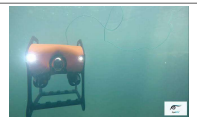
List of Successful iDEX Products

PROCUREMENT ORDER PLACED (AS ON 30 JUNE 2026)

S.No	Procurement Agency	Item/Product	Technology Domain	Item/Product Description	iDEX Winners	Winner Contact Details	Product Image
1	Indian Navy	Fire Fighting Robot	Hazard Management System	The Swadeshi Fire Fighting Robot (FF BOT) is an advanced, indigenous Unmanned Ground Vehicle (UGV) developed by Swadeshi Empresa Private Limited. Designed to protect human life, it remotely enters hazardous environments—such as toxic smoke, chemical fires, and intense heat zones—to combat blazes from a safe distance.	Swadeshi Empresa Private Limited	dir at swadeshifire.com/9227234093	
2	Indian Air Force						
3	Indian Army						
4	Indian Navy	Autonomous weaponsied boat swarm	Robotics, Autonoumous and Unmanned System	Sagar Defence Engineering indigenously designed and manufactured AWBS to overwhelm enemy defences, these uncrewed surface vessels (USVs) feature integrated 12.7 mm guns, C4ISR capabilities, and autonomous collision avoidance for high-speed littoral patrols.	Sagar Defence Engineering Private Limited	mridulbabbar at sagardefence.com/9034966650	
5	Indian Navy	Autonoumous cargo carrying vehicle	Robotics, Autonoumous and Unmanned System	Autonomous cargo carrying has been developed for ship to ship and ship to shore operations.Heavy Lift Autonomous Flying Robot for Shipborne Operations, Autonomous Cargo carrying Aerial Vehicle (ACAV) having autonomous navigational capabilities along with autonomous launch and recovery capabilities from moving ship and maritime domain operational capability with heavy cargos on board will be utilized for transfer of cargo upto 150 kgs between moving vessels.	Sagar Defence Engineering Private Limited	mridulbabbar at sagardefence.com/9034966650	
6	Indian Army						
7	Indian Navy	Development of long range communication for tracking and exchanging short message between IN helicopter (Chetak) and a ship	Electronics, Communication System and Surveillance	Lekha Wireless Solutions developed a long-range, mesh-network-based communication system under the iDEX DISC-7 challenge, specifically designed for tracking and exchanging short messages between Indian Navy ships and helicopters (such as the Chetak) over a range exceeding 100 km. The solution utilizes Software Defined Radio (SDR) based hardware with Low Probability of Intercept / Low Probability of Detection (LPI/LPD) waveforms to ensure secure data streaming, situational awareness, and anti-jamming capabilities. Successfully field-tested with support for 32 users, this compact and scalable tactical radio is also adaptable as an upgrade for video links and narrow-band communications across the Indian Army, Air Force, and various defense public sector undertakings (DPSUs).	Lekha Wireless Solutions Private Limited	ramu at lekhawireless.com/9731395260	
8	Indian Navy	Material movement shifting onboard ship over hatch door coaming	Electronics, Communication System and Surveillance	The Ships have Hatch Doors on Walls and Floors. While the Wall Hatch Doors are used for horizontal movement on one deck, the floor hatch doors have stairways which are used for movement between one deck to another. The Navy Ships have regular supplies of various material like ammunition, ration, spares etc., which are manually moved to the respective stores in the ship. During this the person has to negotiate the wall hatch door coamings and the floor hatch door coamings/stairways which offer hinderance and at times cause stumbling, injury, material damages etc.. Further this process is manpower intensive, tiresome,& time-consuming leading to less output.	Pine Automation LLP	manish at pineautomation.com/9971479990	
