

OFFICE ORDER

Sub: Setting up of 'Task Force' for promotion of innovative building construction technologies and materials - reg.

In the present context it is utmost essential to adopt modern, climate resilient, innovative & green building materials and construction technologies for rapid, ecofriendly and quality construction in the country. These innovative construction systems must optimize the use of cement, sand & steel with less dependence on water, sand, aggregates during construction, minimum construction & demolition waste, dust free technologies, materials & systems based on renewable resources.

2. Ministry of Housing and Urban Affairs (MoHUA) through Global Housing Technology Challenge-India (GHTC-I) has identified and shortlisted various globally proven innovative construction technologies and building materials suitable for different geo-climatic conditions since 2019. Through GHTC-India, 54 innovative construction systems have been shortlisted. Further, under the ambit of GHTC-India, Indian Housing Technology Mela (IHTM)-2021 and Indian Urban Housing Conclave (IUHC)-2022 were organised and 84 & 54 technologies, materials and process have been shortlisted respectively for different types of buildings. The details regarding these innovative technologies, materials and process have been published in the form of Compendiums. These shortlisted technologies are also demonstrated through Six Light House Projects and Demonstration Housing Projects under Technology Sub-Mission component of PMAY-Urban across the country.


3. Building Materials & Technology Promotion Council (BMTPC), an organisation under MoHUA is authorised to evaluate and certify innovative building materials and technologies through performance Appraisal Certification Scheme (PACS). Under PACS, 85 such products have been certified.

4. Further, in order to promote wise use innovative construction technologies and building materials in construction projects by various Public/Private agencies, the Competent Authority is pleased to set up a 'Task Force' with composition as under:

S. No.	Members	Designation
1	Director General, CPWD	Chairman
2	Nominee of CPWD (not below the rank of Chief Engineer)	Member
3	Director/Nominee, Central Building Research Institute (CBRI)	Member
4	CMD/Nominee of NBCC Ltd.	Member
5	Director/Nominee of SPA- Delhi, CEPT-Ahmedabad	Member
6	Representative of IIT Madras	Member
7	Representative of IIT Roorkee	Member
8	Executive Director, BMTPC	Member Secretary

5. The broad Terms of Reference (ToR) of the 'Task Force' for promotion of innovative building construction technologies and materials shall be as under:

- i. Prepare a comprehensive listing of innovative materials and technologies available for different geo-climatic regions of the country and their suitability for different building types.
 - ii. Prepare Standard Operating Procedure (SOP) for adoption of innovative building materials and construction technologies in tenders and construction sector.
 - iii. Prepare Guidelines for adoption of innovative building materials and construction technologies by different Central Ministries and other Public and Private agencies.
 - iv. To identify and finalize any other available innovative construction technologies and materials ready for market deployment and application from time to time.
 - v. To recommend for issuance of Schedule of Rates (SoRs) for innovative building materials and technologies which are eligible for inclusion in SoRs/ market deployment based on the PACS issued by BMTPC.
 - vi. To identify areas of capacity development and handholding requirements and knowledge sharing areas focusing on the technical aspects for the selected technologies/ materials.
 - vii. The Task Force will submit the action taken report to the Ministry on fortnightly basis.
 - viii. Any other functions assigned to it by the Central Government.
6. Timeline of the Task Force shall be for two years since its formation.
7. This issues with the approval of the Competent Authority.


(R.K. Gautam) 7/7/23
Director (HFA-III&V)
Tel: 011-23063266

To,

1. Director General, CPWD, Nirman Bhawan, New Delhi-110011
2. CMD, NBCC, NBCC Bhawan, Lodhi Road, New Delhi-110003
3. Joint Secretary (Central Vista & W), Nirman Bhawan, New Delhi-110011
4. ED, BMTPC, Core-5A, India Habitat Centre, Lodhi Road, New Delhi-110003
5. Members of the Task Force

Copy for information to:

1. Sr. PPS to Secretary (HUA)
2. PPS to JS&MD (HFA)