No. N-11019/11/2019-HFA-V-UD-Vol-I (FTS-9064637) Government of India Ministry of Housing and Urban Affairs

(HFA-V Division)

Room No. 3, Technical Cell, Gate No. 7, Nirman Bhawan, New Delhi-110011 Dated: 28.10.2024

OFFICE MEMORANDUM

Sub: Minutes of the 22nd meeting of Project Monitoring Committee (PMC) held on 17.10.2024 under the Chairmanship of Joint Secretary & Mission Director (HFA), Ministry of Housing and Urban Affairs (MoHUA) to review the progress of construction work and issues related to all six Light House Projects (LHPs) under Global Housing Technology Challenge - India (GHTC-India) - reg.

The undersigned is directed to forward herewith the Minutes of the 22nd meeting of Project Monitoring Committee (PMC) held on 17.10.2024 in Room No. 120-G, NBO Building, Nirman Bhawan, New Delhi in hybrid mode under the Chairmanship of Joint Secretary & Mission Director (HFA), Ministry of Housing and Urban Affairs (MoHUA) to review the progress of construction work and issues related to all six Light House Projects (LHPs) under Global Housing Technology Challenge - India (GHTC-India) for information and necessary action.

(B.K. Mandal)

Under Secretary to the Govt. of India

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Encl.: As above.

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- 5. Secretary (UD & Housing), Government of Jharkhand, HEC Project Bldg. Dhurva, Ranchi-834004, Tel: 0651-2400962, E-mail: ud.secy@gmail.com
- 6. Secretary (UDD), Government of Tripura, Civil Secretariat, New Capital Complex, Agartala-799001, Tel: +91 381 241 3318, E-mail: kirangitteias@gmail.com
- 7. Principal Secretary, Housing and Urban Development Department, Government of Tamil Nadu, 3rd Floor, Namakkal Kavizar Mailiagai, St George Fort, Chennai-600009, E-mail: hud@tn.gov.in, Tel: 044-25670516
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- 9. All the Mission Director (PMAY) of the concerned LHP States

- 10. All the concerned SLNA constituted for PMAY-U
- 11. All the concerned ULB/Development Authority
- 12. All the concerned IITs
- 13. Shri Rajan Bandelkar, Vice President, NAREDCO, GA-1, Court Chambers 35, New Marine Lines, Mumbai-400020, Maharashtra, E-mail: rajanbandelkar@gmail.com, naredco.m@gmail.com
- 14. Chairman, CREDAI, B900 Shapath IV, Opposite Karnavati Club, SG Highway, Ahmedabad, Gujarat, E-mail: renuka.nair@savvygroup.in, jaxay@savvygroup.in

Copy to:

- 1. M/s Mitsumi Housing Pvt. Ltd., The First, D-1108, 11th Floor, Behind Keshavbaugh Party Plot, Vastrapur, Ahmedabad-380015, Gujarat
- 2. M/s JAM Sustainable Housing LLP, C-1103, The First, B/H Keshavbaugh Party Plot, B/H ITC Hotel, Vastrapur, Ahmedabad-380015, Gujarat
- 3. M/s KPR Projectcon Pvt. Ltd., 17, RAM PLAZA, Navshakti Chowk, Bhabha Nagar, Nashik-422011, Maharashtra
- 4. M/s SGC Magicrete LLP, 702, CTS No. 39 A and 39 B.S.V. Road, Near Andheri Sub-way, Andheri (West), Mumbai-400058
- 5. M/s Malani Construction Co., Malani Complex, 58-Kotechanagar, Kalawad Road, Rajkot-360001, Gujarat, Site address, TP-32-Raiya, FP-63/10, Raiya Road, Near STP, Rajkot, Gujarat
- 6. M/s BG Shirke Construction Technology Pvt. Ltd., 72-76, Industrial Estate, Mundhwa, Pune-411036, Maharashtra

Copy for information to:

- 1. PSO to Secretary (HUA)
- 2. PPS to JS&MD (HFA), MoHUA
- 3. PS to DDG (HFA-V), MoHUA

