

Machinery Use Rate 2019-20

Period- 1/07/2019 to 30/06/2020

Name of Equipment	A	B	C	Total A +B+C
1	2	3	4	5
1) EXCAVATOR				
1.8 CUM & Class - A Machineries(0-40%) Total Life 17500 hrs (upto 7000 hrs)				
1.1) Volvo EC 300 DL (New 2018)	546.00	455.00	1346.00	2347.00
1.7 CUM & Class - C Machineries Total Life 17500 hrs (13125 to 17500 hrs)				
1.2) TATA EX 350	358.00	532.00	1707.00	2597.00
0.9 CUM & Class - A Machineries (0-40%) All Excavator Total Life 15000 hrs (upto 6000 hrs)				
1.3) Tata Hitachi ZX 220LCM (2016,2017) JCB JS 205 (2016) Hyundai R-210 (2016)	256.00	228.00	1106.00	1590.00
0.9 CUM & Class - B Machineries (40-75%) All Excavator Total Life 15000 hrs (6000 to 11250 hrs)				
1.4) BEML BE200 (2012, 2014) /Tata Hitachi EX 200	231.00	411.00	1106.00	1748.00
1.5) Tata Hitachi EX 200 with Rock Breaker /Slope compactor attachment	253.00	574.00	1308.00	2135.00
0.6 CUM & Class - A Machineries (0-40%) All Excavator Total Life 15000 hrs (upto 6000 hrs)				
1.6) Kobelco SK 140 HDLC-8 (2016/2017)	270.00	160.00	804.00	1234.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
0.6 CUM & Class -B Machineries (40-75%) All Excavator Total Life 15000 hrs (6000 to 11250 hrs)				
1.7) JCB JS 140 (2008-09, 2016) Tata Hitachi Zaxis 120 H (2012, 2014, 2015, 2016)	188.00	306.00	804.00	1298.00
1.8) JCB JS 140 with Slope Compactor Attachment	235.00	333.00	991.00	1559.00
0.6 CUM & Class -D (100% above)				
1.9)Tata Hitachi EX 100	10.00	466.00	804.00	1280.00
0.44 CUM & Class -A Machineries				
1.10) BEML BE 220 Long boom	332.00	185.00	1106.00	1623.00
0.3 CUM & Class -A Machineries				
1.11) JCB JS 81 (2015, 2016) Hyundai R-80-7/ (2016) BEML BE 75 (2014, 2015, 2016)	135.00	80.00	653.00	868.00
0.3 CUM & Class -B Machineries				
1.12) BEML BE 71 / Tata Hitachi EX 70	116.00	131.00	653.00	900.00
0.3 CUM & Class -C Machineries				
1.13) JCB JS 80	126.00	200.00	653.00	979.00
0.18 CUM & Class -A Machineries				
1.14) Tata Hitachi zaxis 50	140.00	94.00	426.00	660.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
2) WHEEL LOADER (15000 hrs)				
0.26 / 0.24 / 0.23 CUM				
2.1) Tata Wheel Loader 3036 (2 cum)	152.00	430.00	1031.00	1613.00
2.2) Mahindra Earthmaster -SX Tata Hitachi TH-86(0.24 / 1.0 cum) Case 770T with backhoe BEML BL 9 H Loader with backhoe	113.00	134.00	577.00	824.00
3) CRAWLER TRACTOR				
3.1) Komatsu / BEML D-355 A-3 CAT D-9-H Crawler tractor	10.00	1042.00	2740.00	3792.00
3.2) BEML D-155 A-1 / CAT D-8-K Crawler tractor	10.00	1042.00	2159.00	3211.00
3.3) CAT D-8-H Crawler tractor	10.00	951.00	2044.00	3005.00
3.4) CAT D-7-G Dozer	10.00	756.00	1477.00	2243.00
3.5) BEML BD 80 (2016)	765.00	68.00	1266.00	2099.00
3.6) Shantui SD-16 Dozer	498.00	387.00	1266.00	2151.00
3.7) Shantui SD-13 Dozer	357.00	387.00	1006.00	1750.00
3.8) BEML BD 50 (2016)	647.00	34.00	780.00	1461.00
3.9) JD 550-B Cat D-4-D Cat D-4-E Dozer	10.00	275.00	669.00	954.00
3.10) Cat D-3-79-U D-3-B Dozer	10.00	109.00	609.00	728.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
3				
4) MOTOR GRADER				
4.1) Komatsu /BEML GD-605-A-3	10.00	654.00	912.00	1576.00
5) VIBRATORY COMPACTOR				
5.1) ACE Soil Compactor - 10Ton (per hr) (2017)	271.00	10.00	708.00	989.00
5.2) Aveling Barford Vib. Comp	10.00	9.00	764.00	783.00
6) DIESEL ROAD ROLLER				
6.1) DRR 8/10 Ton	10.00	39.00	388.00	437.00
7) TIPPER				
7.1) TATA LPK 2518 BS III (per km)	11.00	9.00	40.00	60.00
7.2) TATA LPK 2518 BS III (per hr.) (20Km/Hr)	220.00	181.00	798.00	1199.00
7.3) Tata Tippers SK 1613/36, 1613/42 Box type / scoop type (per km) (2016)	7.00	7.00	28.00	42.00
7.4) Tata Tippers SK 1613/36 , 1613/42 Box type, Scoop type (per hr) (2016) (20Km/Hr)	140.00	147.00	561.00	848.00
7.5) 10 Ton Cap. (per KM)	5.00	5.00	28.00	38.00
7.6) 10 Ton Cap. (per Hr) (20Km/Hr)	100.00	94.00	561.00	755.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
7.7) 7.5 Ton Cap. (per KM)	3.00	11.00	25.00	39.00
7.8) 7.5 Ton Cap. (per Hr) (20Km/Hr)	60.00	213.00	495.00	768.00
7.9) Eicher Tipper 8.5 Cum (Per Km)	8.50	8.00	28.00	44.50
7.10) Eicher Tipper 8.5 Cum (Per hr)	170.00	160.00	561.00	891.00
8) Truck/Tanker/Van				
8.1) WATER TANKER 9000ltr - 10Ton (Per Km)	9.00	2.00	16.00	27.00
8.2) Truck 7.5 Ton Cap. (per KM)	1.00	8.00	25.00	34.00
8.3) School Bus 39/49 seater mounted on 1210/AL Chassis (per Km)	1.00	10.00	19.00	30.00
8.4) TATA 407 (2012, 2016, 2018)(per Km)	4.00	3.00	14.00	21.00
8.5) Tata Xenon Utility /Yodha / Mahindra Bolero camper / Pick up (2016) (per km)	3.00	3.00	9.00	15.00
9) TRANSPORTERS				
9.1) Tata Prima LX 4928 - 49T (2016) (per Km)	11.75	13.00	55.00	80.00
9.2) 40 Ton (Mack/scamell) (per Km)	0.50	22.00	41.00	63.50
9.3) Mahindra Transporter 35 T (per Km) (2016)	6.75	3.00	44.00	53.75

