




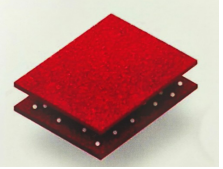
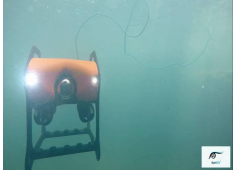









List of Successful iDEX Products (as 31 May 2026)

PROCUREMENT ORDER PLACED

S.No	Item/Product	Item/Product Description	Index Winners	Procurement Agency	Winner Contact Details	Product Image
1,2 & 3	Fire Fighting Robot	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	Indian Navy Indian Air Force Indian Army	dir@swadeshifire.com /9227234093	
4	Autonomous Weaponsed Boat Swarm	Sagar Defence in collaboration with Indian and Israel Aerospace Industries designed to overwhelm enemy defenses, these uncrewed surface vessels (usvs) feature integrated 12.7 mm guns, c4isr capabilities, and autonomous collision avoidance for high-speed littoral patrols	Sagar Defence	Indian Navy	midulbabbar@sagardefence.com /9034966650	
5	Rapid Foldable Infantry Assault Bridge	The Rapid Foldable Infantry Assault Bridge (RFIAB) by Brisk Olive is an award-winning, index-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.	Indian Army	sunil.prem@briskolive.com /9958795916	
6, 7	Countermeasures For Illegal Drones	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	Big Bang Boom Solutions	Indian Army Indian Air Force	shiva@bigbangboom.com /9884809660	
8	Autonomous Underwater Vehicle For Mine Countermeasures	Sagar Defence designed and manufactured AUV for mine countermeasures powered by artificial intelligence, these Autonomous Underwater Vehicles (auvs) are designed to scout, identify, and neutralize naval mines while drastically reducing human exposure to dangerous environments	Sagar Defence	Indian Navy	midulbabbar@sagardefence.com /9034966650	
9	Smart Compressed Breathing Apparatus	Vimal Fire Controls manufactures Self-Contained Breathing Apparatus (SCBA) systems, often utilized alongside their chemical protective suits. These compressed air devices provide breathable air in toxic or oxygen-deficient environments and are typically rated for 45+ minutes of operation depending on the cylinder volume	Vimal Fire Controls	Indian Navy	faigun@vimalfire.com /9821089265	
10, 11	Portable Ionic Pulse Jet Cutting System	This portable cold-cutting system is designed specifically for high-precision, sub-surface, and emergency rescue operations in defense applications. Portable cold cutters eliminate the need for dangerous hot-cutting (like oxy-fuel or plasma) in volatile environments, offering maximum cutting precision through water or hydraulic pulse pressure without thermal distortion	Aeromobix System Pvt.Ltd	Indian Army Indian Navy	info@aeromobix.com /9831022300	
12, 13	Underwater Remotely Operated Vehicle (Uwrov)	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	Eyerov(Irov Technologies Pvt Ltd) Coratia Technologies Pvt. Ltd.	Indian Navy	johns@eyerov.com /8075770558	
14, 15	Portable Hydraulic Metal Cutter		Aeromobix System Pvt.Ltd	Indian Army Indian Navy	info@aeromobix.com /9831022300	
16	Smart Mobile Units For Shore Supply And Charging Cable		Combat Robotics India Private Limited	Indian Navy	gs@combatroboticsindia.com /9762341441	
17	PBI Fire Fighting Suits	The PBI-integrated garments available through manufacturers like Vimal are designed to meet strict global specifications (such as EN 469 and NFPA) and typically feature:Outer Shell: PBI Matrix or PBI Gold for high-temperature resistance and flame bursts.Moisture and Thermal Barriers: Multi-layer construction to protect against extreme radiant heat, steam, and water penetration.Accessories: Standard kits often include fire-resistant hoods, high-visibility reflective trim, gloves, helmets, and boots.	Vimal Fire Controls	Indian Navy	faigun@vimalfire.com /9821089265	

