

Famous
Investigation
and
Design
Consulting
Institutes
in
China

中国著名
勘察设计咨询企业

中华人民共和国建设部
THE MINISTRY OF CONSTRUCTION, P.R.C
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中国著名

勘察设计咨询企业

宋春华题



Famous Investigation and Design Consulting Institutes in China

Song Chunhua, Council Chairman of The Architectural Society of China, Former Vice-minister of the Ministry of Construction, P.R.C

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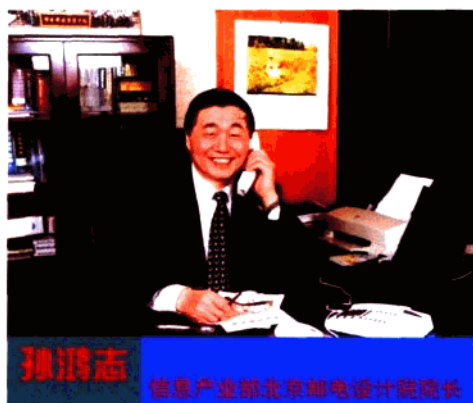
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信息产业部北京邮电设计院



孙鸿志，男，1940年出生，中共党员，高级工程师，毕业于北京邮电大学通信工程专业。1990年至1996年7月任邮电部北京设计院院长、党委书记，1997年7月至1999年12月任北京邮电大学党委书记，1999年12月任信息产业部北京邮电设计院院长、党委书记。

信息产业部北京邮电设计院 (Beijing Posts & Telecommunications Design Institute of MII)，国家工商局注册名称为中京邮电通信设计院，创建于1952年，是信息产业部直属的国家甲级咨询勘察设计单位，具有承担各种规模信息通信工程和通信局房建筑及民用建筑工程的规划、可行性研究、评估、勘察、设计、咨询、项目总承包和工程监理任务的资质，并具有对外经营权；业已通过ISO9001国际质量体系认证。

信息产业部北京邮电设计院专业设置配套，下设第一设计所(有线传输专业)、第二设计所(无线通信专业)、第三设计所(电信网络专业)、第四设计所(数据通信专业)、第五设计所(通信电源专业)、第六设计所(邮政通信与建筑专业)、建筑设计所(通信建筑专业)、第八设计所(信息化智能化专业)、第十设计所(电信枢纽及专用通信专业)、规划设计所、国际光缆系统工程技术支援中心、通

信专业数字地图应用中心，直属公司有煜金桥通信建设监理咨询有限公司(甲级)、中京南方信息工程有限公司、中京网佳科技有限公司、中京信通信息咨询有限公司等；具有先进的技术装备及办公自动化设施。技术力量雄厚，教授级高级工程师、高级工程师和工程师占技术人员总数的70%以上，其中有全国设计大师2人、一级注册建筑师6人、一级注册结构师7人、注册监理工程师16人(其中全国监理工程师11人，邮电监理工程师10人、注册咨询师10人和一些我国信息通信行业的知名专家。至2000年，全院共有11人次获国家及部级有突出贡献专家称号，有42人次获政府特殊津贴。

信息产业部北京邮电设计院是信息通信建设领域最主要的技术支持单位之一。多年来，充分发挥在人才、技术上的优势，为中国信息通信网络的建设发展提供了有力的技术支持和保障，先后完成了一大批全国性的通信骨干网工程和新技术首例工程的设计任务。包括京九广、京津沪等全国光缆干线工程和中日、中美国际光缆、亚欧光缆工程；全国移动通信网工程，全国长途交换工程、全国7号信令工程、全国智能网工程；中国数据通信的骨干网工程、全国IP电话网工程；中国电信 CHINANET 骨干网工程；中国联通 CDMA 工程；中国网通高速互连网工程；中国吉通金桥信息网络工程；全国电信和邮政枢纽楼工程和大量的省内干线工程等。其中获国家级优秀设计奖16项，优质工程奖3项，部级科技进步奖42项，优秀工程设计奖47项，优质工程奖3项，优秀工程咨询奖4项；还承担和完成了《数字移动电话工程设计暂行规定》、《公用分组交换数据网工程设计规范》、《智能网工程设计暂行规定》、《会议电

