



TCDPAP FOCUS

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From Secretary General's Desk

The past 12 months have been both eventful and sad in the TCDPAP community. Eventful because the level of interaction is increasing:

- The Annual Conference of TCDPAP titled “*Development of Knowledge Infrastructure: Role of Consultants*”, in New Delhi from 11 to 13 October, 2004 where we had a record participation. Hon'ble President of India Dr. A.P.J. Abdul Kalam inaugurated the Conference.
- Singapore joined TCDPAP as its new member. We welcome them to the TCDPAP family.
- TCDPAP actively supported the 2-day regional seminar organized by the BACE, held in Dhaka on March 2 & 3, 2005.
- The Secretariat organized an ISO training Programme in Bangladesh and assisted Bangladesh Consultants Ltd in getting ISO 9001:2000 quality certification.

The year has been sad because on December 26, 2004 this region was struck by Tsunami, the worst natural disaster experienced in our lifetime. It showed how unprepared the countries in the region were to forewarn the residents and holidaymakers on the calm Sunday morning. It came unexpectedly and swept away into the sea hundreds of thousands of unwary people from at least a dozen countries – the countries most affected were Indonesia, Srilanka, India and Thailand.

In life, the horrific and sublime go together. Along with deep sorrow and loss, hope reigns eternal in the human imagination. And in that hope lies the bond in the community of TCDPAP countries to forge closer ties to help each other through thick and thin. The member countries also joined in the outpouring of sympathy and offered to help in whatever way they could.

During the Annual TCDPAP conference, the meetings of General Council and Executive Committee were also held. I am happy to inform that Consultancy Development Centre (CDC) would continue as the Secretariat of TCDPAP for a further of period of 4 years. Mr. Mahbub Haque, President, BACE, Bangladesh was elected as the President of TCDPAP, along with Mr. Kristiya Kartika, President, INKINDO, Indonesia and Mr. Zaheer Mirza, President, ACEP, Pakistan as the Vice Presidents. Our Congratulations to them!

The next Annual Conference of TCDPAP is planned to be held in Srilanka in November/December 2005. We look forward to meet again with all the consultants and consulting firms of TCDPAP member countries.

Somenath Ghosh

TCDPAP International Conference on "Development of Knowledge Infrastructure: Role of Consultants" at New Delhi, India from 11-13 October, 2004

A Report

The TCDPAP International Conference was organized by Consultancy Development Centre (CDC), the TCDPAP Secretariat from 11-13 October, 2004 at the Stein Auditorium, India Habitat Centre, Lodhi Road, New Delhi. The International Conference was supported by Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India both financially as well as in terms of technical input. The other collaborating organizations were UN-ESCAP, APCTT, Ministry of Statistics & Programme Implementation, Govt. of India and Department of Commerce, Ministry of Commerce & Industry, Govt. of India.



Inaugural Session – TCDPAP Conference at New Delhi

The main objective of the International Conference was to highlight the crucial role of Knowledge Infrastructure in sustaining and promoting the economic and social development of economies of countries, particularly in developing countries.

The Conference was inaugurated by Dr. A.P.J. Abdul Kalam, Hon'ble President of India on 12th October, 2004. 9 Member Countries of the TCDPAP attended the Conference. About 475 delegates from India and abroad from various organizations including consulting, industry, government departments, public sector undertakings, academic and financial

institutions, international organizations, etc., including 55 foreign delegates participated in the three day deliberations. Participation was from TCDPAP member countries, viz., Bangladesh, China, Indonesia, Korea, Malaysia, Nepal, Pakistan, Srilanka & Vietnam and also from non TCDPAP member countries like Azerbaijan, Mauritius, Singapore, Turkey, Australia and Thailand. *Singapore has recently joined as new member of TCDPAP.*

On this occasion "National Awards for Excellence in Consultancy Services-2004" were also presented by the Chief Guest. In his inaugural address at the Conference, Hon'ble President while welcoming the Delegates from India as well as other countries stressed upon the need of competitiveness and that the key factor in the transformation of a developing country to a developed country, is the competitiveness factor. He further emphasized that competitiveness as per his Law of Development is function of cost, quality and just in time. He also mentioned that knowledge infrastructure need not be limited to urban areas but need to be extended to rural areas for the overall development. He stressed upon the need for development of physical connectivity, electronic internet connectivity and knowledge connectivity, which will ultimately lead to economic connectivity. In his concluding remarks he mentioned that the role of consultants is very important in this whole process.

