

## **INDIGIS-Enterprise**

**INDIGIS-Enterprise** is a Military Enterprise Geographical Information system indigenously developed by CAIR, DRDO which can provide a platform for visualization and analysis of digital maps and overlays to carryout operation planning for tri-services. It offers OGC certified service APIs and Applications developed using this technology will be DCyA certifiable. Along with the service APIs, it also offers a suite of desktop APIs using which custom applications can be developed to meet specific requirements of armed forces.

The offered technology consists of INDIGIS-Server, INDIGIS Web Client, INDIGIS Desktop and INDIGIS Mobile App along with Software Development Kit (SDK). It has judicious mix of GIS-Remote Sensing-Photogrammetric analysis with 2D and 3D visualization. It can support a geo-database with hundreds of TBs of data and services can be offered to large number of clients over limited bandwidth network. This can become Import substitute & it possesses Export Potential. Salient features of this technology are

### **Architectural:**

- Scalable architecture, scale agnostic performance, deployable on any military network
- Bandwidth adaptive GIS services
- Available on Desktop, Web, Mobile
- Centralised map repository, Decentralised publishing & integrated visualisation

### **Functional:**

- Military Grid & Military Decision Aids
- Offline and Online Capability in Desktop, No data residue in web client cache
- Amphibious & Cross Domain Capability
- Capability to handle MIL and Open Source Data at world scale
- State-of-the art Capabilities in comparison with existing COTS and OSS
- Suite of customizable and reusable GIS library

### **Certifications:**

- OGC Certified Interoperable Military GIS
- CERT-in certified Military GIS
- DCyA certifiable

1. Interested Companies/industries are requested to apply against this EoI to the following address:-

**To,  
The Director  
Centre for Artificial Intelligence & Robotics  
DRDO Complex, CV Raman Nagar  
Bengaluru-560093**

**Phone : 080-25342646**

**Fax : 080-25244298**

**Email : director[dot]cair[at]gov[dot]in**

2. A copy of interest may be sent to the following address without any attachment:-

**To,  
The Director,  
Directorate of Industry Interface & Technology Management (DIITM),  
Room No. 447, DRDO Bhawan Rajaji Marg, New Delhi-110 011  
Email- diitm.hqr@gov.in  
Phone No. 011-23013209  
Fax No.011-23793008**

All industries interested in seeking ToT are requested to apply in the format given below along with supporting documents (as applicable). Kindly provide reference of page no. of supporting document in the relevant field also. The list of documents to be attached is provided in Annexure - I.

**PART-1**

**i. General Information**

	<b>Name of the Technology requested for Technology Transfer (Technology name and concerned Lab, Category)</b>	
	<b>Name of the industry/ organization</b>	
	<b>Complete Address and other details</b>	
	<b>Registered Office</b>  State Phone No Fax Email Website	
	<b>Factory</b>  State Phone No Fax Email Website	
4.	<b>Point of Contact</b> Name	

	Designation Address Mobile No Ph No Email ID	
5.	<b>NAME OF CMD/ MD /PARTNERS/ PROPRIETOR/ etc</b> Name Designation Address Mobile No Ph No Email ID	
	<b>Date of Incorporation of company</b>	
	<b>Foreign Direct Investment in company (if any in %)</b>	
	<b>Shareholding pattern</b>	
	<b>Turn over as per Audited Balance Sheet for the preceding three years.</b> Year _____ Year _____ Year _____	
	<b>Annual budget for R&amp;D during last three years (if any)</b> Year _____ Year _____ Year _____	
	<b>Income Tax returns for the preceding three years period</b> Year _____ Year _____ Year _____	
	<b>Nature of company</b> DPSU, Private Limited, Public Limited, Partnership, Proprietary, Ex- Serviceman Unit	
	<b>Category of industry</b> Large Scale, Medium Scale, Small Scale, Micro, Startup	
	<b>MSME Registration No</b>	
	<b>Certificates of registration as a manufacturing unit, if any.</b>	
	<b>If Startup, DPIIT Registration No</b>	
	<b>UDYOG AADHAR No</b>	
	<b>PAN Number</b>	
	<b>Details of Industrial license for defence manufacturing</b>	

