



OCTOBER 2024

CONSULTING ENGINEERS ASSOCIATION OF INDIA - NEWSLETTER

www.ceai.org.in

Creating Value Ethically for Engineers

FROM THE

PRESIDENT'S DESK



IN THIS

ISSUE

Dear Members and Friends,

Trust that you all had a bright and joyful Diwali with your families and friends. CEAI Members and other professionals, clients, contractors, vendors etc. are also a part of our extended family since they are our daily work contacts. On behalf of CEAI, I wish all very prosperous times ahead.

Talking of the future there is need to look at the ramifications of wide spread construction. Their effects are enormous since they affect the environment and MOTHER EARTH has to bear all the negative aspects caused by the rampant concentrated urbanization, indiscrete felling of trees, reduction of green cover, reclamation or blockage of water bodies, rivers, streams, nallahs, coastal areas, etc. In just the construction of roads and bridges alone, millions of cubic metres of soil and rock are being consumed every year. While infrastructure development is necessary it must be done in a responsible and sustainable manner so that only the bare minimum quantities of new materials are used. It must also be ensured that what is constructed is durable and will be fit for the purpose intended during its design service life albeit with regular and proper maintenance. Taking a cue from the constructions done centuries ago, the road surface pavings should last for a decade or so and the structures for a century. Some of the areas that need to be addressed are mentioned below.

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Creating Value Ethically for Engineers

While widening the roads, the existing crust should be recycled to the extent possible and the balance used in secondary construction works. It has been noticed that while widening of roads, most of the existing bridges and culverts even those which are just 20-30 years old are dismantled and reconstructed. That cannot be considered as judicious use of public funds. In a seminar recently organized by CEAI a mention was made that in our country the average life of bridges is less than 35 years; that is truly alarming.

Most of the highway projects since the past decade are being constructed in EPC or HAM mode in which the contractor/concessionaire prepares the designs and drawings. The goal is to economise the cost and also speed up construction. However, it has been observed that the time periods assigned for carrying out and checking the designs drawings and carrying out the construction are not adequate to enable proper quality outputs.

There is a strong need for carrying out regular checks and audits of the design and construction as well as of the construction done in the last two decades or so to assess their remaining life and where necessary take measures to prolong it.

There is also the alarming trend of low tenders being submitted - at 20% to 40% below the estimated cost. This matter has been talked about many times but positive action to stem them needs to be taken and implemented post haste. When the estimated costs are prepared based on accepted methods of costing and also considering the market rates it is necessary to know as to whether the quantities assessed are proper or the rates considered are high. The quality of design and construction should both be closely monitored, checked and certified by deploying the requisite manpower. Reports in the media point to a large number of structures failing during construction itself leave alone short service life. For the latter, if the structures are not durable, the result could be disastrous.

Digitalisation, deployment of IoT and providing sensors – embedded or on surface can go a long way to monitor construction quality and the performance during the service life of the infrastructure that is constructed. The additional investment will go a long way in ensuring the requisite quality and thus the design service life of the built infrastructure. All the same the supervision should be proper. The estimated time of completion should be realistic so that quality is not compromised at any stage. Ultimately it is the country's name that is at stake.

For the works to be robust, reliable, sustainable, and fit for purpose for their design service life it is important to that durability and maintainability also be parameters and not just financial economy. Normally while working out the life cycle cost the design service life is taken as 100 years. An analysis should also be done that if the design service life is just 50 years, then what will be the financial burden – direct and indirect in the future when structures become unusable in say just around 30-50 years. A cue should be taken from the other countries where they are being hard put to replace/ rebuild their crumbling infrastructure.


A one-day Conference on was held on “*Recent Development of Laws and their Impact in Construction Industry*” by the CEAI- Western Region on 18th October 2024 at Taj President, Mumbai, which was welcomed by the participants who were seeking encapsulated updates.

The SEPC-CEAI Global Services Export Conclave on “*Design, Engineering, Construction, Space, Energy (incl. Nuclear) and Defence*” in which CEAI was a partner was held on the 29th of October at Hotel Le Meridien, New Delhi. It was very well attended and appreciated.

CEAI Awards 2024 have also been announced. All are requested to participate and showcase their projects and the countries achievements.