The Keynote address was given by Dr. R.A. Mashelkar, Secretary, DSIR & Director General, CSIR, Govt. of India. He congratulated CDC for organizing the Conference and in his key note address commented that in the present knowledge driven economy there is a paradigm shift in the knowledge content of a product/service from residual level to being a key driver. Moreover, the present level of functioning is changing from strategy-structure-

system to purpose-process-people approach and this provides a very large opportunity for consultants to offer their expertise in the process of building knowledge infrastructure.

Topics

The following topics were covered in the Conference:

- Core areas in Knowledge Infrastructure
 - Public Systems; Industry; Health Services
- Technology Management
 - Knowledge Development and Sharing; IPR; Knowledge Intensive consulting
- Knowledge Infrastructure
 - Perspectives in Knowledge Infrastructure; Role of Consultants in Knowledge Infrastructure; Knowledge Management through Networking
- Key areas in Knowledge Infrastructure
 - Human Resources Capabilities; Information & Communication Technologies; Knowledge Institutions
- Case studies in Knowledge Infrastructure
 - Sectors : Social , Industry, Service

5 Technical sessions and 4 Plenary Sessions were organized in order to encourage policy makers to react to the deliberations and suggest workable options for future action.

The Valedictory address was given by Shri Kapil Sibal, Hon'ble Minister of State (Independent Charge) for Science & Technology and Ocean Development, Govt. of India.

The Conference was followed by a Half-day sight seeing tour on 13th October, 2004 and One-Day Tour of Agra for the Foreign Delegates on 14th October, 2004. During the Conference various Spousal programmes were also organized. A GALA Dinner along with cultural programme was organized on the evening of 12th October, 2004 at the India Habitat Lawns, Lodhi Road, New Delhi.



Hon'ble President of India delivering the Inaugural Address

ISO PROJECT IN BANGLADESH

Consultancy Development Centre (CDC) has recently facilitated Bangladesh Consultants Ltd., Dhaka, Bangladesh for the certification to ISO 9001:2000 QMS.

The certification process started during June, 2004 and the organization has been successfully certified as ISO 9001:2000 during 30-31st October, 2004 by DNV (the Certification Agency Det Norske Veritas, The Netherlands)



DNV Auditors during the closing meeting of Certification audit of Bangladesh Consultants Ltd.

4th Meeting of General Council and 5th Meeting of Executive Committee of TCDPAP at New Delhi, India on 11th October, 2004

Salient Points

- Mr. Mahbub Haque then Vice President, TCDPAP appreciated CDC, the TCDPAP Secretariat for organizing the conference in an excellent manner and in making the event a grand success and the number of activities initiated by the Secretariat during the last few years.



EC & GC Meetings of TCDPAP held at New Delhi

- Mr Somenath Ghosh, Secretary General, TCDPAP presented his report on the activities undertaken by the Secretariat during the last two years. Secretary General emphasized the need for greater coordination and networking among consultants in the region and the necessity of funds mobilization for carrying out the activities of TCDPAP effectively. The highlights of the report are as follows:

- The Chairman, CDC and Secretary General TCDPAP undertook visits to five member countries of TCDPAP in addition to non-members Thailand and Singapore. The Associations of Consulting Engineers of Thailand and Singapore respectively have shown keen interest in the activities of

TCDPAP and are interested to become its members.

- **Database of Consultants:** The need for a database of consultants in the Asia Pacific region was felt unequivocally by all members present. INKINDO mentioned that in Indonesia they are required to follow CPC classification. However, some of the other members mentioned that they would like to follow the DACON/DICON system used by multilateral funding agencies, e.g., ADB, World Bank. It was felt that either there could be a uniform structure of the database for the entire region; or each member association developed and maintained its own country database and the TCDPAP website develops a search engine that would search for information across the member associations' databases. Mr Richard Kell, President FIDIC felt that the second approach would be more appropriate and commented that FIDIC too planned to follow a similar strategy. It was decided that the TCDPAP Secretariat would consider the pros and cons of both these approaches and circulate to all member associations for their feedback.
- **Training:** The Secretariat has taken various initiatives in conducting training programmes on subjects of interest to consultants. In the past two years Secretariat has coordinated the programmes on Integration of ISO 9000 & ISO 14000 that were conducted in various member countries. In addition the Secretariat has conducted 3 training programmes – in India, Nepal and Bali. This was appreciated by the members. The Secretary General highlighted the need for expanding the training activities for which support from all the member countries is required.

