

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 निर्मापिरी  
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: 7.62X39mm ASSAULT 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. This EOI is being issued for selection of partner for collaboration agreement for production and supply of 7.62x39mm Assault Rifle.
3. 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.
4. The interested prospective collaborators shall approach OFB/RFI 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. Interested prospectives are required to submit 2 Nos. of 7.62x39mm Assault Rifles as advance returnable samples on No Cost No Commitment basis for internal evaluation.
5. 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.

6. 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.
7. OFB has the right to verify the documents submitted and claims made in offers through Physical verification.
8. 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.
9. If only one technically suitable response is received then the Respondent will be straightway selected for Technical Collaboration agreement with OFB/RFI. If there are more than one technically suitable offers then a separate RFP will be issued by OFB/RFI 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 **30/06/2017**. 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 Assault Rifle with calibre 7.62x39mm. The Assault Rifle should be of light weight, accurate and able to hit the target at a distance of not less than 300m. The Rifle should be able to work in all environmental condition and geographical terrain.

## PART - II

### Qualitative Requirement of 7.62x39mm Assault Rifle

RFI seeks a 7.62x39mm Assault Rifle with adequate lethality to achieve the objective of 'Shoot to Kill' with the following Characteristics & requirements:

SL. NO.	PARAMETERS	Requirement
01	CALIBRE	7.62x39 mm
02	Ammunition	SA 7.62 x 39mm Ball Ammunition
03	Type of Fire	Automatic/ semi automatic
04	Cyclic Rate of Fire	600 rds per minute (minimum)
05	Overall Length Butt-retracted Folded/Fixed	750 mm Maximum in foldable butt 950 mm Max in Extended Butt
06	Operation	Gas
07	Locking	Rotating Bolt
08	Bayonet	Should be multi purpose
09	Weight of Rifle with empty magazine (Including Muzzle attachment, Excluding Bayonet & optical sight)	3.5 Kg Maximum
10	Barrel	Chromium Plated
11	Ejection Pattern	Front Angular 15° to 75° (Desirable)
12	Safety	Should have mechanical and applied safety
13	Rifling	4 grooves minimum
14	Life of Barrel	15,000 rds minimum
15	Ability to withstand impact	Should be able to withstand an impact of free fall on hard/rocky surface from a height of 6 feet.
16	Shine and Colour of Furniture	Black with good aesthetic look with matt finish without shine.

SL. NO.	PARAMETERS	Requirement	
17	Furniture	a) Butt stock Assembly- Fixed wooden/ FRP or metallic/retractable b) i) Upper Hand guard - FRP ii) Lower Hand Guard - FRP c) Pistol Grip - FRP d) Magazine - Metallic/ FRP	
18	Capacity of Magazine	30 Rounds (Minimum)	
19	Effective Range	Not less than 300m	
20	Muzzle Velocity	700± 10m/s. Ammn. to be provided by the OEM.	
21	Flash Eliminator	Essential	
22	Ambidexterity	Safety & Cocking should be ambidextrous	
23	Provision for mounting 40mm UBGL	Essential	
24	Picatinny Rail for Reflex and PNV Sight	Essential	
25	Tactical Light and Laser Designator	Provision for attachment.	
26	Accuracy	<b>10 shot group @ 100 meters</b>	<b>10 shot group @ 300 meters</b>
		5.9 in (15 cm)	17.5 in (44 cm)
27	Operating/Storage temperature		
a)	Operating Temperature	-40°c to +50°c	
b)	Storage Temperature	-40°c to +50°c	
c)	Humidity	95 % at 25°c	

### PART - III: COMPLIANCE STATEMENT

The technical requirement of the System as mentioned in Part-II above to be converted into a tabular format given below so as to ensure that no parameter is left out-

SL. NO.	PARAMETERS	COMPLIANCE (YES/NO)	REMARKS
01	CALIBRE		
02	Ammunition		
03	Type of Fire		
04	Cyclic Rate of Fire		
05	Overall Length Butt-retracted Folded/Fixed		
06	Operation		
07	Locking		
08	Bayonet		
09	Weight of Rifle with empty magazine (Including Muzzle attachment, Excluding Bayonet & optical sight)		
10	Barrel		
11	Ejection Pattern		
12	Safety		
13	Rifling		
14	Life of Barrel		
15	Ability to withstand impact		
16	Shine and Colour of Furniture		

SL. NO.	PARAMETERS	COMPLIANCE (YES/NO)	REMARKS
17	Furniture		
18	Capacity of Magazine		
19	Effective Range		
20	Muzzle Velocity		
21	Flash Eliminator		
22	Ambidexterity		
23	Provision for mounting 40mm UBGL		
24	Picatinny Rail for Reflex and PNV Sight		
25	Tactical Light and Laser Designator		
26	Accuracy		
27	Operating/Storage temperature		
a)	Operating Temperature		
b)	Storage Temperature		
c)	Humidity		

#### **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)**