9	Indian Navy	AI Based Barrel Crawling Bot Inspection System (Software & Hardware)	Robotics, Autonomous and Unmanned Systems	An AI-enabled crawling robot system that moves inside gun barrels (76 mm) and launcher tubes to inspect internal surfaces using sensors, detecting defects without manual intervention.	Bit Mapper Integration Technologies Private Limited	akandalkar at phoenix.tech/7768061536	
10	Indian Army	RAPID FOLDABLE INFANTRY ASSAULT BRIDGE	Combat Support System	The Rapid Foldable Infantry Assault Bridge (RFIAB) by Brisk Olive is an award-winning, iDEX-backed, patented unsinkable floating footbridge. Designed to be transported in trolley bags, it allows dismounted infantry to rapidly cross water obstacles and can be swiftly folded and redeployed	Brisk Olive Bussiness Solution Pvt. Ltd.	sunil.prem at briskolive.com/9958795916	
11	Indian Army	Countermeasures for illegal drones	Combat Support System	Big Bang Boom Solutions (BBBS) offers a comprehensive, AI-enabled Counter-Unmanned Aircraft System (C-UAS) ecosystem for the Indian Armed Forces to detect, track, and neutralize hostile drones. Their primary defense solution is the Vajra Sentinel System, which covers up to a 10 km radius using passive Radio Frequency (RF) sensors. They also supply 360 vision system for armored vehicles and high expansion fire fighting foam for use in large Naval vessels such as Aircraft Carriers.	Big Bang Boom Solutions Private Limited	shiva at bigbangboom.com/9884809660	
12	Indian Air Force		Counter Drone Technology				

13	Indian Navy	Autonomous underwater vehicle for mine countermeasures	Robotics, Autonomous and Unmanned Systems	Sagar Defence Engineering designed and manufactured AUV for mine countermeasures powered by artificial intelligence with swarming capability, these Autonomous Underwater Vehicles (AUVs) are designed to scout, identify, and neutralize naval mines while drastically reducing human exposure to dangerous environments.	Sagar Defence Engineering Private Limited	mridulbabbar at sagardefence.com/9034966650	
14	Indian Navy	Smart compressed Breathing apparatus	Hazard Management System	Smart Compressed Breathing Apparatus by Vimal Fire Controls Pvt. Ltd. is an indigenous, next-generation respiratory protection system featuring an integrated communication system, lightweight composite cylinders, and enhanced operational endurance. Engineered for firefighting, and emergency response, it delivers superior safety, mission readiness, enhanced situational awareness, and uncompromising performance in the harshest operational environments. Designed for superior ergonomics, reliability, and operational efficiency, the Smart BASCCA set delivers exceptional mobility, durability, and user comfort while meeting the EN standards. It represents Vimal Fire Controls' commitment to advancing Atmanirbhar Bharat through innovative, world-class life-saving technologies that enhance mission success and operational resilience.	Vimal Fire Controls Private Limited	falgun at vimalfire.com/9821089265	
15	Indian Navy	Underwater Remotely Operated Vehicle (UWROV)	Hazard Management System	The EyeROV TROUT is an indigenously designed and developed, high-performance tethered Underwater Remotely Operated Vehicle (UWROV) built for precision inspection, mine countermeasure support, and object recovery operations in both marine and inland water environments. Engineered for reliability and advanced navigation, TROUT delivers critical underwater ISR and physical intervention capabilities at depths of up to 300 meters, eliminating the need for diver deployment in hazardous or low-visibility conditions.	EyeROV(IROV Technologies Pvt Ltd)	johns at eyerov.com/8075770558	
16	Indian Navy			An Underwater Remotely Operated Vehicle (ROV) is a tethered submersible robot. Controlled by a surface operator via cables that provide power and real-time data, ROVs map the deep sea, perform industrial inspections, and execute physical interventions at depths that are lethal or inaccessible to human divers	Coratia Technologies Pvt. Ltd.		