Minutes of the 22nd meeting of Project Monitoring Committee (PMC) held on 17.10.2024 under the Chairmanship of Joint Secretary & Mission Director (HFA), Ministry of Housing and Urban Affairs (MoHUA) to review the progress of construction work and issues related to all six Light House Projects (LHPs) under Global Housing Technology Challenge - India (GHTC-India)

The 22nd meeting of Project Monitoring Committee (PMC) was held on 17.10.2024 under the Chairmanship of Joint Secretary & Mission Director (HFA), Ministry of Housing and Urban Affairs (MoHUA) in Room No. 120-G, Nirman Bhawan, New Delhi with the Construction Agencies of Light House Projects (LHPs) to review the progress of construction work and issues related to all six LHPs i.e. LHP Chennai, LHP Rajkot, LHP Lucknow, LHP Ranchi, LHP Indore and LHP Agartala. The representative(s) of Six LHP Construction Agencies, respective State Government officials, members of the PMC, officials of BMTPC and PMU members of HFA Division were present in the meeting physically as well as online mode. The list of participants is enclosed at **Annexure**.

- 2. At the outset, the Chairman welcomed the representatives of the LHP Construction Agencies and other participants to the PMC meeting and requested the Deputy Director General (HFA-V) to make a presentation on the progress of construction work and issues related to all six LHPs. Following points emerged after the presentation:
 - a. **LHP Chennai, Tamil Nadu:** LHP Chennai comprising of 1,152 Dwelling Units (DUs) and related infrastructure services has been completed in all respect and inaugurated by the Hon'ble Prime Minister on 26th May 2022. The State Government of Tamil Nadu informed that all houses have been occupied by the allotted beneficiaries. It was informed that a Resident Welfare Association has been formed and any minor issues regarding breaking of pipe, water supply, any seepage etc. are being addressed by the Construction Agency.
 - b. **LHP Rajkot, Gujarat:** LHP Rajkot has been completed in all respect and inaugurated by the Hon'ble Prime Minister on 19th October 2022. The project has already been taken over by the Rajkot Municipal Corporation. It was further briefed that all 1,144 houses are occupied by the allotted beneficiaries and day to day operational issues raised by the beneficiaries are being taken care by the Construction Agency.
 - c. **LHP Lucknow, Uttar Pradesh**: The Committee noted that LHP Lucknow has been completed and inaugurated by the Hon'ble Prime Minister on 10th March 2024. The State Government of Uttar Pradesh informed that Occupancy Certificate (OC) to occupy the houses by the beneficiaries has been obtained and the registry of houses will be done in the name of the allotted beneficiaries. The Chairman directed that State Government to expedite the process of registry of houses in the name of the beneficiaries and taking over of the project so that these houses may be occupied by the allotted beneficiaries before Diwali.
 - d. **LHP Indore, Madhya Pradesh**: LHP Indore has also been completed and inaugurated by the Hon'ble Prime Minister on 5th October 2023 and so far, 820 beneficiaries have shifted in their allotted houses. Further, taking over of the project was also done by Indore Municipal

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Corporation (IMC) from BMTPC in the august presence of the Chairman, PMC. The representative of IMC informed the Committee that in few houses, there are issues of seepages/cracks and other minor wear and tear issues. The Chairmen directed the Construction Agency to immediately remove all the defects in the houses and resolve the seepage problem on priority basis and to be checked by IMC officials. The Chairman also directed IMC to reimburse the expenses made by the Construction Agency against obtaining the permanent electricity connection up to the LHP site as done for other LHPs. The officials of IMC agreed to reimburse the cost to the Construction Agency on submission of all original invoices. It was also directed by the Chairman that the Construction Agency may deploy a dedicated team at site to resolve all the minor operating issues. The Chairman directed the officials of IMC to allot the remaining houses to beneficiaries on priority so that the houses may be occupied by the allotted beneficiaries before Diwali.

