

Construction Technology India -2019 Expo-cum-Conference

About GHTC-India

The Government of India through the Ministry of Housing and Urban Affairs (MoHUA) launched the 'Global Housing Technology Challenge – India (GHTC-India)' on 14th January, 2019. This challenge aims to identify and mainstream a basket of innovative construction technologies from across the globe for deployment in the housing construction sector in India. GHTC- India aspires to develop a wider eco-system to address the technological challenges of the housing construction sector in a holistic manner. It is expected that the technologies selected through the Challenge process will be sustainable, eco-friendly and disaster-resilient. They are also expected to be cost effective and speedier in construction, without compromising on quality and safety. They should also be suitable for diverse geo-climatic conditions. Further, innovative technologies, that are still developing and have a strong potential for the future, will be supported to foster an environment of research and development in the country.

2. The challenge has three main components as follows:
 - i. An Expo-cum-Conference open to all International and Indian stakeholders interested in offering Alternative and Innovative Housing Construction Technologies, which would offer an opportunity for sharing knowledge and identifying business opportunities in India.
 - ii. On boarding Proven and Demonstrable Technologies from around the globe that participate and are presented at the Expo, for use in India, through construction of Lighthouse projects.
 - iii. Supporting Indian Potential Future Technologies related to construction materials, systems, components, business processes and construction technologies for future absorption in the construction sector, developed by Indian innovators, through Incubation and Acceleration at premier technical institutes. This will be done by BMTPC in collaboration with selected Knowledge Partners (KPs).
3. As a sub-component, the Challenge will also onboard:
 - Selected State Governments/ Union Territories (UTs) through a competitive process to provide land, financial support, necessary infrastructure and requisite approvals/ clearances for the construction of Lighthouse Projects (LHPs); and
 - Selected Indian Partners (Developers/ Construction Agencies) who are willing to provide local support to international technology providers in carrying out the construction of the Lighthouse Projects (LHPs) in different parts of India.

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General Instructions:

1. The 'Construction Technology India - 2019' Expo-cum-Conference on 'Alternative and Innovative Housing Construction Technologies' (henceforth referred to as the Expo) is being organized by the Ministry of Housing and Urban Affairs (MoHUA), Government of India in partnership with Knowledge Partners (KPs) and Associate Knowledge Partners (AKPs). The Expo will be held on the 2nd and 3rd of March 2019 at Vigyan Bhawan, New Delhi, India. Details of the schedule and programming of the Expo will be updated periodically on the website www.ghtc-india.gov.in.

2. The Expo is being organized to provide a platform to all stakeholders (both Indian and International) associated with housing construction for the exchange of knowledge and business. Various events such as seminars, accelerator workshops, panel discussions, exhibition of construction systems, posters, digital interfaces and networking sessions between Business to Business (B2B), Business to Government (B2G) and Government to Government (G2G) are planned during the Expo.

3. Registration for expo will be open in the following categories:

i. Proven Technology Provider-

The entities (either by themselves or in partnership) having constructed at least 1,000 dwelling Units of minimum 30 sq mt each or built up area of 40,000 sq mt in utmost 5 places using alternative and innovative technology in last 10 years. The alternate & innovative technologies are technologies replacing conventional construction technologies such as:

- (1) *Load bearing masonry building, i.e., walls built with masonry made of brick, cement concrete solid, hollow blocks and any other masonry, and with roof made of RC.*
- (2) *Cast in-situ RC frame building with masonry infill walls and cast in-situ RC slab.*

ii. Potential Technology Provider (Indian Entities only)

Potential Technology Providers may be representing a registered Company or Early entrepreneur (Not yet registered) or Research Institute or Academic Institute or Registered Non-Profit Organizations with emerging technologies/products in housing sector that are at various stages of product development and market entry.

Two categories are invited which are a) Pre-Prototype Technologies and b) Post Post-Prototype Technologies.

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The Pre-Prototype category includes technologies which are at ideation stage and require further technical hand-holding through incubation to reach a viable product in the domain of construction systems and components.

The Post-Prototype category includes technologies that have a working and viable product but require acceleration to mainstream their product in the market in the domain of construction systems and components, improving the efficiency of natural resource use, self-help innovations and digital technology in the housing sector.