17	Indian Navy	Underwater Vision System [AquaScan]	Artificial Intelligence & Machine Learning	This AI-enabled underwater system combines a diver-held sensor head with a topside console via a single, streamlined tether to deliver complete acoustic, optical, and positional imaging in zero-visibility conditions like silted harbours or unlit depths. While the surface operators use cached offline maps to plan grid searches and stream live data, the diver navigates using a multi-sensor array featuring multibeam imaging sonar, dual 4K cameras, integrated LED lighting, and metal detection. An integrated AI assistant processes this data in real time to highlight and classify targets, reducing operator fatigue during long search operations. Ultimately, this coordinated system minimizes entanglement risks and deployment times, serving as a highly efficient tool for hull inspections, mine countermeasures, underwater search and recovery, and routine subsurface infrastructure maintenance.	TSC Technologies Private Limited	sanketh.huddar at tsctech.in/9740496061	
18	Indian Air Force	Countermeasures for illegal drones (RF Jammer Guns)	Counter Drone Technology	Anti-drone RF Jammer Guns are portable, rifle-shaped Counter-Unmanned Aircraft Systems (C-UAS) that use directional electromagnetic interference to disrupt unauthorized drones. They jam GNSS, control, video, and telemetry signals, interrupting the drone's communication and navigation links and triggering its built-in failsafe behavior for a non-destructive ("soft-kill") neutralization.	Gurutvaa Systems Private Limited	harshad at gurutvaa.com/9818425566	
19	Indian Army						
20	Indian Navy	Development of indigenous morpene compound	Hazard Management System	INDOPENE is an indigenous synthetic multipurpose firefighting foam concentrate developed by Adisan Systems as a replacement for the Russian firefighting foam MORPENE. It has been developed to provide a reliable indigenous alternative for defence, marine, industrial, and critical infrastructure applications, supporting the Government of India's Atmanirbhar Bharat initiative. Developed under the iDEX (Innovations for Defence Excellence) DISC 7 Sprint Challenge, INDOPENE reduces dependence on imported firefighting agents while delivering effective fire suppression performance.	Adisan Systems LLP	hasanjav at gmail.com/8527517575	
21	Indian Navy	Portable Radar Cross-Section (P-RCS) Measurement Device [INSIGHT - RCS]	Electronics, Communication System and Surveillance	Ci4's Portable Radar Cross Section (P-RCS) system is a mobile technology that measures the radar signatures of full-scale military assets—such as aircraft, missiles, and naval vessels—directly in operational field environments. By eliminating the need for expensive, fixed anechoic chambers, this platform-independent system filters out real-world background noise to deliver live signature data with optical correlation. Beyond basic testing, it serves as a critical asset for validating stealth designs, calibrating electronic countermeasures like chaff and jammers, and building comprehensive threat intelligence databases.	TSC technologies	sanketh.huddar at tsctech.in/9740496061	
22	Indian Navy	Battery powered Self propelled Lifebuoy	Robotics, Autonoumous and Unmanned System	A remote-controlled water drone designed for rapid aquatic rescues. Engineered for quick deployment from land, water, or air, it allows lifeguards or emergency responders to pilot the buoy directly to a drowning victim without endangering themselves	Saif Automations Services LLP	9393075192/saif.automations at gmail.com	
23	ICG						

24	Indian Air Force	Dronaam Series Anti drone system	Counter Drone Technology	The DRONAAM® series is an indigenous, AI-enabled, modular Counter-Unmanned Aircraft System (C-UAS) developed by Pune-based Gurutvaa Systems. Designed as a compact, rifle-style handheld device, it provides a portable and rugged solution for "soft-kill" drone neutralization using advanced electronic warfare and signal-jamming technology. The system is widely deployed by Indian defense and security forces to counter unauthorized and hostile drones.	Gurutvaa Systems Private Limited	harshad at gurutvaa.com/9818425566	