- **TCDPAP Website:** The TCDPAP Secretariat has prepared a Conference website www.cdc.org.in/tcdpap to manage the various activities of Conference. Salient features of the same were demonstrated. It was felt that similar model can be used to manage future conferences in various member countries.
- **TCDPAP Focus:** The Secretary General requested all the member countries to send articles/ information/ programmes related to consultancy activities/ projects executed which could be included in the future issues of the "TCDPAP Focus".

- Mr Kristiya Kartika, President, INKINDO, Indonesia
- Mr Zaheer Mirza, President, ACEP, Pakistan

Executive Committee Members:

The newly elected President informed the Committee members about the selection of members to the Executive Committee. The General Council authorised President to take necessary steps in this regard.

● **Review of Memorandum of Establishment of TCDPAP:**

As no progress has been made by the committee that was constituted for the purpose in Bali, mainly due to the absence of any designated convener, the General Council advised the Committee to nominate a convener from among the Committee members who would coordinate with the members of the Committee and the Secretariat. The Committee was requested to submit its report to the President so that the same could be discussed in the next meeting of the Executive Committee.

● **Membership Drive for TCDPAP:**

The General Council appreciated the efforts put in by the Secretariat by visiting various countries of the region to enlist new members of TCDPAP and suggested that similar drive should continue in future also.

● **Election of New Office Bearers (2004-2008) of TCDPAP**

President: The house unanimously elected Mr Mahbub Haque, President, BACE, Bangladesh as the President of TCDPAP for the next 4 years (2004-2008).

Vice-Presidents:

The house also unanimously elected the following two to the office of the Vice-Presidents for 2004-8:

● **TCDPAP Secretariat:**

The General Council appreciated the role played by Consultancy Development Centre, New Delhi as the Secretariat of TCDPAP during the last eight years and unanimously recommended the continuation of CDC as the Secretariat of TCDPAP for a further period of 4 years till year 2008 with no change of conditions and responsibilities as existing.

● Mr Richard Kell, President FIDIC appreciated the idea of doing Joint Programmes with TCDPAP but recommended that FIDIC has developed good material on various modules relevant to consultancy which can be used for conducting programmes. The Executive Committee recommended that TCDPAP Secretariat should organize such programmes in various member countries and other programs relevant to countries in particular.

● The Secretary General mentioned CDC publication on Consultancy Business Opportunities circulated on a daily basis to all member consultants of CDC. The Executive Committee recommended that efforts should be made in compiling such consultancy business opportunities in Asia Pacific Region for circulation among Focal points of TCDPAP. The Executive Committee suggested that the Secretariat should explore opportunities for doing studies among various countries of the region, which can be funded by Bilateral/ Multilateral Agencies.

PROMOTIONAL VISITS – A REPORT

Report on visits to Jakarta, Singapore, Kuala Lumpur, Bangkok, Hanoi, Seoul and Beijing to promote TCDPAP activities and TCDPAP Conference

Dr. Uddesh Kohli, Chairman, CDC visited the following countries between 8th - 17th August, 2004

Jakarta (August 8-10, 2004)

Meetings were held with Chairman, Secretary General and other office bearers of National Association of Indonesian Consultants (INKINDO) and some of its chapters. Meeting were also held with officials of the Ministry of Infrastructure.

Singapore (11th August, 2004)

Meetings were held with Officials from Building and Construction Authority, Professional Engineers Board in Singapore and Association of Consulting Engineers, Singapore (ACES). In all these meetings, presentations were made on the TCDPAP, its role and functions, role of CDC and the details of TCDPAP Conference. As Singapore is not yet member of TCDPAP, it was suggested that ACES should join TCDPAP.

Kuala Lumpur, Malaysia (12-13 August, 2004)

Meetings were held with Professional Services Development Corporation (PSDC) and Association of Consulting Engineers Malaysia (ACEM). The presentations were made on the activities of TCDPAP as well as on the various aspects of the Conference. It was pointed out that PSDC has already entered into an MOU with CDC. Full support from PSDC was expressed to promote the Conference among their members.

Bangkok (15-17 August, 2004)

ESCAP

The Secretariat had meetings with the ESCAP officials. During which the background of TCDPAP was explained. It was pointed out that TCDPAP was born out of initiative of UN-ESCAP and various associations

of consultants in the region. In the first meeting with the Programme and TC Division, the officials pointed out that their role was more of considering the programmes proposed by the divisions and hence the support from concerned division would be necessary. They also indicated that due to funds constraint, there was little possibility of providing travel or any other support.

