



Basic Information of FIDIC Certified Consulting Engineer (FCCE)

Name	LuXiaoli	Gender	<input type="checkbox"/> M <input checked="" type="checkbox"/> F		
Organization	Guangzhou Metro Design & Research Institute Co., Ltd.				
Position/Title	Executive director/ senior engineer	Academic Degree	Bachelor of Engineering		
Major	engineering management	University	Sun Yat-sen University		
Qualification	Undergraduate course	Date of Recruitment	2005		
Certification No.	180100101315 2	Date of Issue	2018/02	Date of Expiry	Long term effectiveness
Professional Experience	2005-now Guangzhou Metro Design & Research Institute Co., Ltd. Executive director				
Major Achievements (type of engineering, ie. Civil, electrical, mechanical, etc. and type of projects, ie. Power station, railways, bridges, etc.)	Domestic projects	<p>1. 2012.01-2016.12, The general contracting management work of Guangzhou Foshan section of intercity rapid rail transit in the Pearl River Delta has been completed; the length of Guangzhou Foshan line phase II is about 6.587km, all of which are underground lines, with 4 stations in total, with the mileage of yak-7 + 437.000 ~ yak0 + 024.017, as the general contracting Management Director, to ensure the smooth progress of the project.</p> <p>2. 2011.01-2017.06, The general contracting management work of new stations in the qingbu Gaozeng section of Guangzhou Metro Line 9 has been completed; the total length of the line in the preliminary design stage of line 9 is 20.1km, all of which are underground lines, with 11 stations set up as the general contracting management principal to ensure the smooth progress of the project.</p> <p>3. 2010.01-2017.07, Participate in and complete the preparation of industrial standards, such as technical code for shield opening and air pressure operation, design code for prestressed concrete segmental precast bridge, technical code for urban rail transit water supply and drainage system, and design code for automatic guided rail transit, as the main compiler and project management personnel;</p> <p>4. 2011.04-2017.06, Participate in the research work of key</p>			



		<p>technology research on the construction of ancillary works of rail transit by pipe jacking method. This "research" has been widely used in the design of Guangzhou Metro Line 5, line 9 and other urban rail transit, and has set up a benchmark for metro construction. The patented technology and pipe jacking method for construction of ancillary works have become one of the core technologies for safe construction and operation of urban rail transit. As the main technical personnel, ranked fifth, the project won the third prize of 2017 science and technology award of Guangdong Municipal Industry Association.</p> <p>5. 2017.07-2020.06, Participate in the scientific research project of the 13th five year national key research and development plan of the Ministry of science and technology, disaster prevention and capacity maintenance technology for civil infrastructure of rail transit in complex environment, as the backbone of the project, and be responsible for preparing the capacity maintenance technical specifications of the project.</p> <p>6. 2017.07-2020.06, Participate in the scientific research project of the Ministry of science and technology's 13th five year national key research and development plan project "integrated design technology of rail transit for full life cycle cost", as a researcher, and be responsible for preparing the draft design specification for the full life cycle cost of rail transit system of the project, as well as the scientific research and fund management of this subject.</p> <p>7. 2017.01, Participate in 2017 China urban rail transit engineering construction blue book project, a special scientific research project of China Urban Rail Transit Association. As the main technical personnel, this project has annual major events, major innovation and progress, hot spots and focus issues, and statistical data in the field of national urban rail transit engineering construction.</p> <p>8. 2015.05-2016.12, Participate in the research work of modern tram standard system construction, as the professional director, responsible for the standard system design and standard preparation and revision of the project.</p> <p>9. 2012.01-2017.07, As the main technical personnel, I have participated in 10 patent projects, the list is as follows:</p> <p>a. A multi line air conditioning system and its control method applied in subway station (201410827682.3); b. A multi line air conditioning system applied in subway station (201420844278.2); c. An intelligent monitoring system of platform safety door (201320166095.5); d. A platform intelligent safety door system</p>
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		<p>(201320166227.4); e. A safe screen door system for rail transit (201320744036.1); f. Overhead rigid catenary suspension system (201520227415.2); g. Real time monitoring method applied to the command system of urban rail transit network (201510852393.3); h. A rail connection structure (201620471588.3); i. An installation structure of the superelevation of the outer rail of the rail curve (201620484863.5); j. A control room splicing display screen (201620471487.6)</p>
	Overseas projects	-----
Award	<p>1. 2011.04-2017.06, Participate in the research work of key technology research on the construction of ancillary works of rail transit by pipe jacking method. This "research" has been widely used in the design of Guangzhou Metro Line 5, line 9 and other urban rail transit, and has set up a benchmark for metro construction. The patented technology and pipe jacking method for construction of ancillary works have become one of the core technologies for safe construction and operation of urban rail transit. As the main technical personnel, ranked fifth, the project won the third prize of 2017 science and technology award of Guangdong Municipal Industry Association</p> <p>2. 2012.01-2017.07, As the leader of the scientific research and standardization team of the quality and technology research and development center, I have participated in the whole process research management of nearly 300 scientific research projects and 100 patent projects, and the whole process preparation management of 45 editors and participants. The project covers construction, structure, HVAC, water supply and drainage, electromechanical and other professional technologies. Participate in project approval, technical material sorting, achievement document preparation, achievement acceptance and other management work, including research and application of key technologies of energy storage tram project, integrated weak current UPS power system and power supply method applied to urban rail transit, research and application of key technologies of automatic monitoring of urban rail transit structure safety based on measuring robot The scientific research projects have passed the scientific and technological appraisal of Guangdong civil engineering and Architecture Society and become the achievements of the city's scientific and technological achievements database; the scientific research projects of fire linkage control system and method applied to urban rail transit and the integration and application of key technologies of urban rail transit planning and design in Guangzhou have won the first prize of the city's scientific and technological progress; the development of green urban rail transit design guidelines and green The scientific research project of establishment of evaluation standard for urban rail transit won the special fund award of the</p>	



	Provincial Department of housing and urban rural development; the fire linkage control system and method applied to urban rail transit won the supporting award of the 17th China Patent Excellence Award in Guangdong Province; the weak current integrated UPS power system and power supply method applied to urban rail transit won the Guangdong patent Excellence Award in 2015.				
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