Name of Equipment	A	B	C	Total A +B+C
1	2	3	4	5
9.4) Tata Truck - Long chassis - 31T Cap / Mahindra Truxo 25T Cap. (per Km)	5.70	2.00	34.00	41.70
9.5) 30 Ton (AL Hippo/ERF) (per Km)	0.50	9.00	39.00	48.50
9.6) 20 Ton (AL eaver/Mack) (per Km)	0.50	10.00	37.00	48.00
10) CRANES				
10.1) Coles Endurance - 30 T	10.00	849.00	1166.00	2025.00
10.2) MARSHALL DEMAG - 30 T	10.00	1301.00	1083.00	2394.00
10.3) COLES HYDRA 830 - 30 T	10.00	1294.00	917.00	2221.00
10.4) VOLTAS OMEGA - 35	10.00	530.23	1386.98	1927.22
10.5) COLES MOBILE ANEAS 12.5 T	10.00	1122.94	639.24	1772.18
10.6) ESCORT MOC - 8 E /8T	10.00	119.35	438.65	568.00
10.7) ESCORT MOC 5T	10.00	78.00	406.00	494.00
10.8) ESCORT MOC 3 T	10.00	42.00	293.00	345.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
11) AIR COMPRESSOR				
11.1) 400 Cfm	5.00	50.88	597.13	653.01
11.2) 260 / 250 Cfm	5.00	49.00	568.00	622.00
11.3) 175 Cfm	5.00	5.00	555.00	565.00
12) GENERATING SET				
12.1) 125 KVA	5.00	40.00	1020.00	1065.00
12.2) 100 KVA	3.00	32.00	759.00	794.00
12.3) 41 to 60 KVA	1.00	27.00	494.00	522.00
12.4) 31 to 40 KVA	1.00	26.00	367.00	394.00
12.5) 10 to 20 KVA	1.00	24.00	237.00	262.00
12.6) 6 to 7.5 KVA	1.00	12.00	171.00	184.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
13) PUMPING SET (DIESEL & ELECTRICAL)				
13.1) 2 to 9 HP	1.00	1.00	264.00	266.00
14) DIESEL WELDING PLANT				
14.1) DIESEL WELDING PLANT 30HP	3.00	15.00	302.00	320.00
15) BORING MACHINERY (RATE IN Rs/Meter)				
15.1) Over Burden by Diamond Drilling Machine	10.00	101.46	901.00	1012.00
15.2) Quartzite by Diamond Drilling Machine with NX BitCore size 54mm (2 1/8 inch)	16.00	613.00	4066.00	4695.00
15.3) Quartzite by Diamond Drilling Machine with BX Bit Core size 41.3mm (1 5/8 inch)	10.00	464.00	3059.00	3533.00
15.4) Quartzite by Diamond Drilling Machine with AX Bit Core size 30.2mm (1 3/16 inch)	8.00	306.00	2055.00	2369.00
15.5) Other Rock With Diamond Drill with NX bit Machine (0 to 50 Meters) Core Size 54 mm (2 1/8 inch)	15.00	257.00	2010.00	2282.00

Name of Equipment	A	B	C	Total A+B+C
1	2	3	4	5
15.6) Sample Cores 18"(45.7 cm), 24" (60.9 cm), 36" (91.4cm) Dia in masonry / Concrete upto 0.9 meter				
36"	0.00	5231.00	9875.00	15106.00
24"	0.00	3926.00	7400.00	11326.00
18"	0.00	2649.00	5345.00	7994.00
16) SPECIAL EQUIPMENT OF P.W.S. DEPTT.				
16.1) Bronto Sky Lift Bridge Inspection Unit	360.00	821.00	2023.00	3204.00