

No. N-11019/1/2019- HFA-V-UD (FTS-9057867)

Government of India
Ministry of Housing and Urban Affairs
(HFA-V Division)

Room No. 3, Technical Cell, Gate No. 7,
Nirman Bhawan, New Delhi-11,
Dated: 22.02.2019

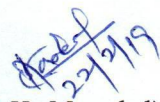
OFFICE MEMORANDUM

Subject: Grand Expo-cum-Conference – Construction Technology India – 2019 on GHTC-India is scheduled to be organized on 02-03 March 2019 at Vigyan Bhawan, New Delhi - reg.

The undersigned is directed to state that the Ministry of Housing and Urban Affairs, Government of India recently launched the 'Global Housing Technology Challenge - India', a platform to mainstream innovative and sustainable construction technologies in the country's affordable housing sector.

2. In continuation of the above, a Grand Expo-cum-Conference - Construction Technology India - 2019 on GHTC-India is scheduled to be organized on 02-03 March 2019 at Vigyan Bhawan, New Delhi. Hon'ble Prime Minister of India will inaugurate the Exhibition.

3. All the officers of the rank of Under Secretary and above of this Ministry are requested to attend the above mentioned event. A copy of tentative Minute to Minute Programme for the event is attached herewith.


(B.K. Mandal)

Under Secretary to the Govt. of India
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Encl: As above.

To:

1. All ASs/JSs/JS&FA/ADG(Media)/EAs/OSD(UT)/CCA, M/o HUA.
2. All Dirs./DSs/USs/Dy. Dirs., M/o HUA.
3. PSOs/Sr. PPSs/PPSs, M/o HUA.

Copy to:

1. PS to MoS(I/C) HUA
2. PSO to Secretary (HUA)
3. PPS to JS&MD(HFA)
3. SO (IT) for uploading on E-office Notice Board



DAY 1: 2nd MARCH 2019	
0800 – 1000 hrs	Registration
1000 – 1100 hrs	Inaugural Session
1000 hrs	Hon'ble Prime Minister Arrives
1000 – 1015 hrs	Visit of Exhibition Area by Hon'ble Prime Minister
1017 hrs	Hon'ble Prime Minister arrives at Dias
1017 – 1020 hrs	Welcome by the Secretary, Ministry of Housing and Urban Affairs
1020 – 1025 hrs	Remarks on Transforming India by the Hon'ble Minister (I/C), Housing and Urban Affairs
1025 – 1030 hrs	Video on GHTC- India, Release of Books etc.
1030 – 1100 hrs	Inaugural Address by the Hon'ble Prime Minister
1100 hrs	Hon'ble Prime Minister Departs
1100 – 1130 hrs	Tea Break
1130 – 1230 hrs	Plenary Session 1: Opportunities in Indian Urban Housing/ Real Estate Sector and Regulatory Systems
1130 – 1140 hrs	1) Regulatory Reforms & Opportunities in Indian Housing Sector (Presentation by Secretary, MoHUA)
1140 – 1200 hrs	2) Panel Discussion Panelists: a) Dr Niranjan Hiranandani, President, National Real Estate Development Council (NAREDCO) b) Jaxay Shah, President, Confederation of Real Estate Developers Associations of India (CREDAI) c) Rakesh Bharti Mittal, President, Confederation of Indian Industry (CII) d) DurgaShanker Mishra, Secretary, MoHUA (Moderator)
1200 – 1230 hrs	3) Q & A Session
1230 – 1330 hrs	Parallel Session- 1
1230 – 1330 hrs	1) Interaction between Technical Evaluation Committee (TEC) and Proven Technology Providers- (15 minutes for each presentation)
	2) Interaction between Expert Jury and Potential Technology Providers- (15 minutes for each presentation) Expert Jury Members: a) Dr. Shailesh Aggarwal, ED, Building Materials Technology Promotion Council (BMTPC) b) Nirupa Shankar, ED, Brigade Enterprises Ltd. c) Sangeeta Prasad, MD and CEO, Mahindra Lifespace Developers Ltd. d) C.M. Patil, CEO, Sandbox Startups of Deshpande Foundation e) Pawan Mulukutla, Head, City Development, Robert Bosch Pvt Ltd f) Madhav Pai, ED, Sustainable Cities, WRI India g) Jaya Dhindaw, Director Urban Development, WRI India h) Representative from IIT Madras i) Representative from IIT Bombay j) Representative from IIT Kharagpur k) Representative from IIT Roorkee

