

No. RW-25012/1/98-RMP

Dated, the 25th January, 2000

To

The Secretaries of the State, Govts. (dealing with National Highways)

Subject : Usage charges of plant and Machinery to be used on National Highways

The usage charges of Plant and Machinery were incorporated in the Chapter 10 of Standard Data Book of the Ministry of Surface Transport published by IRC in 1994, the revision of which was under consideration in the Ministry due to increase in cost of machines and plant, wages of staff, POL charges, etc. These have now been finalised, as shown in *Appendix*. It has been decided that the usage charges of plant and machinery shown in *Appendix* may be adopted for inclusion in works estimate, in future.

2. The calculations have been made following Ministry's guidelines contained in letter No. RW21(3)/75 dated 4th June, 1976, RW24011/1/88-RMP dated 5th May, 1988 and RW-24011/5/93-RMP dated 30th December, 1998.

3. These usage charges of plant and Machinery includes hire charges, operational, servicing and running charges component, and are applicable to Department and Contractor separately.

4. In case Department machines are available with the State Govt., the operational rates should be incorporated in works estimate and ensured that Ministry's machines are fully utilised. It may also be ensured that similar type of machine, for which provisions have been made in the works estimate are deployed on that specific job.

5. It has got the approval of Director General (Road Development) & Addl. Secretary.

[Enclosure to Ministry's Circular No. RW-25012/1/98-RMP dated 25th January, 2000]

Appendix

USAGE CHARGES FOR PLANT AND MACHINERY

Description of machine	Capacity/ output of machine	Unit of measure- ment	Unit Rate (Rs)		Remarks
			for the department	for the contractor	
(1)	(2)	(3)	(4)	(5)	(6)
Drum Mix Plant 40/60 TPH	60 TPH	per hour	6004	6169	Rates
Hot Mix Plant 30/45 TPH	40 TPH	-do-	6062	6328	include
Hot Mix Plant 20/30 TPH	25 TPH	-do-	3914	4082	hire
Hot Mix Plant 6/10 TPH	8 TPH	-do-	1238	1268	charges of
Paver Finisher hydraulic with Sensor	75 TPH	-do-	1014	1165	machines,
Paver Finisher Mechanical self propelled	75 TPH	-do-	473	519	POL wages of staff
i) Bitumen Pressure Distributor (with bitumen)	4 T	-do-	618	659	and
ii) Bitumen Pressure Distributor (with emulsion)	4T	-do-	450	491	routine maintenance
Generating set 125 KVA	100 KVA	-do-	393	424	
Loader 1 cum	1 cum	-do-	446	495	
Tipper, 10 T	10 T	per km	14.06	14.85	
Tandem Road Roller	8.5 T	per hour	581	668	

(1)	(2)	(3)	(4)	(5)	(6)
Pneumatic Tyre Roller	8 T	-do-	637	740	
Road Roller	8/10 T	-do-	251	275	
J.C.B. Excavator	0.24/1 cum	-do-	521	582	
Wheeled Dozer D-50 BEML		-do-	986	1124	
Motor Grader BEML		-do-	990	1128	
Vibratory Roller	10 T	-do-	656	754	
Tractor	50 HP	-do-	205	223	
Air Compressor	170 cfm	-do-	184	196	
Bitumen Boiler	2.5 T	-do-	117	120	
Wet Mix Plant	60 T	-do-	638	721	