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视工程设计规范》、《中国计算机互联网工程设计规范》、《光缆自动监测系统规范》、《电信楼智能化管理设计标准》、《城市建筑及小区规划内通信设施设计标准》、《工业企业通信设计规范》、《邮电建筑防火设计标准》等国家和原邮电部有关通信工程设计标准规范的编制修订和管理工作。信息产业部北京邮电设计院的先进技术、人才实力与优质服务赢得了主管部门和业主的赞誉。

信息产业部北京邮电设计院在作好国内信息通信设计市场的同时,对外加强横向联合,开展多渠道、多领域的合作,积极投身国际市场,尤其是在我国加入WTO后,参与国际竞争。不断向国际化、

综合化、实业化的方向发展。目前作为咨询、设计、总承包单位,我院参与了多项国际工程的投标,取得了一定的成绩。

面向二十一世纪,面对电信体制的改革,面临激烈的市场竞争,我们将抓住工程勘察设计全行业发展契机,围绕市场需求,“以创新求发展、优化咨询设计、以质量求信誉、服务用户满意”,始终保持走在信息通信技术发展的最前沿,朝着信息通信核心网络智能化方向努力,不断优质完成信息通信网络的各项工程设计。

质量方针“以创新求发展、优化咨询设计、以质量求信誉、服务用户满意”。

Beijing Posts & Telecommunications Design Institute of MII

BDI, which has also been registered at CSICAB (China State Industrial & Commercial Administration Bureau) as “Sinoking P&T Design Institute”, is an affiliation of MII.

BDI is a top-grade organization at State level in the field of Information & Telecom engineering prospect, design and consultation. The BDI businesses cover Planning, Feasibility Study, Evaluation, Prospect Engineering Design, Digitalized Precise Map, Advisory & Consultation, “Turn-Key” Project Engineering Supervision Services in Information Technology, Posts and Communications, Building & Architecture Areas, including Transmission, Wireless, Telecom Network, Data Communication, Power Supply and Automation, Computer and Enterprise Network, Information & Telecom Center Building, Private Networks, Posts Automation, and Posts Building, Telecom Building and Civilian Building, Information and Telecom Technology. It also provides services of Information & Telecom Engineering Super-

vision and Advisory.

Approved by the Ministry of Foreign Trade & Economic Co-operation, BDI has the privilege to develop overseas business including international co-operations.

Further truths concerning BDI's strength are

BDI is the 38th of the top-100 best organizations/enterprises in the China's engineering prospect & design circle;

BDI has the Certificate of ISO9001 International Quality System;

BDI is the founder and a standing organization of the Telecommunication Committee of “China Engineering Construction Standardization Association”;

BDI is invited by “China International Engineering Consultant Corporation” to verify the “Feasibility Study Reports” of large/major engineering projects;

BDI has advanced facilities to support engineering design activities;

BDI has a qualified professional team

More than 70% of professional staffs are senior engineers and professor level senior engineers. Many of them are well-known experts in China's IT & Telecom circles;

In the "Building & Architecture" area, BDI has 6 licensed 1st grade architects and 7 licensed 1st grade structural engineers;

BDI has 11 experts who have been granted the title of "Outstanding Contribution Expert" at State or Ministry level; and 42 experts have got special subsidy from government.

BDI's major achievements

BDI has fulfilled quite a number of nationwide Telecom and Information backbone network engineering designs, "the First Example of New Technology Implementation" engineering designs as well as international Telecom engineering designs. The related projects are mainly as below.

Nationwide and international Optical Fiber Backbone Network engineering projects ("Beijing—Jiujiang—Guangzhou" project, "Beijing—Tianjin—Shanghai" project, international "Asia—Europe" project, etc.);

International Submarine Optical Fiber Cable engineering projects ("Sino—Japan" Submarine Optical Fiber Cable engineering project, "Sino—U.S." Submarine Optical Fiber Cable engineering project, etc.);

Nationwide Mobile Telecom Network engineering projects;

Nationwide SPC Toll Switching Network engineering projects;

Nationwide No.7 CCS Network engineering projects;

Nationwide IN engineering projects;

National Information Security engineering projects;

CHINAPAC Backbone Network engineering projects;

CHINANET (China Internet) Backbone Network engineering projects;

China Broadband Frame Relay Backbone engineering projects;

Nationwide IP Network and IP-phone Network engineering projects;

Nationwide "Provincial Telecom Hub Building" engineering projects (such as Beijing International Telecom



Building, Hefei Toll Hub Building 1&2, Nanning Toll Hub Building 1&2, Lanzhou Toll Hub Building 1&2, Haikou Toll Telecom Building, Hangzhou Toll Hub Building 2, Changsha Toll Hub Building 2, Taiyuan Telecom Hub Building, Beijing "Happiness Street" Telephone Exchange Building, Beijing West-Railway Station Post handling Center Building, etc.);

Inner Province Transmission Backbone Network engineering projects;

DWDM Optical Fiber Cable backbone Engineering project;

CDMA Engineering projects;

Nationwide ATM Network Engineering projects.