Elections for the Governing Council for the term 2025 – 2026 have also been announced. Interested members are requested to file their nominations by 4:00 pm of 15-11-2024.

Warm regards,



R S Sharma

CONFERENCE ON “RECENT DEVELOPMENT OF LAWS AND THEIR IMPACT IN CONSTRUCTION INDUSTRY”, 18TH OCTOBER 2024, MUMBAI

The CEAI-Western Region Centre had organised a Conference on “*Recent Development Of Laws And Their Impact In Construction Industry*”, 18th October 2024, at the Taj President in Mumbai.

Dr. Harshavardah Subbarao, Member CEAI Governing Council and Chairman CEAI-WRC welcomed the Chief Guest, the Distinguished Guest, the speakers and the participants and gave a brief about CEAI and its functioning. He then informed the gathering of the timely demise of Mr. Jeffrey Nambiar which was the Hon. Secretary & Treasurer of CEAI-WRC and requested for a minute silence to pay respect to the departed soul.

Thereafter he invited the dignitaries to light the lamp after which the Chief Guest Hon’ble Justice (Retd) R. Y Ganoo, Former Judge Bombay High Court gave his address. He stressed on the need to keep abreast of the laws as they develop so as not to be caught off guard. He also informed that a Circular had been issued by the Ministry of Finance, Government of India on the 3rd June 2024 on the subject of “Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement” which limits arbitration to disputes with a value less than Rs. 10 crores. That he said would change the remediation scenario.

Mr. Parimal K Shroff, Proprietor, M/s. Parimal K Shroff, Advocates and Solicitors was the Distinguished Guest and while dwelling on the “*Scope and Future of Arbitration in Construction Contracts*” on account of the increasing complexity and interdependence of various services for construction works he inter alia emphasised that design engineers must be conversant with contracts and the laws that govern them so that they know exactly what their responsibilities are and that they should keep those in mind while performing their job. The same applies to the engineers at the work sites He then reiterated that the MoF, GoI circular of 3rd June 2024 will affect arbitration in a big manner and was not really in keeping with what GOI had earlier desired that India be an International Arbitration hub like Singapore, etc. He added that the two would need to be reconciled.

Dr. Milind Wankhede, Legal Advisor, Construction Contracts & Arbitration Law, Adjunct Professor, IIT Bombay, Member Core Committee, CEAI-WRC spoke on the “*Types of Construction Disputes and the Best Practices for an Effective Resolution*”. He dealt with the causes (facts) that lead to disputes, the types of disputes, the remedial measures to avoid some of the disputes, etc. He then covered the various stages of the dispute about the case of termination which arose between the Dehi Metro Rail Corporation and the Delhi Airport Metro Express Private Ltd.

Ms. Shwetha Bidhuri, Director & Head South Asia, Singapore International Arbitration Centre (SIAC) talked on “*Institutional Arbitration for Construction Disputes*”. She spoke of the current global, regional and local growth areas and the sectors for growth in the construction industry; what distinguishes construction arbitration; common causes of construction disputes;

why arbitration is the norm for construction disputes; the considerations for drafting arbitration clause; and why Institutional Arbitration is preferred. She went on to talk about SIAC's expertise and experience and the Emergency Arbitration and the SIAC procedure and its benefits.

Mr. Aditya Gupte, Partner, Tuli & Co. dwelt on "*Recent Judgments on Loss of Profit - Government's Guidelines for Arbitrating High Value Disputes*". He set the context by explaining Sec 73: Compensation for loss or damage caused by breach of contract and explained with reference to some cases. He then moved on to the formulae used for determining the compensation such as the Hudson Formula, the Emden Formula and the Eichleay Formula and explained with reference to a few cases. He went on to say that the solution lay in pleading and proving the claim. He then explained the Guidelines for Arbitration and Mediation in Contracts of Domestic Public Procurement issued by the Ministry of Finance, Government of India in June 2024.