	<p>Master Class 1: Building Scalability and Healthy Business Metrics for Startups Expert-Vikram Upadhyaya, Chief Mentor, Green House Ventures Accelerator (GHV)</p>
	<p>3) Ensuring Livability and Desirability of Affordable Housing Panelists:</p> <p>a) AbhayBakre- Director General, Bureau of Energy Efficiency b) Prof C. V. R. Murthy, Dept. of Civil Engineering, IIT Madras c) Sanjay Seth - GRIHA Council & Sustainable Habitat Division-TERI d) JakobBrandtberg Knudsen, School of Architecture, Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation e) Ms. Sigrid Zialcita, CEO, Asia Pacific Real Estate Association (APREA) f) Prof. Dr. P.S.N. Rao – Director, SPA Delhi (Moderator)</p>
1330 – 1430 hrs	Lunch Break
1430 – 1600 hrs	Parallel Session - 2
1430 – 1600 hrs	<p>1) Interaction between Technical Evaluation Committee (TEC) and Proven Technology Providers-(15 minutes for each presentation)</p> <p>2) Interaction between Expert Jury and Potential Technology Providers- (15 minutes for each presentation) Master Class 2: The Art of the Ask –Marketing and Branding for Startups Expert-John Kuruvilla, Chief Mentor, Brigade Real Estate Accelerator Program (REAP)</p>
1430 – 1515 hrs	<p>3) Skills and Human resources required for Technology Transition Panelists:</p> <p>a) Dr. Rajesh Tandon, Founder, Participatory Research in Asia (PRIA) <i>TBC</i> b) Dr. P.R. Swarup, Director General, Construction Industry Development Council (CIDC) c) Thiru S. Krishnan, Principal Secretary, Tamil Nadu d) Dr. Gayathri Vasudevan, CEO, LabourNet e) M Nagaraj, Director (Corporate Planning), HUDCO f) Prof. Jagan Shah, Director, National Institute of Urban Affairs (Moderator)</p>
1515 – 1600 hrs	<p>4) Joining the Dots: Enabling an Eco-system for New Technologies in India- Opportunities and Challenges Panelists:</p> <p>a) Prabhakar Singh, Director General, Central Public Works Department (CPWD)- <u>Opening Remarks</u> b) Dr. N. Gopalakrishnan, Director, Central Building Research Institute (CBRI) c) Dr. Paresh Shah, Dean, Faculty of Technology, Centre for Environmental Planning and Technology (CEPT) University d) Dr. A. Mehar Prasad, Professor, Structural Engineering Division, IIT Madras e) Dr. Shailesh Kr. Agrawal, Executive Director, Building Material and Technology Promotion council (BMTPC) (Moderator)</p>
1600 – 1630 hrs	Tea Break
1630 – 1730 hrs	Plenary Session 2: Initiatives by State/UT to Promote New technologies for Affordable Housing
1630 – 1640 hrs	1. Journey of Pradhan Mantri Awas Yojana- Urban Mission & Overview of Light house Projects (Presentation by Joint Secretary & Mission Director - HFA)
1640 – 1710 hrs	2. Features of the Proposed Sites for Lighthouse Projects (Presentation by Principal Secretaries of Urban Development/ Housing Department of selected States/ UTs)
1710 – 1730 hrs	3. Exchange of Ideas & Feedback