25	Indian Army	Integrated Mobile Camouflage System (IMCS)	Stealth Technology	The Integrated Mobile Camouflage System (IMCS) is an advanced, iDEX-developed multispectral stealth solution for military platforms. It integrates advanced materials to reduce visual, thermal, infrared, and radar signatures without compromising asset mobility. Validated through field trials, IMCS acts as a force multiplier by enhancing battlefield survivability against modern surveillance. Tagline: "Unseen is Unbeaten – Enabling Stealth, Enhancing Survivability."	Hyper Stealth Technologies Private Limited	manish at hyperstealth.in/9810038557	
26	Indian Navy	4G/LTE Tactical LAN	Electronics, Communication System and Surveillance	This iDEX-validated, ruggedised 4G/LTE network is an indigenous tactical broadband solution designed for defence, homeland security, and disaster response. It enables reliable, long-range connectivity for secure voice, video, data, messaging, and IoT applications in infrastructure-deficient environments. Meeting strict Naval Staff Quality Requirements (NSQR) and holding DGQA approval, this compact system deploys rapidly as a standalone or integrated network, making it highly effective for critical field operations and remote connectivity.	Lekha Wireless Solutions Private Limited	ramu at lekhawireless.com/9731395260	
27	Indian Army		Electronics, Communication System and Surveillance	Astrome's Tactical LAN is a high-speed, secure, and mobile IP-based wireless network designed for rapid deployment by small teams in remote or infrastructure-absent environments. It enables military and emergency personnel to connect securely using commercial or ruggedised 4G devices, offering up to 48 hours of continuous, infrastructure-free operation on a single system. By combining high-bandwidth, long-range millimeter wave phased array technology for backhaul with robust anti-jamming mechanisms, the system ensures reliable communication while remaining resilient against signal interception and hostile electronic interference.	Astrome Technologies Private Limited	astrome at astrome.com, neha at astrome.com/9916912037	
28	Indian Army	Remotely Piloted Airborne Vehicles	Robotics, Autonoumous and Unmanned System	Remotely controlled vehicles equipped with secure, encrypted communication links, fitted with weapons, and advanced cameras and sensors for surveillance and combat operations.	Zmotion Autonomous Systems Private Limited	mh at zmotion.in/9590041613	
29	Indian Air Force						
30	Indian Navy	Underwater navigation system for AUV	Electronics, Communication System and Surveillance	AquaNav system. It uses sensor fusion and terrain-aided localization modules to minimize navigation drift in deep-water and complex oceanic environments.AquaNav is specifically engineered to guarantee precise positioning, velocity, and orientation. Core technical capabilities of the Airbotix AUV navigation suite include:Sensor Fusion Localization: Advanced algorithms fuse inputs from multiple onboard sensors to provide highly accurate tracking where GPS cannot reach.Terrain-Aided Localization: Actively corrects and minimizes drift in position estimates using seabed mapping and feature matching.Interactive Mission Planner: Features a user-friendly graphical interface in the ground control station for intuitive mission programming and real-time visualization.Virtual Simulation: Allows operators to thoroughly simulate operations, routes, and contingencies before executing them in the water.Deployed under India's Innovations for Defence Excellence (iDEX) program, this system provides necessary autonomy and guidance for subsea research, pipeline inspection, and defense applications.	Airbotix technologies Pvt.Ltd	ceo at airbotix.in/9004662307	
31	DPSU	Reduction of Radar Cross Section(RCS) of Naval Warships	Stealth Technology	Zeus Numerix, an Indian defense MSME, specializes in reducing the Radar Cross Section (RCS) of naval warships to make them stealthy against enemy radar. They achieve a reported 70% reduction in RCS through advanced computer simulations and algorithmic design optimization.	Zeus Numerix Private Limited	bkgupta at zeusnumerix.com/9766469769	
32	Indian Navy	Smart mobile units for shore supply and charging cable	Combat Support System	Smart mobile units that wrap, store, and transport bulky submarine shore power and charging cables safely and efficiently.	Combat Robotics India Private Limited	gs at combatroboticsindia.com/9762341441	
