

महाराष्ट्र शासन

क्र. यंवाद-०९१७/(प्र.क्र.८४/२०१७)/यांत्रिकी

जलसंपदा विभाग,
मादाम कामा रोड,
हुतात्मा राजगुरु चौक,
मंत्रालय, मुंबई-४०००३२.
दिनांक: २५ एप्रिल, २०१८.

प्रति,
मुख्य अभियंता (यांत्रिकी),
जलसंपदा विभाग,
नाशिक.

विषय : सन २०१७-१८ यंत्र वापर दर प्रस्तावाबाबत

संदर्भ:- आपले पत्र क्र.मुअयां/तां १०/यंवाद १७-१८/८३८/२०१८,
दिनांक २७/३/२०१८

उपरोक्त विषयाबाबत संदर्भाधीन पत्रान्वये CWC मानांकाप्रमाणे असलेले संयंत्राचे दर व संयंत्रांवर प्रत्यक्ष झालेल्या खर्चानुसार येणारे दर असे दोन्ही दर एकत्रितपणे असणारा सन २०१७-१८ करिताचा यंत्र वापर दर प्रस्ताव शासन मान्यतेसाठी सादर केला आहे.

उपरोक्त प्रस्तावास पुढील अटींच्या अधीन राहून मान्यता देण्यात येत आहे:-

- १) सदर दर हे दिनांक १/७/२०१७ ते ३०/६/२०१८ या कालावधीसाठीचे आहे.
- २) जलसंपदा विभागातील महामंडळांतर्गत कामे करताना CWC मानांकाप्रमाणे असलेले संयंत्राचे दर व संयंत्रावर प्रत्यक्ष खर्चानुसार येणारे दर यापैकी न्यूनतम दर वापरण्यात यावेत व जलसंपदा विभागाबाहेरील कामे करताना CWC मानांकाप्रमाणे असलेले संयंत्राचे दर वापरण्यात यावे.
- ३) शासन परिपत्रक क्र.यंवाद-२०.१२/प्र.क्र.१२४/२०१२/यांत्रिकी, दि.१० ऑक्टोबर, २०१२ मधील निर्देशांचा उल्लेख यंत्र वापर दरसूचीत करण्यात यावा.
- ४) सदर यंत्र वापर दर फक्त यांत्रिकी संघटनेअंतर्गत असलेल्या संयंत्रांसाठीच आहेत. तसेच कंत्राटदार /मजूर सहकारी संस्था यांच्यामार्फत करण्यात येणाऱ्या कामांसाठी लागू नाहीत असा स्पष्ट उल्लेख यंत्रवापर दर पुस्तिकेमध्ये करण्यात यावा.
- ५) यांत्रिकी संघटनेअंतर्गत अस्तित्वात नसलेली संयंत्रांची नावे यंत्रवापर दर प्रस्तावातून वगळण्यात यावीत.

तरी, त्याअनुषंगाने उचित कार्यवाही करावी व सन २०१७-१८ च्या यंत्र वापर दर सूचीच्या अद्ययावत प्रती शासनास उपलब्ध करून द्याव्यात.

(वि.प्र.पोलवणकर)

कार्यासन अधिकारी, महाराष्ट्र शासन

सोबत : यंत्र वापर दर सन २०१७-१८

प्रत :-

- १) अधीक्षक अभियंता, यांत्रिकी मंडळ, नाशिक /नागपूर/कोल्हापूर/नांदेड/पुणे
- २) यांत्रिकी कार्यासन संग्रहार्थ.