In the second meeting with the Chief and other official of the Information, Communication, Space Technology Division, it was observed that following the restructuring and reorganization in ESCAP, the earlier Technology and Industry Division, which had promoted TCDPAP, had now completely changed and the new ICST division does not have engineering consultancy as one of its area of operation. In the Third Meeting with the Chief of Trade Efficiency and Facilitating Section, it pointed out that engineering consultancy is emerging as a major thrust area in the international trade.

CEAT, Thailand

Meetings were held with Secretary General and other officials of Consulting Engineers Association of Thailand (CEAT). CEAT showed interest in the activities of TCDPAP and also showed interest towards becoming member of TCDPAP.

The Focal Point of TCDPAP in India, Mr. Raj Kumar, Adviser DSIR, and Mr. Somenath Ghosh, Secretary General, TCDPAP and Director General, CDC visited the following countries between 22 - 30 August, 2004.

Hanoi, Vietnam (Aug. 22 to 24 2004)

Secretary General, TCDPAP had successful meeting with Vietnam Engineering Consultant Association (VECAS). VECAS is interested in collaborating with CDC for assistance in training programs in many areas,

including Project Management and Quality (ISO 9000, 14000, etc.). VECAS is also interested in conducting joint studies in areas of interest.

Meetings were also held with Consultants Designers & Constructors Corporation (CDC), Construction Informatics Corporation (CIC), Vietnam National Consultant Corporation for Industrial & Urban Construction (VNCC), Vietnam Water Sanitation and Environment Corp. (VIWASE), Ministry of Construction, Transport Engineering and Design Incorporated (TEDI), Vietnam Posts and Telecom Corp. (VNPT), Hanoi Design and Consulting Company (HADECON), Vietnam Railways Investment and Construction Consultant Company (VRICCC) and Vietnam Chamber of Commerce and Industry (VCCI). A seminar was also organized by VECAS that was attended by about 30 professionals.

Seoul, Korea (Aug. 25 to 26 2004)

Successful meetings were held with officials of Korea Engineering & Consulting Association (KENCA) and also Ministry of Science & Technology (MoST) and showed interest in developing close cooperation in the areas of IT, Bio-technology and Nano-technology.

Meetings were also held with Moon Engineering Co. Ltd. (ME). ME is a typical high-tech Design and R&D organization. They were consultants for the telecommunication system for Seoul's International Airport. They also provide Design and R&D services to telecom majors in Korea and other countries.

Beijing, China (Aug. 27 to 30 2004)

China National Association of Engineering Consultants (CNAEC)

Secretary General, TCDPAP had successful meetings with China National Association of Engineering Consultants (CNAEC). A non-governmental professional organization registered as a national public juridical association in the Ministry of Civil Affairs. It consists of engineering consulting organizations, Registered Consulting Engineers, and individual experts, scholars who have rich consulting and management experience in the field of engineering, technology and economy. CNAEC suggested that we develop Mutual Recognition of Engineers within the

TCDPAP countries.

Secretary General, TCDPAP Secretariat also had successful meetings with the following organizations:

China Power Engineering Consulting Corp. (CPECC)

CPECC is a Power Engineering Consulting company. In 2002 ENR of US listed CPECC as one of top 150 Global Design Firms. CPECC's principal focus is Electric Power development planning, survey, design, consulting, supervision, general contracting of power generation, transmission and substation projects, project financing and construction management.

Beijing North Star Photogrammetry Technical Consulting Co. Ltd. (NSC)

Aerial Photogrammetry is an aerial and satellite based imaging technique that was first demonstrated during the Iraq war in 1990. Using this technology NSC is able to design optimal routing of transmission lines and location of transmission towers using 3D imaging. NSC is one of the group companies of CPECC.

China Consulting Association (CCA)

CCA was established in April 2003 and is registered with the Ministry of Civil Affairs. Its motto is "Objectiveness, Science, Innovation". Its members are organizations and individuals from various disciplines including engineering, management, quality, legal, etc. There are currently about 150 members.

Research Institute of Petroleum Processing (RIPP)

RIPP, a subsidiary of China Petroleum & Chemical Corp. (SINOPEC), is a large and comprehensive scientific R&D institution set up in 1956, engaged mainly in applied research in oil refining technologies and petrochemical processing.