	<b>issued by DPIIT (if any)</b>	
	<b>Details of PESO license (if any)</b>	
	<b>GST Number</b>	
	<b>Nature of business</b> Manufacturing/ Sole Selling or Authorized Agent/ Assembler/ Traders/ Dealer/ Processor/ Repacker/ Others	
	<b>Details of current products and services</b> Products and services Supplied (please specify Govt/ Domestic market/ Export)	
	<b>Record of past performance</b> (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).	
	<b>Details of registration with</b> NSIC / SSI, DGS&D, other Defence Department, other Govt. Dept, membership of FICCI/ASSOCHAM/CII or other Industrial Association <b>(Attach relevant copies of registration letters)</b>	
	<b>Have you already taken any technology from DRDO</b> (If yes, give details attaching separate sheet) Name of the Technology, Lab, Year, License number & Status	
	<b>ISO/ ISI certification or any other certification</b> (If yes, give details)	
	<b>Relevant clearances form the authorities/ ministries</b> (if any)	
	<b>Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.</b>	
	<b>Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.</b>	

## **PART-2**

### **ii. Infrastructure and other Information**

1. **Total area of factory**  
Covered (m<sup>2</sup>),  
Uncovered (m<sup>2</sup>),  
Bonded space available (m<sup>2</sup>)
2. **Ownership of factory**  
Self-owned, partnership, rental
3. **Electric power**  
Sanctioned  
Installed  
Standby (if any)
4. **Availability of adequate infrastructure** (List of  
machines and their production capacities) and

- technical expertise
5. **Name of bank & A/c No**  
 Name of bank  
 A/c type  
 A/c no  
 Address of the bank  
 Phone: Email:

**1.1 Details of current products:**

Sl.no	Type	Description	Licensed/installed capacity	Annual production for preceding 3 years
.				

**2.1 Details of foreign collaboration, if any**

Sl.no	Product	Name & address of collaborator	Year	Remarks
.				

**3.1 Details of products developed for services**

Sl.no	Nomenclature of stores	Order no and date	Remarks
.			

**4.1 Please give details of important facilities & infrastructure as per following format for:**

- a. Production
- b. Unconventional, special m/c
- c. Testing & quality control facilities

Sl.no	Description of m/c	Make & model	Qty	date of purchase	Remarks
.					

**5.1 Furnish the following details with relevant certificates and documents**

- a. R&D facilities available :
- b. Inspection quality control of raw material components :
- c. Assistance from central agency for testing / calibration etc. :
- d. laboratory and drawing office facility :

**6.1 Principal customers:**

Sl.no	Name & address	S.O No. & date	Date of last supply	Products supplied	Value
.					

**7.1 Future plan (if any) in respect of expansion programme installation of additional machines/ test facilities etc.**

**8.1 Name of the technology requested for transfer (give self-assessment of your capability to absorb the technology)**

**9.1 Details of employee as on date on firm's pay roll**

PERMANENT				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager Q.C. Manager Supervisor Testing Staff (Qc) Skilled workers Unskilled workers, etc.			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others etc			

TEMPORARY				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager Q.C. Manager Supervisor Testing Staff (Qc) Skilled workers Unskilled workers, etc			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others, etc			

**DECLARATION :**

I / we confirm that the information furnished in Part 1 & 2 above is correct. In

the event of any information given by me / us is found incorrect / false at any time, I / we understand our EoI for ToT will be cancelled/ rejected without notice, beside any other appropriate action against me / us.

Industry seal

Authorized signatory

Name(s) in capital  
designation and seal of authorized  
signatory

dated:

Place:

**List of Support documents to be attached with EoI:-**

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time).
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet for the preceding three years.

