

EAST TECH 2022



General

Eastern Command is the oldest and largest command of Indian Army and is actively engaged in the entire spectrum of operations including conventional operations as well as Counter Insurgency & Counter Terrorism operations in plains, forests, riverine terrain and High Altitude Areas. In true spirit of **Atmanirbhar Bharat**, we strive to engage the private sector, DPSUs, R&D Organizations and Academia, in our quest to meet the ever evolving operational dynamics with indigenous, innovation and future-proof solutions. The end state of East Tech 2022 is to create awareness of contemporary technologies and hardware solutions available with the Indian manufacturers under '**Raksha Atmanirbharta**'. It is our endeavor to identify such systems for procurement through the Army Commander's Special Financial Powers (ACSFP) Funds for Eastern Command.

The web interface is intended to facilitate interested perspective participants to **register** for **EAST TECH 2022** scheduled tentatively in **07- 08 Jul 2022 at Kolkata**. The event will help identify suitable technologies and products for subsequent trial and induction in Eastern Command, as also facilitate interface of defence manufacturers with the Field Army to orient their products and further R&D towards specific operational requirements.

Aim

The Aim of the EAST TECH 2022 is to 'Facilitate Eastern Command in meeting its operational challenges by incorporating contemporary indigenous technology'.

Objectives

The objectives of EAST TECH 2022 are as under:-

- (a) Augment **technological knowledge base** of participants and acquaint them with prevalent 'state of the art' technologies and Commercial-Off-The-Shelf (COTS) solutions available in defence sector for operational exploitation in Eastern Comd.
- (b) Collaborate and engage with **Indian Industry** through civil- defence interaction to identify suitable/ customized solutions to meet operational requirements of the Field Army by showcasing latest defence products and exchange of ideas. The event will promote **Atmanirbharta** in Defence Production and Technology Proliferation.
- (c) Create an effective echo-system for swift procurement and effective maintenance of selected products through Army Commander's Special Financial Powers (ACSFP) Funds for Eastern Command.

Category of Products for Display

All defence products and technologies of likely military use in Eastern Command may be displayed in EAST TECH 2022. Some of the categories of the products are suggested below:-

(a) **Intelligence and Surveillance Equipment**

- (i) Quad/ Hexa copters/ fixed wing/ tethered and other platforms for day and night for all terrain including High Altitude Areas.
- (ii) Mini/ large UAVs for Long Range Surveillance Solutions (Day/ Night).
- (iii) Hand Held Thermal Imagers (Cooled/ Uncooled thermal imaging based) with portable display.
- (iv) Radars to include visibility across Wall/ Ground/ Fog/ Foliage.
- (v) Long Range, Day and Night High Resolution Cameras for operations in extreme temperature ranges (-40°C to 55°C).
- (vi) Spotter Scope with Digital Camera.
- (vii) Microwave sensors.
- (viii) Under Ground Sensors, Motion Defence Sensor and other sensor solutions.
- (ix) Electro-Optical (EO) Systems- Land and Vehicle mounted.
- (x) Under Water Intrusion Detection System.
- (xi) Tunnel Detection System.
- (xii) Tactical Throw Ball with High Resolution Camera.
- (xiii) Articulated Optical Fiberscope.
- (xiv) Multispectral Aiming Device with Invisible Lasers.
- (xv) Integration of surveillance system.

(b) **Fire power**

- (i) Sniper Rifle with Night Sight.
- (ii) Automatic Surveillance, Target detection, Tracking and neutralization system (Sensor to Shooter Integrated System).
- (iii) Ammunition and accessories for weapons.

(c) **Communications**

- (i) Strategic and tactical communication systems.
- (ii) Information Warfare equipment (active and passive systems).
- (iii) Encrypted handheld Satellite Phones.
- (iv) Rechargeable Batteries & Battery chargers.
- (v) Hand Held digital Radio Set with secrecy.
- (vi) Company level & Battalion level exchange.
- (vii) Surge protection & lightening protection eqpt.
- (viii) Splicing Machine.
- (ix) Jammers including for UAVs mobile phones.
- (x) Broad Band Radio.
- (xi) Motorola Grid System for communication.
- (xii) Air- Ground communication between Army Aviation Helicopters & ground troops.

(d) **Security Solutions**

- (i) Sensor Based Physical Barriers (Smart Fence).
- (ii) Multi Sensing Transducer based Protection System.
- (iii) Automatic Crash bollards/ barriers.
- (iv) Modular ruggedized field defence.
- (v) Deep search metal detector/ Hand held metal detector.
- (vi) Counter Improvised Explosive Device Equipment.