33	Indian Navy	PBI Fire fighting suits	Hazard Management System	PBI Firefighting Suit by Vimal Fire Controls Pvt. Ltd. is a premium, mission-ready protective ensemble engineered for extreme firefighting and rescue operations. Built with high-strength PBI para-aramid fibers and filament reinforcement, it delivers exceptional thermal protection, outstanding tear and break resistance, and unmatched durability. Its lightweight, breathable design enhances comfort, mobility, and reduces heat stress during extended operations. The integrated Drag Rescue Device (DRD) enables rapid firefighter rescue in critical situations. Manufactured to meet the latest NFPA standards, the suit reflects Vimal Fire Controls' commitment to quality, innovation, and uncompromising safety, representing indigenous engineering excellence and advancing Atmanirbhar Bharat through world-class life-saving protective solutions.	Vimal Fire Controls Private Limited	falgun at vimalfire.com/9821089265	 

34 35	Indian Army Indian Navy	Light Weight Portable Illumination Device. (Portable rugged, waterproof and lightweight torch for DC/FF activities including underwater)	Hazard Management System	A strong, waterproof, and lightweight lighting device for firefighting and damage control, designed to provide powerful illumination and work effectively even underwater.	ASP Innovation solutions	sprashantme119 at gmail.com/8427088732	
36	Indian Navy	Multi Sensor real time monitoring of running machinery on-board submarine	Artificial Intelligence & Machine Learning	Advanced AI Powered Predictive Maintenance solution designed specifically for naval and defense applications, including submarines.Core Multi-Sensor TechnologiesTo ensure the high operational readiness required on-board a submarine, their IoT-enabled Sensors continuously track multiple physical parameters:Vibration Sensors: Monitor mechanical vibrations in running machinery to detect micro-faults and early wear before equipment fails.Magnetometers: Track exact RPMs of motors and rotating components.Temperature Sensors: Track operating temperatures to prevent overheating in harsh, enclosed environments.Audio/Acoustic Sensors: Detect and analyze sound signals and acoustic anomalies related to machinery operations.	ResonatingMindz Pvt Ltd	avinashm at resonatingmindz.com/9881364275	
37	Indian Army	Generation of Quantum Secure Keys between two nodes connected directly over 200 Kms	Quantum Technologies & Advanced Computing	Generating Quantum-secure keys over a 200 km single-span optical fiber (≈40 dB channel loss) demands ultra-stable transmit/receive hardware and tight system-level noise control. At this range, fiber attenuation and detector dark counts render conventional discrete-variable BB84 QKD impractical, as the sifted-key rate collapses, and the Quantum bit error rate (QBER) degrades below the secure-key threshold. QNu Labs has advanced the Differential Phase Shift (DPS) protocol to a DPS-Decoy scheme, which, when combined with narrow-band spectral/temporal filtering, phase-reference stabilization, and end-to-end hardware–firmware co-optimization, delivers a stable QKD system qualified for 200 km (40 dB) operation and is now commercially available. Decoy-state estimation tightens the single-photon yield and phase-error bounds, enabling a rigorous GLLP-type secure-key extraction. The system operates at a QBER below 4% and provides information-theoretic security against all known individual and collective attacks. It can generate 100% secure keys at a rate sufficient to refresh 3,600 AES-256 keys per hour (for 40dB). The system has been successfully field-tested across diverse operating environments and is production-ready for deployment.	Qnu Labs Private Limited	sunil at qnulabs.com/9845355599	
38	Indian Navy	Powered Air purifying respirator	Hazard Management System	Workforce in variety of environments are constantly risking their health facing toxic gases and harmful particulate matters including viruses, bacteria etc, yet traditional breathing apparatuses are often too bulky and exhausting for extended overhaul operations. To solve this, Optrel India Pvt Ltd has developed an advanced Powered Air Purifying Respirator that is lightweight, battery-operated positive-pressure system giving comfort and long endurance of 4 to 6 hours. Delivering 40 times the safety of standard N95 masks alongside complete eye protection or helmet/hood independent design, our PAPR supplies purified air directly to the user based on filtration principle, drastically reducing breathing resistance and fatigue. With cutting-edge features like automatic airflow control, versatile single-filter protection against gases and particulates, Optrel's PAPR maximizes safety, comfort, and maneuverability—empowering first responders to work efficiently and breathe easy in the most challenging environments.	Optrel India Pvt.Ltd	amit at optrelindia.com/9986740189	