- (d) Income Tax returns for the preceding three year period.
- (e) Details of shareholding/ownership pattern especially foreign partners/shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/ DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc., held by the company.
- (h) Number of technically or professionally qualified personnel.
- (i) Record of past performance (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).
- (j) Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipments.
- (l) ISO/ ISI certification or any other certification.
- (m) Relevant clearances form the authorities/ ministries (if any).
- (n) Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if ToT is for high energy Material, explosives, propellants, and component/ system dealing with it etc.
- (q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non-executive Directors, Key management personnel are involved in any corrupt practices, unfair means and illegal activities.
- (r) Details of the industries license for Defence manufacturing be provided by the industry seeking ToTs.
- (s) Application cum Industry Assessment Form.



1. Interested Companies/industries are requested to apply against this EoI to the following address:-

**To,  
The Director,  
Centre for Artificial Intelligence & Robotics (CAIR)  
DRDO Complex, CV Raman Nagar Bengaluru-560093.  
Phone : 080-25342646. Fax : 080-25244298.  
Email : director.cair@gov.in**

2. A copy of interest may be sent to the following address without any attachment:-

**To,  
The Director,  
Directorate of Industry Interface & Technology Management (DIITM),  
Room No. 447, DRDO Bhawan Rajaji Marg, New Delhi-110 011  
Email- diitm.hqr@gov.in  
Phone No. 011-23013209  
Fax No.011-23793008**

All industries interested in seeking ToT are requested to apply in the format given below along with supporting documents (as applicable). Kindly provide reference of page no. of supporting document in the relevant field also. The list of documents to be attached is provided in Annexure - I.

### **PART-1**

#### **General Information**

6.	<b>Name of the Technology requested for Technology Transfer (Technology name and concerned Lab, Category)</b>	
----	---	--

7.	<b>Name of the industry/ organization</b>	
8.	<b>Complete Address and other details</b>	
	<b>Registered Office</b>  State Phone No Fax Email Website	
4.	<b>Factory</b>  State Phone No Fax Email Website	
	<b>Point of Contact</b> Name Designation Address Mobile No Ph No Email ID	
5.	<b>NAME OF CMD/ MD /PARTNERS/ PROPRIETOR/ etc</b> Name Designation Address Mobile No Ph No Email ID	
11.	<b>Date of Incorporation of company</b>	
12.	<b>Foreign Direct Investment in company (if any in %)</b>	
13.	<b>Shareholding pattern</b>	
14.	<b>Turn over as per Audited Balance Sheet for the preceding three years.</b> Year ____ Year ____ Year ____	
15.	<b>Annual budget for R&amp;D during last three years (if any)</b> Year ____ Year ____ Year ____	

16.	<b>Income Tax returns for the preceding three years period</b> Year _____ Year _____ Year _____	
17.	<b>Nature of company</b> DPSU, Private Limited, Public Limited, Partnership, Proprietary, Ex- Serviceman Unit	
18.	<b>Category of industry</b> Large Scale, Medium Scale, Small Scale, Micro, Startup	
19.	<b>MSME Registration No</b>	
20.	<b>Certificates of registration as a manufacturing unit, if any.</b>	
21.	<b>If Startup, DPIIT Registration No</b>	
22.	<b>UDYOG AADHAR No</b>	
23.	<b>PAN Number</b>	
24.	<b>Details of Industrial license for defence manufacturing issued by DPIIT (if any)</b>	
25.	<b>Details of PESO license (if any)</b>	
26.	<b>GST Number</b>	
27.	<b>Nature of business</b> Manufacturing/ Sole Selling or Authorized Agent/ Assembler/ Traders/ Dealer/ Processor/ Repacker/ Others	
28.	<b>Details of current products and services</b> Products and services Supplied (please specify Govt/ Domestic market/ Export)	
29.	<b>Record of past performance</b> (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).	
30.	<b>Details of registration with</b> NSIC / SSI, DGS&D, other Defence Department, other Govt. Dept, membership of FICCI/ASSOCHAM/CII or other Industrial Association <b>(Attach relevant copies of registration letters)</b>	
31.	<b>Have you already taken any technology from DRDO</b> (If yes, give details attaching separate sheet) Name of the Technology, Lab, Year, License number & Status	
32.	<b>ISO/ ISI certification or any other certification</b> (If yes, give details)	
33.	<b>Relevant clearances form the authorities/ ministries</b> (if any)	
34.	<b>Capacity and capability to undertake developmental work</b>	