18	Portable Rugged, Waterproof And Lightweight Torch For DC/FF Activities Including Underwater	It is an ultra-bright 3,000-lumen output, features a highly focused 6-degree spot beam for maximum reach, and has an ip68 waterproof rating	Asp Solutions	Indian Navy	sprashantme119@gmail.com/8427088732	
19	Underwater Vision System (Uvs)	Developed an AI-enabled Underwater Vision System for the Indian Navy under the idex (Innovations for Defence Excellence) scheme. The single, integrated platform combines two 4k cameras, full sonar, a metal detector, and LED lights for search, rescue, and hull maintenance operations. [1, 2]	Tsc Technologies Private Limited	Indian Navy	sanketh.huddar@tsctech.in/9740496061	
20, 21	Countermeasures For Illegal Drones (Rf Jammer Guns)	Anti-drone RF Jammer Guns are portable, rifle-shaped Counter-Unmanned Aircraft Systems (C-UAS) that use directional electromagnetic interference to neutralize unauthorized drones. They cut the connection between the drone and its pilot or GPS, forcing the drone to hover, land, or return to its launch point	Gurutava	Indian Air Force Indian Army	harshad@gurutvaa.com/9818425566	
22	AI Based Satellite Image Analysis	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	Indian Army	manansuri2002@gmail.com/8860054190	
23	2.25 Pt	Advanced AI Powered Predictive Maintenance solution designed specifically for naval and defense applications, including submarines. Core Multi-Sensor technologies to 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	Indian Navy	avinashm@resonatingmindz.com/9881364275	
24	Friend Or Foe Identification System	Identification of Friend or Foe (IFF) system to enhance battlefield safety for mechanized and armored units. It addresses a critical gap in combat awareness by accurately identifying friendly assets to reduce instances of fratricide. Core System features: target Verification: The IFF solution empowers tank and armored 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	Indian Army	sunil.prem@navyuginfo.com/9958795916	
25	Comprehensive Analytical Platform "Deepdarshak"	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.	Indian Navy	binu.jacob@crimsonenergy.in/7838186886	
26	Morpene	Morpene compounds are used for suppressing fires in Naval platforms and reducing the risk of fires in naval fire fighting systems	Adisan Systems	Indian Navy	hasanjav@gmail.com/8527517575	
27	Powered Air Purifying Respirator	A Powered Air-Purifying Respirator (PAPR) uses a battery-powered blower to pull ambient air through filters, delivering a constant stream of clean air into a tight-fitting mask, loose hood, or helmet. It provides superior comfort, virtually eliminates breathing resistance, and can accommodate facial hair depending on the system	Optrel India Pvt.Ltd	Indian Navy	amit@optrelindia.com/9986740189	

28	Portable RCS Measuring Device	<p>Portable Radar Cross Section (P-RCS) Measuring Device by TSC Technologies (also associated with C4 Defense) is an advanced, adaptable, and cost-effective testing system. It is engineered to evaluate how visible aircraft, missiles, or naval vessels are to enemy radars. Key Capabilities & hardware platform Independence: The modular system can be easily deployed across multiple domains, including airborne (drones), marine (ships), and ground test sites. Remote Operation: When mounted on drones, the entire system can be remotely controlled. Countermeasure Support: Provides crucial real-time RCS data to help calibrate and bolster "soft kill" countermeasures against anti-missile systems. Database Generation: The highly precise RCS data gathered serves as a foundation for military and defense teams to identify and analyze future target signatures.</p>	TSC Technologies	Indian Navy	sanketh.huddar@tsctech.in/9740496061	
29	Generation Of Quantum Secure Keys Between Two Nodes Connected Directly Over 200 Kms	<p>Generating quantum secure keys directly over a 200 km single-span optical fiber requires ultra-stable hardware. At this distance, signal attenuation and noise make traditional discrete-variable Quantum Key Distribution (QKD) highly inefficient. The most reliable architectures for direct 200 km keys include:</p> <ol style="list-style-type: none"> 1. Twin-Field Quantum Key Distribution (TF-QKD) How it works: TF-QKD overcomes the traditional repeaterless distance limitations by utilizing interfering optical pulses generated by a third, untrusted node in the middle. It achieves a square-root scaling, allowing for robust bit generation and higher secure key rates over longer spans. Performance: Advanced TF-QKD over integrated optical systems has reached over 1.5 Mbps across 200 km spans, significantly outperforming legacy point-to-point QKD. 2. Continuous-Variable QKD (CV-QKD) How it works: CV-QKD encodes information in the continuous properties of light (such as the quadratures of coherent states) instead of single photons. It is highly advantageous because it operates using standard, room-temperature telecommunications components. Performance: By employing ultra-low-loss fiber and strict excess noise control, researchers have successfully demonstrated CV-QKD over 200 km. 3. Practical Phase-Compensated qkd how it works: To maintain signal integrity over a 200 km fiber, the system must compensate for environmental variables. Using real-time phase compensation and optical injection locking (OIL) between the two nodes allows for the necessary phase coherence to successfully extract keys 	Qnu	Indian Army	sunil@qnuilabs.com/9845355599	
30, 31	Battery Powered Self Propelled Lifebuoy	<p>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</p>	Saif Seas	Indian Navy lcg	9393075192/saif.automations@gmail.com	
32	Dronaam Series Anti Drone System	<p>The Dronaam series is an indigenous, AI-enabled Counter-Unmanned Aircraft System (C-UAS) developed by Pune-based Guruvaa Systems. Designed for "soft-kill" neutralizations, the platform is widely deployed across Indian defense and security forces to disrupt hostile drones using advanced electronic warfare and signal jamming</p>		Indian Air Force	harshad@gurutvaa.com/9818425566	
2.25 pt	Integrated Mobile Camouflage System (Imcs)	<p>The IMCS delivers several critical advantages: Signature Management: Actively suppresses the visual, thermal, infra-red, and radar emissions of tanks and armored vehicles. Terrain Blending: Integrates specialized materials and coatings so vehicles physically merge with varying geographical backgrounds. Enhanced Survivability: Reduces detection ranges when scanned by Hand Held Thermal Imagers (HHTI) or Battle Field Surveillance Radars (BFSR)</p>	Hyperstealth	Indian Army	manish@hyperstealth.in/9810038557	