Mr. Rohit S Mishra, Senior Manager-Legal, TATA Consulting Engineers Limited covered "*Extension of Time, Prolongation Costs & Compensation*". He presented the data on the expected growth of the Indian construction industry primarily by Green Energy Projects, Road, Rail & Housing Projects. However, along with that there has been an increase in disputes due to delays in projects as per the data of the Ministry of Statics and Programme Implementation, Government of India. He then covered Extension of Time, Prolongation Cost, and the Claims & Compensation that arise on account of them. He explained Extension of Time, Damages for Delay, Compensation issue as per the Indian Contract Act and showed some judicial interpretations of the recent past.

Mr. Ayush Banka, Senior Consultant, Osborne Partners expanded on "*Quantification of Claims and Damages - Proving Project Costs and Damages*" very succinctly explained what damages are as per English Law, what can be claimed, the role of an expert in an arbitration, and that the assessment is to be reliable and persuasive. He recapitulated the distinctive features of the construction sector and explained the accounting process for costs and the sources available for working on that. He moved on to discuss as to how much evidentiary support is enough, how a company's structure and operations affect the working and thus the case. He also dealt with the three formulae for overhead allocation of cost and termination payment.

Thereafter there was a Panel discussion moderated by Mr. Amrit Singh, Partner, Tuli & Co. The Panel Members were Dr Milind Wankhede, Mr. Ayush Banka, Mr. Aditya Gupte and Mr. Rohit S Mishra. They summed up all that was discussed by the various speakers and elaborated where the need arose.

Mr. A P Mull, Member CEAI Governing Council and Co-Chairman CEAI-WRC thanked the dignitaries, the speakers, the select audience, the vendors, and Taj President for enabling the conference.



Dr. Harshavardhan Subbarao, Chairman CEAI-WRC giving the Welcome Address



On the dais: (L to R): Dr. Milind Wankhede, Mr. A P Mull, Hon'ble Justice (Retd) R. Y Ganoo, Mr. Rajat Taimni, and Mr. Parimal K Shroff



Chief Guest Hon'ble Justice (Retd) R. Y Ganoo
Former Judge Bombay High Court addressing the
Conference,



Distinguished Guest
Mr. Parimal K Shroff
Proprietor, M/s. Parimal K Shroff,
Advocates and Solicitors



Dr. Milind Wankhede
Legal Advisor, Construction Contracts &
Arbitration Law, Adjunct Professor, IIT Bombay,
Member Core Committee, CEAI-WRC



Ms. Shwetha Bidhuri
Director & Head South Asia, Singapore
International Arbitration Centre



Mr. Aditya Gupte
Partner
Tuli & Co.



Mr. Rohit Mishra
Senior Manager-Legal
TATA Consulting Engineers Limited



Mr. Ayush Banka
Senior Consultant, Osborne Partners



Panel Discussion Members:
Mr. Amrit Singh, Mr. Rohit S Mishra
Mr. Ayush Banka, Dr Milind Wankhede, and Mr.
Aditya Gupte.



L to R: Mr. Amrit Singh, Mr. Aditya Gupte, Ms. Shweta Bidhuri, Dr Harshavardhan Subbarao, Mr. A P Mull, Mr. Parimal K Shroff, Hon'ble Justice (Retd) R. Y Ganoo, Dr Milind Wankhede, and Mr. Rohit Mishra



View of the Audience

GLOBAL SERVICES EXPORT CONCLAVE ON “DESIGN, ENGINEERING, CONSTRUCTION, R&D AND ENVIRONMENT SERVICES”, 9th & 10th NOVEMBER 2024 NEW DELHI

The conclave was conducted on 29th Oct 2024 at Le Meridien Hotel, New Delhi by SEPC and CEAI with an objective to grow the potential of Indian players in export of services on global platform, the conclave targeted to explore:

- Target Markets, Sectors & Services
- Current Opportunities and Future outlook
- Business Development efforts required
- Expected Government Support in expanding the footprint of Indian Players
- Emerging Global Business Opportunities for Indian companies in consultancy services funded by Multilateral funding Agencies (for Overseas Opportunities)
- India's differentiated offering for Global markets
- Experiences, Issues and Challenges, Risks & Mitigation and Doing Business in Global Environment

The conclave was structured into four sessions in hybrid mode in which key officials from various Ministries, Indian Ambassadors to various countries, diplomats, representatives from the World Bank, Asian Development Bank, Industry Experts and Eminent Speakers participated.