	<b>and to accept attendant financial and commercial risks.</b>	
35.	<b>Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.</b>	

## PART-2

### Infrastructure and other Information

#### 10.1 Total area of factory

- 1 Covered (m<sup>2</sup>),  
Uncovered (m<sup>2</sup>),  
Bonded space available (m<sup>2</sup>)

#### 11.1 Ownership of factory

Self-owned, partnership, rental

#### 12.1 Electric power

Sanctioned  
Installed  
Standby (if any)

#### 13.1 Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise

#### 14.1 Name of bank & A/c No

Name of bank  
A/c type  
A/c no  
Address of the bank  
Phone: Email:

### **Appendix 'A' Details of current products:**

Sl.no	Type	Description	Licensed/installed capacity	Annual production for preceding 3 years
.				

### **Appendix 'B' Details of foreign collaboration, if any**

Sl.no	Product	Name & address of collaborator	Year	Remarks
.				

### **Appendix 'C' Details of products developed for services**

Sl.no	Nomenclature of stores	Order no and date	Remarks
.			

**Appendix 'D' Please give details of important facilities & infrastructure as per following format for:**

- a. Production
- b. Unconventional, special m/c
- c. Testing & quality control facilities

Sl.no	Description of m/c	Make & model	Qty	date of purchase	Remarks

**Appendix 'E' Furnish the following details with relevant certificates and documents**

- a. R&D facilities available :
- b. Inspection quality control of raw material components :
- c. Assistance from central agency for testing / calibration etc. :
- d. laboratory and drawing office facility :

**Appendix 'F' Principal customers:**

Sl.no	Name & address	S.O No. & date	Date of last supply	Products supplied	Value

**Appendix 'G' Future plan (if any) in respect of expansion programme installation of additional machines/ test facilities etc.**

**Appendix 'H' Name of the technology requested for transfer (give self-assessment of your capability to absorb the technology)**

**Appendix 'I' Details of employee as on date on firm's pay roll**

PERMANENT				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager Q.C. Manager Supervisor Testing Staff (Qc) Skilled workers Unskilled workers, etc.			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others etc			

TEMPORARY				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager Q.C. Manager Supervisor Testing Staff (Qc)			

	Skilled workers Unskilled workers, etc			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others, etc			

**DECLARATION :**

I / we confirm that the information furnished in Part 1 & 2 above is correct. In the event of any information given by me / us is found incorrect / false at any time, I / we understand our EoI for ToT will be cancelled/ rejected without notice, beside any other appropriate action against me / us.

Industry seal

Authorized signatory

Name(s) in capital  
designation and seal of authorized  
signatory

dated:  
Place:

**List of Support documents to be attached with EoI:-**

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time).
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet for the preceding three years.
- (d) Income Tax returns for the preceding three year period.
- (e) Details of shareholding/ownership pattern especially foreign partners/shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/ DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc., held by the company.
- (h) Number of technically or professionally qualified personnel.
- (i) Record of past performance (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).
- (j) Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipments.
- (l) ISO/ ISI certification or any other certification.
- (m) Relevant clearances form the authorities/ ministries (if any).
- (n) Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if ToT is for high energy Material, explosives, propellants, and component/ system dealing with it etc.
- (q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non-executive Directors, Key management personnel

- are involved in any corrupt practices, unfair means and illegal activities.
- (r) Details of the industries license for Defence manufacturing be provided by the industry seeking ToTs.
  - (s) Application cum Industry Assessment Form.