Reminder-I
MOST URGENT

Govt. of India

CENTRAL PUBLIC WORKS DEPARTMENT

OFFICE MEMORANDUM

DG/ Cost Index/2018-19/

ISSUED BY AUTHORTY OF DIRECTOR GENERAL, CPWD

NIRMAN BHAWAN, NEW DELHI DATED : 27/09/2018

Reference is invited to this Directorates OM No. DG/Cost Index/05 dated 10.03.2015, DG/Cost Index/2015-16/07 dated 05.01.2016 and DG/Cost Index/2018-19/360-H dated 28.08.2018, vide which all the field units were requested to provide input data for the weightages of materials and labour based on the actual field data available with them. These details were required in this Directorate to review the weightage of various materials/labour components for working out the building cost index as given on page no 20 (Annexure-4) in the Plinth Area Rates 2012. The need to review was felt on account of change in the construction technology, mechanization and incorporation of new materials.

The details/data is yet to be furnished by field units/CE's/CPMs/PMs except by the CE (SZ-VI), Chennai and the CE (WZ-IV), Gandhi Nagar, Gujarat, who have submitted details.

All the field units of CPWD are once again requested to furnish the weightages for materials and labour based on actual field data and also suggest the incorporation of new materials (if any) for the reviewing the existing building cost index proforma. These details may be furnished through their respective Chief Engineers/CPMs/PMs. The requisite information on the draft building cost index proforma may be submitted by **October 08, 2018 on Email ID: delsetascsq.cpwd@nic.in**

27.09.18
(M.L. PRASAD)
Executive Engineer (TAS)-II

No. 68/SE(TAS)/CI/2018-19/ 388-760 Dated: 27 /09/2018

Copy to:

1. All the SDG/ADG/CEs/CPMs/PMs of CPWD and PWD (GNCTD) for information and necessary action please (Through CPWD website http://cpwd.gov.in)

27.09.18
Executive Engineer (TAS)-II

Proforma for calculation of building cost index as per PAR 2012

Existing as per PAR-2012					Modified as per PAR-2012		
S No	Description	Weightage of sub component	As on 01.10.2012		S No	Description	Weightage of sub component
			Unit	Weightage			
1	Bricks		1000 no	8.00	1	Bricks	
2	Ordinary Portland cement		quintal	14.50	2	Ordinary Portland cement	
3	Steel		quintal	19.50	3	Steel	
	(a) 8 and 10 mm (TOR steel)	50%				(a) 8 and 10 mm (TOR steel)	50%
	(b) 12 and 16 mm (TOR steel)	50%				(b) 12 and 16 mm (TOR steel)	50%
4	Aggregate 20 mm size		cum	6.50	4	Aggregate 20 mm size	
						(a) Natural sources	**75%**
						***(b) RCA**	**25%**
5	Sand (coarse sand)		cum	3.00	5	Sand (coarse sand)	
						(a) Natural sources	**75%**
						****(b) RA**	**25%**
6	Flooring items		sqm	3.00	6	Flooring items	
	(a) Mosaic tiles	40%				(a) **Vitrified** tiles	**50%**
	(b) Ceramic tiles	40%				(b) Ceramic tiles	**20%**
	(c) Kota stone	10%				(c) Kota stone	**15%**
	(d) Granite stone	10%				(d) Granite stone	**15%**
7	Paints		litre	3.00	7	Paints	
	(a) Synthetic enamel paint	33.33%				(a) Synthetic enamel paint	33.33%
	(b) Oil bound distemper	33.33%				(b) Oil bound distemper	33.33%
	(c) Plastic emulsion paint	33.33%				(c) Plastic emulsion paint	33.33%
8	Ply and commercial wood			5.00	8	Ply and commercial wood	
	(a) 12 mm thick particle board	33.33%				(a) **30 mm flush door shutter (commercial veneering)**	33.33%
	(b) Steel window of standard Z section	33.33%				(b) Steel window of standard Z section	33.33%
	(c) Aluminium window	33.33%				(c) Aluminium window	33.33%

9	Pipes		metre	2.50	9	Pipes	
	(a) 15 mm GI pipe	33.33%				(a) 15 mm GI pipe	10.00%
	(b) 100 mm SCI pipes	33.33%				(b) 100 mm SCI pipes	40.00%
	(c) 20 mm black conduit	33.33%				(d) 20 mm black conduit	20.00%
						(d) CPVC pipes – 20 mm	30.00%
10	Lamps and fans		each	3.50	10	Lamps and fans	
	(a) Ceiling fans 1200 mm	50%				(a) Ceiling fans 1200 mm	25%
	(b) 1.20 m fluorscent tube with fittings	50%				(b) 1.20 m fluorscent tube with fittings	25%
						(c) LED bulbs	50%
11	Electrical machinery fitting: 7.5 HP motor (pump set) 1500 rpm (Kirloskar)		each	2.50	11	Electrical machinery fitting: 7.5 HP motor (pump set) 1500 rpm (Kirloskar)	
12	Wires and cables: Copper wires		100 metre	4.00	12	Wires and cables: Copper wires	
	(a) 1.5 sqmm	70%				(a) 1.5 sqm	70%
	(b) 4.0 sqmm	30%				(b) 4.0 sqm	30%
13	Labour		each	25.00	13	Labour	
	(a) Skilled	50%				(a) Skilled	50%
	(b) Unskilled	50%				(b) Unskilled	50%
					14	**Tools & Plants**	
						(a) Hydraulic excavator (3D) with driver & fuel	**25%**
						(b) Batching and mixing plant @ 15 cum/ hr.	**75%**

Note:

* RCA (Recycled Concrete Aggregate)

** RA (Recycled Aggregate)