Inaugural Session:

Mr R S Sharma President CEAI, extended his warm welcome to the Chief Guest, Dr Senthil Nathan S, Director, Ministry of Commerce and Industry; Mr Amit Sharma- Design & Engineering Services Head in SEPC and Managing Director, TCE; Dr Abhay Sinha, Director General, SEPC and Mr J V L Narayana, Vice President CEAI. Mr R S Sharma highlighted the collaborative efforts of CEAI and SEPC and emphasised the role of CEAI in creating quality and ethical value amongst engineers. Mr Sharma stressed the need and importance to work in the key areas emphasised by Hon'ble Minister of Commerce & Industry.

Addressing the conclave in the inaugural session, Chief Guest, Mr Senthil Nathan S, Director, Ministry of Commerce and Industry highlighted that India's services exports are set to overtake manufacturing exports by the end of the decade. This transformation, he added, is fuelled by manufacturing itself becoming more service oriented with AI, IoT and 3D printing revolutionising production processes and enabling us to compete globally. Elaborating further

on the strength of service exports, Mr. Nathan said that through the right efforts to skill and reskill, our economy can not only close skill gaps but also set a new benchmark in engineering efficiency. “It can help to drive India’s exports and global standing. Our future is engineered, from the homes we live in to the roads we travel. These silent background minds make life happen, delivering ease of living, through invisible engineers. He is of the firm opinion that by building right synergies between government, industry, and educational institutions we can make our talent pipeline over one and a half million engineers annually – and building a workforce ready to shape the next wave of innovation.

Affirming his views, Mr Amit Sharma stated that India is witnessing a thriving services export economy driven by engineering services, which have generated an estimated \$34 billion, growing at 15%. The consulting services are also expanding at an impressive 25%, showcasing expertise in energy transition and supply chain resilience. Lauding India’s engineering and scientific achievements, Mr Amit Sharma said that milestones such as the success of Chandrayaan 3 highlight the country’s capabilities. Mr Amit Sharma also added that India is well-positioned to align its strengths with global demand. The growth of this sector and the dedication of our engineers and innovators promise a bright future where India continues to set new standards in engineering and innovation worldwide and he hoped we will continue having such gatherings to pave the way forward.

Dr Abhay Sinha, Director General, SEPC added that India's services exports have shown remarkable growth, rising from \$325 billion in 2022-23 to an estimated \$341 billion in 2023-24. Noting how the engineering services sector has made a vital contribution, increasing from \$31 billion to \$35 billion within the same period, he said the sector is projected to grow further, potentially reaching \$100 billion by 2030 if a CAGR of 18% is maintained. The focus on engineering, design, construction, and R&D will be crucial in harnessing these opportunities. He added that SEPC-CEAI are looking forward to the industry and the ministries coming together to focus on opportunities like expos that focus on capturing new emerging markets.



Chief Guest, Dr Senthil Nathan S, Director, Ministry of Commerce and Industry is lighting the lamp to inaugurate the event.



Mr R S Sharma President CEAI & Mr Amit Sharma- Design & Engineering Services Head in SEPC and Managing Director, lighting the lamp.



Dr Abhay Sinha, Director General, SEPC and Mr J V L Narayana, Vice President CEAI, lighting the lamp.



Mr R S Sharma, President CEAI gave the welcome address.



Dr Abhay Sinha, Director General, SEPC setting the context for the conclave.



Mr Amit Sharma- Design & Engineering Services Head in SEPC and Managing Director, TCE, gave formal address and highlighted the country's capability & expanding scope of consultancy services.



Dr Senthil Nathan S, Director, Ministry of Commerce and Industry, addressed the conclave and highlighted that India's service exports are set to overtake manufacturing exports.



Mr Amit Sharma is presenting a bouquet to Dr Senthil Nathan S.