BDI has been granted Honours by State and Ministry including

State Level Prizes: 14 Excellent Design Prizes;

Ministry Level Prizes: 96 Prizes (Excellent Design Prizes and Science & Technology Progress Prizes).

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上海邮电设计院

上海邮电设计院成立于1990年8月,由原邮电部上海东方设计所、上海邮电设计所、上海市内电话设计所(部分)、中国海底电缆设计公司设计室和上海市长途电信局设计室等单位组建而成,被国家建设部批准为甲级设计院,可在全国范围内承担各种规模的通信工程设计任务。2002年初获得通信房屋建筑及民用建筑工程设计甲级资质,并具有工程总承包甲级资格和一级建筑装饰工程设计资格及智能化设计资质,同时被上海市科学技术委员会授予咨询证书,被上海国际技术合作协会授予《中华人民共和国经营资格证书》。

现任院长兼党委副书记李嘉麟,高级工程师。党委书记尹基道,高级政工师。副院长邹伟平,高级工程师。副院长朱一波,高级工程师。党委副书记兼工会主席陈志坚,高级政工师。

上海邮电设计院技术力量雄厚,专业设置齐全,技术装备先进。2001年底,全院职工214人,其中高级专业技术人员56人,中级专业技术人员73人,初级专业技术人员30人,专业技术人员占职工总数的74.3%,国家一级注册建筑师6名,一级注册结构师7名,二级注册建筑师2名。历年来,上海邮电设计院完成的工程设计中获国家级优秀设计奖3项、部级优秀设计奖22项、市级优秀设计奖1项、局级优秀设计奖64项;获部级科技进步奖2项,局级科技进步奖9项。

上海邮电设计院的业务范围主要包括电话交换、市话管线、光缆通信、微波通信、卫星通信、移动通信、网络规划、智能大楼、非话业务、通信电源、邮政通信、通信建筑房屋、通信铁塔等工程的规划、可行性研究、勘察、设计和工程总承包等,并可承担信息产业部下达的有关体制、标准、定额、规范等的研究编制任务。

上海邮电设计院由机关及专业室组成,机关由办公室、党委办公室、总工办兼质管办(包括电算室、档案情报室)、业务科、计财科、人教科及工会办公室组成,专业室由有线传输勘察设计院、无线传输勘察设计院、无线传输勘察设计院二室、交换勘察设计院、网络规划研究室、通信电源勘察设计院、电话管线勘察设计院、建筑勘察设计院、通信铁塔勘察设计院、邮政勘察设计院,还有一个承担工程总承包的直属三产公司申通公司(工程部)组成。

目前,上海邮电设计院已建立先进的企业内部计算机网络,院内拥有服务器2台,HP9000工作站和SUN工作站各1套,路由器3台,计算机280台,绘图仪5台,激光打印机32台,打印服务器7台,各类扫描仪、晒图机、工程复印机多台,并拥有无线网络规划设备等先进装备。全院计算机绘图率在95%以上。

上海邮电设计院从1990年8月组建至今业务发展很快,设计收入从当年不到300万元发展到今天的4100万元,平均每年增长31%,固定资产从150万元增加到1964万元,劳动生产率从1.7万元提高到19.16万元。建院以来完成设计工程的投资额200多亿元,完成工程设计项目8000多项。完成了上海固定电话网总容量680万门中约480万门的设计及相应配套的传输、电源、线路等工程的设计,完成上海移动、联通移动通信网约700万门的规划及设计,还参与了江苏、四川、山东等省的移动通信网的规划、设计工作,博得了用户单位的好评。上海邮电设计院的市场竞争力不断提高,从市场中赢得的项目占有所有项目的80%以上。

