



केन्द्रीय भण्डारण निगम
(भारत सरकार का उपक्रम)
Central Warehousing Corporation
(A Government of India Undertaking)



No. CWC/XI-10/Const./1024

DT: 10.12.2018

CORRIGENDUM

Sub:

1. Analysis of rates of Non- Scheduled Items based on DSR 2016
2. Plinth Area Rates based on DSR 2016

Ref:

1. CWC/XI-10/Const./468 dated 31.07.2018
2. CWC/IV-529/Const./588 dated 30.08.2018

Please refer to the office order cited under reference no. 1 for the captioned subject. In this regard, it is to mention that the analysed rates for Item Nos. 3 and 17 are Rs. 184.95 & Rs. 288.74 respectively. The corrected analyses are enclosed at Annex-A.

In respect of reference no. 2, the Annexure-II (B) has been modified incorporating necessary changes. The corrected circular is enclosed herewith at Annex-B

Encl: As above

S. Tripathi
10/12/2018

(S. Tripathi)
Executive Engineer
For Chief Engineer (in-charge)

Distribution to:

1. GGM (F&A)/ GGM (Insp.)/ GGM (Pers.), CWC, CO, New Delhi.
2. GM(System), CWC, CO, New Delhi with request to upload this circular on CWC web site.
3. GM (Comm.)/GM (Fin.), CWC, CO, New Delhi.
4. All the RMs, CWC, ROs
5. All Head of Engg Section, CWC, ROs,.....
6. DGM (IA), CWC, CO, New Delhi.
7. EE (Vig.), CWC, CO, New Delhi.
8. All the EEs/AEs, CWC, Engineering Division, CO, New Delhi.
9. PPS to MD, CWC, CO, New Delhi.
10. PS to Dir (MCP) /PS to Dir (Fin.)/ PS to Dir (Pers.), CWC, CO, New Delhi.
11. Circular File No. CWC/IV-14A/Const. and CWC/IV-358/Const./PAR-2016.

Debraj
12/12/18
J&MIA
ARs

ITEM NO. 03-AR-2016

Item: Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas(exceeding 30 cm. In depth 1.5 m in width as well as 10 sqm. On plan) i/c disposal of excavated earth away from CWC premises in all leads and lifts and in all kinds of soils i/c transportation by Mechanical transport, loading and unloading as per directions of Engineer in charge.

Rs. 184.95 per cum

S.No	Description	Unit	Qty	Rate code No.	Rate (Rs.)	Amount (Rs.)
3AR-16	Refer AOP -16 Vol I rates all kinds of soils Details for 10cum					
AOR Vol. 2.6.1	Machinery					
P-83	Hydraulic excavator (3 D with driver & fuel)	Day	0.04125	0020/2	6500	268.13
	Hired and running charges of loaders	Day	0.04125	0018/2	6000	247.50
	Labour -Mate	Each	0.4	0128/5	407	162.80
	Beldar /Coolie	Each	2	0115/5	368	736.00
					TOTAL	1414.43
	Add for water charges @ 1%					14.14
					TOTAL	1428.57
	Add for contractor's profit & overheads @15%					214.29
					TOTAL	1642.85
	ii) Add for transportation by Mechanical transport (lead 2 km)	Cum	10	2AR/16	136.6	1366.00
	Deduct for 1st 50 mtr. Lead by manual transport	Cum	10	1.2.2/71	115.93	1159.30
	Cost of 10 cum					1849.55
	Cost of 1 cum=Rs.184.95					184.95
	Say Rs. 184.95 Per Cum					

ITEM NO. 17 AR 2016

ITEM: 4 cm. Premix carpet surfacing with 4.8 cum. Of stone aggregate 10 mm nominal size per 100 sqm and 64 kg. of paving asphalt of VG-10 grade of approved quality per cum of stone aggregate i/c a tack coat with paving asphalt VG-10 grade of approved quality at 0.75 kg. per sqm. Of road surface complete i/c consolidation with road roller of 8 to 10 tonne capacity complete.

Rs.288.74 per sqm.

Based on item No.17.50/49/Vol.V AOR-97

S.No.	Description	Unit	Qty.	Rate code	Rate (Rs.)	Amount (Rs.)
	Details of cost for 100 sqm.					
1 A)	Residual petroleum asphalt VG-10	MT	0.382	2916/28	29600	11307.20
	Tack coat 0.75.100 = 75.00 kg.					