Session -1: Oceania & NEA region (focused countries: Australia; Japan; New Zealand)

The take-aways from this session included opportunities for Indian players in energy transition, carbon neutrality, growth of infrastructure, supply chain transition, opportunities to Indian players due to China and global dynamics. The panellist brought of the fact that SEPC-CEAI through Ministry of Commerce and Industry can help grow the footprint of Indian players by branding services in the region such as One India Pavilion etc and emphasising the capability and expertise of India players in Consulting engineering services. It was also emphasised that smaller countries in the region have Engineer's Bill whereas such a bill is non-existence in India and the session emphasised the immediate need to escalate to GOI such requirement. The World Bank is investing in the nations of pacific islands and there are ample opportunities to Indian players in design, engineering, project management activities in infrastructure development in the region which can be tapped by the Indian players by collaborating with local firms and governments.



Panellist:

Ms Sneha Redla-Vice President, Aarvee Associates, Mr. Biswajit Bhattacharya Business Head - Mining and Metal – TCE, Mr. Rajesh Rohatgi Infrastructure Program Leader - World Bank Asia Pacific

In the backdrop:

Mr. Manish Dabkara Chairman & MD, EKI Energy Services Ltd. Dr. Dhiraj Kumar Singh Managing Director, GRC India



Mr. Rajesh Rohatgi Infrastructure Program Leader - World Bank Asia Pacific, responding to the question raised by a participant.

Session-2: ASIA & CIS region (focused countries: Indonesia; Kazakhstan Philippines; Uzbekistan; Vietnam)

Vietnam and India have reinforced their bilateral relationship which has resulted in preference to Indian firms and big opportunities in Railways, Metro, High Speed Rail, Airport expansion, Deep Seaports, Roads, Industrial Parks and Smarts Cities. Vietnam is heavily investing on the infrastructure including improvising the water and wastewater facilities. With improved connectivity and the opportunities to India players have developed in recent past. There is a great need to capture the market and SEPC-CEAI through GOI can ensure the greater participation of Indian firms in the country. ADB has huge investment plan for Philippines in infrastructure including the expansion of Metro, Rail, Ports, Highways and Urban Development. The participation of Indian players was fewer earlier however has recently

started increasing. The working environment is quite good for India players and efforts are to be made to brand Indian companies which are cost effective when compared to European or American companies. Uzbekistan being an Uranium rich country can help India in sustaining

its nuclear power plant and help achieve its electrification targets. Uzbekistan is a prosperous destination for investment in areas of infrastructure for better regional connectivity which can help India to increase its trade exports. Based on the recent bilateral treaties between both countries, areas of cooperation and opportunities for Indian service sector in expansion of infrastructure are found to be good and sustainable. Post Covid, Indian exports of generic drugs to central Asia taken a considerable growth. The expansion of Indian pharmaceutical industry in the country looks promising. ABD opportunities in the region have been presented which shows promising growth platform for the Indian Players.



Panellist:

Mr. Amit Sharma, MD, TCE, Dr. Madan Mohan Sethi Consulate General of India, Ho Chi Minh City, Vietnam, Mr. Pankaj Gupta Managing Partner, Roark Consulting Engineers LLP, Mr. Anil Prakash Director General, Satcom Industry Association (SIA India), Mr. M. Shyam Sunder Mehndiratta Senior procurement Officer, ADB – India, Mr. Pavit Ramachandran Country Director for Philippines, ADB – India- in the backdrop



Audience at the time of session 2

Session-3: AFRICA & GCC Region

The Ambassador, Embassy of India, Riyadh, Saudi Arabia - H. E Dr Suhel Ajaz Khan in his video message highlighted the growing opportunities for Indian industry in the GCC Region. With recent strengthening of bilateral trade between GCC countries and India, the opportunities in Oil, Gas, Refineries, Power, Infrastructure, Railways/Metros sectors are showing promising growth opportunities for Indian firms in the region. While Africa continues to be investment destination in infrastructure, health, Water resources, Drinking Water Supply, Sanitation and Energy sectors there is risk of securing projects, repatriation of funds, tax issues etc. Indian firms should work as a group to secure projects and form consortium to provide end to end services and construction in the region. Indian players should be able to identify bankable projects in the region and deliver the services in collaboration with local governments and local consultants to ensure complete project cycle in the region.