1998年底上海邮电设计院通过了ISO9001国际质量体系的认证;1997年、1998年、2000年被上海市建委评为上海市勘察设计公司综合成绩优异,其中1997年被列为上海市勘察设计公司综合实力第20名,1998年被列为上海市勘察设计公司综合实力第14名,2000年被列为上海市勘察设计公司综合实力第11名,2001年被列为上海市勘察设计公司综合实力第4名。1999年、2000年连续两次被评为上海市文明单位。2000年、2001年上海邮电设计院工会连续两次被评为“全国邮电模范之家”。1997年度至2000年度中,上海邮电设计院团总支三次被评为上海电信系统先进团组织,一次被评为上海电信系统表扬团组织。上海邮电设计院的两个文明建设取得了双丰收。

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Shanghai Posts and Telecommunications Design Institute

Shanghai Posts and Telecommunications Design Institute was co-established in August, 1990 by former Shanghai Oriental Design Bureau of former Ministry of Posts and Telecommunications, Shanghai Posts and Telecommunications Design Bureau, Part of Shanghai Local Call Design Bureau, China Submarine Cable Construction Company Design Office and Shanghai Long-distance Call Posts and Telecommunications Design Office. It was granted Class A Design Institute by China Ministry of Construction and can undertake various post engineering design tasks in the country. In early 2002, the institute secured Class A Qualifications for the design of post building and civil building construction. SPTDI also possesses qualifications like Class A turnkey contracting, Grade A construction decoration engineering design and intelligence design. The institute also won a consulting certificate from Shanghai Science and Technology Commission and a business qualification certificate of PRC from Shanghai International Technology Cooperation Association.

Current President as well as Vice-Secretary of Party Commission: Li Jialin, senior engineer. Party Secretary: Yin Jidao, senior engineer. Vice-President: Zou Weiping, senior engineer. Vice-President: Zhu Yibo, senior engineer. Vice-Secretary of Party Commission and Chairman of Labor Union: Chen Zhijian, senior engineer.

With its strong technological power, completed professional arrangement and advanced technical equipment, SPTDI had a staff member of 214 by the end of 2001, among which there were 56 senior professional technicians, 73 medium professional technicians, and 30 preliminary ones. Technicians take up 74.3% of the total staff. It also has 6 national Class A licensed architects, 7 Class A licensed structural engineers and 2 Class B licensed architects. Over the past years, SPTDI has won quite a number of prizes for excellent design and technical progress at national, ministerial, and municipal level.

The business of SPTDI covers a wide range of fields, including the planning of telephone transmission, local call cables, wireless communications, micro-wave communications, satellite communications, mobile, net planning, intelligence building, non-call business, communications power, posts and telecommunications, communication buildings and towers as well as feasibility research, survey, design, and turnkey contracting, etc. It can also fulfill tasks assigned by Chinese Ministry of Information Industry concerning the research and compilation of documents on mechanism, standardization, ration and specification.



中国航空工业规划设计研究院

CHINA AERONAUTICAL PROJECT AND DESIGN INSTITUTE

中国航空工业规划设计研究院成立于1951年,是国家甲级设计院,中国勘察设计公司综合实力百强之一。1984年获得硕士学位授予权,1992年首批获得对外经营权,后又获得对外工程承包权。1996年通过ISO9001质量认证。

我院现有工程技术人员1100人,其中有中国工程设计大师6人,研究员级高级工程师60余人,高级工程师360余人。我院在上海、珠海、厦门设有分院,在深圳、香港设有合资设计公司,在澳门设有独资设计公司。我院与国际上著名设计公司建立有业务关系。

我院业务范围包括航空工业和民用项目两大部分。其中民用工程设计包括城市规划,居住区规划设计,大型公共与民用建筑设计,室内设计,建筑结构,给排水,供暖与空调,建筑电气、建筑智能化设计,制药、轻工等行业的设计。以及工程咨询,工程总承包,工程监理,工程概预算,环境影响评价,环境污染防治,房地产开发等业务。我院还承接国外建筑设计,对外派遣设计、咨询和监理人员等业务。