39	DPSU	Remotely Piloted Airborne Vehicles	Robotics, Autonoumous and Unmanned System	Remotely controlled vehicles with secure communication links, equipped with weapons, cameras, and sensors for surveillance and combat missions.	Optimized Electrotech Pvt. Ltd.	business at optimizedelectrotech.com/7929707308	
40	DPSU	High resolution payload for RPAV	Artificial Intelligence & Machine Learning	Software that uses machine learning to analyze past flight paths and detect unusual movements or deviations from approved air routes.	Iotina Technologies Private Limited	vikram at iotina.io/9810752580	
41	DPSU	Torque Generator Stator 800 for T-90	Combat Support System	Torqon Power Drives Pvt. Ltd. in Coimbatore is a recognized manufacturer of custom-engineered, high-performance electric motors, specialized power drives, and industrial components. They specialize in custom BLDC, high-frequency, and specialized application motors for rigorous industrial and defence-related specifications	Torqon Power Drives Pvt Ltd	balaji at torqon.in/9789757226	
42	DPSU	Torque Generator Stator 1000 for T-90	Combat Support System	Torqon Power Drives Pvt. Ltd. in Coimbatore is a recognized manufacturer of custom-engineered, high-performance electric motors, specialized power drives, and industrial components. They specialize in custom BLDC, high-frequency, and specialized application motors for rigorous industrial and defence-related specifications	Torqon Power Drives Pvt Ltd	balaji at torqon.in/9789757226	
43	DPSU	Intelligent System For Identification Of Fishing, Emails, Fake Websites And Sandboxing Targeted And Entity	Cybersecurity & Warfare	SecneurX Email Security is an AI-powered threat prevention solution that protects organisations against phishing, impersonation, and Business Email Compromise (BEC) with full data sovereignty and no dependency on foreign cloud jurisdictions. It natively integrates sandboxing that defends against zero-day and targeted attacks, while proactive attachment sanitisation, powered by Content Disarm and Reconstruction (CDR), neutralises hidden threats before they reach the inbox.	SecneurX Technologies Private Limited	business at secneurx.com/	
44	DPSU	Development of Artificial Intelligence based Training modules for Technicians for operation and maintenance of Su-30MKI aircraft	Artificial Intelligence & Machine Learning	The development of this module was recognized as HAL's inaugural VR/AI procurement, engineered from prototype to deployment in a record 20 days.Core Technology: The system integrates Artificial Intelligence, Machine Learning, and Virtual Reality (VR) to create an immersive, risk-free training environment.Technician Benefits: Trainees practice complex Su-30MKI maintenance scenarios repeatedly, building muscle memory and learning fault-rectification procedures without requiring access to an actual multi-role fighter.AI Analytics: The AI engine provides real-time performance analytics, measuring the technician's accuracy, identifying bottlenecks in their procedure, and testing diagnostic skills in simulated emergency situations.	Parallax Labs LLP	krupalu at parallax.co.in/9930458278	
45	DPSU	Attack Surface Monitoring Tool	Cybersecurity & Warfare	Seconize Technologies Pvt. Ltd. offers the DeRisk Center, an automated, continuous SaaS platform designed for IT risk assessment, vulnerability management, and Governance, Risk, and Compliance (GRC). It proactively identifies weak points and continuously monitors assets to improve an organization's overall cyber security posture.	Seconize Technologies Pvt. Ltd.	hello at seconize.co	

46	Indian Army	AI Based Satellite Image Analysis	Artificial Intelligence & Machine Learning	AI-native sensor fusion and geospatial intelligence platforms for satellite and aerial imagery. Their AI systems automate the processing and interpretation of raw Earth Observation (EO) and Synthetic Aperture Radar (SAR) data.	Cyran Ai Solutions Private Limited	manansuri2002 at gmail.com/8860054190	
