



## Our Presence in the People's Republic of China

图中国集团《环境管理系统合作协  
EMS Cooperation Agreement" Between BOCOG and



Beijing Organizing Committee for the Games of the XXIX Olympiad (BOCOG) China



Shanghai Grace Semiconductor Manufacturing Corp. (GSMC), China



BMW Brilliance Automotive Assembly Plant China



Kunshan Economic and Technical Zone Optoelectronic Village (KOV), China

CH2M HILL is a global leader in full-service engineering, planning, consulting, construction, and operations—and one of the few American companies licensed in China as a general construction contractor for both general building and public works projects.

In January 2006, CH2M HILL Constructors (Shanghai) Company Limited was granted a license in China to offer clients a wide range of services, including fully integrated engineering, procurement, and construction services; project and construction management; and consulting and design-build project delivery services. This licensing places us among a select number of foreign firms able to help multinational clients expand into the Chinese market.

Serving the China market for more than 25 years, our offices in Beijing, Shanghai, Tianjin, Hong Kong, and Taipei staff more than 430 professionals backed by a US\$6.4 billion company. We serve clients worldwide with more than 25,000 employees in more than 77 countries. Leveraging our consulting, engineering, procurement, construction, and facility support services, CH2M HILL is uniquely positioned to continue serving the following markets in China:

- Water
- Consumer Products
- Government Facilities & Infrastructure
- Transportation
- Automotive
- Pharmaceuticals & Biotechnology
- Environmental
- Food & Beverage
- Energy/Oil & Gas
- Electronics
- Communications
- Industrial Manufacturing
- Power
- Chemicals & Plastics

### Project examples in China

Our offices in Hong Kong, Taiwan, and mainland China have completed several high-profile and high-tech projects for both local and global clients. While varied in scope and mission, each project has achieved world-class standards. These solutions are innovative, practical, high quality, safe, secure, and sustainable.

- **Beijing Organizing Committee for the Games of the XXIX Olympiad (BOCOG), Beijing, China**—Provided environmental consulting and developed the Environmental Management System and Environmental Master Plan. The ISO 14001-compliant EMS is part of BOCOG's overall management system for developing, implementing, achieving, reviewing, and maintaining environmental policy for the 2008 Olympic Games.
- **Tianjin Economic – Technological Development Area (TEDA), Tianjin, China**—Provided consultancy services for the new 183-km<sup>2</sup> North District Water Supply Options Study. Studied and investigated seven water sources and determined best cost/benefit outcome based on CH2M HILL's proprietary water conveyance and treatment cost analysis tool. All data was integrated into the tool to evaluate different water supply options.
- **Tianjin Economic – Technological Development Area (TEDA), Tianjin, China**—Provided consultancy and construction management services for the groundwater extraction and 70-km pressurized conveyance system. Provided comprehensive project management and coordinated all project stakeholders to meet client's tight schedule.
- **BMW Brilliance JV Automotive Assembly Plant, Shenyang, China**—Delivered engineering, procurement, and construction management services for this 70,000-m<sup>2</sup>, US\$200 million automotive assembly plant that includes body, paint, general assembly, and associated support facilities for BMW's 3- and 5-series sedans.

### Contact

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Motorola, China



Budweiser International Brewing Company  
China



Hong Kong Water Supplies  
Department Pilot Desalination Plant  
Hong Kong



Tianjin Economic - Technological  
Development Area (TEDA), China



Akzo Nobel Coil Coating, China



Chi Mei Optoelectronics  
Flat Panel Facility, Taiwan

- **Kunshan Economic and Technical Zone Optoelectronic Village (KOV), Kunshan, China**—Created innovative conceptual Master Plan for the development of an 11.5-km<sup>2</sup> sustainable, ecological, and livable high-tech residential, commercial, and recreational park. The KOV will provide a base for comprehensive optoelectronics manufacturing and research and development. This project was designed with respect for the environment, with 30 percent open landscape and interwoven road and waterway systems.
- **Motorola MOS 17 and BAT 3, Tianjin, China**—Designed multiple facilities for this 200-mm wafer fab chip manufacturing and BAT 3 assembly test plant. Constructed an 18,000-m<sup>2</sup> cleanroom and provided project and construction management services as needed.
- **Budweiser International Brewing Company, Wuhan, China**—Provided basic and detailed design and construction management services for this US\$100 million, 25,000-m<sup>2</sup> expansion project. Managed and coordinated process contractors during design and construction and provided site safety programme management and quality control services.
- **Hong Kong Water Supplies Department, Hong Kong**—Performed programme design, 2-year operations oversight, and performance training for two reverse osmosis seawater desalination pilot plants.
- **Shanghai Grace Semiconductor Manufacturing Corp. (GSMC), Shanghai, China**—Designed semiconductor manufacturing facility for 200- and 300-mm fab and provided integrated systems design and construction management services.
- **Akzo Nobel Coil Coating, Jiashan, China**—Delivered engineering, procurement, and construction management services for this 10,000-m<sup>2</sup>, US\$10 million coil coating greenfield facility that produces solvent-based metal coil coatings.

## Other projects in China

- **Caterpillar**  
Warehouse and Distribution Center  
Engineer, Procure, and Construction Management  
*Shanghai, China*
- **Hitachi Globe Storage Technologies (GST)**  
Hard Disk Manufacturing Facility Design  
*Shenzhen, China*
- **Chi Mei Optoelectronics**  
Flat Panel Facility Design  
*Tianan, Taiwan*
- **Lincang Industrial Park**  
Industrial Park Master Plan and Site Analysis  
*Yunnan Province, China*
- **Winbond Electronics Corp., Semiconductor Manufacturing Design and Services**  
During Construction  
*Taichung, Taiwan*
- **Environmental Protection Department**  
Chemical Waste Treatment Facilities Feasibility Study  
*Hong Kong Government, Hong Kong*
- **Taiwan Semiconductor Manufacturing Company, Ltd. (TSMC)**  
Semiconductor Manufacturing Facility Design-Build  
*Hsinchu, Taiwan*
- **Macronix International Co., Ltd.**  
Semiconductor Manufacturing Facility Design and Services During Construction  
*Hsinchu, Taiwan*
- **British American Tobacco**  
Environmental Health and Safety Audit  
*Hong Kong*
- **Cooper Kenda Tire & Rubber Co.**  
Tire Manufacturing Greenfield Facility Design Review and Construction Management  
*Kunshan, China*

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