



CENTRAL PUBLIC WORKS DEPARTMENT
OFFICE MEMORANDAM
DG/DSR/010
ISSUED BY AUTHORITY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN NEW DELHI

DATED 24/06/2016

Sub: -Correction slip No.5 to Delhi Schedule of Rates 2014.
OFFICE MEMORANDAM

It has been decided with the approval of DG, CPWD to include following new technology items in Delhi Schedule of Rates 2014. The nomenclature of these new technology items and their relevant Analysis of Rates are also included in CPWD DAR-2014.

| S.No | Item No | Particulars of technology | Number of items |
|------|---------------------------|--|-----------------|
| I | New technology item No. 1 | Expanded Polystyrene core panel system | 2 items |
| II | New technology item No. 2 | Light gauge steel framed structure | 5 items |
| III | New technology item No. 3 | Aluminium formwork for monolithic construction | 1 item |

Particulars and details of these items detailing their nomenclature and relevant Analysis of Rates are uploaded on CPWD website.

This issues with the approval of DG, CPWD.


24/6/16
(R.B.Garg)

Executive Engineer (TAS-II)
CSQ, CPWD, Nirman Bhawan, New Delhi

No.133/SE(TAS)/CS-DSR-2014/2015-16/ 172-E

Dated: 24.06.2016

Copy to: All the SDG/ADG/CEs/CPMs through CPWD website <http://cpwd.gov.in>


24/6/2016

Executive Engineer (TAS-II)
CSQ, CPWD, Nirman Bhawan, New Delhi



1/12

Date: 31.05.2016

EXPANDED POLYSTYRENE CORE PANEL SYSTEM

| Item no. | Description of Item | Unit | Rate |
|----------|--|------|---------|
| 1 | Providing and fixing in position, 200 mm thick factory made Expanded Polystyrene Core (EPS Core) wall panels consisting of EPS core sandwiched between two Engineered sheets of welded wire fabric mesh duly finished with shotcrete materials on outer faces. The fabric mesh shall be made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of the wall, kept at 120-135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree) . The EPS core shall consist of 100 mm thick EPS of density not less than 20 kg/ per cum. Both the outer faces of the panel shall be finished by applying the layer of 50 mm thick cement mortar 1:3 { 1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} } with the help of shotcreting/guniting equipment etc at a pressure not less than 1 bar (100Kn/m ²) and both surfaces finished with trowel. Fixing operations of wall panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge. | Sqm | 3278.70 |
| 2 | Providing and fixing in position, 230mm thick factory made Expanded Polystyrene Core (EPS Core) roof/floor panels made of 3 mm dia G.I. wire mesh with 50 mm pitch in both the directions and on both faces of panel, kept at 120-135 mm gap and connected by the zig zag G.I. wire of 3 mm dia at alternate row by welding (at an angle ranging from 50-70 degree). The EPS core shall consist of 100 mm thick EPS of density not less than 20kg/ per cum. The bottom side of the panel shall be finished by applying a layer of 60-65 mm thick cement mortar 1: 3 { 1 cement: 3 coarse sand (not having more than 40% stone chips of size upto 6 mm)} } with the help of shotcreting equipment etc at a pressure of not less than 1 bar (100Kn/m ²) and surface finished with trowel. The top face of the panel shall be provided and finished by applying 70-75 mm thick layer of cement concrete 1:1.5: 3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). Fixing operations of roof/floor panels shall be completed in all respect as per drawings and specifications and under the overall direction of the Engineer-in-charge. | Sqm | 3448.30 |

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LX (TAD)