Machinery Use Rate 2017-18

Chief Engineer (Mechanical), W. R. D. Nashik

Period- 1/07/2017 to 30/06/2018

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
1) SCRAPER					
1.1) Terex TS-24 Scraper	Rate as per CWC norms	10.00	2035.00	4412.00	6457.00
1.2) CAT 627 B Motorised Scraper	Actual rate as per expn	10.00	2409.69	12127.31	14547.00
	Rate as per CWC norms	10.00	1909.00	3387.00	5306.00
1.3) John Deer J D 762 B Motorised Scraper	Actual rate as per expn	91.00	752.16	1152.57	1995.73
	Rate as per CWC norms	10.00	663.00	1781.00	2454.00
2) EXCAVATOR					
2.1) TATA EX 350	Actual rate as per expn	338.00	532.29	1722.00	2592.28
	Rate as per CWC norms	358.00	1164.00	2279.00	3801.00
2.2) Tata Hitachi ZX 220LCM (2016)	Actual rate as per expn	349.00	3.42	970.27	1322.69
	Rate as per CWC norms	349.00	207.00	1410.00	1966.00
2.3) Tata Hitachi ZX 220LCM (2017)	Rate for 2017-18	349.00	207.00	1410.00	1966.00
2.4) Hyundai R-210 (2016)	Actual rate as per expn	249.00	51.41	553.72	654.85
	Rate as per CWC norms	249.00	148.00	1267.00	1664.00
2.5) JCB JS 205 (2016)	Actual rate as per expn	256.00	35.39	2083.25	2374.64
	Rate as per CWC norms	256.00	228.00	1196.00	1680.00
2.6) BEML BE200 (2012, 2014)	Actual rate as per expn	218.00	124.87	924.88	1267.75
	Rate as per CWC norms	231.00	233.00	1196.00	1660.00
2.7) Tata Hitachi EX 200	Actual rate as per expn	191.00	193.42	1098.16	1482.58
	Rate as per CWC norms	202.00	525.00	1196.00	1923.00
2.8) Tata Hitachi EX 200 with Rock Breaker / Slope compactor attachment	Rate as per CWC norms	253.00	659.00	1410.00	2322.00
2.9) Poclain CK 90 Excavator	Actual rate as per expn	10.00	275.78	1191.59	1477.37
	Rate as per CWC norms	10.00	413.00	1053.00	1476.00
2.10) Poclain LC 80 Excavator	Actual rate as per expn	10.00	561.17	959.52	1530.69
	Rate as per CWC norms	10.00	298.00	982.00	1290.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
2.11) JCB JS 140 (2008-09, 2016)	Actual rate as per expn	183.00	120.09	808.31	1111.40
	Rate as per CWC norms (Mean value rate is taken of 2008 & 2016 machines use rate)	188.00	306.00	1018.00	1512.00
2.12) JCB JS 140 with Slope Compactor Attachment	Rate as per CWC norms	235.00	638.00	1125.00	1998.00
2.13) Kobelco SK 140 HDLC-8 (2016/2017)	Actual rate as per expn	270.00	12.81	675.38	958.19
	Rate as per CWC norms	270.00	160.00	1053.00	1483.00
2.14) L&T CK72	Actual rate as per expn	167.00	172.43	691.53	1030.96
	Rate as per CWC norms	177.00	401.00	1053.00	1631.00
2.15) Tata Hitachi Zaxis 120 H (2012, 2014, 2015, 2016)	Actual rate as per expn	220.00	116.00	677.95	1013.95
	Rate as per CWC norms	220.00	222.00	982.00	1424.00
2.16) Tata Hitachi EX 100 Excavator	Actual rate as per expn	170.00	203.28	820.34	1193.62
	Rate as per CWC norms	10.00	466.00	911.00	1387.00
2.17) JCB JS 81 (2015, 2016)	Actual rate as per expn	131.00	29.35	561.49	721.84
	Rate as per CWC norms	131.00	78.00	911.00	1120.00
2.18) Hyundai R-80-7 (2016)	Actual rate as per expn	137.00	23.19	479.26	639.46
	Rate as per CWC norms	137.00	81.00	840.00	1058.00
2.19) JCB JS 80	Actual rate as per expn	119.00	150.94	619.93	889.87
	Rate as per CWC norms	126.00	342.00	840.00	1308.00
2.20) BEML BE 71	Actual rate as per expn	110.00	97.35	566.48	773.82
	Rate as per CWC norms	116.00	131.00	840.00	1087.00
2.21) Tata Hitachi EX 70	Actual rate as per expn	109.00	114.68	620.96	844.64
	Rate as per CWC norms	115.00	249.00	768.00	1132.00
2.22) BEML BE 75 (2014, 2015, 2016)	Actual rate as per expn	135.00	70.70	498.95	704.66
	Rate as per CWC norms	135.00	80.00	768.00	983.00
2.23) Tata Hitachi zaxis 50	Actual rate as per expn	133.00	80.06	345.86	558.92
	Rate as per CWC norms	140.00	94.00	625.00	859.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
3) WHEEL LOADER					
3.1) Caterpillar 966 D wheel loader	Actual rate as per expn	10.00	534.97	1421.89	1966.87
	Rate as per CWC norms	10.00	741.00	1657.00	2408.00
3.2) Tata Wheel Loader 3036	Actual rate as per expn	143.00	156.99	830.95	1130.94
	Rate as per CWC norms	152.00	687.00	1228.00	2067.00
3.3) Terex 72-21 Wheel Loader with backhoe (For backhoe operation)	Rate as per CWC norms	10.00	572.00	1086.00	1668.00
3.4) Terex 72-21 Wheel Loader with backhoe (For loader operation)	Actual rate as per expn	10.00	425.61	1111.20	1546.81
	Rate as per CWC norms	10.00	572.00	1371.00	1953.00
3.5) Caterpillar 930 wheel loader	Actual rate as per expn	35.00	602.20	2043.15	2680.34
	Rate as per CWC norms	10.00	463.00	1300.00	1773.00
3.6) Mahindra Earthmaster -SX with backhoe (2016) (For backhoe operation)	Actual rate as per expn	113.00	13.51	455.40	581.91
	Rate as per CWC norms	113.00	134.00	872.00	1119.00
3.7) Mahindra Earthmaster -SX with backhoe (2016) (For loader operation)	Actual rate as per expn	113.00	10.38	491.96	615.34
	Rate as per CWC norms	113.00	134.00	1086.00	1333.00
3.8) Case 770T with backhoe (For backhoe operation) (2016)	Actual rate as per expn	128.00	13.16	448.50	589.66
	Rate as per CWC norms	128.00	153.00	872.00	1153.00
3.9) Case 770T with backhoe (For loader operation)(2016)	Actual rate as per expn	128.00	9.17	540.03	677.20
	Rate as per CWC norms	128.00	153.00	1086.00	1367.00
3.10) Tata Hitachi TH-86 with backhoe (2017) (For backhoe operation)	Rate as per CWC Norms	141.00	156.00	943.00	1240.00
3.11) Tata Hitachi TH-86 with backhoe (2017) (For loader operation)	Rate as per CWC Norms	141.00	156.00	1157.00	1454.00
3.12) BEML BL 9 H Loader with backhoe (For Backhoe operation)	Rate as per CWC Norms	122.00	247.00	872.00	1241.00
3.13) BEML BL 9 H Loader with backhoe (For Loader operation)	Actual rate as per expn	116.00	92.09	579.93	788.01
	Rate as per CWC norms	122.00	247.00	1086.00	1455.00
Note : When loader is utilised for backhoe & loader both or combined operation, then rate of loader will be charged.					

