

No. RW/RM-26 (1)/84

*Dated the 7th November 1984*

To

**All Secretaries of the State Governments dealing with National Highways**

**Subject : Revised rates of hire charges of Central machines**

Please refer to Ministry's letter No. RM-21 (3)/75 dated 4.5.78 with which the hire charges of central machines were intimated to you. Subsequently vide Ministry's letter of even number dated 21st August '84 the State PWDs were informed that the revision of hire charges of central machines is under consideration and revised rates would be circulated shortly.

2. The revised rates of hire charges have now been worked out and are enclosed herewith. As in the previous case the revised rates include the components of ownership charges, operational charges and overhead charges per hour. These do not include running charges which are likely to vary from State to State with different pay scales of staff, and due to prevailing rates of fuel and lubricants. The running charges may therefore be worked out by the State PWDs and included while calculating the total hire charges for being incorporated in NIT and works estimates.

3. The revised rates may be adopted w.e.f. 1.12.84 and the estimates already sanctioned and the tenders already decided based on the old rates of hire charges need not be revised or reopened.

4. In case due to non-availability of Central machines, State Government owned machines are used on National Highway work, the revised rates of hire charges now prescribed by the Ministry of rates adopted by the State Government for their machines whichever is higher may be indicated in the NIT, as already intimated vide Ministry's letter dated 21st August, 1984 referred to above.

5. There is no change in the procedure for accounting of hire charges of central machines already intimated by this Ministry's letter No. RM-21 (3)/75 dt. 4.6.76, 1.10.1977 and 2.5.78.

6. The above instructions may kindly be brought to the notice of all concerned in their department under intimation to the Ministry.

#### HIRE CHARGES FOR CENTRAL MACHINERY

S. No.	Description of machinery	When used by the Department				When used by Contractors			
		Owner-ship charges per hour	Operational charges per hour	Over-head charges per hour	Total usage charges excluding running charges	Owner-ship charges per hr. inclusive of interest & Insurance	Operational charges per hr.	Over-head charges per hr.	Total usage charges per hr. excluding running charges
1	2	3	4	5	6	7	8	9	10
(A)	<b>BITUMINOUS CONSTRUCTION EQUIPMENT</b>								
1.	Hot Mix Plant 20-30 TPH	105.88	157.25	13.16	276.29	179.88	157.25	16.66	353.79
2.	Hot Mix Plant 15-20 TPH	80.12	119.00	9.95	209.07	136.12	119.00	12.75	267.87
3.	Hot Mix Plant 6-10 TPH	40.67	60.54	5.54	106.81	59.76	60.54	6.15	126.45
4.	Paver finisher 75 TPH	30.05	44.63	3.72	78.40	51.05	44.63	4.78	100.46
5.	Bitumen Mixer 8-10 TPH	5.95	8.92	0.74	15.58	10.81	8.92	0.88	20.61
6.	Bitumen Pressure Distributor	25.76	38.25	3.20	67.21	43.75	38.25	4.10	86.10
7.	Tippers 5 Ton	0.72	1.06	0.09	1.87/km	1.22/km	1.06	0.11	2.39/km
8.	Tippers 3-5 Ton	0.59	0.87	0.07	1.53/km	0.99	0.87	0.11	1.97/km
9.	Loader 1½ cyd.	49.01	72.78	6.09	127.88	76.41	72.78	7.45	156.64
10.	Front End Loader 1.5 cum.	50.08	74.37	6.22	130.67	78.08	74.37	7.60	160.05
11.	Front End Loader 0.5 cum.	20.75	30.81	2.58	54.14	32.35	30.81	3.15	66.31
12.	Bitumen Boilers 200-300 gals	1.81	2.69	0.23	4.73	2.65	2.69	.26	5.60
13.	Bitumen storage Tank	5.92	8.92	0.74	15.58	10.81	8.92	0.88	20.61
	<b>HEAVY EARTH MOVING</b>								
14.	Motorised Scraper	193.16	286.88	24.00	504.04	301.16	286.88	25.40	617.44
15.	Towed Scraper	186.00	279.24	23.26	488.50	290.00	279.24	28.46	597.70
16.	Tractor Dozers (Pneumatic)	114.47	170.00	24.22	308.69	178.46	170.00	17.42	265.88
17.	Tractor Dozers (crawler)	135.93	201.87	16.89	354.69	151.13	201.87	17.65	370.65
18.	Grab Dredging crane 1½ cyd.	103.02	153.00	12.75	268.77	175.02	153.00	16.40	344.42
19.	Grab Dredging crane ¾ cyd.	85.85	127.50	10.66	224.01	145.58	127.50	13.66	286.74
20.	Dragline Crawler 1½ cyd.	103.02	153.00	12.75	268.77	175.02	153.00	16.40	344.42
21.	Cranes-5	60.80	90.30	7.56	158.66	94.79	90.30	9.25	194.34
22.	Cranes 10 Tons	76.15	113.10	9.26	198.51	114.02	113.10	11.36	230.48
23.	Motor Graders	84.59	125.63	10.51	220.73	143.71	125.63	13.46	282.80
	<b>COMPACTION EQUIPMENTS</b>								
24.	Road Roller 8-10 tons	10.39	15.58	1.30	27.27	19.29	15.58	1.28	36.15
25.	Tankers-Truck mounted 1000 gal	0.54	0.79	0.06	1.37	1.10	0.79	0.12	2.01
26.	Tractors 40-50 H.P.	5.35	7.29	0.63	13.27	8.08	7.29	0.76	22.13
	<b>OTHER EQUIPMENT</b>								
27.	Welding set	1.29	1.92	0.16	3.37	1.65	1.92	0.18	3.75
28.	Generating set (100/125 RVP)	18.23	27.10	2.25	47.58	28.43	27.10	2.25	57.78
29.	Concrete Vibrator	1.07	1.59	0.13	2.79	1.47	1.59	0.15	3.21
30.	Air compressor (210 cpm)	18.63	27.67	2.31	48.61	27.39	27.67	3.19	58.25
31.	Air compressor (210 cpm)	13.85	20.58	1.71	36.14	20.31	20.58	2.36	43.25
32.	Air compressor (160 cpm)	12.28	18.24	1.52	32.04	16.83	18.24	1.98	37.05

2200/24

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33.	Pumping sets 5 H.P.	0.73	1.08	0.09	1.90	1.07	1.08	0.10	2.25
34.	Pumping sets 10 H.P.	1.28	1.91	0.15	3.34	2.00	1.91	0.19	4.60
35.	Stone crushers 10 Ton	17.17	25.50	2.13	44.80	25.17	25.50	2.53	53.20
36.	Granulators	17.17	25.50	2.13	44.80	25.17	25.50	2.53	53.20
37.	Trucks-5 ton	0.72	1.06	0.09	1.87/km	1.22	1.06	0.11	2.39/km
38.	Concrete Mixers (10 cft)	3.43	5.10	0.43	8.96	4.68	5.10	48	10.26