DAY 2: 3rd MARCH 2019

0900 – 1000 hrs	Registration
1000 – 1130 hrs	Plenary Session 3: Disruptive Technology for India's Transformation
1000 – 1020 hrs	1. Keynote Address by CEO, NITI Aayog (TBC)
1020 – 1030 hrs	2. Talk on "Honeycomb Village- a sustainable and modular solution" by Scott Knox, Sr. Architect/ Urban Designer, Creative Group
1030 – 1030 hrs	3. Talk on "Artificial Intelligence in Housing " by David Malott, CEO and Creative Director of AI SpaceFactory
1040 – 1130 hrs	4. Discussion Panelists: a) Scott Knox, Sr. Architect/ Urban Designer, Creative Group b) David Malott, CEO and Creative Director of AI SpaceFactory c) Prof Michael Riley- Liverpool John Moores University UK d) Dr Aniruddha Dasgupta- Global Director, Sustainable Cities, WRI Washington e) Scott Knox, Sr. Architect/ Urban Designer, Creative Group f) Philip Yang, Founder, Institute of Urbanism and Studies for the Metropolis (URBEM) TBC g) Christofer Nelson, Scholar on Innovation and Program Manager for Science in the Public Interest at Georgetown University (Moderator)
1130 – 1200 hrs	Tea Break
1200 – 1330 hrs	Parallel Session - 1
1200 – 1330 hrs	1. Interaction between Technical Evaluation Committee (TEC) and Proven Technology Providers- (15 minutes for each presentation)
	2. Interaction between Expert Jury and Potential Technology Providers- (15 minutes for each presentation) Masterclass 3: Certification and Standardization Requirements for New Construction Technologies Expert- Dr. Shailesh K Agarwal, Executive Director, Building Materials and Technology Promotion Council (BMTPC)
	3. World Café: Interactive Session Between Group of Stakeholders (Between Global Technology Providers, Indian Counterparts, State Govt. to lead to a Technology Transition in the Indian Construction Sector through Light house projects) Moderated by – Dr. Aniruddha Dasgupta- Global Director, Sustainable Cities, WRI Washington
1330 – 1430 hrs	Lunch Break
1430 – 1600 hrs	Parallel Session - 2
1430 – 1600 hrs	1. Interaction between Technical Evaluation Committee (TEC) and Proven Technology Providers- (15 minutes for each presentation)
	2. Interaction between Expert Jury and Potential Technology Providers- (15 minutes for each presentation) Master Class 4: Sustainability Metrics for Construction Technology Expert- Prof. Michael Riley, Head, Built Environment, Liverpool University

	<p>3. Innovation in Construction Equipment Manufacturing Sector to enable a Sustainable Technology Transition</p> <p>Panelists:</p> <ul style="list-style-type: none"> a) Rufus Logan, Commercial Director-India, British Research Establishment (BRE), UK b) Suresh V. Patil, Head, RMC, Ultratech Cement Ltd c) Arvind K. Garg, Executive Vice President and Head, Construction and Mining Machinery, Larsen & Toubro Ltd. d) Vijay Agarwal, Chairman & Managing Director, ACE - Action Construction Equipment Limited e) Christofer Nelson, Scholar on Innovation and Program Manager for Science in the Public Interest at Georgetown University (Moderator)
1600 – 1630 hrs	Tea Break
1630 – 1715 hrs	Plenary Session 4: New Technology in Construction of Housing and other Buildings Beyond PMAY(U)
1630 – 1715 hrs	<p>1. Presentation on Opportunities for Housing Construction from respective Ministries</p> <p>Panelists:</p> <ul style="list-style-type: none"> a) Secretary, Ministry of Industry and Commerce <i>TBC</i> b) Secretary, Skill Development and Entrepreneurship <i>TBC</i> c) Secretary, Ministry of HRD <i>TBC</i> d) Secretary, Ministry of Home Affairs <i>TBC</i> e) Secretary, Environment Forest and Climate <i>TBC</i> f) Secretary, Defense <i>TBC</i> <p>2. Q &A with Audience (Moderation by- O. P. Agarwal, CEO, World Resource Institute, India)</p>
1715 – 1730 hrs	Concluding Session
1715 – 1730 hrs	<p>Concluding Remarks by Hon'ble Minister (I/C), Housing and Urban Affairs</p> <p>- Roadmap ahead for GHTC- India</p>