我院获得过包括全国科技成就奖、国家科技进步特等奖、全国最佳优秀工程特奖、首届中国土木工程(詹天佑)大奖、全国优秀工程设计金奖在内的各种奖项。

我院几十年的工业设计优势是在大胆创新,科学总结,注重学习,反复实践的基础上形成的。同样,从我院民用建筑设计作品中也不难看出,中国科技馆、沈阳科学宫、黑龙江省科技馆正在科技博览建筑中独树一帜;芜湖体育中心、援外体育场馆、北航新校区、烟台师范学院在体育、文教建筑中崭露头角;深圳新世纪广场、深圳格兰云天大酒店、深圳云峰花园、北京麓鸣花园、北京太阳城在超高层建筑、居住区住宅规划设计方面推陈出新……我们不自喜于一时一地的中标,而是注重对建筑理念、表现手法、建筑技术的研究和把握,注重对历史、文化、环境、自然的研究与把握,注重这两方面的融合与交流,注重扬长趋利,以形成自己的风格和系列,还有精品。

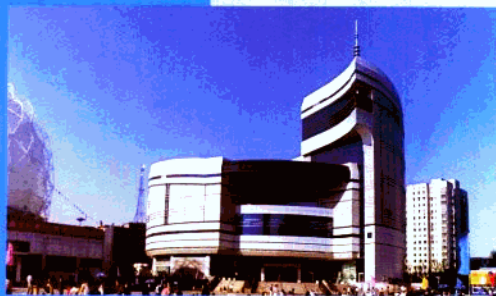
设计并非是设计院的全部内涵,中标也并非设计院的唯一目的。通过设计和投标,我们也在履行中国建筑师的一种社会责任,使中国的建筑走向世界,使中国的建筑成为世界建筑中的瑰宝。

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中国科技馆 China Science & Technology Museum



中国计量院实验基地
Test Base of National Institute of Metrology



深圳新世纪广场
New Century Plaza, Shenzhen

Founded in 1951, China Aeronautical Project and Design Institute (CAPDI) is a national Class A design institute and one of the top one hundred Chinese survey and design institutes with strong comprehensive strength. It was entitled to grant Master's degree in 1984, and authorized by the Ministry of Foreign Trade and Economic Cooperation to deal with international business in 1992, as well as contracting engineering projects with foreign countries thereafter. CAPDI won the Quality System Certificate (ISO9001) in 1996.

The institute has 1100 technical employees, among them 6 are national design masters, over 60 professor-level senior engineers and more than 360 senior engineers. It has established its subsidiaries in Shanghai, Zhuhai and Xiamen; joint ventures in Shenzhen, Hongkong; and sole proprietorship design company in Macau. The institute has wide business relations with many famous design companies in the world.

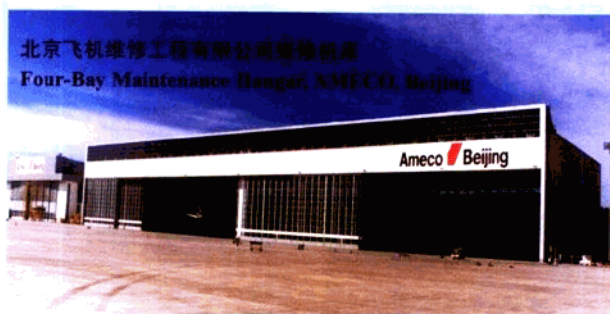
The business scope of CAPDI consists of two large parts: aero-industry and civil projects. Civil architecture design includes city planning, living quarter design & planning, large public and civil complex building design, interior design, building structure, water supply and drainage, heating, ventilation & air conditioning, electricity, engineering design of building automation and generic cabling systems, etc. It also conducts the design of pharmaceutical engineering and light industry, as well as engineering consulting, turnkey contracting, construction supervision, project cost estimation and bill of quantities pricing, environment impact assessment, environmental protection engineering and real estate development. Moreover, CAPDI can undertake architectural design and dispatch personnel of design, consulting and site supervision to the foreign countries.

The institute has won a lot of prizes, including the award of Top Ten national Sci-Tech Achievements, Top Prize of National Sci-Tech Improvement, Top Prize of Optimum Engineering Design, Top Prize of China First Civil Engineering Session (Zhan Tianyou), and Prizes of National Excellent Engineering Design.