Panellist:
 Mr. JVL Narayana, VP – CEAI, Mr. Shivank Garg Founder Director, Kaizen Steel Building Solutions Pvt. Ltd, Mr. Ram Sharma Assistant General Manager, Shapoorji Pallonji EPC & Mr. S. K. Puri Executive Director, ICT
 Mr. Faizi Mohsini CEO & Managing Director, GEMS Gulf, UAE in the backdrop



Panellist:
 Mr. JVL Narayana, VP – CEAI, Mr. Shivank Garg Founder Director, Kaizen Steel Building Solutions Pvt. Ltd, Mr. Ram Sharma Assistant General Manager, Shapoorji Pallonji EPC & Mr. S. K. Puri Executive Director, ICT

Session 4: LAC, NAFTA & EU region

The sessions have brought out many opportunities to Indian players in Chile, Brazil, Argentina Peru and other LAC counties. These include mining, metals such as copper, food processing, infrastructure and medical facilities. Trade with LAC countries have considerably increased in the recent past and LAC offers many opportunities which are untapped by Indian players as emphasised by H.E. Dinesh Bhatia, Ambassador, Embassy of India, Argentina and H.E. Ms. Abhilasha Joshi, Ambassador, Embassy of India, Santiago, Chile. The Ambassadors collectively emphasised and welcomed SEPC-CEAI initiatives and expressed their keen support to encourage and provide necessary assistance to increase the footprint of India players in the region. Space technology is another area which has growing demand for India players in Denmark and Indian firms in collaboration Danish players can make a significant contribution to increase their exports. GOI support to MSME in space technology was clearly emphasized as one of the outcome of the session.



Panellist:
 Abhay Sinha, Director General-SEPC, Mr. Chandan Sinha Associate Director & Planning Lead, AECOM India Private Limited, Mr. Sethu SAVEDA Suvanam Founder and CEO, ReOrbit OY

In the backdrop:
 H.E. Manish Prabhat Ambassador, Embassy of India, Denmark, Mr. Naga Bharath Daka Co-Founder, Skyroot Aerospace



Panellist:
 Abhay Sinha, Director General-SEPC, Mr. Chandan Sinha Associate Director & Planning Lead, AECOM India Private Limited, Mr. Sethu SAVEDA Suvanam Founder and CEO, ReOrbit OY

In the backdrop:
 H.E. Manish Prabhat Ambassador, Embassy of India, Denmark, Mr. Naga Bharath Daka Co-Founder, Skyroot

Aerospace & H.E. Ms. Abhilasha Joshi Ambassador,
 Embassy of India, Santiago, Chile



Mr. A. S. Brara CEAI, GC alongwith a session code penellist



Mr. JVL Narayana, Vice President – CEAI, sharing a
 takeaway from the conference.

Conclusion:

The event encompassed the differentiated value India brings to the global stage, examining opportunities, challenges, and risks associated with international growth, alongside practical insights for expanding business footprints across diverse markets. With the above take-aways SEPC-CEAI will prepare a roadmap on branding service industry and intend to organize a global conclave outside India to promote service industry.

FROM THE DIRECTOR'S DESK

During the month of October 2024, CEAI conducted the following meetings:

- Environment and Sustainability Committee Meeting on 15th October 2024
- Seminar & Events Committee Meeting 17th October 2024
- FIDIC Committee Meeting on 17th October 2024
- Foundation Committee Meeting on 17th October 2024
- Ethics and Quality Committee (2023-2024) Meeting on 23rd October 2024
- Steering Committee Meeting of CEAI Academy on 25th October 2024

New Appointments:

- Mr. Dinkar Bhatt joined CEAI as Assistant Manager on October 14, 2024.
- Ms. Aarti has been appointed as Director of CEAI Academy and will officially join the team in November 2024.

FORTHCOMING EVENTS OF CEAI

Annual Conference of FAP – 18th to 20th November 2024 at Kathmandu, Nepal

FIDIC Asia Pacific Annual Conference 2024 is scheduled to be held from 18-20 November 2024 at Kathmandu, Nepal. The conference will be hosted by the FIDIC Member Association – Society of Consulting Architectural and Engineering Firms (SCAEF), Nepal. The theme of the Conference is **“Governance for Climate Shocks”**.

CEAI NATIONAL AWARDS 2024

The award committee has announced an extension of the submission deadline to November 15, 2024.