- e. **LHP Ranchi, Jharkhand**: The project has been completed and inaugurated by the Hon'ble Prime Minister on 10th March 2024. Construction Agency has obtained all the required NOCs and OC to allot these houses to the identified beneficiaries. Further, State Government has informed that possession of around 600 houses have been given to the beneficiaries, out of which around 150 beneficiaries have shifted to their allotted houses. State officials further informed that the work for providing main water supply pipeline up to the project site is underway and the same will be completed within a week. The Chairman directed that State Government to expedite the process of taking over of the project and ensure water supply and electricity connection so that before Diwali, these houses may be occupied by the allotted beneficiaries.
- f. **LHP Agartala, Tripura:** The Committee noted with serious concern about the progress of LHP Agartala. The work at site is progressing at a dismissal speed. The official of State Government informed that no major work done since April 2024 due to insufficient manpower, inadequate and untimely supply of materials. The Chairman emphasised that the Agency should increase manpower and other resources to complete the project at the earliest.

3. Release of State and Beneficiary Shares

The Committee noted the following status of release of State and Beneficiary share by respective State Government as informed by their officials:

- i. **Jharkhand:** Out of ₹78.56 crore, ₹70.99 crore has been received till date. The project has been completed and inaugurated by the Hon'ble Prime Minister. Chairman advised that the State should release the pending payment from its own resources at the earliest.
- ii. **Tripura:** Out of ₹97.50 crore, ₹56.47 crore has been received till date. Considering the current progress of project, the Chairman advised that the State should release next instalment of approx ₹20 crore from its own resources at the earliest.

4. Release of Payment of pending bills of the Agencies.

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DDG (HFA-V) apprised the PMC about the payments already made against the Running Bills submitted by the LHP Construction Agencies. The Committee noted the details of the payments made till date for all the projects as under:

LHP-wise Payment Status (Amount in ₹)				
Particulars	Agartala	Indore	Lucknow	Ranchi
Total				
Amount paid	94,82,97,054	124,41,88,084	128,02,98,576	125,23,93,607
In %	58.35%	96.69%	96.50%	93.46%
Additional GST paid	3,80,03,236	2,98,79,794	4,17,64,322	4,53,90,426

5. Following Running Bills for payment received from LHP Construction Agencies have been examined by BMTPC for release of payment: (Amount in ₹)

S. No.	Name of the LHPs		Amount Claimed By the Construction Agencies	Total Amount Recommended by BMTPC (including GST @18%) before all deductions
1	Lucknow, Uttar Pradesh	RA-30	2,89,61,625	2,22,03,913
2	Ranchi, Jharkhand		5,62,81,659	2,34,11,850
3.	Indore. Madhya Pradesh	RA-26	3,69,71,428	3,02,28,571
Total			12,22,14,712	7,58,44,334

The Committee after due deliberations recommended release of payments as per the table above.

- 6. Regarding compensation for cost escalation amount claimed by the respective Construction Agencies of LHPs, the following were appraised to the PMC for consideration:
- a) The tenders for construction of LHPs at Indore, Chennai, Rajkot, Agartala, Ranchi and Lucknow were invited on July 05, 2019 on Engineering Procurement & Construction (EPC) mode to promote the proven new and innovative technologies already approved under GHTC-India. The work for six LHPs were awarded to the lowest bidders in November/December 2019. The same was approved by Central Sanctioning and Monitoring Committee (CSMC) in its 49th meeting held on 27th November 2019.
- b) As per the Contract, the Agencies were required to start the work within three months (i.e. 24th April 2020) after taking all statutory approvals. However, due to outbreak of COVID-19 in the month of March 2020, the nationwide lockdown was announced w.e.f. 25.03.2020. On account of delays

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in obtaining of approvals by all the Agencies for LHPs and other related works, the foundation stone of all the projects was virtually laid on 01 January, 2021 by the Hon'ble Prime Minister with modified stipulated date of completion of the projects as 31st December 2021.

c) Further, due to supply-chain disruptions and other logistic issues faced on account of 2nd wave of COVID, extension of time for completion of LHPs was given under the provision of clause 5.2 & 5.5 of the Contract, without levy of compensation as per details given below:

S. No.	Location of LHP	Extended date of completion	
1.	LHP Agartala	Up to 30.09.2023	
2.	LHP Chennai	Up to 15.05.2022	
3.	LHP Indore	Up to 30.04.2023	
4.	LHP Lucknow	Up to 30.04.2023	
5.	LHP Rajkot	Up to 30.09.2022	-
6.	LHP Ranchi	Up to 30.06.2023	

- d) The payment schedule mentioned in the contract document was also revised after due consideration of contractors representation during currency of work. The payment due "On issuing of completion certificate by competent authority and after taking all statutory approvals from local authorities" was 10% which has been reduced to 5% as proposed by Construction Agencies. Further, the payment for superstructure has also been advanced by 15% (25% to 40%) based on the assessment of higher requirement of funds for prefabricated items/larger machinery requirements in initial stages, with proportionate deduction from infrastructure works.
- e) Further the Performance Guarantee was reduced from 5% to 3% mentioned under clause 1 of Contract to cover up the flow of liquidity in all LHPs as per the order issued by Ministry of Finance, Govt. of India.
- f) Additional GST of 6% has been considered for payment to all Construction Agency for the payment made after 17.07.2022 as per the order of GST Department of Govt. of India.
- g) Subsequently, based on the individual representation of all Construction Agencies regarding payment of compensation for cost escalation from actual date of start of work to completed/extended date of completion, a Committee was constituted to examine the proposal of all Construction Agencies of LHP for cost escalation according to terms and conditions of the Contract and CPWD norms.
- h) As regards cost escalation, the relevant clauses of the Contract agreement signed between MoHUA and Contracting Agencies for all six LHPs are reproduced as under:
 - o As per the Memorandum, Annexure-IV, "All rates as quoted by participating agency shall be firm and fixed for entire contract period as well as extended period for completion of the works. No escalation shall be payable under the provision of this contract. Escalation cost towards any change in statutory taxes will be reimbursed if the

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- Construction Agency alone is not responsible for delay as per the provision of Clause 33 of contract."
- o The Clause 5.2 (Force Majeure clause) of the agreement specifies "the Construction Agency shall have no claims of damages for extension of time granted or rescheduling of milestone/s".
- i) As per the contract conditions, there are no provisions for considering cost escalation proposal of LHPs by the Construction Agencies. However, the Committee recommended that LHPs are first of its kind pilot projects showcasing first time use of innovative technologies such as a large scale for research & development, adaptation & replication, learning and Capacity Building of various stakeholders.
- j) The Committee further recommended that, these projects were delayed since inception due to COVID-19 and other unforeseen circumstances which were neither under the control of the MoHUA nor the LHPs Construction Agencies. Also, it was highlighted that it cannot be denied that the unprecedented increase in prices of construction materials, labour including its shortage and other related items due to COVID-19 in India before the actual start of construction of projects on 1st January 2021 and also during construction in second and third wave of COVID-19 in April-July 2021 and January–March 2022. Therefore, the Committee recommended that it would be unfair and prejudicial on part of the Competent Authority in MoHUA not to consider at least the realistic cost escalation so that the LHP Construction Agencies do not suffer major losses.
- k) Accordingly, the Committee re-examined the issue of cost escalation assuming that cost escalation clause would have been available in CPWD EPC mode contract and the same is applicable in the present context. The Committee has referred the CPWD Manual and its cost escalation clauses for working out various options of cost escalation and suggested to consider the cost escalation based on the CPWD norms for EPC contract.
- l) The Committee in its report has recommended the amount of cost escalation worked out for likely period of escalation based on WPI & Labour Rate issued by concerned Labour Department of State Govt. and as per CPWD norms. LHP-wise recommendations were presented and discussed by PMC. After detailed discussion, the Chairman, PMC directed the Committee to present the methodology of the estimation of cost escalation present and also the reason for difference between the claimed amount and recommended amount to consider it further.
- 7. Regarding the claim for consideration of extra cost against the additional work incurred by the Construction Agency of Light House Project at Agartala, the following was mentioned by BMTPC before PMC:
 - a. The outbreak of COVID-19 and the subsequent lockdowns delayed the project and several problems at project site including being surrounded by ponds, lack of proper access roads, change in the designated land parcel by the State Government, inclement weather and other complications slowed the pace of work at LHP Agartala.