	Carpet premixing = 307.20					
	382.20 kg.					
	= 0.382 MT					
B)	Carriage of Bitumen	MT	0.382	2211/23	103.77	39.64
2. A)	Stone Aggregate 10mm nominal size	Cum.	4.8	0297/8	1300	6240.00
B)	Carriage of stone aggregate	Cum.	4.8	2202/23	103.77	498.10
3.A)	Steam coal for heating bitumen (2 Qtls. For 1 MT)	Qtls.	0.764	0370/9	400	305.60
	2x .382 = 0.764 Qtls.					
b)	Carriage of steam coal	MT	0.0764	2200/23	118.59	9.06
4	Labour for cleaning road surface, heating bitumen. Applying tack coat mixing and spreading Aggregate.					
	A) For cleaning : Mate	Each	0.08	0128/5	407	32.56
	Beldar	Each	1.4	0114/5	368	515.20
	Coolie	Each	1.4	0115/5	368	515.20
B)	Heating Bitumen:					
	0.229 Beldar	Each	1.43	0114/5	368	526.24
C)	Applying tack coat Beldar	Each	0.7	0114/5	368	257.60
D)	For screening mixing and spreading premix Mistry	Each	0.38	0130/5	487	185.06
	Aggregatge Beldar	Each	10	0114/5	368	3680.00
E)	Consolidation charges					
	Chowkidar (at barriers for night watch and for road roller	Each	0.27	0113/5	368	99.36
	Bhisti	Each	0.11	0101/5	407	44.77
	Hire charges of road roller	Per day	0.11	0003/2	2200	242.00
	Diesel for Road Roller @ 18 litre/day	Litre	2	1235/17	46.55	93.10
	Carriage of Diesel	L.S.	1.05	9999/62	1.73	1.82
	Hire charges of mixer bitumen	Per day	0.08	M.R.	500	40.00
	Hire charges of coal tar boiler	Per day	0.26	0001/2	800	208.00
F)	MISC.					
	Brushes etc. for cleaning wire brush (with thick wire)	Each	0.11	0364/8	20	2.20
	Soft brush	Each	0.32	0365/9	18	5.76
	Brooms and gunny bag	L.S.	2.6	9999/62	1.73	4.50
	Sundries.	L.S.	3.65	9999/62	1.73	6.31
	Total					24859.28
	Add 1% W.C.					248.59
	Total					25107.87
	Add 15% CP & OH					3766.18
	Cost for 100 M2 =					28874.05
	Cost per sqm. Rs. 288.74					288.74
	Say Rs. 288.74 per sqm.					

**COST INDEX PROFORMA FOR CONST OF COMPOUND WALL (IN ORDINARY SOIL) WITH BRICK MASONRY/ RR MASONRY
(PRELIMINARY ESTIMATES & PROJECT REPORTS)**

SL. NO.	DESCRIPTION	UNIT	RATE PER 2016 DSR I/C CARRIAGE	AS DSR I/C	WEIGHTAGE	MARKET RATE AT SITE MATERIAL/ NOTIFIED RATE FOR WAGES FOR LABOUR	COST INDEX COL.5xCOL.6 COL.4	REMARKS
1	2	3	4	5	6	7	8	
1.	Cement	Qtls.	579.22	18.50				
2.	Stone aggregate c) 40 mm d) 20mm/ 10mm	Cum Cum	1362.79 1403.77	2.00 2.50				Av. Rate of 20mm x 10mm stone aggregate
3.	a) Coarse sand b) Fine sand.	Cum Cum	1303.77 863.77	8.25 1.25				
4.	Bricks 75 class designation/ stone for masonry	1000 nos.	4776.72/ 987.08	31.00				
5.	Shuttering material (for 1 sqm) g) Wall form panel (1.50 no) h) Shoulder (0.50) i) Bridge clips (1.50) j) Single clips (0.70) k) M.S. Tube (2.02) l) Nuts & Bolts (32 nos.) Shuttering oil	Each Each Each Each R/Mtr Each	1350.00 475.00 120.00 43.40 535.30 118.40	2.00				
6.	Lime	Qtl.	550.00	0.25				
7.	Primer & Paint	Litre	107.50	0.25				
8.	M.S. Angles	Qtl.	3784.22	6.00				Av rate of primer & paint
9.	Barbed Wire Weighing 9.30 kg per 100m	Qtl.	4809.22	1.00				
10.	Mason	Each	467.00	6.25				
11.	Beldar/ Coolie	Each	368.00	13.75				
12.	Bhisti/Mate	Each	407.00	4.00				
13.	Fitter/Blacksmith/Painter	Each	460.67	1.90				
14.	White washer	Each	407.00	0.60				Av rate of fitter I & II and painter
15.	T&P c) Mixer d) Vibrator	Per day Per day	800.00 250.00	0.25 0.25				
				100.00				
								Total of Col.7-A Cost Index A-100 %age above/below



Executive Engineer