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In 2021, we expanded e-Money services available to our customers through LinkAja to include electronic toll payments, certain tax payments and the ability to settle certain other transactions in other various use cases. In the midst of digital wallet business competition, LinkAja has a business strategy to not only serve consumers in the form of business to customer (B2C) but also provide business solution services for the business to business (B2B) business model. LinkAja's business solution service provides various features such as disbursing funds, collecting cash, digitizing payments through QRIS, merchant applications and others, digitizing ecosystems and advertising services. LinkAja is currently targeting MSME players and corporations in various industries. LinkAja also collaborates on sharia services with Bank Syariah Indonesia (BSI) to provide digital convenience to the wider community and encourage the transformation of sharia digital transactions to achieve financial inclusion in the country.

Remittance Service

We and Telkomsel have licenses to operate as money transfer services providers pursuant to Bank Indonesia letters No.11/23/Bd/8 of 2009 and No.12/48/DASP/13 of 2009. These permits do not have a set expiry date or a period of adjustment as long: (i) as we and Telkomsel continue to conduct the relevant businesses; (ii) we do not violate any applicable regulation; and (iii) the Government does not amend or revoke such permits.

IPTV

On April 27, 2011, we and PT Indonusa Telemedia, formerly known as TelkomVision ("Indonusa") as a consortium obtained a license to operate IPTV services. We sought a new license so that Telkom, as an individual operator, can hold an IPTV Telecommunication Service Operation License, so that we may offer a wider range of multimedia services. We obtained such license on February 25, 2021, when Telkom was granted a license to operate telecommunication services.

Construction Services Business License ("IUJK")

Certain of our subsidiaries possess an IUJK (which permits us to conduct national telecommunication-related construction services), which allows us to conduct our construction services business, including the installation of telecommunications equipment and for the wiring of buildings. In January 2021, we obtained a new IUJK which will be effective once we have completed the required environmental impact analysis (AMDAL) or environmental evaluation document. Until this analysis or document is completed, construction works requiring a IUJK are carried out by our subsidiaries which possess their own effective IUJK.

Content Provider Services

We obtained a content provider services license in 2017 through MoCI Decree No. 1040 of 2017 dated May 16, 2017. Such license has no set expiry date, but MoCI re-evaluates the content services licenses every five years.

Trademarks, Copyrights and Patents

We constantly seek to develop product and service innovations in line with a dynamic business portfolio. To provide both protection for and recognition of creativity and innovation, we have registered a number of intellectual property rights, including trademarks, copyrights, and patents with the Directorate General of Intellectual Property Rights at the Ministry of Law and Human Rights.

The intellectual property rights we have registered include: (i) trademarks for our products and services, corporate logo and name; (ii) copyrights on our corporate name and logo, product and service logos, computer programs, research, books and songs; and (iii) single patents (generally valid for 10 years from the date of receipt of the single patent submission) and patents (generally valid for 20 years from the date of receipt of the single patent submission) on technological inventions in the form of telecommunications products, systems and methods.