



HFCL Limited

8, Commercial Complex, Masjid Moth, Greater Kailash - II,
New Delhi - 110048, India

Tel : (+91 11) 3520 9400, 3520 9500 Fax : (+91 11) 3520 9525

Web : www.hfcl.com

Email : secretarial@hfcl.com

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BSE Ltd. 1 st Floor, New Trading Wing, Rotunda Building Phiroze Jeejeebhoy Towers, Dalal Street, Fort Mumbai – 400001 corp.relations@bseindia.com Security Code No.: 500183	National Stock Exchange of India Ltd. Exchange Plaza, 5 th Floor, C – 1, Block G Bandra – Kurla Complex, Bandra (E) Mumbai – 400051 cmlist@nse.co.in Security Code No.: HFCL
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Subject: **Press Release: HFCL Develops Critical Defense Technologies Indigenously with Focus on Exports**

Dear Sir(s)/ Madam,

Attached, please find a press release titled “*HFCL Develops Critical Defense Technologies Indigenously with Focus on Exports*”.

We request to take the above information on your records and disseminate the same on your respective websites.

Thanking you.

Yours faithfully,
For **HFCL Limited**

(Manoj Baid)
President & Company Secretary

Encl.: Press Release.



Press Release

For immediate Release

HFCL Develops Critical Defense Technologies Indigenously with Focus on Exports

New Delhi, July 30, 2024: HFCL a leading technology enterprise specializing in the manufacturing of high-end telecom equipment, optical fiber, and optical fiber cables, as well as providing communication network solutions for telecommunications, defense, and railway sectors, has indigenously designed and developed various cutting edge defence technologies including Electronics Fuzes, Ti Cores for Thermal Sights, Thermal Weapon Sights for light machine guns and assault rifles, Ground Surveillance Radars for various range and applications, High Capacity Radio Relays, among others. HFCL is also in the advanced stage of discussions to adopt defence technology and products developed by the Indian Agencies.

The Company's indigenously developed electronic fuzes for artillery ammunition have already undergone extensive testing. The intellectual property rights of these products are entirely owned by HFCL in line with the Atmanirbhar Bharat Abhiyaan. Discussions are underway for the export of these indigenously developed fuzes.

HFCL has also designed 12-micron Ti-core based thermal weapon sight for defence forces, a feat accomplished by few global companies. HFCL has also participated in tenders for thermal weapon sights for light machine guns and rocket launchers with its indigenously developed products, which are currently in various stages of trials.

Further, to fulfill the critical Information, Surveillance, and Reconnaissance (ISR) needs of Defense and Security Forces, HFCL has strategically focused on developing advanced radar technologies. In its initial offering, HFCL through its subsidiary, Raddef Private Limited, an R&D enterprise specializing in cutting-edge radars and RF solutions, has designed and developed a range of ground and coastal surveillance radars to meet diverse operational needs. These radars employ Frequency Modulated Continuous Wave (FMCW) technology, which offers numerous advantages over other radar technologies, including high accuracy, low power consumption, and resistance to interference.

HFCL is also in discussion with a large player for the development of critical sub-systems for their overall surveillance platform.

The surveillance radars have been subjected to extensive trials for ground and coastal surveillance applications. The senior defense officials recently visited the Company's R&D facility at Bangalore and appreciated the progress made by HFCL.

HFCL is also one of the shortlisted vendors in the Make-II program of the Indian Army for upgrading armaments of BMP 2/2K, having successfully cleared first level of user trials.

Aiming to be a significant contributor to the defense sector and fortify national security, HFCL has invested in its R&D capabilities over the past five years to develop various defense technologies.

The Indian Defence forces, recognized as the world's fourth largest armed force, stands on the brink of a significant transformation. The Government has identified the Defence sector as pivotal area for the 'Aatmanirbhar Bharat' initiative. This strategy focuses on fostering indigenous manufacturing capabilities and strengthening a robust research and development ecosystem.

India accounts for 3.7% of global military spending amounting to 6.21 lakh crore, making it the third highest military spender in the world after the U.S. and China. With active initiatives by Indian and various global governments to modernize and upgrade defense networks and systems, there is a total addressable market of multi billion dollars.



Leveraging its strong R&D capabilities, HFCL aims to address the Defence market nationally and internationally. The market size for HFCL's current products is expected to be in excess of USD 10 Billion.

Mr. Mahendra Nahata, Managing Director, HFCL, said, *"HFCL has successfully created a comprehensive, its IPR owned state-of-the-art defense product portfolio which are not only of national importance but also have huge demand for export. Entering the defense business on a significant scale, we are exploring new product opportunities and forming strategic alliances to grow and contribute substantially to India's defense sector. Our innovative products for the Indian Defense Forces and global markets are poised to boost our revenue and profitability"*.

With development of new generation defence product portfolio and ongoing sales and marketing efforts both domestically and in international markets, HFCL expects notable increase in its revenue and profitability from the defence sector in coming years.

About HFCL

HFCL is a leading technology company specializing in creating digital networks for telcos, enterprises, and governments. Over the years, HFCL has emerged as a trusted partner offering sustainable high-tech solutions with a commitment to providing the latest technology products to its customers. HFCL's strong R&D expertise coupled with its global system integration services and decades of experience in fiber optics enable it to deliver innovative digital network solutions required for the most advanced networks.

The Company's in-house R&D Centres located at Gurgaon & Bengaluru along with invested R&D houses and other R&D collaborators at different locations in India and abroad, innovate a futuristic range of technology products and solutions. HFCL has developed capabilities to provide premium quality Optical Fiber and Optical Fiber Cables, state-of-the-art telecom products including 5G Radio Access Network (RAN) products, 5G Transport Products, Wi-Fi Systems (Wi-Fi 6, Wi-Fi 7), Unlicensed Band Radios, Switches, Routers and Defence electronics products.

The Company has state-of-the-art Optical Fiber and Optical Fiber Cable manufacturing plants in Hyderabad, an Optical Fiber Cable manufacturing plant in Goa and in its subsidiary HTL Limited in Chennai.

HFCL is a partner of choice for its customers across India, Europe, Asia Pacific, the Middle East, Africa, and the USA. HFCL's commitment to quality and environmental sustainability inspires it to innovate solutions for the ever-evolving customer needs.

Visit www.hfcl.com for more information.

For further details, please contact:

HFCL Limited Manoj Baid Amit Agarwal Alok Chander Email: manoj.baid@hfcl.com amit.agarwal@hfcl.com alok@hfcl.com Contact: 011 35209400	Adfactors PR Snigdha Nair Vasundhra Sethi Akshataa Acharya Email: snigdha.nair@adfactorspr.com vasundhra.sethi@adfactorspr.com akshataa.acharya@adfactorspr.com Contact: 9920481191 7428508927 9148730795
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