

## **REQUEST FOR INFORMATION FOR TWO FULL MISSION ('D' LEVEL) SIMULATORS FOR AN-32 RE AIRCRAFT**

1. The Ministry of Defence, Government of India, intends to procure two full mission simulators for the upgraded AN-32 RE aircraft.
2. This Request for Information (RFI) consists of two parts as indicated below:-

Part I. The first part of the RFI incorporates operational characteristics and features that should be met by the equipment. Few important technical parameters of the proposed equipment are also mentioned.

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 (Operational Requirements).** The full mission simulator is intended to be used for flying and mission training of pilots on all roles of the upgraded AN-32 RE aircraft.
4. **Important Technical Parameters.** The technical requirements are placed at **Annexure-I**.
5. Vendor should confirm that following conditions are acceptable:-
  - (a) The solicitation of offers will be as per 'Single Stage-Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offers would be at least 18 months from the date of submitting of offers.
  - (b) The technical offer would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.

- (c) The equipment of all TEC cleared vendors would be put through a trial evaluation in India on a 'No Cost No Commitment' basis. A staff evaluation would be carried out by SHQ to analyse the result of field evaluation and shortlist the equipment for introduction into service.
- (d) Amongst the vendors cleared by the staff evaluation, a Contract Negotiations Committee would decide the lowest cost bidder (L1) and conclude the appropriate contract.
- (e) Vendor would be bound to provide product support in terms of a comprehensive Annual Maintenance Contract for time period and terms & conditions specified in the RFP.
- (f) The vendor would be required to accept the general conditions of contract given in the Standard Contract Document at Chapter V of DPP 2013 placed on [www.mod.nic.in](http://www.mod.nic.in).
- (g) **Offset.** The vendor will have to undertake offset contracts amounting to 30% of the value of commercial proposals.
- (h) **Integrity Pact.** An integrity pact along with appropriate EMD is a mandatory requirement in the instant case.
- (j) **Performance-cum-Warranty Bond.** Performance-cum-Warranty Bond both equal to 5% value of the contract is required to be submitted after signing of contract.

## **PART-II**

### **6. Procedure for Response.**

- (a) Vendor must fill the form of response as given in Appendix 'E' of Chapter 1 of DPP 2013 (**attached as Annexure II and III**) as applicable. Apart from filling details about company, details about the exact product meeting our generic technical specifications (defined in Annexure-I) should also be carefully filled. Additional literature on the product can also be attached with the form.

(b) The filled form should be dispatched at under mentioned address, within **six weeks** from the date of issue of this RFI:-

PD ASR  
Room No 442, Air HQ (Vayu Bhawan)  
Rafi Marg, New Delhi-110106  
Fax: 91-11-23011836

7. The Government of India invites responses to this request only from Original Equipment Manufacturers (OEM)/ Authorized Vendors/ Government Sponsored Export Agencies (applicable in the case of countries where domestic laws do not permit direct export by OEMs). The end user of the equipment is the Indian Air Force.

8. Vendor is to clearly state in his proposal, the plan and timelines for providing the simulators. Necessary Government clearances would need to be obtained, where applicable by the vendor for supply of the equipment to Government of India. Vendor is to provide ROM cost for two Simulators under the following options: -

(a) Cost for direct purchase of two full mission simulators.

(b) Cost for an annual comprehensive (including all spares) maintenance support along with terms and conditions for the performance based support.

9. 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 Government of India also reserves the right to withdraw it should it be so necessary at any stage. The acquisition process would be carried out under the provisions of DPP-2013.

**Annexure-I**  
(Refers to Para 4 of RFI)

**REQUIREMENTS FOR THE FULL MISSION ('D' LEVEL) SIMULATORS  
FOR AN-32 RE AIRCRAFT FOR INDIAN AIR FORCE (IAF)**

1. IAF has signed a contract with M/s Spets Techno Export, a state enterprise of Ukraine for upgrading the AN-32 RE aircraft. The design and development has been carried out by Antonov Design Bureau and series production of the aircraft is being executed by IAF.
2. The Full Mission Simulator (FMS) will be required to faithfully simulate the cockpit and all characteristics of the upgraded AN-32 RE aircraft, in all its role, to 'Zero Flight Hour Standard' (Level-D).
3. Interested vendors will need to interact with M/s Spets Techo Export and Antonov Design Bureau to ascertain and obtain the required details and data for the flying characteristics of AN-32 RE aircraft. A suitable MoU/ back to back contract may need to be drawn with these companies for execution of the task.
4. The simulator should be certified and acceptance of the simulator by IAF will be based on qualification and acceptance of the simulator by the OEM of the upgraded aircraft, which will need to be arranged by the vendor.
5. A detailed plan, technical capabilities, specifications and arrangement for establishing the FMS for the AN-32 RE aircraft will need to be provided in the response.

**Annexure II**  
**(Refers to Para 6 (a) to RFI)**

**INFORMATION PROFORMA**  
**(INDIAN VENDORS)**

1. Name of Company/SME Unit: .....

2. Address/Contact details.....

**Postal Address:**

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City:

State:

Pin Code

Telephone:

Fax:

URL/Website

3. **Details about the Company/SME Unit:**

(a) Category of Industry (Large/Medium/small scale).....

(b) Industrial License if any (Copy to be attached).....

(c) Annual turnover for the last three years:.....(in INR)

(d) Central Excise registration No. (if any).....

(e) Number of employees.....

(f) Details of manufacturing infrastructure i.e details of machines installed Factory /Plant wise in the following format

**Location of the Factory/Plant**

SI No.	Description of Machineries installed	Technical Specifications (Make, Model etc.)	Year of installation

(g) Details of the R&D infrastructure i.e staff, equipment and expenditure on R&D as %age of turnover in the last three years.

(h) Details of electricity connection:

Sl No.	Name of electricity supplying company	Total number of electricity meters installed in the factory	Electricity consumer number	Sanctioned electricity load

4. **Major contract executed in the last three years or being executed with Indian Ministry of Defence or other agencies:**

Contract No.	Equipment	Quantity	Cost

5. **Details of Registration:**

Agency	Registration Number	Validity	Equipment
DGS&D			
DGQA/DGAQA/DGNAI			
OFB			
DRDO			
Any other Govt Agency			

6. **Certification by Quality Assurance Organisation (If applicable):**

Name of Agency	Certification	Applicable from (Date & Year)	Valid Till (Date & Year)

7. Any other relevant information.....

**8. Undertaking**

It is certified that the Company/SME Unit has adequate capability in India for production/manufacturing /system integration for the product(s) being procured or for similar products as well as the capability for maintenance and life cycle support for such product(s).

**9. Declaration:**

(i) I/We\_\_\_\_\_ hereby declare that the information given above is true, correct and complete in every respect to the best of my /our knowledge and belief and any changes will be intimated within one month of occurrence.

(ii) I am/We are authorized to sign this information.

**(Authorised Signatory)**

**Annexure-III**  
(Refers to Para 6 (a) of RFI)

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

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

(Company profile, in brief, to be attached) \_\_\_\_\_

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

Original Equipment Manufacturer (OEM)      Yes/No

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

Authorised Vendor of OEM      Yes/No (attach details)

Others (give specific details)

3. **Contact Details**

Postal Address: \_\_\_\_\_

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

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

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

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

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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/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: \_\_\_\_\_

Tele : \_\_\_\_\_ 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 the above information is true and any changes will be intimated within five (05) working days of occurrence.

**(Authorised Signatory)**