Resolutions of the Fifth meeting of the Panel for Soils and Foundations, CED 46:P5 held in hybrid mode on 13 March 2024

Resolution No.	Resolution/Decision		
1	Shri Ajay Kumar Sinha and Shri Aman Garg to represent Military Engineer Services, New Delhi.		
	To write to HoD (Civil Engineering) of IIT Madras, Chennai for their fresh nomination.		
	To co-opt M/s National Capital Region Transport Corporation, New Delhi on the Panel.		
	To co-opt Dr Chandan Ghosh (Fuidyn–India, Bengaluru) in view of his superannuation from NIDM, New Delhi.		
	Shri Mani Bhushan, NTPC Ltd to formally arrange a communication of revised nominations on the Panel.		
	Shri T Madhusudhan Rao to represent BHEL as their alternate representative.		
2	The following organizations to send their fresh nominations in 15 days through email to ced46@bis.gov.in for BIS' records: DDA, New Delhi ITD Cementation Pvt Ltd, Mumbai The Institution of Engineers (India), Kolkata AFCONS Infrastructure Limited, Mumbai 		
3	To address the following aspects also in the revision:		
	 Briefly address the typical contents of the Report of Geotechnical Investigation (to aid in uniformity in reporting) Deep excavation related provisions considering the accidence involved Subsurface geotechnical investigation Detailed provisions on ground improvement techniques Testing on piles Foundations on rocks Provisions on instrumentation and observation from the foundation (post construction and during usage of a building) particularly for those housing over 600 occupants 		

Resolution No.	Resolution/Decision		
	 To cover all the recent developments in the new and revision of standards of CED 43 To include provisions regarding piled raft foundation and combined raft foundation To define 'Building' considering the same may be in residential, business, educational, industrial scenario, etc. Precautions regarding expansive soils and liquefiable soils for both shallow foundations and deep foundations. Settlement due to urban tunnelling (CBRI agreed to send the write up.) Aspects of Micro Piles in the Chapter of Pile foundation 		
4	Members to send in writing (by 01 April 2024) their inputs/comments/suggestions on the Working Draft of Part 6/Sec 2 circulated to email dated 04 March 2024.		
5	to be received and prepare th	BIS Dr Aditya Singh, IGS Shri Jitendra, NCRTC Shri Mani Bhushan, NTPC Shri TMS Rao, BHEL Dr Abhay Gupta, IAStructE Shri Aman Deep CSIR-CBRI Shri Manish Gupta	
	Clause 7 Clauses 8 to 12 (to be merged as one Chapter under the title Pile foundation) Clause 13	Shri Aman Deep CSIR-CBRI Dr A. P. Singh, IGS Dr Ayothiravan, IIT Delhi Dr Aditya Singh, IGS Dr Abhay Gupta, IAStructE Shri Aman Deep CSIR-CBRI Shri Sorabh Gupta, Cengrs	
	Clause 14	Ms Neelima Satyam, IGS M/s Keller Shri TMS Rao, BHEL	

Resolution No.	Resolution/Decision		
	New clause on Deep Excavation	Dr Abhay Gupta, IAStructE Shri Aman Deep CSIR-CBRI IGS Shri Sorabh Gupta, Cengrs Geotechnica Pvt Ltd, Noida	
	New clause on Piled Raft	CSIR-CBRI Dr Dipankar Chaudhary, IITB NPCIL	
	New clause on instrumentation & monitoring (preloading & post loading)	CSIR-CBRI M/s Geo Dynamics AIMIL India Shri Jaydeep Wagh, Geocon Intl Pvt Ltd	
	The above Groups to address in the draft chap including the respective annexes the necessary updat and provide their inputs in the form of draft clauses May 2024.		
6	Next meeting shall be in physical mode in May 2024		
7	To issue the wide circulation October & November 2024	of revision of this chapter by	

Formal minutes of the meeting will be sent separately.

PS: All members are encouraged to visit the BIS' Standardization Portal, https://www.manakonline.in/MANAK/login

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and <u>reset their password</u> (using FORGOT PASSWORD) before accessing for the first time the interactive portal.