The institute's superiority in the design of aero-industry facilities and other industries' facilities is formed for several decades through their hard working, bold innovations, scientific summarizing and continuous studies and practices. So many great achievements of the civil works, such as China Science and Technology Museum, Science Plaza of Shenyang, and Science & Technology Museum of Heilongjiang, fly their own colors in the museum architecture design of science and technology; Wuhu Olympic Sports Center, foreign-aid sports facilities, New Campus of Beijing University of Aeronautic and Astronautics and Yantai Normal College have shown designers' brilliant talents in architecture design for the sports, culture and education facilities; Shenzhen New Century Plaza, Shenzhen Grand Sky Light Hotel, Shenzhen Yunfeng Garden, Beijing Luming Garden, Beijing Sun City (the Luxury Apartments for Senior Citizens) have all displayed their new faces in the planning and design of high-rise buildings and living quarters.

We are not complacent in what we have achieved in bid winning, but give great attention to architecture concept, expression form, research and handling of architecture technology as well as to studies and handling of history, culture, environment and nature. We lay stress on the merging and exchanging of the two aspects to promote our advantages and benefit ourselves, so as to create our own style, series and fine works.

Designing is not all the contents of CAPDI, nor bid winning the sole purpose of the institute. Maybe we can say we are successful only when we construct the environment by designs, when works of CAPDI, and the Chinese modern architecture at large have attracted world-wide attention.



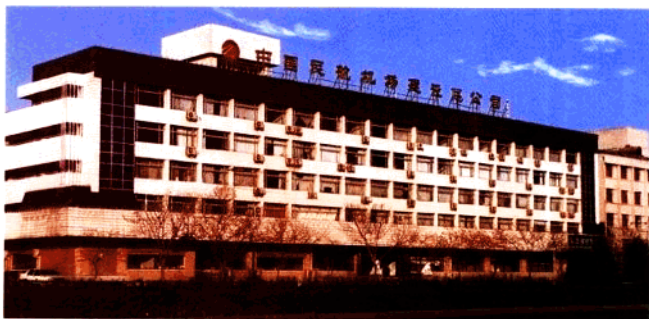
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中国民航机场建设总公司

中国民航机场建设总公司暨中国民航机场规划设计研究总院及其前身始建于1954年,是国内基建行业唯一能够为民航机场建设提供全过程服务,具有甲级工程设计、甲级工程咨询、甲级建设监理和甲级工程总承包资质的国有独资企业。总公司已建立健全的质量保证体系,并于2000年通过了GB/T19001---ISO9001质量体系认证。

在近50年的发展历程中,总公司先后承担了全国70余个新(扩)建大中型机场工程的选址、预可研、可研、总平面规划及设计,完成了10余个机场及民用建筑的工程监理,完成了近10个机场的工程承包任务,创造了一批国家及省部级优秀工程设计项目并获得多项国家及省部级科技进步奖。



目前总公司拥有一支专业配套、结构合理、功能齐全、经验丰富的专业技术队伍,可同时承担多个大中型高等级机场的选址、总体规划、预可研、可研和民用航空机场工程及航管工程、建筑工程设计、以及机场工程总承包、技术咨询、工程设计监理和工程建设监理等服务。



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三个月完成首都机场东跑道改造工程

Fully Complete the Renovation Project of Capital Airport East Runway in 3 months

在首都机场东跑道改造工程中,首次采用世界上最先进的沥青砼技术——沥青玛蹄脂碎石混合物(SMA)及PE+SBS综合改性沥青技术设计了第一条平整度高、舒适性强的沥青砼加罩跑道,提高了跑道道面的使用寿命和摩擦系数,改善了沥青道面的高温稳定性和抗低温缩裂性,技术手段达到了国际先进水平。此项技术成果已通过民航总局鉴定,并获得了“1998年度民航局科技进步一等奖”和“国家科技进步二等奖”。

In the reconstruction project of East Runway of Beijing Capital Airport, CACC adopted the most advanced asphalt overlay technology for the first time——SMA and PE+SBS, designing the first asphalt overlay runway of sound smoothness and comfort. This technology, reaching the advanced level in the world, improves significantly the service life of the runway, lower the friction and protect the runway from extremely high and low temperature. This technology has passed the technical approval of CAAC and won the first prize of CAAC Science and Technology Development Award in 1998 and the second prize of the State Science and Technology Development Award.

China Airport Construction Corporation of CAAC

China Airport Construction Corporation of CAAC (CACC) as well as Airport Planning Research and Design Institute of CAAC was founded in 1954, which is the state-owned enterprise directly under CAAC. CACC is the only enterprise which provides services covering the whole process of civil airport construction and is rated a "Grade-A" enterprise in civil airport design, consulting, supervision and turn-key projects. CACC has established the Quality Assurance System and was granted GB/T19001- ISO9001 Quality System Certification in 2000.

