F.No. Prn.SA/SKK/02/2018 Office of the Principal Scientific Adviser to the Government of India

313, Vigyan Bhawan Annexe, Maulana Azad Road, New Delhi-110011

> Tel. No.: 011-2302 2090 Fax No.: 011-2302 2116 E-mail: <u>sureshkk@gov.in</u>

Dated: 27th November, 2018

OFFICE MEMORANDUM

Sub.: Constitution of a 'Consultative Group at the Office of Principal Scientific Adviser on future transportation'.

The undersigned has been directed to convey the decision of the Government of India to constitute a 'Consultative Group at the Office of Principal Scientific Adviser (PSA) on future transportation', to carry forward the initiative on 'Energy and Transportation', taken up by the Principal Scientific Adviser to the Government of India. The Consultative Group will be chaired by the Principal Scientific Adviser to the Government of India.

2. The composition 'Consultative Group for the Office of PSA on future transportation' is given below:

2.1 Composition:

S.No. Name, Designation & Organization

i)	Prof K. VijayRaghavan, Principal Scientific Adviser to the	Chairperson
	Government of India	
ii)	Shri Jamshyd Godrej, CMD, Godrej Boyce Ltd.	Member
iii)	Dr. V. Sumantran, Chairman, Celeris Technology	Member
iv)	Shri Prasad Menon, Ex- MD, Tata Power Ltd.	Member
V)	Dr. Ajay Mathur, Director General, TERI	Member
vi)	Shri Amit Sharma, Managing Director, Tata Consulting	
	Engineers	Member
vii)	Dr. Arabinda Mitra, Scientific Secretary, Office of PSA to the	
	Government of India	Member
viii)	Representative, Ministry of Railways	
xi)	Representative, Ministry of Road Transport and Highways	Member
X)	Representative, Delhi Metro Rail Corporation Ltd. (DMRC)	Member
xi)	Shri Suresh Kumar K., Scientist 'F', Office of PSA to the	
-	Government of India	Convener
		COLLACITE

2.2 Terms of Reference:

- a) To examine emerging technologies and systems of future transportation, including the hyperloop technology, complementing the county's development agenda and to facilitate assessing technologies of priority and strategic importance in energy and transportation.
- b) To define gap areas in R&D, safety & regulatory framework and industry capabilities and provide R&D directions addressing these challenges, including technologies at the subsystem level.
- c) To develop linkages with global technical resources towards assessing and validation of new technology solutions.

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- d) To develop a short and medium term roadmaps in the technology domain factoring in the economic, social and environmental outcomes.
- e) To consider any other matter relating to the domain and recommend action plans as deemed appropriate.
- f) The PSA may co-opt other domain experts as required or involve them as special invitees in the committee.
- 3. This issues with the approval of the Principal Scientific Adviser to the Government of India.

(Suresh Kumar K.) Scientist 'F'

To:

- Dr. V.Sumantran, Chairman, Celeris Technology, Plot 67, 19th Street, Venkateswara Nagar, Kottivakkam, Chennai Tamil Nadu- 600041
- ii) Shri Jamshyd Godrej, CMD, Godrej Boyce Ltd.7, Mathura Rd, Ishwar Nagar, New Friends Colony, New Delhi-110025
- iii) Shri Prasad Menon, Ex- MD, Tata Power Ltd., B12/13, 2nd Floor, Shatabdi Bhavan, Amaltash Marg, Sector 4, Noida, Uttar Pradesh-201301
- iv) Dr. Ajay Mathur, Director General, TERI, 6C, Darbari Seth Block, India Habitat Center Complex, Lodhi Road, New Delhi-110003
- v) Shri Amit Sharma, Managing Director, Tata Consulting Engineers Unit No NB 1502 & SB -1501,15th floor, Empire Tower, Cloud City Campus, GUT NO 31, Village Elthan, Kalwa Industrial Estate, Thane Belapur Road Airoli, Navi Mumbai 400708
- vi) Chairman, Ministry of Railways, 256-A, Raisina Road, Rajpath Area, Central Secretariat, New Delhi-110001
- vii) Secretary, Ministry of Road Transport and Highways, Transport Bhawan, 1, Sansad, New Delhi-110001
- viii) CMD, Delhi Metro Rail Corporation Ltd. (DMRC), Metro Bhawan Fire Brigade Lane, Barakhamba Road, New Delhi 110001

Copy to:

- i) Additional Private Secretary to the Principal Scientific Adviser to the Government of India
- ii) Personal Assistant to Scientific Secretary, Office of the Principal Scientific Adviser to the Government of India.
- iii) Shri Rajender Kumar, Director, Prime Minister's Office, South Block, New Delhi-110011.