

**K-Electric Limited**

**List of Prequalified Applicants along with their Company Profiles**

**Annexure A**

Rank	Name of Qualified Applicant	JV / Consortium Partner	Company Profile	Conditionally Qualified
1	China Machinery Engineering Corporation (CMEC)		China Machinery Engineering Corporation (CMEC) is a listed company in the Hong Kong Stock Exchange, with controlling equity of China National Machinery Industry Corporation. Over the past 30 years, CMEC has expanded its businesses across 47 countries. The Company initiated its operations in Pakistan, under the umbrella of China-Pakistan Economic Corridor (CPEC) with its Pakistan Thar Mining and Power Project in 2016.	
2	Trina Solar Company Limited		Founded in 1997, Trina Solar is a leading PV and smart energy total solution provider. As of December 2020, Trina Solar has delivered more than 66 GW of solar modules worldwide, ranking amongst Top 500 private enterprises in China.	
3	Master Textile Mills Limited (MTML)		MTML is a part of Master group, one of the diverse business groups in Pakistan. MTML holds 100% shares in the Master Power (Pvt.) Limited (MPL) . Furthermore, MTML has common directorship with its associate, Master Wind Energy Limited (MWEL), and holds 15% equity stake in the same.	
		Nadeem Malik		
		Shahzad Malik		
4	Oursun Pakistan Limited		Oursun Pakistan is an unlisted company, with over 4 years of experience in solar power generation. The Company was incorporated to set up and operate a 50 MW PV solar power generation facility to provide power to K-Electric Limited.	
		Oursun Solar Power Pvt. Ltd.	Oursun Solar has over 7 years of experience in solar power generation. Oursun Solar is an unlisted public company, incorporated under the Companies Ordinance, 1984. The company is owned by Meeco Services Pakistan (Private) Limited, world's leading clean energy company, with over 100 projects of c. 331 MW financed and operational.	
		Orient Power Company Pvt. Ltd.	Orient Power has over 17 years of experience in thermal (GT, ST) power generation.	
5	Rana Nasim – Gharo Solar (Private) Limited		Gharo Solar (Private) Limited was incorporated as a private limited company under the Companies Ordinance, 1984 on June 30, 2016. The principal activity of the company was to build, own, operate and maintain a solar plant having a total capacity of 50 MW.	
		Norsk Solar	Norsk Solar focuses on building solar projects in emerging markets where we can maximize our impact on sustainability and economic growth.	
		Windforce Pvt. Ltd.	Windforce is a Sri Lanka based company, which constructs state-of-the-art wind power plants that meet international standards with a vision to achieve an installed capacity of 500 MW by 2025 by diversifying into foreign markets.	
6	FFBL Power Company Limited (FPCL)		FFBL Power Company Limited (FPCL) is an unlisted public limited company incorporated as a special purpose vehicle in June 2014. FPCL plant is located in Eastern Industrial Zone of Port Qasim, with an installed capacity of 118 MW and is currently generating power at two different frequencies i.e. 50 Hz and 60 Hz, to meet power requirements of K-Electric and Fauji Fertilizer Bin Qasim Limited (FFBL), respectively.	
		Fauji Fertilizer Bin Qasim Limited (FFBL)	Fauji Fertilizer Bin Qasim Limited (FFBL) is mainly involved in manufacturing and distribution of chemical fertilizers for the farmers and agriculture sector of Pakistan. Major shareholders of the company are Fauji Foundation (18.29%) and Fauji Fertilizer Company (FFC) (49.88%). Company as part of its diversification strategy acquired 21.57% of shares in Askari Bank and 50.59% shares in Fauji Foods Limited (FFL) formerly Noon Pakistan Limited. FFBL also has diversified in energy sector and has 35 % stakes each in Foundation Wind Energy-I & Foundation Wind Energy-II (FWE-I & II). FFBL has majority stakes in its two unlisted subsidiaries, FFBL Power Company Limited (FPCL) and Fauji Meat Limited (FML), besides its 100% ownership in FFBL Foods Limited.	FPCL's qualification is conditional to them providing undertaking from their parent company, for financial and technical expertise
7	Marubeni Corporation		Incorporated in 1949, Marubeni Corporation is headquartered in Tokyo, Japan, with 136 branches / offices in 68 countries. Marubeni has built an optimum IPP/IWPP asset portfolio in a diverse range of regions of the world. Most of the projects are guaranteed under long-term power purchase agreements which provide a stable profit foundation. In Japan and overseas, Marubeni's total net generation capacity is 11,857MW (as of the end of March 2021) which is comparable to leading international IPP players.	
		Moiz Tapal	Sponsor of Tapal Energy	
		Tabish Tapal	Sponsor of Tapal Energy	
8	Sapphire Electric Company Limited		Sapphire Electric Company Ltd. (Sapphire) was incorporated in 2005, in Pakistan, for the construction of a dual fuel combined cycle power generation plant at Sheikhpura Muridke Road near Lahore. The plant has a gross capacity (ISO) of 225 MW operating on a combined cycle mode of operation which translates into 209 MW net capacity at ambient site conditions.	

