Re-announcement of new research programs for 2024 Electronic Components Industry

※ The first announcement (announced on February 19, 2024) will be re-announced only for unaccepted assignments. After the application deadline, evaluation will be conducted according to the same evaluation items and evaluation procedures as the initial announcement.

:: The 2024 Electronic Components Industry Technology Development Project (Development of High-Reliability Communication Network Semiconductor Technology for Next-Generation Aerospace) is re-announced as follows for the new R&Dtasks eligible for support, so please apply if you are interested in carrying out the project.

▶ **Research project overview**

Purpose

○ Improve industrial competitiveness through the development of core electronic components in key industrial fields and foster new future industries through the development of convergence technologies.

- **(Development of next-generation high-reliability communication network semiconductor technology for aerospace use)** Design and verification support for high-reliability semiconductors for aerospace to respond to the increased use of ultra-high-speed network semiconductors due to localization and high-performance, high-reliability, and miniaturization of core component technology for the domestic aerospace industry, which is dependent on foreign technology.

Research Fund & Period

Research Program	Electronic component industry technology development project Development of next-generation high-reliability communication network semiconductor technology for aerospace use
Budget	3 billion won
Newly supporting R&D projects	4 projects
Research Period	57 months(4yrs 9months)

○ When selecting a new R&Dproject, the agreement period is concluded for the entire R&Dperiod of the relevant R&Dproject. Considering the characteristics of the R&Dproject, it can be divided into stages from 1 to 4 years.

▶ **How to apply, submission deadline and reception location**

:: In principle, R&D plans (projects) entered all assignment information (application items) into the computer by 18:00 on the application deadline, uploads the documents and submitted them to the status of 'submission complete are accepted. It may take at least an hour to input computer information and upload documents, and for assignments not completed within the deadline.

Category	Deadlines
Announcement	Tue, 09th of April, 2024 ~ Wed, 24th of April, 2024
Application form releases	Application form releases: Thu, 11th of April, 2024 Appplicaoin release and apply on : www.iris.go.kr
Application	Thu, 11th of April, 2024 ~ Wed, 24th of April, 2024 18:00 * Please strictly adhere to the application deadline (no modifications or submissions after 18:00)

○ Corporate real name authentication and individual real name verification for new registration of institutions and personnel, etc. are only possible within the processing hours (~18:00) of the relevant certification agency (Seoul Credit Rating Information), and may be subject to non-certification. Please note that if new registration of institutions or personnel is not possible, online application will not be processed.

○ For inquiries during the computer system application, please contact the government-wide integrated research support system customer center (☎1877-2041) or the industrial technology R&D consultation call center (☎1544-6633) within office processing hours (~18:00).

※ On the application deadline, applications may be delayed or problems may occur due to connection overload, so please apply in advance. Additionally, new applications and modifications are not possible after the application deadline 18:00.

※ If the submitted documents, R&D plan, etc. are false, forged, or fraudulently prepared through other processes, disadvantageous measures such as exclusion from prior application, cancellation of selection, and termination of agreement will be taken in accordance with relevant regulations.

※ When submitting an application, adhering to the principle, the head of research at the host R&D institution logs in and inputs and submits the information.

※ In the case of attached forms that require a seal, scanned upload is the principle, but in the case of some forms automatically generated online, it can be replaced with an electronic signature, etc.

※ In the integrated type, the research director submits online individually by per general R&D projects.

::**How to apply**: Apply online only for the entire R&D plan and attached documents (no need for offline submissions)

:: R&D plan reception desk

○ www.iris.go.kr → Project Information → Project Notice → Project Notice menu (submitted online by the supervising R&D institution as representative)

※ Project applicants unable to submit through IRIS will be submitted using the existing industrial technology R&D information portal (itech.keit.re.kr) (Additional notice will be announced later)

▶ **Contact Information**

:: Detailed RFP/items and related forms can be found at Planning ROME (prome.keit.re.kr) and Evaluation and the Industrial Technology R&D Information Portal site (itech.keit.re.kr). Refer to IRIS site (www.iris.go.kr)

High reliability for next-generation aerospace use	shipbuilding defense industry	053-718-8482	aerospace	053-718-8274
Communication network semiconductor tech. develop.	aviation	053-718-8438	PD	