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
4) CRAWLER TRACTOR					
4.1) Komatsu D-355 A-3 Crawler tractor	Actual rate as per expn	10.00	1886.61	2873.22	4769.83
	Rate as per CWC norms	10.00	1210.00	3245.00	4465.00
4.2) BEML D-355 A-3 Crawler tractor	Actual rate as per expn	135.00	709.65	3165.17	4009.82
	Rate as per CWC norms	10.00	1318.00	3245.00	4573.00
4.3) CAT D-9-H	Actual rate as per expn	10.00	1677.62	2233.29	3920.90
	Rate as per CWC norms	10.00	1559.00	3245.00	4814.00
4.4) BEML D-155 A-1 Crawler tractor	Actual rate as per expn	10.00	1213.91	2126.34	3350.25
	Rate as per CWC norms	10.00	1309.00	2602.00	3921.00
4.5) CAT D-8-K Crawler tractor	Actual rate as per expn	10.00	1041.53	2084.86	3136.39
	Rate as per CWC norms	10.00	1491.00	2511.00	4012.00
4.6) CAT D-8-H Crawler tractor	Actual rate as per expn	10.00	1137.96	2182.08	3330.04
	Rate as per CWC norms	10.00	1215.00	2297.00	3522.00
4.7) CAT D-7-G Dozer	Actual rate as per expn	10.00	628.74	1348.82	1987.57
	Rate as per CWC norms	10.00	831.00	1868.00	2709.00
4.8) BEML BD 80 (2016)	Actual rate as per expn	722.00	20.37	1088.97	1831.33
	Rate as per CWC norms	765.00	1091.00	1726.00	3582.00
4.9) Shantui SD-16 Dozer	Actual rate as per expn	471.00	610.40	1187.76	2269.16
	Rate as per CWC norms	498.00	2591.00	1583.00	4672.00
4.10) Shantui SD-13 Dozer	Actual rate as per expn	337.00	443.48	976.08	1756.56
	Rate as per CWC norms	357.00	1855.00	1368.00	3580.00
4.11) BEML BD 50 (2016)	Actual rate as per expn	647.00	33.22	634.45	1314.67
	Rate as per CWC norms	647.00	769.00	1116.00	2532.00
4.12) Cat D-4-E Dozer	Actual rate as per expn	10.00	316.86	685.03	1011.89
	Rate as per CWC norms	10.00	437.00	1116.00	1563.00
4.13) JD 550-B Dozer	Actual rate as per expn	10.00	217.41	589.94	817.35
	Rate as per CWC norms	10.00	426.00	993.00	1429.00
4.14) Cat D-4-D Dozer	Actual rate as per expn	10.00	213.29	693.23	916.52
	Rate as per CWC norms	10.00	184.00	974.00	1168.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
4.15) Cat D-3-B Dozer	Actual rate as per expn	10.00	342.53	747.19	1099.72
	Rate as per CWC norms	10.00	283.00	974.00	1267.00
4.16) Cat D-3-79-U Dozer	Actual rate as per expn	10.00	277.52	515.29	802.81
	Rate as per CWC norms	10.00	236.00	974.00	1220.00
5) DUMPER					
5.1) BHARAT Haulpack-35 T	Rate as per CWC norms	10.00	719.00	1617.00	2346.00
5.2) BHARAT Haulpack -25 T	Rate as per CWC norms	10.00	522.00	1449.00	1981.00
6) MOTOR GRADER					
6.1)Komatsu GD-605-A-3	Rate as per CWC norms	10.00	640.00	1105.00	1755.00
6.2) BEML Grader 605-R-1	Rate as per CWC norms	10.00	692.00	1105.00	1807.00
7) VIBRATORY COMPACTOR					
7.1) Dynapack CA 51 - P	Actual rate as per expn	10.00	1189.41	1850.50	3049.90
	Rate as per CWC norms	10.00	1099.00	1261.00	2370.00
7.2) ACE Soil Compactor - 10Ton (per hr) (New 2017)	Rate for 2017-18	271.00	301.00	982.00	1554.00
7.3) Aveling Barford Vib. Comp	Actual rate as per expn	10.00	418.32	818.17	1246.49
	Rate as per CWC norms	10.00	601.00	904.00	1515.00
8) DIESEL ROAD ROLLER					
8.1) DRR 8/10 Ton	Actual rate as per expn	11.00	117.42	347.71	476.13