Conclusion :

In all these meetings, presentations were made on the TCDPAP, its role and functions, and the details of TCDPAP Conference. The visits to the all countries have been quite useful in establishing contacts and generating interest in the TCDPAP Conference and other activities. It is expected that the interaction would help in networking on a continuing basis.

Knowledge Infrastructure and Training of Consulting Engineers

Paper by

**Mr. Zhang Hengsheng, GM, North China Power Engineering Co. Ltd., China
China National Association of Engineering Consultants**

at

TCDPAP International Conference New Delhi, India

With human society stepping into the era of knowledge economy, the importance of the capacity innovation is far more prominent than in any other periods. Innovation has become not only the essence for the survival and development of an enterprise, but also the momentum pushing the society forward. Under such circumstances, sound and advanced knowledge infrastructure is undoubtedly the guarantee to maintain the social innovation system. In other words, knowledge infrastructure is the crucial symbol of competitiveness as well as the indispensable condition for modern society.

Knowledge and learning-based intellectuals are at the core of knowledge infrastructure. Consulting engineers who are engaged in serving project constructions with knowledge and experience should form a special group among such intellectuals: they are not only components in the operation of knowledge infrastructure, but also the designer and builder. Ever since industrial revolution, consulting engineers have made historic contributions to the construction of material infrastructure, such as, electricity, transportation and communication. So it is certain that in knowledge economy era, they can still exert their superiority in putting forward sophisticated solutions for the construction and operation of knowledge infrastructure. This will be a mission for consulting engineers entrusted by the age. Moreover, this will be the big challenge and opportunity for engineering consulting profession to maintain sustainable development in the new era.

China's engineering consulting profession emerges late. It has a short history and there is a distinct gap relative to international level. As a developing country, Chinese consulting engineers mainly lag behind in knowledge, skills and experience:

Ideas lagging behind. Quite a number of consulting engineers have been shifted from planned economy. Traditionally, they emphasize technology but not marketing. Their idea for market exploration is much less and not quite adaptable to the fierce competition.

Lack of international experience. Chinese engineering consulting institutions are not conducting much overseas business. Most consulting engineers work on domestic projects, and lack overseas working experience.

Unbalanced knowledge structure. Chinese old higher educational system followed the pattern of former Soviet Union, and majors are much too specific and narrow. As a result, Chinese consulting engineers have less study and practice on economy, commerce, law, management, etc, though they are quite skilled in their major.

Language problem. Generally speaking, Chinese engineers' English level is not that high. This limits their communications with foreign partners, thereby missing the opportunity of expanding further cooperation.

Facing with the challenges brought by economic globalization and new technology revolution, Chinese consulting engineers should firstly accelerate updating knowledge structure and ideas, so as to meet the need of knowledge economy. Therefore, the responsibility of China National Association of Engineering Consultants (CNAEC) is first of all to help facilitate the whole profession to focus on study and training. We (CNAEC) will regard this as the most important work for improving the quality of the Chinese engineers and speeding up the capacity building of engineering consulting.

What we have been working are mainly as follows:

I. Establish and promote practicing qualification system for registered consulting engineers

On the proactive initiation of China National Association of Engineering Consultants, the Chinese Government has decided by the end of 2001 to establish practicing qualification system for registered consulting engineers on the basis of qualification authentication for consulting companies. The promotion of the system in China are mainly based on the following four aspects:

First. To implement admission system for the key post of special technology in engineering consultancy. This is to ensure the high-level and qualified experts can go into the market to do business so as to lower the social risk.

Second. To emphasise personal responsibility, both the individual and his company will be responsible for the consulting performance to improve investment benefit.

Third. To initiate an institutionalized Continued Professional Development (CPD) program, Consultants are urged to update their knowledge and improve their qualities continuously to keep close step with the times.

Four. To create opportunities for Chinese consulting engineers going international to communicate and work with international colleagues.

The practicing qualification for registered consulting engineers is normally awarded after examination. However, for those senior experts who have undertaken engineering consulting service for a long time, their qualification can be acquired through evaluation under strict conditions and programs, but not exam.