34	4g/Lte Tactical Lan	A high-speed, secure, and mobile IP-based wireless network for military and emergency operations. Key Features of Astrome's Tactical LAN: Secure 4g/LTE Connectivity: Allows personnel to securely connect using commercial/ruggedized 4g smartphones and devices in remote or infrastructure-absent environments. High-Bandwidth Backhaul: Employs advanced multi-beam technology to provide reliable, long-range, point-to-multipoint communication. Anti-interference: Embedded frequency hopping and anti-jamming mechanisms secure the network against signal interception and hostile environments. Rapid Deployment: Can be quickly set up by small teams, offering continuous operations (up to 48 hours on a single system) without infrastructural reliance	Astrome	Indian Army	astrome@astrome.com neha@astrome.com/9916912037	
35, 36	Remotely Piloted Airborne Vehicles	Zmotion developed a man-portable loitering munition (fire-and-forget attack drone) featuring 15km operational range, AES 256-bit encrypted telemetry, and parachute recovery	Zmotion	Indian Army Indian Air Force	mh@zmotion.in/9590041613	
37	4g/Lte Tactical Lan	Ruggedized 4g/LTE Tactical LAN solutions optimized for defense and disaster response. Developed through the idex (Innovation for Defence Excellence) challenge, these indigenous, man-portable networks are built to provide secure, high-bandwidth battlefield communications even in extreme, isolated environments	Lekha Wireless	Indian Navy	ramu@lekhawireless.com/9731395260	
38	Underwater Navigation System For AUV	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	Indian Navy	ceo@airbotix.in/9004662307	
39	AI In SCM & Logistics	AI in Supply Chain Management (SCM) and Logistics utilizes machine learning, predictive analytics, and digital twins to automate processes, reduce forecasting errors, and optimize operations.	Radome	Indian Navy	sumukh.kumble@radometech.com/8762640093	
40	Motion Pattern Classification On Online /Active Dat	Motion pattern classification on online or active streaming data involves processing continuous time-series or video data in real-time to identify, categorize, and predict movement behaviors. This approach is widely applied in autonomous navigation, human activity recognition, and active learning frameworks	Blurgs	Dpsu	roshan.raj@blurgs.com/9940110429	
41	Reduction Of RCS Of Naval Warships	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	Dpsu	bk Gupta@zeusnumerix.com/9766469769	
42, 43	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	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 Dilabs Systems Pvt Ltd	Dpsu Dpsu		
44	Remotely Piloted Airborne Vehicles	Man-portable loitering munition (fire-and-forget attack drone) featuring 15km operational range, AES 256-bit encrypted telemetry, and parachute recovery	Optimized Electrotech Pvt. Ltd.	Dpsu		

45	Remotely Piloted Airborne Vehicles	Man-portable loitering munition (fire-and-forget attack drone) featuring 15km operational range, AES 256-bit encrypted telemetry, and parachute recovery	Dv2js	Indian Air Force	vrinda@3rditech.in/9871016388	
46	Anomaly Detection In Air Trajectory	Anomaly detection in air trajectories uses machine learning and sensor data to identify unsafe, unauthorized, or inefficient flight paths for drones and aircraft	lotina Technologies Private Limited	Dpsu	vikram@lotina.io/9810752580	
47	Torque Generator Stator 800 For T-72	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	Dpsu	balaji@torqon.in/9789757226	
48	Torque Generator Stator 1000 For T-90.	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	Dpsu	balaji@torqon.in/9789757226	
49	Intelligent System For Identification Of Phishing Emails, Fake Websites And Sand-Boxing Targeted Entity"	Secneux Technologies Private Limited, headquartered in Madurai, India, is an AI-powered cybersecurity platform that provides sovereign, indigenous threat prevention for defence networks, government agencies, and enterprises. Their Advanced Threat Prevention ecosystem stops email-based attacks and zero-day threats using a unified platform	Secneux Technologies Private Limited	Dpsu		
50	Development Of Artificial Intelligence Based Training Modules For Technicians For Operation And Maintenance Of Su-30mki Aircraft	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 Lip	Dpsu	krupalu@parallax.co.in/9930458278	
51	Attack Surface Monitoring Tool	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.	Dpsu		