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**FOR IMMEDIATE RELEASE**

**ISDN Holdings Ltd breaks new ground in hydropower as it commences construction of its maiden mini-hydropower plant in North Sumatra, Indonesia**

**Singapore, 1 July 2014** -- SGX Main Board listed ISDN Holdings Limited ("ISDN" or "The Group"), an integrated engineering solutions provider for diverse industries, has marked a significant milestone in its hydropower business as it commences construction of its maiden mini-hydropower plant in Indonesia.

Located in Aek Sisira Tarabintang sub-district, Humbang Hasundutan, North Sumatra



*River leading to PT Charma Paluta Energy Hydropower Plant*

Province, the PT Charma Paluta Energy (PT Charma) hydropower facility is equipped with 4.6 megawatt (MW) of installed base capacity that is capable of producing 27 GWh of electricity annually.

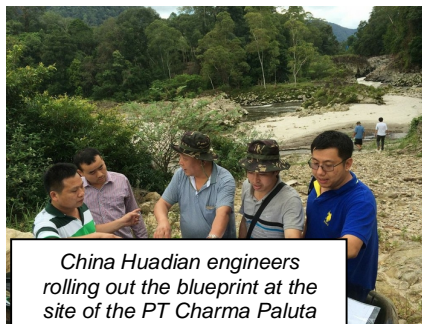
PT Charma has contracted to supply electricity to PT PLN (Persero), Indonesia's state-run power distribution company at a tariff rate of IDR 787 or USD \$0.06 per KWh for a tenure of 20 years. Last week, ISDN, announced, following the latest upward revision of electricity tariff rates by the Indonesian Government, PT Charma will be able to negotiate for a higher tariff rate of up to IDR 968 (USD \$0.08).

The PT Charma plant is estimated to generate approximately USD \$2 million per year with running costs expected to cost between USD 0.7 and 0.5 cents per KWh while the investment cost is projected to amount to approximately USD \$10 million.

Construction is expected to last 18 to 24 months and will involve various stages including the construction of the waterway, powerhouse, penstock, turbines and other civil, mechanical and engineering structures and installations as well as the test and commissioning of the

hydropower facility when it is finally completed. The first income stream is expected to flow in after full operations commences.

China Huadian Engineering Co. Ltd (China Huadian), one of China's leading state-owned power and industrial play, was awarded with the master engineering, procurement and construction (EPC) contract to develop PT Charma's hydropower facility in February this year.



*China Huadian engineers rolling out the blueprint at the site of the PT Charma Paluta Energy Hydropower Plant*

China Huadian is a Chinese wholly state-owned enterprise established in 2002 with a registered capital of RMB 12 billion with mainstay businesses in electricity generation and power supply as well as clean energies including wind power, nuclear power, bio-energy and solar power. Its total assets are valued at RMB 330 billion and its annual power output reached up to 300 billion kW/h in 2009.

China Huadian also controls shares in limited companies such as Huadian Power International Co., Ltd, Huadian Power Co.,Ltd, State Power Nanjing Automation Co.,Ltd. and Huadian Jinshan Power Co.,Ltd.

Mr Teo Cher Koon, ISDN Managing Director and President said, "This signifies a critical point in our energy master plan that to date encompass both hydro and coal power. The mapping and execution to eventual completion and operation of the PT Charma hydropower plant will be used as a showcase and guiding template for our subsequent hydropower ventures."



*Newly cleared road leading to PT Charma Paluta Energy Hydropower Plant*

ISDN owns 80% equity stake in PT Charma. It is one of three mini-hydropower plants that ISDN will be developing in North Sumatra, the other two being PT Alabama Energy and PT Prima Paluta Energy. All three will give rise to a combined total of 24.6 MW installed base capacity and are located within 25 kilometre-radius of each other and have been earmarked by ISDN to be the first projects that are to be undertaken and developed by China Huadian.

Altogether, ISDN has revealed plans to develop a series of seven mini-hydropower plants: four in Sumatra and three in Sulawesi, amounting to 50 MW combined installed base capacity. As announced earlier, new projects are currently being negotiated in the archipelago, details of which will be made known accordingly.

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## **About ISDN Holdings Limited**

Founded on its precision and motion control engineering capabilities in 1987 and listed on the Singapore Exchange Main Board since 2005, ISDN Holdings Limited has today transformed into a multi-industry corporation with diverse strengths. With more than 90 offices spanning key Asian growth markets, ISDN's business interests now include, in addition to engineering, the energy and agriculture sectors

ISDN is dominant in the niche area of motion control and industrial computing, attending to the needs of customers in the Asian region. ISDN's customised solutions cater to different industrial sectors including medical, robotics, factory automation, oil and gas, water treatment, manufacturing, hard disk and semiconductor industries. By leveraging on its alliances with strategic partners in Europe, Asia and Australia, ISDN is able to combine and thereupon benefit from the best-in-class technology and business systems these collaborations have to offer.

For more information, please visit [www.isdnholdings.com](http://www.isdnholdings.com) or contact:

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