Conditions for authentication review of practicing qualification certificate are:

- Number of years at senior position in engineering consulting profession.
- Academic degree at College level or above in engineering technology or economy
- Experience and duration in engineering consulting or relevant field

- Merits of project performance of which he is mainly responsible

The authentication review is only limited to a small number of people and done for once only. Most engineering consultants need to pass the exam to acquire the certificate. Subjects involve current knowledge such as engineering consulting business, relevant government policies and regulations on economic construction and important development plans, organization and management of projects as well as methods and operating business of project consultancy. CNAEC takes charge of organizing experts to write syllabus and teaching materials and compiling the questions in the exam. The exam is nationwide and once a year with the approval of Chinese government.

II Bring CPD into the practicing qualification system for registered consulting engineers.

It's clearly stated in the system that the registered engineers must receive no less than 120 hours' CPD in three years valid for a registration. Among them, 40 hours are taken in compulsory courses and the rest 80 hours are for elective courses. The compulsory courses compiled by CNAEC mainly focus on macroscopic, policy-oriented, perspective and current aspects. In contrast, the elective courses written or recommended by some professional institutions aim to perfect individual knowledge structure and upgrade capacity.

CPD will be carried out in various ways:

- Participate in international engineering consulting trainings, seminars and forums.
- Attend the courses held by FTC (the training center run by FIDIC, Tsinghua University and CNAEC) and some other Universities and colleges both in China and abroad.
- Publish books and theses on engineering consultancy.
- Undertake studies on specific topics of engineering consultancy.
- Compile and emend textbooks for the examination and CPD materials for national registered consulting engineers (investment), and participate in review and edit the examination questions.

Engineers should take lessons to learn compulsory courses. After finishing the required learning hours, they can arrange their time to choose the CPD course on their own according to their work and personal need. The CPD organizing units should have qualified teaching staff and appropriate facilities. Furthermore, they need to register and test the engineers attending and guarantee the teaching quality and effect.

III Establish a training system to fully implement the CPD teaching plan.

Improve the capacity of consulting engineers in an all-round way, which depends, on one hand, on their own consciousness and persistence, and on the other hand, on establishing and perfecting the CPD educational system to efficiently carry out training service. This will not only promote the engineers to acquire and grasp new knowledge, but is also a routine responsibility for us as a professional organization.

Therefore we have mainly adopt the following measures:

- Establish a national CPD network which links with authentication, registration and management of registered consulting engineers. Unify teaching materials and exam criterion. Organize the training courses for the teachers. Utilize national teaching resources to help the engineers attend the courses as nearby them as possible.
- Activate associations and committees at all levels. Mobilize social resources extensively. Develop comprehensive and multi-level training in engineering consulting business. The first level is basic training (pre-practicing education), including training on basic business knowledge, professional code of ethics and conduct criteria for the newcomers. The second level is to organize specific professional business training, according to the requirements of development of the industry. For example, open training courses on market investigation and prediction to push the engineering consulting units to strengthen and deepen their market study in decision-making of the projects. Another

example is to hold courses on system of quality control to make the trainees fully understood on ISO9000 family standards, thereby further promoting the setup of this system in engineering consulting profession. The third level is to hold non-periodically senior seminars on some hot issues and hard questions of the profession, so as to guide and promote their business development through learning, communications, and discussion. In the meantime, the regional associations and special professional committees undertake different kinds of training courses.

Intensify cooperation with FIDIC and domestic first-class universities so as to cultivate senior staff to meet the need of modern construction and international market competition. The first pilot project is the foundation of FTC (FIDIC-Tsinghua university-CNAEC) training center. And it is the first training center ever built by FIDIC across the world. It aims at cultivating and improving the competitiveness of engineers and project managers in China as well as in the Asia Pacific Region in order to make them to be fully competent in international engineering consultancy and project management.

The features of the center are:

- High starting point. International authorities and first-class experts are invited to teach in the center.
- New content. Closely follow the step of the updated development of international engineering consulting business and theories. Emphasize training on practical capability.
- Severe requirements. Implement strict selection and assessment procedures.

At present, continued professional education system for Chinese consulting engineers is just at the first phase with obvious Chinese characteristics and of interim nature. With time passing on and the deepening of systematical reform, the CPD will be gradually perfected, and finally will enter the virtuous cycle of operation, achieve greater success. And we are going to make unremitting efforts toward this aim.