47	Indian Army	Friend or Foe Identification System	Combat Support System	Identification of Friend or Foe (IFF) system to enhance battlefield safety for mechanized and armoured units. It addresses a critical gap in combat awareness by accurately identifying friendly assets to reduce instances of fratricide.Core System FeaturesTarget Verification: The IFF solution empowers tank and armoured fighting vehicle (AFV) crews to instantly identify whether a target is friendly or hostile.Integration: It integrates smoothly with existing equipment, such as a vehicle's Laser Range Finder (LRF) and targeting systems, using a secure interrogation and response mechanism.Situational Awareness: Provides commanders with an accurate spatial understanding of the battlefield.	Navyug Infosolutions Private Limited	sunil.prem at navyuginfo.com/9958795916	
48	Indian Navy	Comprehensive Analytical Platform "Deepdarshak"	Artificial Intelligence & Machine Learning	Deepdarshak delivers unmatched value for maritime surveillance. Since its launch it has been widely adopted thanks to its ability to integrate vast live data including satellite imagery to provide actionable insights in areas of strategic interest. Addressing Information Overload. In maritime security, operators are inundated with vast amounts of data. Deepdarshak streamlines this process ensuring critical decisions are made efficiently by filtering out irrelevant information and highlighting key insights. Enhanced Decision-Making with Real - time insights Deepdarshak empowers operators with precise real-time insights transforming data overload into informed actions. This capability enhances situational awareness and strengthens maritime security operations. AI-Powered Threat Detection Using advanced algorithms, Deepdarshak identifies potential threats and unusual maritime behaviors. This proactive approach allows security agencies to focus on real dangers rather than wasting time on false alarms. Optimized Resource Deployment By providing actionable intelligence, Deepdarshak ensures that costly naval and aerial assets are deployed strategically reducing unnecessary expenses and improving operational efficiency.	Crimson Energetics Pvt. Ltd.	binu.jacob at crimsonenergy.in/7838186886	
49	DPSU	Indigenous & cost -effective solution for development of Axis MEMS GYRO which has excellent performance in vibration & shock and low bias drift bit rate and line termination with low noise	Electronics, Communication System and Surveillance	Single-Mass Fully Decoupled Gyroscope built on a Silicon-on-Glass (SOG) process using a high-Q factor design.The technical approach focuses on specific engineering domains:Vibration & Shock Hardening: Utilize substrate-decoupled architectures alongside a dual-mass or quad-mass symmetric MEMS layout. This cancels common-mode accelerations caused by shocks or vibrations.Low Bias Drift & Noise: Implement closed-loop readout and electrostatic mode-matching techniques using high aspect-ratio single-crystal silicon (HARPSS).	Aeron Systems Pvt Ltd	sales at aeronsystems.com/9588495304	
50	DPSU				Dilabs Systems Pvt Ltd	sales at dilabs.in/8046601796	
51	Indian Navy	AI in Supply Chain Management & Logistics	Artificial Intelligence & Machine Learning	AI-based software that manages supplies like stores, spares, and rations, and predicts future demand to ensure timely availability and efficient logistics.	Radome Technologies And Services Private Limited	sumukh.kumble at radometech.com/8762640093	
52	DPSU	Motion Pattern Classification on Online / Active Data - Trident : Maritime Domain Awareness Platform	Electronics, Communication System and Surveillance	Trident began as a motion pattern classification system for active vessel data, developed in under 18 months. Following its initial procurement by Bharat Electronics Limited under the iDEX program in January 2024, Blurgs expanded the solution into a full-fledged dual-use domain awareness platform. Today, Trident fuses AIS, Radar, SAR, EO/IR, EW Systems, RFINT, SIGINT, OSINT and other data sources into a unified intelligence layer for maritime, defence and commercial operations. For defence, it enables real-time situational awareness across land and sea, supporting detection of dark ships, spoofed vessels, border encroachments, hidden emitters and suspicious activity in critical regions.	Blurgs Innovations Private Limited	roshan.raj at blurgs.com/9940110429	

For further information or queries, please contact:

Samipya Pratap Chand
Deputy Program Director
Defence Innovation Organisation (DIO)
Ministry of Defence, Government of India
dpdmkt-dio@nic.in
+91-9873887192

or

Office of the COO/DDG-DIO/iDEX
Defence Innovation Organisation (DIO)
coo.dio@ddpmod.gov.in