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- b. Further, the Construction Agency submitted a claim for additional work and expenses incurred in the LHP at Agartala due to unforeseen challenges at the construction site. The claims based on the Tripura PWD schedule of rates 2020, stem from changes in the land parcel, which was largely reclaimed from ponds and lacked proper dewatering and compaction. This led to increased costs for additional soil testing, additional pile foundation work and continuous dewatering throughout the construction, reclamation of land by filling up the drains etc. Additionally, the Agency had to construct a temporary road between two parcels of land, fill an existing drain passing through the project site and create proper access to the site from the main road. Due to high and frequent rainfall and waterlogging risks, the plinth height was raised, further adding to the expenses. Furthermore, the increased land area provided by the Government beyond the original RFP specifications required additional external infrastructure development, including water supply, sewerage, electricity, drainage systems, and landscaping.
- c. All these factors contributed to the extra costs claimed by the Agency. The details of issues raised by the Construction Agency with regard to the additional work at LHP Agartala site and resultant additional cost incurred are stated below:

i. Increase in land area for LHP construction land area:

- While handing over the site for construction of the project, 24,168.11 sqm. land was given to the Agency at khatian No. 1/116 which was surrounded by ponds on three sides having 2 mt. deep water. Technically, it was very difficult to plan the whole project comprehensively and moreover the two ponds filled with water of 2 mt. deep which needed dewatering and filling up with sand and compaction.
- After continuous follow up with Government of Tripura and the Ministry, another Plot with extra land area of about 9,000 sqm. in with khatian No. 1/116 was provided by the State Government for construction of LHP Agartala on 31.10.2020. As a result, the total land area for construction of the project increased from 24,168.11 sqm. to 33,168.11 sqm. as against the originally provided in the RFP and subsequent handover by the BMTPC.
- The new land was in available in two separate parts with several obstacles such as no connecting road in between two parcels, it was reclaimed after filing up the existing pond without dewatering and without proper compaction, High-Tension line was passing through such a way that it actually divided the plot from the centre, no access road was available for the vehicles and machinery to reach to the site, several pucca structures were there at the site and the local community residing near the site had encroached on the plot, a storm water drain was passing through the plot and few slush and water logged patches were there in proposed five blocks.
- ii. Change in Safe Bearing Capacity (SBC) resulting into additional soil testing: In the new area, various patches were reclaimed by filling up the existing ponds and therefore, 12 soil tests in different parts of the plot area were executed to identify the exact value of soil bearing capacity for exact requirement of piles for the super structure.
- iii. Requirement of additional Pile tests due to change in Safe Bearing Capacity (SBC): For justifying the workmanship of casted piles, the

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- integrity test of 100% requirement is the general criteria to ascertain the quality of workmanship and hence, additional Load test and integrity test (1,785 against 1,119 tests) were done.
- iv. Extra cost incurred due to increase in depth of pile foundation due to change in land: As the new land parcel included area which was reclaimed after filling up the exiting pond and marshy land, it required higher strengthen of pile foundation. Therefore, the depth of pile increased from 27 mt. to 30 mt. in length including 2 mt. cut-off and with M-30 grade concrete, as per the revised structural design.
- v. Requirement of additional Pile Work due to change in Safe Bearing Capacity (SBC): As the SBC was very low in the new land parcel to counterbalance the vertical and horizontal forces, seismic forces of the proposed building, therefore, the structural design changed and as a result, additional 637 piles had to be executed instead of the originally planned 1,113 piles. Now, a total of 1,750 piles were to be executed for the whole project at the new land.
- vi. Extra cost incurred for filling up of various unfilled, non-reclaimed pond/land parcels: While handing over the site by State Govt., the existing ponds were refilled by State Govt. without dewatering and without proper compaction. However, for the execution of the project, the same work was once again carried by the Agency by removing the excess water from the pond area, removing the slush and the dewatered pond/area was refilled with brick bats and suitable soils with compaction.
- vii. Additional cost incurred due to frequent dewatering from the site:

 Due to marshy land and poor soil condition, the land used to become like pond during frequent rains as water used to come to the surface and we have to dewater & de-slush the block areas. Therefore, it was completely difficult to continue the work post rains without dewatering. In this situation, frequent dewatering from the site was done to restart the work at site.
- viii. **Cost incurred to construction of temporary road for smooth construction:** On the new land, there was no proper and enough space available for RMC concrete at block area for pile work and foundation. Therefore, to execute the project smoothly, the agency had to construct a temporary road of 315 mt. length in between these two land parcels for smooth functioning from RMC plant to entry gate and for individual blocks.
- ix. **Cost incurred due to filling up the existing drain passing through the site:** In this new land, a stormwater drain of varying size with length @ 242 width minimum 2 mt. and depth minimum 1.5 mt. was passing through the proposed Blocks A, B and G. Therefore, in order to make the site ready, workable and compact for pile foundation and follow up activities, the drain was filled and compacted.
- x. **Extra Plinth height considering the pond area and future rain:** As the majority of the land was reclaimed over existing ponds. Hence, the slope of the area was towards the project area. Agartala is a land of heavy and frequent rain. As this land is over an existing pond, it was envisaged that the natural drain water will be accumulate in this area and as a result in future the residents of this prestigious project will have to suffer a lot. Therefore, the plinth height of about 900 mm. was

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increased from the nearest road to eliminate such kind of problem in future.

- Construction of additional physical/civic infrastructure facilities: Originally, apart from housing, the physical/civic infrastructure facilities for the project was planned and budgeted as per the land area of 26,802 sqm. However, with the change and increased land area of 33,168.11 sqm., the physical/civic infrastructure work for additional area was also planned and being executed which included water supply, sewerage including STP/septic tank, sewer line, inspection chambers electricity lines, storm water drainage, rainwater harvesting, solid waste management, signage, installation of solar street lights and other associated works etc. outside the residential buildings and within the boundary wall of the project.
 - d. The Agency submitted several invoices for the extra work with the final invoice amounting to Rs. 40,00,11,078/- including GST. The proposal of the Construction Agency was forwarded to BMTPC vide this Ministry's letter dated 21.07.2023 for examination and submission of report on the said matter. The said invoice of the Agency was forwarded to BMTPC for examination and submission of report on the said matter.
 - e. BMTPC has submitted a detailed report prepared by a Committee under the Chairmanship of ED, BMTPC. The report has been prepared based on scrutiny of documents and data provided by the Agency and on physical verification of extra work by the site engineer deployed at LHP Agartala. The report states that the extra cost incurred for additional works, amounts to Rs. 30,03,52,919/- including GST @18% against the claimed amount of Rs. 40,00,11,078/- by the Agency as detailed under.

S. No.	Particulars	Cost Proposed	Cost Recommended
		by the Agency	by the Committee
1	Soil testing/pile testing	36,29,547	28,86,030
2	Extra Pile work	19,48,65,833	16,01,69,743
3	slush removal/soil filling/ compaction	1,11,40,292	1,17,25,508
4	Continuous Dewatering	10,26,587	10,26,587
5	Temporary road between two land parcels	3,12,97,103	2,13,35,105
6	Refilling of existing drains	52,62,084	45,32,611
7	Making proper approach road to the site		72,25,914
8	Making extra plinth height to counter the water logging	, , ,	47,54,940
9	Additional infrastructure due to increase of land area		8,66,96,482
Total		40,00,11,079	30,03,52,919

After detailed discussion, the Chairman, PMC directed to prepare the agenda and place the matter before ensuing CSMC.