Seminar on “Challenges of Emerging International Competition in Consulting Industry: Networking Regional Synergies” from March 02-04 at Dhaka, Bangladesh

A Report

A 2-day regional seminar was held in Dhaka on 02-03 March 2005. The seminar was organized by BACE- Bangladesh Association of Consulting Engineers, in collaboration with TCDPAP Secretariat at CDC. A post-seminar technical tour to the 4.8 km long Jamuna Bridge was offered on 04 March. The event attracted participants from India, Pakistan and Singapore, besides the host country Bangladesh. Quite a few who were interested to participate from Indonesia, Nepal and Sri Lanka could not join due to tsunami, flight cancellation and or visa difficulty.

The Seminar saw participation of about 300 from professionals and businessmen from Bangladesh, India, Pakistan, Singapore, FIDIC. Mr. Richard A. Kell, President FIDIC was the Chief Guest of the seminar.

The home-grown consulting industry in the region is expected to be severely impacted by globalization, having to face unequal competition from the large international practices, which have unmatched resources. The seminar was aimed at encouraging cooperation and networking among the members of the consulting industry of the region to draw strength from their complimentary expertise and skill and pool their resources for a larger collective benefit. It was pointed out at the seminar that the Asia Pacific is fastest growing region in the world and would see investment in infrastructure in trillions of dollars with enormous opportunities in consulting services in the next 20 years, and concluded that the countries of the region should build up their capabilities to handle the task ahead.

It was proposed that the countries of the region cooperate by:

- offering training in the fields where a country may hold an edge,
- exchanging data and experience,
- exchanging information on forthcoming projects, and
- including firms of the region in the short-lists for consulting services.

Towards this end, the TCDPAP was identified as the vehicle for cooperation. It was proposed that TCDPAP be utilized for preparing and launching a website which would contain a data base of consulting firms, available experts and relevant training institutions of the region. It was also proposed that a delegation of TCDPAP should visit the member countries to spread the message.



Inaugural Session of the BACE Seminar

THE NEXT ANNUAL TCDPAP CONFERENCE TO BE HELD IN SRILANKA

The Next Annual TCDPAP Conference is being organized jointly by the Association of Consulting Engineers, Sri Lanka (ACESL) and CDC, the TCDPAP Secretariat, New Delhi, India and is scheduled to be held during November-December 2005 in Colombo, Srilanka with the theme "*Challenges of Engineering Consultancy in the Asia-Pacific Region*" along with the 6th Executive Committee Meeting of TCDPAP.

The conference will include Country presentations, Presentations from eminent speakers on the theme, Case studies, Panel Discussions etc. The conference is planned for 2 ½ to 3 days including meeting of the Executive Committee of TCDPAP. It will be followed by post-conference tour of duration 1 day. The final dates and other details will be intimated very shortly.

EXECUTIVE COMMITTEE MEMBERS OF TCDPAP (2004-2008)

The new Executive Committee members of TCDPAP for 2004-2008 are as follows:

- Mr. Somenath Ghosh, Secretary General, TCDPAP, India
- Mr. Mahbub Haque, President TCDPAP & President, BACE, Bangladesh
- Mr. Zaheer Mirza, Vice President, TCDPAP and President, ACEP, Pakistan
- Mr. Kristiya Kartika, Vice President, TCDPAP and President, INKINDO, Indonesia
- Dr. Judin Abdul Karim, Director, PSDC, Malaysia
- Mr. Nguyen Canh Chat, Secretary General, VECAS, Vietnam
- Mr. Keshav Kunwar, President, SCAEF, Nepal
- Mr. W.M.S.C. Piyadasa, President, Association of Consulting Engineers, Srilanka
- Mr. Woo-Jeong Lee, Chairman, KENCA, Korea

ATTENTION CONSULTANTS !!

LIVE TENDERS OF YOUR INTEREST IN YOUR MAIL BOX

Consultancy Development Centre (CDC) is forwarding live tenders, expression of interests and events related to consulting industry (both local and global) through its electronic newsletter namely "**Consultancy Business Opportunities**" (**CBO**), for last 2 years to its members. Due to overwhelming response from the consulting fraternity, we would like to extend this service to the consultants operating from abroad against a nominal subscription in order to meet the operative expenses. The tender information is also stored in CDC website which is accessible through individual username and password being allotted to the subscribers.

Annual Subscription : US \$ 100

Subscription shall be by way of **Demand Draft** in favour of "Consultancy Development Centre" at New Delhi, India
(OR)

Bank Transfer in favour of "Consultancy Development Centre"
Current Account No: 1, Swift Code No: BARBINBBNND
Bank of Baroda, Extension Counter, Air Force Bal Bharti School, Lodhi Road,
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