- iii. Domain Expert- Any of the following:
 - § *Engineering Construction/ Contracting/ Consultancy*
 - § *Government Agency*
 - § *Real Estate Development*
 - § *Architectural Design*
 - § *Research and/or Development of Housing Technology*
 - § *Providing Housing Technology as an Authorized Agency/License Holder of the original Technology Provider*
 - § *Innovative Financing in Construction*
 - § *Other facets of Housing: Please specify*
- iv. Technical Institute- *Any Academic/Research Institute working in the area of housing construction technologies /systems.*
- v. Others – *Not falling in any of the above categories but are involved in construction technology for housing sector. Besides, the Expo is also open to other stakeholders such as academia, technologists, engineers, architects, Research and Development (R&D) institutes, real estate developers, construction companies, Government agencies including housing boards & state Public Works department (PWDs), developers, entrepreneurs amongst others from India and across the globe.*

4. Applicants from the above-mentioned categories need to fill the form online only and indicate the willingness regarding Expo space for the dissemination of literature/ showcase of components and products. The participation in the Expo will be based on invitation basis only.

Paper or hard-copy applications and offline payments will not be accepted for participation. Application fee is non-refundable and non-transferable under any circumstances.

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5. Registration Fees per delegate in all categories except Potential Technology Providers will be INR 5000/- for Indian Citizen and US\$ 150 for Foreign Nationals to be paid to attend the Expo and access to facilities and event. Travel to and from the Expo venue, lodging, boarding, and any other expenses must be borne by the Applicants and all necessary arrangements are to be made by themselves only.

1 US\$ = INR 71/-

For delegates in the category of 'Potential Technology Providers' as mentioned in clause number 3 (ii) hereinabove, the registration fee per delegate will be Rs.1000/-

6. Space requirement for Expo is limited. The actual provision of space will be subject to availability, number of participants, relevance of display to intent of the conference and payment of any requisite fees. Expo/display information should be in English only.

7. Charges for Expo Stall: Expo stall from 9 sqm and upto 36 sqm (in multiple of 9 sqm) can be opted by the exhibitors: Exclusive of GST@18% on the Charges for Expo Stall, mentioned in the table below:

Category of Stall	Stall Size (in sqm.)	Indian Entity (in Rs.)	Foreign Entity (in US \$)	Complimentary Delegate Pass
A.	9	50,000/-	750	2
B.	18	100,000/-	1,500	4
C.	27	150,000/-	2,250	6
D.	36	200,000/-	3,000	8

Facilities to Exhibitors: The following facilities will be provided for exhibitors

- Ø Expo space will be of 'prefab system (similar to octanorm)' complete with back and side partitions of PVC panels.
- Ø All stalls will have synthetic carpet, fascia with digital English letter, LED lights on each panel and one socket of 5 Amp (with wiring and connections etc. complete).
- Ø One table, two chairs, waste paper basket etc. upto 18 sqm stall area. Two tables, Four chairs and two waste paper baskets upto 36 sqm area.

8. Poster/Digital display:

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Space for Poster/digital display will be allocated separately. Size of poster display will be 1 m width x 2.4 m height (8 feet). Display space is limited, therefore allotment will be based on space availability, number of exhibitors and relevance. For more information please Email to support-ghc.india@gov.in For further clarifications if any, please contact Mr. R. K. Gautam, Director, MoHUA on Mobile: +91-9868992637. Shortlisted applicants in the Potential Future Technology category will be allotted poster display space free of cost, however, in case of digital display, a sum of Rs. 4,500/- + GST@18% as hiring cost of 52 inch LED Screen per day will be borne by the applicant.

9. The applicant must carry an Identity Card (Issued by Government of India for Indian nationals and Passport for other than Indian nationals) for getting entry to the Expo. In case, the applicant fails to produce an Identity card that corresponds to name of the attendee, the same will result in non-acceptance of entry to the Expo.

The Registration fees for each delegate shall include: 1. Entry Pass for both days of Expo, 2. Lunch and refreshments during event, 3. Access to expo and Technical Sessions,

The Registration fees for each delegate of Potential Technology Provider category shall have access to accelerator workshops.

Registration Fees do not include: 1. Transport of participants, 2. Lodging and Boarding of participants, 3. Setting up of stall/ display of any kind.

For the Cultural night on 2nd March 2019, the entry is by invitation only.

10. The application form must be filled in English, applicants are required to provide any supporting document in either English or certified English translations of the original language.

11. Applicants may be contacted by MoHUA to furnish further details in support of their application, if required.

12. International delegates who require documentary support towards Visa purposes may contact Mr. R. K. Gautam, Director, MoHUA on Mobile: +91 9868992637. Please note that MoHUA claims no responsibility over non-acceptance/rejection of visa applications.

