



Directorate, CPWD

DG/DSR/18

NIRMAN BHAWAN, NEW DELHI - 110011.

This issue with the approval of DG, CPWD.

NIRMAN BHAWAN NEW DELHI

DATED: 20/07/2017

**OFFICE MEMORANDUM**

**Sub:- Correction slip no.6 Delhi Schedule of Rates 2016.**

The following new item of prefab technology to be included in DSR-2016 after item No 5.49 of SH:5 (Reinforced Cement Concrete).

Code No	Description	Unit	Rate (Rs)
5.50	Fabrication & Manufacturing of Prestressed Hollow Core slab (Hollow area 25 to 30%) of different thickness & modular width 1200 mm in Controlled Factory Environment with approved methodology, conforming to IS:10297-1982 by using long line casting method having arrangement of proper steel bed. Concreting should be done by batch mixing plant capable of producing zero slump concrete, transported through automatic shuttels of standard make & layed on bed with the help of extruder/Slipformer, finishing, curing and also provision of steam curing. Cutting, making necessary cutout/holes of required sizes for services in slab element after achieving required strength, yard handling & stacking all complete as per approved shop drawings & design mix as per the direction of the Engineer-in-charge. (Cost of strands should be paid separately). <b>Note: Excess/less cement over the specified cement content used as per design mix is payable/recoverable separately)</b>		
5.50.1	Concrete Grade M-40 (Cement content 400kg)		
5.50.1.1	100 mm thick hollow core slab	metre	878.65
5.50.1.2	120 mm thick hollow core slab	metre	1032.55
5.50.1.3	150 mm thick hollow core slab	metre	1263.45
5.50.1.4	200 mm thick hollow core slab	metre	1546.55
5.50.1.5	250 mm thick hollow core slab	metre	1905.95
5.50.1.6	300 mm thick hollow core slab	metre	2265.30
5.50.1.7	350 mm thick hollow core slab	metre	2624.70
5.50.1.8	400 mm thick hollow core slab	metre	2984.10
5.50.2	Extra for using M-50 (Cement content 425 kg) instead of M-40		
5.50.2.1	100mm thick hollow core slab	metre	17.10
5.50.2.2	120mm thick hollow core slab	metre	20.55
5.50.2.3	150mm thick hollow core slab	metre	25.70
5.50.2.4	200mm thick hollow core slab	metre	31.95
5.50.2.5	250mm thick hollow core slab	metre	39.95
5.50.2.6	300mm thick hollow core slab	metre	47.95
5.50.2.7	350mm thick hollow core slab	metre	55.95
5.50.2.8	400mm thick hollow core slab	metre	63.95
5.50.3	Extra for using M-60 (Cement content 440 kg) instead of M-40		
5.50.3.1	100mm thick hollow core slab	metre	27.40
5.50.3.2	120mm thick hollow core slab	metre	32.90

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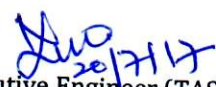


Code No	Description			Unit	Rate (Rs)
	5.50.3.3	150mm thick hollow core slab		metre	41.10
	5.50.3.4	200mm thick hollow core slab		metre	51.15
	5.50.3.5	250mm thick hollow core slab		metre	63.95
	5.50.3.6	300mm thick hollow core slab		metre	76.70
	5.50.3.7	350mm thick hollow core slab		metre	89.50
	5.50.3.8	400mm thick hollow core slab		metre	102.30
5.51	<p>Fabrication and manufacturing of solid precast concrete element with provisions of shear keys, connecting loops, dowel tubes and proper lifting accessories for walls, beams, slabs, stairs, column etc, of various thickness, shape and size of different concrete grades manufactured in controlled factory environment with approved methodology including moulds (Pallet system, Tilts form, table moulds, battery moulds, vertical moulds, beam moulds, column moulds, staircase moulds, Façade mould, etc.), mixing, transporting and placing of concrete, vibrating, curing, finishing, making necessary cutout/holes of required sizes for services, yard handling &amp; stacking all complete as per IS 11447:1985 and as per approved shop drawings and design mix as per the direction of Engineer-in-Charge (Cost of reinforcement, Mechanical, Electrical and Plumbing inserts will be paid separately).</p> <p><b>Note:</b> Excess/less cement over the specified cement content used as per design mix is payable/recoverable separately)</p>				
	5.51.1	Concrete grade M-35 (Cement content 370 kgs)		cum	13765.10
	5.51.2	Extra for using M-40 (Cement content 400 kg) instead of M-35		cum	228.30
	5.51.3	Extra for using M-50 (Cement content 425 kg) instead of M-35		cum	418.55
	5.51.4	Extra for using M-60 (Cement content 440 kg) instead of M-35		cum	532.75
5.52	<p>Providing &amp; laying in position Prestressing steel strands (low relaxation) on hollow core bed by using mechanical pulling arrangement like Rabbit/ Bed master including all accessories for Stressing &amp; destressing operations as per approved make conforming to IS1343 &amp; grade FY-1860 etc, complete as per drawings and direction of Engineer -in-charge.</p>			kg	130.75
5.53	<p>Transportation of Precast Elements by flat bed Tractor (Double / Triple axle 40ft Length with proper accessories like A frame etc) from factory, including the cost of loading, unloading &amp; stacking at site with the help of required capacity cranes.</p>				
	5.53.1	lead with in 15 km		MT	389.85
	5.53.2	Add/Deduct over item 5.53.1 for every additional lead of 5 km		MT	73.00
5.54	<p>Erection &amp; Installation of Precast/Prestressed Concrete elements in correct &amp; final position with proper line level and plumb at site making all arrangements (i.e. cranes, push-pull jacks &amp; all another T &amp; P for lifting Placing &amp; Alignment of elements, within erection tolerance as per IS 15916 as per approved shop drawings and all complete as per the direction of Engineer-in-Charge but excluding the cost of sim pads, non shrink grout and steel works i.e hangers. All work up to fifth floor.</p>				

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EE (TAS-15)



Code No	Description	Unit	Rate (Rs)
5.54.1	Prestressed hollow core slab up to 200 mm thickness	sqm	217.45
5.54.2	Prestressed hollow core slab above 200 mm up to 400 mm thickness	sqm	367.15
5.54.3	Solid concrete wall elements	cum	2642.60
5.55	Providing & Applying weather proof sealant on outer joints of approved make confirming to IS & directed by Engineer-in-charge.		
5.55.1	Sealant 25mmX10mm at joints	metre	460.45
5.56	Providing & Laying of levelling sim pads required sizes (5x5cm to 10x10cm) of PVC / Rubber to adjust level of bearing surface of supporting members as per the direction of Engineer in charge.		
5.56.1	2mm thick	each	17.55
5.56.2	5 mm thick	each	23.40
5.56.3	10 mm thick	each	35.00
5.57	Providing & Grouting of dowel tubes / Shear keys / Joints of precast members with M-60 grade cementitious grout (Non Shrink) of approved make by suitable means (Free flowing /pump), curing etc. Complete as per directions of Engineer-in-charge. (The payment shall be made on the basis of actual weight of approved grout injected.)		
5.57.1	Stirrer mixed cementitious grout (non shrink) of approved make in dowel tubes / Shear keys / Joints of precast members.	kg	65.00

  
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No. 133/SE (TAS)/CS-DSR-2016/ 141-E

Dated: 20/07/2017

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 Executive Engineer (TAS-II)