

MACHINERY USE RATES FOR THE YEAR 2013-14 (1/07/2013 To 30/06/2014)

Sr.No.	Name of Equipment	Rate of Depreciation	Rate of Repair	Rate of Running and Maintenance	Total Machinery Use Rate
		per hour	per hour	per hour	per hour
		A	B	C	A +B+C
1	2	3	4	5	6
		Rs.	Rs.	Rs.	Rs.

1) SCRAPER

1.1) Terex TS-24 Scraper	10.00	1840.00	4077.00	5927.00
1.2) CAT 627 B Scraper	10.00	1654.00	3251.00	4915.00
1.3) Terex TS-14 B Scraper	10.00	1140.00	2452.00	3602.00
1.4) Euclid B-6 FDT Scraper	10.00	718.00	2080.00	2808.00
1.5) John Deer J D 762 B Scraper	91.00	883.00	1847.00	2821.00

2) EXCAVATOR

2.1) Poclain CK 300	215.00	1210.00	2792.00	4217.00
2.2) Demag H51	10.00	1155.00	2586.00	3751.00
2.3) L&T Poclain HC 300	10.00	1094.00	2585.00	3689.00
2.4) Poclain CK 90	10.00	383.00	1581.00	1974.00
2.5) Atlas E 1602 (Backhoe)	10.00	231.00	1333.00	1574.00
2.6) Poclain LC 80	10.00	279.00	1376.00	1665.00
2.7) Tata Hitachi EX 100	170.00	409.00	1210.00	1789.00
2.8) JD 550B Backhoe	90.00	216.00	1300.00	1606.00
2.9) JD Wheel Tr(2130) backhoe	10.00	410.00	625.00	1045.00
2.10) JCB JS 80	119.00	138.00	924.00	1181.00
2.11) Tata Hitachi EX 200	191.00	210.00	1455.00	1856.00
2.12) Tata Hitachi EX 200 with Rock Breaker Attachment	239.00	262.00	1663.00	2164.00
2.13) Tata Hitachi EX 200 with Slope Compactor Attachment	236.00	260.00	1663.00	2159.00

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		Rs.	Rs.	Rs.	Rs.
	2.14) Tata Hitachi EX 70	109.00	118.00	855.00	1082.00
	2.15) TATA EX 350	338.00	557.00	2086.00	2981.00
	2.16) JCB JS 140	172.00	199.00	1142.00	1513.00
	2.17) JCB JS 140 with Slope Compactor Attachment	222.00	257.00	1284.00	1763.00
	2.18) L&T CK72	167.00	194.00	1072.00	1433.00
	2.19) Tata Hitachi EX 120H	189.00	114.00	1142.00	1445.00
	2.20) BEML BE 200	217.00	132.00	1493.00	1842.00
	2.21) BEML BE 71	110.00	66.00	925.00	1101.00
	2.22) Terex 72-21 Backhoe	26.00	227.00	1287.00	1540.00
3)	WHEEL LOADER				
	3.1) Terex 72-21 Wheel Loader	10.00	524.00	1664.00	2198.00
	3.2) Tata Wheel Loader	143.00	221.00	1365.00	1729.00
	3.3) Fiat Allis 745 C Loader	10.00	798.00	2151.00	2959.00
	3.4) Caterpillar 966 D	10.00	682.00	1924.00	2616.00
	3.5) Caterpillar 930	35.00	424.00	1626.00	2085.00
	3.6) Escort JCB- 3C	40.00	365.00	1012.00	1417.00
4)	CRAWLER LOADER				
	4.1)Caterpillar 977-L	29.00	392.00	2090.00	2511.00
5)	CRAWLER TRACTOR				
	5.1) Komatsu D-355 A-3 Crawler tractor	10.00	1131.00	3502.00	4643.00
	5.2) BEML D-355 A-3 Crawler tractor	135.00	1220.00	3502.00	4857.00
	5.3) BEMLD-155 A-1 Crawler tractor	10.00	1204.00	2941.00	4155.00
	5.4) CAT D-9-H Crawler tractor	10.00	1445.00	3502.00	4957.00
	5.5) CAT D-8-K Crawler tractor	10.00	1386.00	2920.00	4316.00