13. The expo venue is Vigyan Bhavan, New Delhi. [Click here for the detailed layout](#) for familiarization of the location.

14. Registration will be closed by 20th February, 2019 for Proven and Potential Technology Providers. [However, other category participants Registration will be open until seats last.](#)

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15. MoHUA reserves the right to reject applications and change terms and conditions of participation at any time without offering any explanation whatsoever. Such changes shall be deemed to be accepted and binding upon all applicants.

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Application Form for participation in Construction Technology India -2019 Expo-cum-Conference

S. No	Information Sought	Details to be Provided by the Applicant						
1	Category <i>Please tick the most pertinent option (multiple option)</i>	i. Proven Technology Provider ii. Potential Technology Provider iii. Technical Institute iv. Domain Expert v. Others please specify: _____						
2	Status of Applicant <i>Please tick one option.</i>	i. Government ii. Government owned Company or Firm iii. Privately owned Company or Firm iv. Individual/Proprietary v. Registered NGO vi. Others: Please specify _____						
3	Domain of Applicant <i>Please tick the most pertinent option (multiple option)</i>	i. Engineering Construction/ Contracting/ Consultancy ii. Government Agency iii. Real Estate Development iv. Architectural Design v. Research and/or Development of Housing Technology vi. Providing Housing Technology as an Authorized Agency/License Holder of the original Technology Provider vii. Innovative Financing in Construction viii. Other facets of Housing: Please specify _____						
4	Past Experience (if any) <i>Please tick any one or both options</i>	<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">(1) Urban Mass Housing</td> <td style="width: 20%;">YES</td> <td style="width: 20%;">NO</td> </tr> <tr> <td>(2) Rapid Construction</td> <td>YES</td> <td>NO</td> </tr> </table>	(1) Urban Mass Housing	YES	NO	(2) Rapid Construction	YES	NO
(1) Urban Mass Housing	YES	NO						
(2) Rapid Construction	YES	NO						
5	Details of Applicant/ Company	Name : Address : PIN/ZIP : Contact No : Email : Website :						

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6	<p>Delegates attending Expo</p> <p><i>(Valid government photo ID mandatory/ passport for international participants)</i></p>	<p>1) Name, Designation, Organization represented (if any), Address, Contact No, Email, Nationality. 2) 3) 4)</p> <p><i>(Fees per delegate will depend on Category selected at S. No 1 of this form, nationality and expo space being taken)</i></p>
7	<p>Do you need invitation for Visa purpose?</p>	<p>Yes No</p> <p>If yes, upload scanned copy of relevant pages of Passport</p>
8	<p>Do you require space for Expo for display of technology /products including promotional material</p>	<p>Yes No</p> <p><i>(Participation in the Expo is mandatory for Proven Technology Providers)</i></p>
9	<p>Space Requirements at the Expo (if required)</p>	<p>A. Space for dissemination of products, components, systems and promotional materials</p> <p>i) Please specify area: _____ m² (Drop down of 09, 18, 27, 36)</p> <p><u><i>(Website input: On selection of value, display the amount that will be charged)</i></u></p> <p>Notes:</p> <ul style="list-style-type: none"> · Name of Facia (title) to be printed on stall: (30 characters) · Upload your desired stall layout (high resolution): pdf, jpg, jpeg 2 MB · Briefly describe what will be displayed (200 words) · Minimum size of stall is 9 sqm. (3 m x 3 m), height is 2.4 m (8 feet). You may apply for stall area in multiples of 9 sqm. · Stalls are limited, allotment will be based on space availability, number of exhibitors and relevance. Preference will be given to Proven

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		<p>Technology Providers.</p> <ul style="list-style-type: none"> · Stall Layout (inclusive of accessories): <u>Click to view</u> and for more information please contact at and support-ghc.india@gov.in <p>B. Space for poster/digital display will be separately allocated</p> <p>Note: -</p> <ul style="list-style-type: none"> · Size of poster display will be 1 m width x 2.4 m height · Shortlisted applicants in the 'Potential Future Technology' category will be allotted poster display space free of cost. (For digital display, <u>Rs 4,500.00 + GST@18% as hiring cost of 52 inch LED Screen per day will be borne by the applicant. The payment will be made online after shortlisting</u>) · Display space is limited, allotment will be based on space availability, number of exhibitors and relevance. · For more information/clarification, please contact and support-ghc.india@gov.in
10	Payment Gateway	Total payment -----
<p>Self-Certification:</p> <p>I have read and agree to the stipulated terms & conditions. All information provided in this application is true and correct to the best of my knowledge.</p>		