	Rate as per CWC norms	10.00	48.00	667.00	725.00
9) TIPPER					
9.1) TATA LPK 2518 BS III (per km)	Actual rate as per expn	10.40	6.50	38.13	55.03
	Rate as per CWC norms	11.00	19.00	48.00	78.00
9.2) TATA LPK 2518 BS III (per hr.) (20Km/Hr)	Actual rate as per expn	208.00	130.00	763.00	1101.00
	Rate as per CWC norms	220.00	380.00	981.00	1581.00
9.3) TATA SK 1613/42 Box type (per km) (2014)	Actual rate as per expn	6.40	4.95	24.89	36.24
	Rate as per CWC norms	7.00	8.00	42.00	57.00
9.4) TATA SK 1613/42 Box type (per hr.)(2014) (20Km/Hr)	Actual rate as per expn	128.00	99.00	498.00	725.00
	MUR 2016-17 Rate	140.00	160.00	833.00	1133.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
9.5) Tata Tippers SK 1613/36 Box type (per km) (2016)	Actual rate as per expn	7.00	1.27	68.89	77.16
	Rate as per CWC norms	7.00	12.00	42.00	61.00
9.6) Tata Tippers SK 1613/36 Box type (per hr) (2016) (20Km/Hr)	Actual rate as per expn	140.00	25.00	1378.00	1543.00
	Rate as per CWC norms	140.00	240.00	833.00	1213.00
9.7) AL ALCTTP 1616il (per km)	Rate as per CWC norms	7.00	8.00	45.00	60.00
9.8) AL ALCTTP 1616il (per hr.) (20Km/Hr)	Rate as per CWC norms	140.00	160.00	904.00	1204.00
9.9) 10 Ton Cap. (per KM)	Actual rate as per expn	4.50	8.38	31.77	44.64
	Rate as per CWC norms	5.00	11.00	42.00	58.00
9.10) 10 Ton Cap. (per Hr) (20Km/Hr)	Actual rate as per expn	90.00	168.00	635.00	893.00
	Rate as per CWC norms	100.00	220.00	847.00	1167.00
9.11) 7.5 Ton Cap. (per KM)	Actual rate as per expn	2.50	19.46	34.62	56.58
	Rate as per CWC norms	3.00	14.00	38.00	55.00
9.12) 7.5 Ton Cap. (per Hr) (20Km/Hr)	Actual rate as per expn	50.00	389.00	692.00	1131.00
	Rate as per CWC norms	60.00	280.00	775.00	1115.00
10) Truck/Tanker/Van					
10.1) WATER TANKER 9000ltr - 10Ton (Per Hr.)	Rate as per CWC norms	180.00	160.00	910.00	1250.00
10.2) Truck 7.5 Ton Cap. (per KM)	Actual rate as per expn	1.00	10.06	21.16	32.22
	Rate as per CWC norms	1.00	11.00	41.00	53.00
10.3) School Bus 39/49 seater mounted on 1210/AL Chassis (per Km)	Actual rate as per expn	1.00	22.83	12.71	36.54
	Rate as per CWC norms	1.00	12.00	35.00	48.00
10.4) TATA 407 (2012, 2016) (per Km)	Actual rate as per expn	3.00	2.41	8.81	14.21
	Rate as per CWC norms	4.00	8.00	21.00	33.00
10.5) Tata Xenon Utility (2016) (per km)	Actual rate as per expn	4.00	1.06	6.68	11.75
	Rate as per CWC norms	4.00	4.00	21.00	29.00
10.6) Mahindra Bolero camper (2012, 2016) (per Km)	Actual rate as per expn	3.00	1.26	7.05	11.31
	Rate as per CWC norms	3.00	5.00	20.00	28.00
10.7) Mahindra Max Pick up (2012) (per Km)	Actual rate as per expn	2.50	3.86	6.43	12.79
	Rate as per CWC norms	3.00	9.00	14.00	26.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
11) TRANSPORTERS					
11.1) Tata Prima LX 4928 - 49T (2016) (per hr)	Rate as per CWC norms	235.00	244.00	1107.00	1586.00
11.2) 40 Ton (Mack/scamell) (per hr)	Actual rate as per expn	10.00	383.39	801.05	1194.43
	Rate as per CWC norms	10.00	291.00	1107.00	1408.00
11.3) Mahindra Transporter 35 T (per hr) (2016)	Actual rate as per expn	135.00	16.99	372.05	524.04
	Rate as per CWC norms	135.00	141.00	893.00	1169.00