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		Ningbo Green Light	Green Light Energy Group was founded in 2010, specializing in the production and sales of energy equipments & products, undertaking various domestic and international household and large scale solar thermal, photovoltaic, wind energy projects, holding and operating all kinds of large power stations all over the world, providing high quality energy solutions. Ningbo Green Light Energy Group, owns more than ten subsidiaries such as Zhejiang Green Light Jasuo Electrical Engineering Construction Co. Ltd, Ningbo Green Solar Technology Co. Ltd., Ningbo Green Solar Global Trading Co. Ltd, Hongkong Green Light, Pakistan Green Light, Bangladesh Green Light, Beilun Green Light and so on, headquartered in Ningbo, China, is one of the earliest enterprises to export photovoltaic system in China.	
		Sapphire Fibres Limited	Sapphire Fibres Limited (SFL) is a vertically integrated composite textile unit, manufacturing cotton yarn, fabric and garments. SFL is the flagship company of the Sapphire Group and is one of the Lead Players in the Textile Composite sector of Pakistan. SFL was incorporated as a public limited company in Pakistan in 1979 and its shares are quoted on Karachi, Islamabad and Lahore Stock Exchanges.	
9	Atlas Power Limited		Atlas Power Limited is a joint venture between the Atlas Group and MAN Diesel & Turbo Germany. Atlas Power was established as a public (unlisted) company in 2007 as a power generation plant / project having gross capacity of 225 MW under a 25 year agreement with NTDC. The project was commissioned under 2002 Power Policy of GoP and was granted a generation license by NEPRA in May 2007.	
		Shirazi Investments	Shirazi Investments is the holding company of Atlas Group and representative of the majority shareholders. Having started its operations in 1962, Shirazi Investments is engaged in capital market, fund management, under-writing, real estate and venture capital investments.	
10	Ib vogt GmbH		Established in 2002, Ib vogt GmbH focuses on developing and delivering high-quality large-scale turnkey PV plants worldwide. Since 2014, Ib vogt has sold more than 383 MWp to institutional investors.	
11	Metro Group of Companies		Established in 1986, Metro Group is a corporation of dynamic and well recognized companies in Pakistan. Under this, Metro Company was exclusively established to undertake operations to generation power and meet the power shortage in the country for which Alternative Energy Development Board (AEDB) authorized the company to set up a 50 MW Wind Power Project in Jhimpir.	
		Gul Ahmed Wind Power Limited (GAWL)	Gul Ahmed Wind Power Limited, a company incorporated in Pakistan, which is owned by Gul Ahmed Energy Limited (GAEL, 51%) and InfraCo Asia Indus Wind Pte Limited (Infraco Asia Indus Wind, 49%). GAEL has developed a 136 MW power plant in Pakistan, which has been in operation for the last 17 years.	
12	Zorlu Energy		Established in 1993, Zorlu Energy is an energy company that aims to operate on different fields of energy sector providing a global scale integrated service. Zorlu Solar Pakistan (Private) Limited is a subsidiary of Zorlu Energy, which is a 100 MW solar power plant in the province of Punjab.	
13	Universal Energy Company Limited		Since established in 2015, UE has followed closely the China's "Belt and Road" initiative. By adhering to the business philosophy of "global layout, stable operation, win-win cooperation, and benefit sharing", UE deep dived in the market in Central Asia and ASEAN and has successively deep dived the market in Mainland of China, Kazakhstan, Albania, Vietnam and Western Africa countries. So far, the built and generation capacity has exceeded 730MW, and the planned grid-connected capacity is expected to reach 2GW in three years .	
		Technomen Kinetics	Technomen Kinetics (Pvt) Ltd. is a leading engineering company with a number of successful projects to its credit. We have resolved some of the very complex technical issues involving relocation, repair, refurbishment, etc. and have a respectable list of satisfied customers.	
14	JCM Power		JCM Power is an independent power producer (IPP) dedicated to accelerating social, economic and environmental sustainability in growth markets through the development, construction and operation of renewable energy facilities and HVDC transmission lines. In May 2017, JCM Power launched its Asian platform, partnering with the JS Group through its acquisition of an interest in the 50MW Hawa wind farm located in Jhimpir, Pakistan. This was followed by Jhimpir Power (Private) Limited (JPL) which is another 50 MW wind farm in Jhimpir.	JCM Power's qualification is conditional to them providing undertaking from their shareholders, for financial and technical expertise
		Burj Energy	Burj Capital is a UAE based investment firm engaged in renewable power development focusing on both utility scale and distributed generation strategies. Burj Energy (DIFC, Dubai office), has several projects in Pakistan, including Burj Wind Energy and Burj Gharo Energy.	
		Vitol Solar	Vital is the world's largest independent energy trader, with daily trade volumes equivalent to over 10% of global oil demand. In the USA and Europe they trade over 1000 TWh of electricity per year.	

