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National Stock Exchange of India Limited
Exchange Plaza, Bandra Kurla Complex,
Mumbai - 400051
Symbol - TCS

BSE Limited
P. J. Towers, Dalal Street,
Mumbai - 400001
Scrip Code No. 532540 (BSE)

Dear Sirs,

We are sending herewith copy of the Press Release titled “**TCS Positioned as a Leader in 5G Engineering Services by Everest Group**” which will be disseminated shortly.

The Press release is self-explanatory.

Thanking you,

Yours faithfully,
For **Tata Consultancy Services Limited**

A handwritten signature in black ink, appearing to read 'Pradeep'.

Pradeep Manohar Gaitonde
Company Secretary

TATA CONSULTANCY SERVICES

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TCS Positioned as a Leader in 5G Engineering Services by Everest Group

Tata Consultancy Services' Extensive Experience across the 5G Engineering Domains, Comprehensive Solutions, and Strong Focus on Innovation that Led to a Gamut of IP, Cited as Key Strengths

NEW YORK | MUMBAI, November 09, 2021: Tata Consultancy Services (TCS) (BSE: 532540, NSE: TCS), a leading global IT services, consulting and business solutions organization, has been named a Leader in the Everest Group PEAK Matrix® for 5G Engineering Services¹.

The report highlights TCS' extensive experience across 5G engineering domains and comprehensive solutions across the value chain and sub-segments in the 5G engineering ecosystem. Cited as a key strength was TCS' strong focus on innovation that has led to a gamut of IP in areas such as O-RAN, 5G core testing, and network designing.

"With deep domain knowledge across multiple industries, sustained investments in research and innovation, and in intellectual property, TCS is partnering with semiconductor and network equipment makers, communication service providers and progressive enterprises across a wide gamut of industries in their 5G transformation journeys," said Kamal Bhadada, Business Group Head, Communications, Media, and Information Services, TCS. "This leadership position is a reflection of our innovation-led approach, customer centricity and substantial investments to drive 5G product innovation, seamless network deployment and enterprise digital transformation."

TCS offers a comprehensive portfolio of 5G engineering services across product engineering, network engineering, and solution engineering, and spanning strategy and consulting, design, implementation, testing, and support services. With its deep contextual knowledge and engineering expertise, TCS helps customers accelerate their 5G technology evolution as well as create ecosystems that collectively develop innovative solutions to deliver greater futures.

Its proprietary 5G engineering solutions include:

- **TCS CNOPS™:** A Cognitive Network Operations Platform powered by AI, analytics, and predictive automation. It provides zero-touch operations for 5G, 4G, O-RAN, and next-gen networks, as well as Edge network analytics for 5G use cases.
- **TCS FRaaS™:** Unique digitized 5G back haul, mid-haul, and long-haul optical transport end-to-end integrated network plan and design solution to accelerate the design to build lifecycle.
- **TCS Netomate™:** An automation framework for hybrid multi-vendor networks powering automation first across network operations, network testing and lab services for telco and enterprise customers, using agile practices and principles of continuous integration, continuous delivery, and continuous testing.
- **Cognitive 5G Backhaul Controller:** Intelligent and programmable controller to optimally provision and orchestrate the mobile backhaul for 5G network slicing.
- **O-RAN Test Simulator:** The test simulator helps in interface validation by simulating the radio unit and distributed unit/centralized unit. It tests Open FH and F1/E2/O1 interfaces using an in-built traffic generator.

¹ Envisioning the Connected Future: 5G Engineering Services PEAK Matrix® Assessment 2021, Akshat Vaid, Mayank Maria, Gaurav Pandey, Shivank Narula, Swarnim Banerjee, Everest Group, September 30, 2021

- **5G Core Test Platform:** Comprehensive test platform to accelerate validation of the 5G Core by simulating network components through 3GPP defined information models and using pre-built functional and non-functional test cases.

TCS has invested in Centers of Excellence (CoEs) that focus on IoT-specific end-to-end solutions to cover edge/ soft sensor enablement till cloud to embrace a 5G ecosystem. The Edge CoE develops solutions for several industrial verticals including industrial automation, energy and utilities, healthcare, high-tech, and smart cities, etc.

Other CoEs focus on product engineering across 5G technologies such as RAN/ O-RAN, baseband, modems, edge, core, fronthaul, backhaul, antennas, RF frontend, network management, network automation, optimization, and analytics.

Akshat Vaid, Vice President, Everest Group, said, “One of the key reasons for TCS’s positioning as a leader in Everest Group’s 5G Engineering Services PEAK Matrix® Assessment 2021 is its focus on innovation, which has manifested into a portfolio of IP in areas such as ORAN, network testing and designing, and design and development of 5G use cases, among others. TCS has a global delivery footprint catering to clients spread across geographies and ecosystem segments, including network equipment providers, telecom service providers, and enterprise customers. TCS also offers a strong private 5G portfolio with offerings such as interoperability testing, spectrum assessment, custom industry applications development, and network deployment, integration, and maintenance. Buyers speak highly of its domain and technical expertise, as well as investments in 5G talent building initiatives.”

About Tata Consultancy Services (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that has been partnering with many of the world’s largest businesses in their transformation journeys for over 50 years. TCS offers a consulting-led, cognitive powered, integrated portfolio of business, technology and engineering services and solutions. This is delivered through its unique Location Independent Agile™ delivery model, recognized as a benchmark of excellence in software development.

A part of the Tata group, India's largest multinational business group, TCS has over 528,000 of the world’s best-trained consultants in 46 countries. The company generated consolidated revenues of US \$22.2 billion in the fiscal year ended March 31, 2021, and is listed on the BSE (formerly Bombay Stock Exchange) and the NSE (National Stock Exchange) in India. TCS' proactive stance on climate change and award-winning work with communities across the world have earned it a place in leading sustainability indices such as the MSCI Global Sustainability Index and the FTSE4Good Emerging Index. For more information, visit www.tcs.com

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