11.4) Tata Truck - Long chassis - 31T Cap (per hr) (2016)	Actual rate as per expn	114.00	12.61	751.73	878.34
	Rate as per CWC norms	114.00	119.00	893.00	1126.00
11.5) 30 Ton (AL Hippo/ERF) (per hr)	Actual rate as per expn	8.00	475.08	696.69	1179.77
	Rate as per CWC norms	10.00	233.00	822.00	1065.00
11.6) Mahindra Truxo 25T Cap. (per hr) (2016)	Rate as per CWC norms	88.00	92.00	822.00	1002.00
11.7) 20 Ton (AL Beaver/Mack) (per hr)	Actual rate as per expn	5.00	39.99	420.37	465.37
	Rate as per CWC norms	10.00	198.00	822.00	1030.00
11.8) 11 Ton AL Semigama (per hr)	Actual rate as per expn	1.00	19.46	34.62	55.08
	Rate as per CWC Norms (Per Hour)	8.00	70.00	608.00	686.00
12) CRANES					
12.1) Coles Endurance - 30 T	Rate as per CWC Norms (Per Hour)	10.00	833.00	1384.00	2227.00
12.2) MARSHALL DEMAG - 30 T	Actual rate as per expn	182.00	368.70	1513.67	2064.36
	Rate as per CWC norms	10.00	1274.00	1327.00	2611.00
12.3) COLES HYDRA 830 - 30 T	Rate as per CWC norms	10.00	1267.00	1043.00	2320.00
12.4) VOLTAS OMEGA - 35	Actual rate as per expn	190.00	15228.00	1240.00	16658.00
	Rate as per CWC norms	10.00	1218.00	1164.00	2392.00
12.5) COLES MOBILE ANEAS 12.5 T	Actual rate as per expn	13.00	2511.97	3081.64	5606.61
	Rate as per CWC norms	10.00	181.00	922.00	1113.00
12.6) ESCORT MOC -8E	Actual rate as per expn	18.00	514.62	566.94	1099.55
	Rate as per CWC norms	10.00	128.00	771.00	909.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
12.7) ESCORT MOBILE 8 T	Actual rate as per expn	58.00	479.70	676.15	1213.85
	Rate as per CWC norms	10.00	317.00	772.00	1099.00
12.8) JD Wheel Tractor Crane	Rate as per CWC norms	10.00	258.00	772.00	1040.00
12.9) ESCORT MOC 5T	Actual rate as per expn	22.00	756.77	265.92	1044.69
	Rate as per CWC norms	10.00	135.00	772.00	917.00
12.10) Usha Atlas DC-6	Actual rate as per expn	18.00	2.83	18.94	39.77
	Rate as per CWC norms	10.00	121.00	772.00	903.00
12.11) ESCORT MOC 3 T	Actual rate as per expn	10.00	149.12	280.73	439.84
	Rate as per CWC norms	10.00	100.00	701.00	811.00
13) AIR COMPRESSOR					
13.1) 400 Cfm	Actual rate as per expn	10.00	289.63	589.44	889.07
	Rate as per CWC norms	5.00	5.00	1010.00	1020.00
13.2) 260 / 250 Cfm	Rate as per CWC norms	5.00	5.00	900.00	910.00
13.3) 175 Cfm	Rate as per CWC norms	5.00	5.00	752.00	762.00
14) GENERATING SET					
14.1) 125 to 135 KVA	Rate as per CWC norms	5.00	40.00	1020.00	1065.00
14.2) 100 KVA	Rate as per CWC norms	3.00	32.00	759.00	794.00
14.3) 41 to 60 KVA	Actual rate as per expn	2.00	20.33	526.84	549.17
	Rate as per CWC norms	1.00	27.00	498.00	526.00
14.4) 31 to 40 KVA	Actual rate as per expn	2.00	0.00	319.00	321.00
	Rate as per CWC norms	1.00	26.00	367.00	394.00
14.5) 10 to 20 KVA	Rate as per CWC norms	1.00	24.00	237.00	262.00
14.6) 6 to 7.5 KVA	Rate as per CWC norms	1.00	12.00	171.00	184.00
15) PUMPING SET (DIESEL & ELECTRICAL)					
15.1) 2 to 9 HP	Rate as per CWC norms	1.00	1.00	338.00	340.00
16) DIESEL WELDING PLANT					
16.1) DIESEL WELDING PLANT 30HP	Actual rate as per expn	3.00	85.03	304.25	392.27
	Rate as per CWC norms	3.00	15.00	347.00	365.00

