. Field of view - 4 degrees
 - (ii) **Weight**: Not more than 1.2 kg (including picatinny adapter)
 - (iii) Illuminated cross hair reticule pattern for aiming and range estimation up to 1800m.
 - (iv) The sight must be compliant to specified parameters of IS:10236 / JSS-55555 for environmental and durability evaluation.
 - (v) **Diopetre adjustment** : Must have minimum diopetre adjustment of $\pm 4D$.

11) **Packaging:** Ruggedized box for packing each sniper rifle along with its sight and accessories for multiple transportation must be provided.

12) **Accessories:** To be suggested .

B. Physical Characteristics:

1. Weight without magazine and accessories/ attachments : 4.8 Kg
2. Weight with all accessories: Not more than 6.7kg.
3. Over all length : Not more than 1120mm with Flash Eliminator.
4. Colour: The sniper rifle must be Black & Wall Nut Brown in colour.

C. Operation and maintenance

1. Environmental Tolerance It must be possible to fire the sniper rifle under the following environmental conditions.

a) Temperature

- i) Minimum - Between minus 20°C and minus 10°C
- ii) Maximum- Between 40°C and 45°C.

b) Humidity 95% at 40°C

2. Service Life The life of the Sniper Rifle must not be less than 15 years .

PART - III: COMPLIANCE STATEMENT

Sl.	Parameter	Compliance (Yes/No)	Remarks
<u>A</u>	<u>Operational Characteristics</u>		
1	Effective Range		
2	Calibre		
3	Muzzle velocity		
4	Operating mechanism		
5	Safety		
6	Picatinny Rails		
7	Flash suppressor		
8	Reliability		
9	Accuracy		
10	Sighting System		
11	Packaging		
12	Accessories		
<u>B</u>	<u>Physical Characteristics</u>		
1	Weight without magazine and accessories/ attachments		
2	Weight with all accessories		
3	Over all length		
4	Colour		
<u>C</u>	<u>Operation and maintenance</u>		
1	<u>Environmental Tolerance</u>		
a)	Temperature		
b)	Humidity		
2	Service Life		

PART - IV: ADDITIONAL INFORMATION

Any other additional information about the product which is necessary to be mentioned in the RFI. Respondent are requested to specify all such information.

PART - V

INFORMATION PERFORMA

1 Name of the Vendor/Company/Firm

2 Type (Tick the relevant category)

Original Equipment Manufacturer (OEM) Yes / No
Authorized Vendor of Foreign Firm YEs / No (Attach details,if Yes)
Others (give specific details)

3 Contact Details

Postal Address:

City State
Pin
Code Tele
Fax URL/Web site

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

Name & Address

Pin
Code Tele Fax

5 Financial Details

- (a) Category of Industry (Large/medium/small scale)
(b) Annual Trunover (in INR)
(c) Number of employees in firm
(d) Details of manufacturing infrastructure
(e) Earlier contacts with Indian Ministry of Defence/Government agencies

Contact Number	Equipment	Quantity	Cost

9 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 device to be mentioned together)
- (b) Description (attach technical literature)
- (c) Whether OEM or Integrator
- (d) Name & address of Foreign Collaborator (if any)
- (e) Industrial Licence Number
- (f) Indigenous component of the product (in percentage)
- (g) Status (in service/design & development stage)
- (h) Production capacity per annum
- (i) 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 RFI

11 Any other relevant information

12 Declaration

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

**(Authorized
Signatory)**



तार : 'राइफल', ईच्छापुर - नवाबगंज, TELEGRAM : 'RIFLE', ICHAPUR-NAWABGANJ
टेलीफोन/TELEPHONE : 033-25963100, 2593-7119 to 23, 29; 2593-8072,73,74; 2592-7233, फैक्स/ FAX : 033-2593-7200
ई-मेल/e-mail : rfi.ofb@nic.in, वेबसाइट/Website : www.rfi.gov.in / www.rfi.nic.in
आई एस ओ 9001-2008 एवं आई एस ओ 14001-2004 इकाई / ISO 9001-2008 & ISO 14001-2004 UNIT
एन ए बी एल स्टैन्डर्ड (आई एस ओ/ आई ई सी 17025:2005)/ NABL standard (ISO/IEC 17025:2005)