During the development period of nearly 50 years, CACC has completed over 70 new construction or expanded large and medium-sized airport projects nationwide ranging from site- selection, pre-feasibility study, feasibility study, master plan and design, more than 10 airports and civil engineering supervision projects and nearly 10 airports turn-key projects. CACC has created a series of excellent projects and won a number of national or provincial level Science and Technology development Awards.

Up to now, CACC owns a team of specialized technicians with full set of technologies, reasonable structure, full function and rich experiences. Therefore, it can provide all kinds of services in airport construction field from site selection to turn-key project.



建成后的贵阳龙洞堡机场停机坪及跑道

The Fully Constructed Apron and Runway of Guiyang Longdongbao Airport

在贵阳龙洞堡机场工程设计中, 采用大块石填筑地基处理技术, 攻克了在复杂地质条件下修建大中型机场的许多技术难题, 并达到国际技术标准, 在机场工程的技术难度处理上积累了丰富的经验。此项技术获“国家科技进步三等奖”和“1997年度民航局科技进步一等奖”。

In the engineering design project of Guiyang Longdongbao Airport, CACC adopted the technology of filling big stones in the ground base and cracked many hard technological nuts concerning large and medium sized airport under a complicated geological situation. This technology, reaching international standard, won the third prize of the State Science and Technology Development Award and the first prize of CAAC Science and Technology Development Award in 1997.

北京市勘察设计院

北京市勘察设计院建于1955年,是建设部综合甲级大型岩土工程勘察、基础设计和工程咨询单位,拥有国家级勘察大师3名和一批享受政府津贴的国内一流专家,资产近亿元。在建设部勘察系统率先通过ISO9001国际质量体系认证,是全国注册岩土工程师考题设计与评分顾问组组长及专家组常务副组长单位,中国土木工程学会土力学及岩土工程分会理事长单位。先后被政府有关部门评为全国工程勘察先进单位、中国勘察设计综合实力百强单位、首都突出贡献先进集体、首都文明单位标兵、重合同守信誉单位。

北京市勘察设计院以其多年丰富有效的工程经验、持续缜密的应用研究和先进的计算机应用系统为依托,形成了独创性的系列技术特色:计算机信息和专家系统、高低层建筑地基与基础协同作用分析、地下水对建筑地基影响分析和评价技术,地震反应分析与建筑场地地震安全性分析,部分技术研究成果居国内领先或国际先进水平。主编和参编多部工程勘察的国家、行业以及北京市地方性专业技术标准。

建院46年来,每年平均承接各类工程任务600~800项,拥有工程勘察资料达6万余套,仅北京地区即涉及56万余个钻孔及相关测试数据。这些宝贵的技术资源已通过“北京工程地质信息系统”加以安全存储、高效管理和开发利用。目前已完成建筑工程项目近30000个,市政基础设施工程项目达3000余个,取得了可观的经济效益和令人瞩目的社会效益。通过出色、优质的专业服务,解决了大量工程难题,加快了工程进度,为国家或建设单位节约了巨额建设资金,先后有130多项次获国家、部、市级科技进步奖、建设部优秀工程勘察奖和国家优秀工程勘察金、银、铜奖。企业的科技创新能力和市场竞争能力在国内同行业中名列前茅,创造了工程勘察成果的名牌形象。

近年来,北京市勘察设计院以其优秀的工程质量和全面的技术服务,在中国工商银行总部、中银大厦、北京东方广场、国家大剧院、北京LG大厦等很多重大建设项目中与美国、法国、加拿大、日本、韩国、新加坡等国家和香港地区的30余家国际著名设计公司进行了良好和持续的合作,例如Skidmore, Owings & Merrill LLP(SOM)、Palmer & Turner International Ltd.、RTKL Associates和B+W等,为中国工程勘察走向世界积极努力。

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北京四元桥及四环路
Beijing Siyuan Overhead Crossings and the 4th Ring Road (As geotechnical investigator)



中国工商银行总部
Headquarters of ICBC (National Silver Quality Prize)
As geotechnical and differential settlement consultant



北京东方广场
Beijing Oriental Plaza (National Silver Quality Prize)
As geotechnical and differential settlement consultant