Name of Equipment		A	B	C	Total A+B+C
1	2	3	4	5	6
17) BORING MACHINERY (RATE IN Rs/Meter)					
17.1) Over Burden by Diamond Drilling Machine	Rate for 2017-18	10.00	101.00	901.00	1012.00
17.2) Quartzite by Diamond Drilling Machine with NX BitCore size 54mm (2 1/8 inch)	Rate for 2017-18	16.00	613.00	4066.00	4695.00
17.3) Quartzite by Diamond Drilling Machine with BX Bit Core size 41.3mm (1 5/8 inch)	Rate for 2017-18	10.00	464.00	3059.00	3533.00
17.4) Quartzite by Diamond Drilling Machine with AX Bit Core size 30.2mm (1 3/16 inch)	Rate for 2017-18	8.00	306.00	2055.00	2369.00
17.5) Other Rock With Diamond Drill with NX bit Machine (0 to 50 Meters) Core Size 54 mm (2 1/8 inch)	Actual rate as per expn	15.00	118.64	304.25	437.88
17.6) Sample Cores 18" (45.7 cm), 24" (60.9 cm), 36" (91.4cm) Dia in masonry / Concrete upto 0.9 meter					
36"	Rate for 2017-18	0.00	5231.00	9875.00	15106.00
24"	Rate for 2017-18	0.00	3926.00	7400.00	11326.00
18"	Rate for 2017-18	0.00	2649.00	5345.00	7994.00
18) SPECIAL EQUIPMENT OF P.W.S. DEPTT.					
18.1) Bronto Sky Lift Bridge Inspection Unit	Rate for 2017-18	360	821.00	2023.00	3204.00