



भारतसरकार  
केंद्रीय लोकनिर्माणविभाग  
तकनीकीअनुप्रयोग एवंमानक एकाई  
कमरा सं० 418 ए-विंग, निर्माणभवन  
नईदिल्ली

<http://cpwd.gov.in>

टैलीफैक्स-011-23062339 ईमेल-delsetascsq.cpwd@nic.in

F. No. 133/SE(TAS)/DSR/2019/ 376-हि

Dated 17/09/2019

**OFFICE MEMORANDUM**

**Subject: Adoption of New & Emerging Technologies in Construction works undertaken by CPWD  
- regarding.**

**Ref:-**

1. OM JS/Works/OM/2016 dated 30.05.2016
2. OM No. 28012/7/2016/W-3 dated 28.12.2016
3. OM no. 28012/7/2016-W-3 dated 20.03.2018
4. OM No 133/SE(TAS)/DSR/2018-19/464-H dated 06.11.2018
5. OM No. 133/SE(TAS)/DSR/2018-19/519-H dated 16.11.2018
6. OM no. 133/SE(TAS)/DSR/2018-19/16-H dated 07.01.2019
7. OM no. 133/SE(TAS)/DSR/2019/115-H dated 12.03.2019

As per the above OMs, at least one of the 16 already approved new and emerging technologies is mandatory to be adopted for all the projects across the country irrespective of location and cost.

The following 13 new and emerging technologies are approved in addition to the existing 16 new and emerging technologies.

S.No	Name of Technologies	DSR items (Reference)
1.	Advanced building system- EMMEDUE	26.46 & 26.47 (already available since DSR-2016) 26.66 (OM No. DG/DSR/27 dated 13.08.2018), 26.67 (OM No. DG/DSR/31 dated 19.11.2018),
2.	Rapid panels	
3.	QuickBuild 3D panels	
4.	Concrewall panel system	
5.	Bau Panel system	
6.	Fly ash EPS (Beads) cement sandwich panels	26.49 (OM No. DG/DSR/20 dated 10.11.2018)
7.	Rigid EPS (Cellular plastic material) blocks	26.82 (OM No. DG/DSR/37 dated 06.08.2019)
8.	Light Gauge Steel Framed Structure with infill Concrete panel technology	26.41 to 26.43 (already available since DSR-2016)
9.	SRPL Building System (Waffle-Crete)	26.73 to 26.80 (OM No. DG/DSR/18 dated 20.07.2017)
10.	Precast Large concrete Panel System	
11.	Walltech Hollow core concrete panel	
12.	Robomatic Hollow concrete wall panels	
13.	Stamping concrete	26.83 (OM No. DG/DSR/41 dated 06.08.2019)

The following modification is made in the existing approved technologies

Existing name of Technology	Modified name of Technology
Expanded Polystyrene core panel system	Reinforced EPS core panel systems

As decided earlier, in case it is not found feasible to implement these provisions in a particular project, specific permission must be obtained from DG, CPWD on case to case basis with detailed justification.

This issues with approval of DG, CPWD.

  
Superintending Engineer (TAS)

Copy to:-

(Through website)

1. PS to HUAM
2. Sr. PPS to Secretary (HUA)
3. PS to Ass/JSs in MoHUA
4. All the SDGs/ADGs/CEs/CPMs/PMs of CPWD and PWD (GNCTD) through CPWD website <https://cpwd.gov.in> for information and necessary action please.

  
Superintending Engineer (TAS)