8. At the end, after taking a considerate view on the current progress of the projects, the issues flagged by the Construction Agencies and respective States, the Chairman re-emphasized that Construction Agency of LHP Indore,

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Lucknow must take all measure to expedite the allotment and occupancy of the houses for the beneficiaries before Diwali. The Chairman directed the Construction Agency of Agartala to take necessary measures including regular and timely supply of materials and deployment of required additional manpower to complete the projects in all respect at the earliest. With regard to the cost escalations of the LHP Construction Agencies, the Chairman directed the BMTPC to present detailed methodology for calculation of the reimbursable amount in both cases.

9. The meeting ended with a vote of thanks to the Chair.

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List of Participants

		Name of the Organisation
1.		Ministry of Housing and
		Urban Affairs (MoHUA)
	Chairman	*
	Shri R.K. Gautam, DDG (HFA-V)	
	Shri C.N. Jha, Dy. Chief	Building Materials and
		Technology Promotion
		Council (BMTPC)
	Dr. S. Prabhakar, IAS, Mission Director	,
0.		Nadu
7.	Shri S. Lal Bahadur, Chief Engineer	
8.		Government of Gujarat
	Shri Bhavin Patel	dovernment of dajarat
	Shri V.C. Mundhva, Dy. Executive	Rajkot Municipal
10.		
1.1	0	Corporation
		Government of Tripura
12.	1120.1120.01100, 1120.01100 = 1120.011, 1120.011	Government of
		Jharkhand
	Shri Gautam Prasad Sahu, Deputy	
	Municipal Commissioner	Corporation
	Shri Parikshit Sanjayrao Zade, IAS,	Government of Madhya
	Mission Director (PMAY-U) & Additional	Pradesh
	Commissioner	
15.	Shri Moonish Ansari, SLTC	
16.	, , , , , , , , , , , , , , , , , , , ,	Indore Municipal
17.	Shri Ankush Chourasia, Assistant	Corporation
	Engineer	
18.	Shri Anil Kumar, IAS, Director, SUDA	State Urban
19.	Shri Atul Singh Chouhan, Program Officer	Development Agency
20.	Shri Asjad Alvi, Urban Planner	(SUDA), Uttar Pradesh
21.	Shri Saurav Tripathi, Project Officer	District Urban
		Development Authority
		(DUDA) Lucknow, Uttar
		Pradesh
22.	Shri H.K. Wadhwa, Officer on Special Duty	Uttar Pradesh Awas
	, , , , , , , , , , , , , , , , , , , ,	Vikash Parishad,
		Lucknow, Uttar Pradesh
23.	Shri Ashwin Kumar	Indian Institute of
24.	Shri Saurabh Shiradhonkar	Technology, Roorkee
25.	Shri Rupen Goswami	Indian Institute of
20.	omi rapon doonami	Technology, Madras
26.	Prof. H Benerji	Indian Institute of
20.	1 Tol. II Dollorji	Technology, Kharagpur
27.	Shri Ajay Shah, Director	M/s Mitsumi Housing
21.	Sili Ajay Silali, Dilectul	Pvt. Ltd.
28.	Shri Rakesh Koldiya	M/s JAM Sustainable

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29.	Shri Umesh Malani, Director	M/S Malani
		Construction Co.
30.	Shri Sanjay Patkar, Director	M/s KPR Projectcon Pvt.
31.	Shri Pawan Bethmutha, Director	Ltd.
32.	Shri Kashinath Kinge, Project Manager	
33.	Shri Siddhartha Sharma, President	M/s SGC Magicrete LLP
34.	Shri Yogesh Aychitte, Sr. General Manager	
		Construction Technology
		Pvt. Ltd.
35.	Shri, Nikhil Nagar, Site Engineer, BMTPC	LHP Agartala
36.	Shri Ramachandran, Site Engineer,	M/s Mitsumi Housing
	Agartala	Pvt. Ltd
37.	Shri Manish Kumar	PMU-HFA, MoHUA
38.	Shri Kanha Godha	
39.	Shri Abhishek Mishra	