Awards Categories:

For Organisations:

1. Excellence in Engineering Consultancy Services (separate awards for two groups based on average turnover in consultancy services over the last 3 years)
 - Group 1: Up to ₹50 crores
 - Group 2: Above ₹50 crores
 - **Categories:**
 - Category A: Excellence in Project Engineering
 - Category B: Excellence in Engineering Innovation

For Individuals:

1. Achievement Awards in Consultancy Services
 - **Categories:**
 - Category A: Excellence in Project Engineering
 - Category B: Excellence in Engineering Innovation

Nomination Details:

- Open to all organisations and professionals, regardless of CEAI membership
- Last date for receipt of nominations: November 15, 2024

ELECTION TO THE GOVERNING COUNCIL 2025 - 2026

Notice has been issued for inviting nominations for the Governing Council Election 2025- 2026 of the Consulting Engineers Association of India. The last date for submission of nomination is 15th November 2024 by 4:00 pm.

MEMBER NEWS

Rehabilitation of Vidyasagar Setu, Kolkata

The Vidyasagar Setu was a creation by the famed designer late Dr. Jorg Schlaich. It is a high-level cable-stayed bridge across River Hooghly in Kolkata, which was opened to traffic in 1993, and while it was being designed, it was the longest Cable-stayed bridge in the world and is still acclaimed as a pioneer structure in terms of many of its design features.

The rehabilitation work on the bridge to keep it fit for service was started in 2022. Mr. Amitabha Ghoshal, Past President CEAI is the Chairman of the Technical Advisory Group for the ongoing rehabilitation work of the bridge.

When Frau Eve Schlaich, the 88-year-old wife of the late Dr Jorg Schlaich, desired to visit it recently, Mr. Ghoshal arranged to take Frau Eve to the bridge with help from GPT Infrastructure, the JV partners of the agency now engaged on the bridge.

Frau Eve, had earlier been to Kolkata multiple times along with Dr Jorg, who used to spend long periods at the bridge design office and the site. This time she had come on a memory trip to pay tribute to her husband's passion in life.

Frau Eve with her younger son and daughter-in-law visited the bridge on 5th October 2024 and keenly inspected the bridge including the rivets by feeling them by hand to check whether they had loosened after 30 years of service.



Frau Eve checking rivets with her hands



Mr. Ghoshal explaining the tower anchorage



GPT Infrastructure personnel, Mr. Amitabha Ghoshal, Frau Eve and her son



Frau Eve, her son and daughter-in-law with Mr. & Mrs. Amitabha Ghoshal

VIEWPOINT

The theme for the December 2024 issue of CEAI's quarterly magazine "*ViewPoint*" is "*Recycling & Reuse of Building Materials in the Construction Industry*".

The December 2022 issue was on "*Circular Economy towards Sustainability*" hence this issue could be considered as a sequel to that.

Discussions and mandates based on sustainable considerations and to combat climate change are the norm. However, how much has really changed or in the process of being changed needs to be measured and tracked. While there is a tremendous amount of new construction being done there are also a very large number of facilities being dismantled and demolished. The questions that arise are -Is the dismantled and demolished materials a waste or can they be recycled and reused? The answer to both would be that a large quantum can be recycled and reused. The dismantled material could be used as is or modified for reuse. A lot of material if demolished carefully could be processed and reused. All permissions for re-construction or even new construction need to be mandated to do so. Some sectors could very easily and successfully utilise demolished material.

While the theme for this issue is Building Materials however, the same logic applies to all manufactured items as well. In the IT industry, while it is necessary for it to come up with new technology, but that should not make the older items or technology obsolete for a period of about 25-30 years. It should be possible to continue to use them or modify them for continued use.

A number of consulting engineers and smaller organisations are engaged in the works which address and adopt practices of sustainable development incorporating recycle and reuse of materials or could address the issue. Many do not receive the recognition they deserve since their works do not get publicized. CEAI's Viewpoint provides an opportunity to all those engaged in such activities to share case studies of their achievements, how they addressed the challenges faced, practical issues experienced and the solutions to those, etc. in the various disciplines of engineering. Photographs, charts, diagrams, drawings, etc. would benefit readers for a better appreciation of the issues encountered and the manner in which they were addressed.