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15	Engro Energy Limited		Incorporated in 2008, Engro Energy is a fully owned subsidiary of Engro Corporation (Pakistan's largest conglomerate) to develop power projects in Pakistan. The Company owns and operates Engro Powergen Qadirpur Limited (217 MW). Engro Powergen Thar Private Limited (EPTL) of 2x330MW is another project, which is a joint venture between Engro Powergen Ltd (EPL), China Machinery Engineering Corporation (CMEC), Habib Bank Ltd (HBL), and Liberty Mills Limited. Apart from these, Sindh Engro Coal Mining Company (SECMC) and Engro Energy Services Limited also operate within the umbrella of Engro Energy.	
16	Zonergy Company Limited		Zonergy Company Limited is a state owned high-tech Chinese enterprise, which was founded in 2007. Zonergy is also one of the leaders for the electricity generation in Pakistan.	
17	Artistic Milliners (Private) Limited		Artistic Milliners, headquartered in Pakistan, is a multinational denim manufacturing powerhouse with a strong focus on automation, innovation, people and planet. The company has an annual production capacity of 88 million pounds of yarn, 108 million meters of fabric and 30 million garments. Artistic Milliners has diversified its portfolio to include renewable energy with a current capacity of 100 MW of Wind Energy and 49.3 MW of Solar, and has a growing interest in Solar and Hydro plants.	
18	Scatec Solar		Scatec is a leading renewable power producer, delivering affordable and clean energy worldwide. As a long-term player, Scatec develops, builds, owns and operates solar, wind and hydro power plants and storage solutions. In the first half of 2021, Scatec will have a total of 3.3 GW in operation on four continents and more than 500 employees.	
		Nizam Energy	In Pakistan, Scatec and its local partner, Nizam Energy, have secured financing for its 150 MW Sukkur project, with Scatec holding 75% of the equity and Nizam holding the remaining 25%.	
19	Malaysian Solar MSR		MSR Projects was incorporated in September 2012 as a private limited company. MSR is involved in EPCC of Solar PV Projects by undertaking the Engineering, Procurement, Construction, Commissioning (EPCC) of Solar PV projects. With subsidiaries on three continents, the company has designed and built some 800 MWp of turnkey systems since its founding.	
		Asia Petroleum	Asia Petroleum Limited (APL) is an energy and infrastructure company, headquartered in Karachi, Pakistan. It transports Residual Fuel Oil (RFO) through its state-of-the-art oil terminal and pipeline system connecting Pakistan State Oil Company Limited (PSO) tank farm at Port Qasim, Sindh to Hub Power Company Limited (Hubco) tank farm at Hub, Baluchistan.	
		ASIAPAC Power Holdings Pte. Ltd.	Asiapac Power Holdings Pte. Ltd. (APH) was incorporated in the Republic of Singapore on 27 October 2016 under the Companies Act as an investment holding company. APH Group of Companies concentrates in the Clean Renewable Energy ("CRE") sector mainly in the ASEAN region. Apart from providing engineering services, we also participate in co-ownership of RE assets either through acquisition of existing operating CRE power plants or developing new CRE power plants.	
20	Hecate Energy		Hecate Energy is a leading developer, owner and operator of renewable power projects and storage solutions in North America and selected international markets. In Pakistan, the power project developer is involved in construction of several PV plants such as Quaid-e-Azam solar power plant.	
		China First Metallurgical Group Co. Ltd.	China Metallurgical Group Corporation (MCC Group) is the longest-running construction force in China's iron and steel industry, serving as the pioneer and main force in this field. The Company constructs steel structure buildings, roads, municipal infrastructures, and other buildings. China First Metallurgical Group also operates real estate development and equipment manufacturing businesses.	
21	JA Solar Holdings		JA Solar was founded in 2005. The company's business ranges from silicon wafers, cells and modules to complete photovoltaic power systems, and its products are sold to 135 countries and regions and is highly recognized by authoritative associations in the industry as a leading global manufacturer of high-performance PV products.	JA Solar's qualification is conditional to them providing undertaking from their parent company, for financial and technical expertise.
22	ACT Group		ACT Group is a group comprising of three of the large conglomerates operating in Pakistan; Akhtar Group, Candyland (Ismail Group) and Tapal Group. The three groups have jointly invested in 30MW and 50 MW wind power projects in Pakistan.	ACT's qualification is conditional to them providing undertaking from their shareholders, for financial strength