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		Rs.	Rs.	Rs.	Rs.
5.6)	CAT D-8-H Crawler tractor	10.00	1154.00	2688.00	3852.00
5.7)	CAT D-7-G Dozer	10.00	768.00	2149.00	2927.00
5.8)	Bharat D-80-A12	10.00	687.00	2015.00	2712.00
5.9)	JD 550-B Dozer	10.00	389.00	1073.00	1472.00
5.10)	Cat D-4-D Dozer	10.00	261.00	1198.00	1469.00
5.11)	Cat D-4-E Dozer	10.00	401.00	1131.00	1542.00
5.12)	Cat D-3-B Dozer	10.00	260.00	1073.00	1343.00
5.13)	Cat D-3-79-U Dozer	10.00	218.00	1006.00	1234.00
5.14)	Shantui SD-16 Dozer	471.00	1242.00	1573.00	3286.00
5.15)	Shantui SD-13 Dozer	337.00	888.00	1372.00	2597.00
6)	DUMPER				
6.1)	WABCO-35 Dumper	10.00	743.00	2650.00	3403.00
6.2)	BHARAT-35 Ton Haulpack	99.00	864.00	2336.00	3299.00
6.3)	Terex R-25-H4TD	65.00	643.00	2135.00	2843.00
6.4)	BHARAT-25 Ton Haulpack Dumper	10.00	757.00	2314.00	3081.00
6.5)	A.L.Hippo ALH 1/5	10.00	432.00	1735.00	2177.00
6.6)	A.L.Beaver	12.00	151.00	1294.00	1457.00
7)	MOTOR GRADER				
7.1)	Komatsu GD-605-A-3	87.00	578.00	1246.00	1911.00
7.2)	BEML Grader 605-R-1	10.00	630.00	1246.00	1886.00
8)	VIBRATORY COMPACTOR				
8.1)	Dynapack CA 51	10.00	1014.00	1678.00	2702.00
8.2)	Aveling Barford Vib. Comp	10.00	558.00	1141.00	1709.00
8.3)	L&T Sismopactor TT 900	107.00	780.00	1215.00	2102.00
8.4)	Sismopactor 850-S	55.00	471.00	1275.00	1801.00

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13.4) MARSHALL DEMAG 30T 182.00 371.00 1589.00 2142.00

13.5) COLES 1510 (S)15.85 T 31.00 236.00 782.00 1049.00

13.6) COLES MOBILE ANEAS
12.5 T 13.00 239.00 775.00 1027.00

13.7) ESCORT MOC -8E 18.00 78.00 544.00 640.00

13.8) ESCORT MOBILE 8 T 58.00 111.00 544.00 713.00

13.9) ESCORT MOC 5T 22.00 62.00 520.00 604.00

13.10) ESCORT MOC 3 T 10.00 69.00 484.00 563.00

13.11) JD Wheel Tractor Crane 52.00 127.00 452.00 631.00

13.12) Usha Atlas DC-6 18.00 67.00 438.00 523.00

14) DIESEL WELDING PLANT

14.1) DIESEL WELDING PLANT
30HP 3.00 35.00 334.00 372.00

15) AIR COMPRESSOR

15.1) 510 Cfm. Elect. 4.00 89.00 567.00 660.00

15.2) 400 Cfm 10.00 94.00 918.00 1022.00

15.3) 260 / 250 Cfm 6.00 44.00 641.00 691.00

15.4) 280 cfm 6.00 44.00 641.00 691.00

15.5) 210 Cfm 4.00 43.00 640.00 687.00

15.6) 175 Cfm 3.00 32.00 472.00 507.00

16) GENERATING SET

16.1) 125 to 135 KVA 5.00 73.00 1023.00 1101.00

16.2) 100 KVA 4.00 55.00 919.00 978.00

16.3) 41 to 60 KVA 2.00 30.00 638.00 670.00

16.4) 31 to 40 KVA 2.00 37.00 494.00 533.00

16.5) 21 to 30 KVA 2.00 29.00 362.00 393.00

16.6) 10 to 20 KVA 1.00 26.00 276.00 303.00

16.7) 6 to 7.5 KVA 1.00 15.00 213.00 229.00

16.8) 5 KVA 1.00 12.00 151.00 164.00

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17) PUMPING SET (DIESEL & ELECTRICAL)

17.1) 75 HP	3.00	33.00	386.00	422.00
17.2) 50 to 60 HP	2.00	32.00	373.00	407.00
17.3) 30 to 40 HP	2.00	29.00	284.00	315.00
17.4) 20 to 29 HP	1.00	23.00	242.00	266.00
17.5) 10 to 19 HP	1.00	20.00	189.00	210.00
17.6) 5 to 9 HP	1.00	12.00	149.00	162.00
17.7) 3 HP	1.00	8.00	90.00	99.00
17.8) 2 HP	1.00	8.00	79.00	88.00

18) BORING MACHINERY (RATE IN Rs/Meter)

18.1) Over Burden by Diamond Drilling Machine	10.00	92.00	801.00	903.00
18.2) Quartzite by Diamond Drilling Machine with NX Bit Core size 54mm (2 1/8 inch)	16.00	555.00	3606.00	4177.00
18.3) Quartzite by Diamond Drilling Machine with BX Bit Core size 41.3mm (1 5/8 inch)	10.00	421.00	2708.00	3139.00
18.4) Quartzite by Diamond Drilling Machine with AX Bit Core size 30.2mm (1 3/16 inch)	8.00	277.00	1821.00	2106.00
18.5) Other Rock With Diamond Drill with NX bit Machine (0 to 50 Meters) Core Size 54 mm (2 1/8 inch)	15.00	233.00	1784.00	2032.00
18.6) Sample Cores 18" (45.7 cm), 24" (60.9 cm), 36" (91.4cm) Dia in masonry / Concrete upto 0.9 meter				
18"	0.00	2394.00	4812.00	7206.00
24"	0.00	3548.00	6647.00	10195.00
36"	0.00	4729.00	8868.00	13597.00

19) SPECIAL EQUIPMENT OF P.W.S. DEPTT.

19.1) Bronto Sky Lift Bridge Inspection Unit	360	772.00	1818.00	2950.00
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