The articles for an issue need to reach CEAI at least 3 weeks prior to the end of the month of the ViewPoint issue. Articles need to be in Times New Roman 12 with single line spacing with before and after 6 pt and normal margin, on A4 size. A recent clear and bright passport size photograph of the author(s) is to be sent along with the article. For details of formatting please refer to "*Format for Articles for CEAI Viewpoint*" on CEAI's website, under '*Publications*'.

We urge all Professionals to use CEAI's ViewPoint to showcase the capabilities and achievements of the Engineers in India plus educate and guide new engineers.

The themes for 2025 will be decided by the Publication Committee that will be formed after the new Governing Council is elected for the term 2025-2026.

The articles for an issue need to reach CEAI at least 3 weeks prior to the end of the month of the ViewPoint issue. Articles need to be in Times New Roman 12 with single line spacing with before and after 6 pt and normal margin, on A4 size. A recent clear and bright passport size photograph of the author(s) is to be sent along with the article. For details of formatting please refer to "*Format for Articles for CEAI Viewpoint*" on CEAI's website, under '*Publications*'.

Advertisement in ViewPoint

ViewPoint is circulated to all CEAI Members, FIDIC, Ministries of the Government of India, Public and private Sector Undertakings, Construction Firms, Contractors, Consultants, Foreign Missions and Funding Institutions in India and other organisations related to or dealing with the engineering profession. Thus, all stakeholders partnering development and progress are its readers.

Catch the Customers Eye

Get Wide Exposure

Improve Visibility



VIEWPOINT

Support from CEAI members and stakeholders are sought for increasing the number of advertisements so that ViewPoint gains in its stature as a unique Technical Publication for the fraternity and the public at large to spread information about how Consulting Engineers are helping society for improving the quality of life and doing so sustainably. The rates for advertisements in **VIEWPOINT** with effect from 1st January 2023 are given below:

Notes: *GST @ 5% or as prescribed will be added to the above rates.

Item	Rate Per issue* (Rs)	Discounted rate at 10% for 2 consecutive issues* (Rs)	Discounted rate at 20% for 4 consecutive issues* (Rs)
Back Cover	25,000.00	45,000.00	80,000.00
Inside Front Cover	18,000.00	32,400.00	57,600.00
Inside Back Cover	18,000.00	32,400.00	57,600.00
Full Page (Colour)	12,000.00	21,600.00	38,400.00
Full Page (Colour), if a specific page position is required	14,000.00	25,200.00	44,800.00
Full Page (B&W) (such advertisements will be taken up for printing only when there are 4 or multiple of 4 advertisements for an issue)	8,000.00	14,400.00	25,600.00

FIDIC PUBLICATIONS

Please contact CEAI Secretariat for availability and price.

1	FIDIC Contracts Guide (2 nd Ed. 2022)
2	EPC Turnkey Contract 2 nd Ed 2017 Silver Book Reprinted 2022 with amendments
3	Construction Contract 2 nd Ed 2017 Red Book, Reprinted 2022 with amendments
4	Plant & Design Build Contract 2 nd Ed 2017 Yellow Book, Reprinted 2022 with amendments
5	The Short Form of Contract (2 nd Edition, 2021)
6	Conditions of Contract for EPC Turnkey Projects (First Edition, 1999)
7	EPC/Turnkey Contract 2 nd Ed (2017 Silver Book)
8	Conditions of Contract for Construction (First Ed. 1999)
9	Construction Contract 2 nd Ed (2017 Red Book)
10	Conditions of Contract for Plant & Design-Build (First Ed, 1999)
11	Plant and design-build contract 2 nd Ed (2017 Yellow book)
12	Dredgers Contract 2 nd Ed (2016 Blue-Green Book)
13	Client/Consultant Model Services Agreement 5 th Ed (2017 White Book)
14	GUIDE to Conditions of Contract for Design, Build and Operate Projects (2008 GOLD BOOK) 1 st Ed 2011
15	Conditions of Contract for Works of Civil Engineering Construction (4 th Ed. 1987 Reprinted 2011)
16	Conditions of Contract for Design-Build and Turnkey First Edition 1995 Reprinted 2011
17	Conditions of Contract for Underground works (2019 Emerald Book)



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