(e) **Disruptive Technologies**(f) **Virtual/ Augmented Reality/ Artificial Intelligence**(g) **Robotics**

- (i) Robots/ platforms for handling explosives/ Unexploded Ordnance etc.
- (ii) Robots/ platforms for Ground and Under water Surveillance.

(h) **Logistic Solutions**

- (i) Aerial platforms for heavy weight lifting of 20-50 kg for High Altitude Areas.
- (ii) Road Construction technologies.

(j) **Troop Comfort, Survivability and Force Protection**

- (i) Light Weight Bullet Proof Patka/ Bullet Proof Jackets.
- (ii) Laminates for protection from glass splinters.
- (iii) Anti-riot Transparent Shield.
- (iv) Full Body Armour (Level IV protection).
- (v) Mine Boots.
- (vi) Foldable Ballistic Shields (Level III Protection).

(k) **Tac Mobility**

- (i) All Terrain Vehicles.
- (ii) High Density Rubber Mats for road crossing by Tank.
- (iii) Hydraulic Overhead Trolley System (30-40 kg weight for 200-400mtr).
- (iv) Snow Mobile

(l) **Habitat/ Medical**

- (i) Inflatable/ rapidly deployable habitat.
- (ii) Rapid acclimatisation methods.
- (iii) Solutions for heating of shelters in extreme cold climate especially using renewable resources.

REGISTRATION

ALL OEMs/Vendors/Sub-Vendors /Contractors/interested parties are requested to register for participation in East Tech 2022. While registering, you are requested to forward the following forms duly filled/signed either by email/Speed Post:-

- (a) Form for participation in East Tech as attached at Information Performa.
- (b) Registration form as given at **Appendix A**.
- (c) Willingness form for participation in No Cost No Commitment (NCNC) trials as attached at **Appendix B**.

Upon successful registration, Board of officers will carry out screening and shortlist of vendors. Selected vendors will be given a formal invite (through e-mail/dak) to participate in the East tech 2022. Invited vendors will be required to deposit participating fees for stalls and allied administrative expenses details of which will be intimated shortly. The participation fees will include the following:-

- (a) One Stall of size 10 feet x feet for display of equipment and participation by two company representatives per stall. One additional member in exceptional cases shall be permitted based on merits of the case, who will be charged separately for the event.
- (b) Tea with Refreshments & Lunch will be on payment basis for participants.
- (c) Accreditation at Rxn Cell (Security Passes, Tea/Coffee & Refreshments).

INFORMATION PERFORMA

1. Name of the firm/Agency.
2. Contact detail:-
 - (a) Corporate office address:-
 - (i) Tele No
 - (ii) Mail ID
 - (b) Local address if any in Kolkata.
3. Annual turnover.
4. What all cat of items of you produce/procure that are of relevance of the military?
5. Are items completely indigenous/partly ex import/fully ex import?
6. Is your product registered on GeM? If so, give ref
7. What have you supplied and when:-
 - (a) Army/Navy/Air Force
 - (b) CAPF/PMF
8. Do you have own manufacturing facility? If yes:-
 - (a) Where?
 - (b) How many people are employed?
9. Are you willing to display your weapons/products on NCNC basis. (Yes/No)
10. What all products will your firm display under each category as mentioned on PARA 4 above? Pl provide literature of each of these products. Incl local content in percentage in personally in each eqpt.
11. How much space & what facilities do your require?
12. What would be the space required for demonstration & time?
13. Does your firm have a license to manufacture the above eqpt from Government of India?

**EAST TECH 2022****REGISTRATION FORM****WILLINGNESS FOR PARTICIPATION IN EAST TECH**

1. I/We/are willing to participate in the East Tech being organized in June 2022.
2. The details of all representatives who shall be attending are as follows:-

NAME	DESIGNATION/ APPOINTMENT	AADHAR CARD NO	MOBILE NO	E MAIL
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3. I/We understand that this willingness certificate does not guarantee me an invite to the East Tech.



 (Signature of CEO/CMD/Authorized Representative)

Name :

Designation :

Date :

**EAST TECH 2022****WILLINGNESS FOR NO COST NO COMMITMENTS (NCNC) BASIS**

I/We would be willing/unwilling to offer the following equipment(s) to be displayed at East Tech on No Cost No Commitments (NCNC) basis.

- (a)
- (b)
- (c)



(Signature of CEO/CMD/Authorized Representative)

Name :
Designation :
Date :

CONTACT US

For any queries please contact us at :-

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