

**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                 |
|        |                   | <b>A</b>             | <b>B</b>       | <b>C</b>                        | <b>A +B+C</b>            |
| 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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|-----------|--|----------------------|----------------|---------------------------------|--------------------------|
|           |  | per hour             | per hour       | per hour                        | per hour                 |
|           |  | A                    | B              | C                               | A+B+C                    |
| 1         | 2  | 3                    | 4              | 5                               | 6                        |
|           |  | 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                  |
| <b>3)</b> | <b>WHEEL LOADER</b>                              |                      |                |                                 |                          |
|           | 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                  |
| <b>4)</b> | <b>CRAWLER LOADER</b>                            |                      |                |                                 |                          |
|           | 4.1)Caterpillar 977-L                            | 29.00                | 392.00         | 2090.00                         | 2511.00                  |
| <b>5)</b> | <b>CRAWLER TRACTOR</b>                           |                      |                |                                 |                          |
|           | 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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|-----------|----------------------------------|----------------------|----------------|---------------------------------|--------------------------|
|           |                                  | per hour             | per hour       | per hour                        | per hour                 |
|           |                                  | <b>A</b>             | <b>B</b>       | <b>C</b>                        | <b>A +B+C</b>            |
| 1         | 2                                | 3                    | 4              | 5                               | 6                        |
|           |                                  | Rs.                  | Rs.            | Rs.                             | Rs.                      |
| 5.6)      | CAT D-8-H<br>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                  |
| <b>6)</b> | <b>DUMPER</b>                    |                      |                |                                 |                          |
| 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<br>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                  |
| <b>7)</b> | <b>MOTOR GRADER</b>              |                      |                |                                 |                          |
| 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                  |
| <b>8)</b> | <b>VIBRATORY COMPACTOR</b>       |                      |                |                                 |                          |
| 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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|--------|-------------------|----------------------|----------------|---------------------------------|--------------------------|
|        |                   | per hour             | per hour       | per hour                        | per hour                 |
|        |                   | <b>A</b>             | <b>B</b>       | <b>C</b>                        | <b>A +B+C</b>            |
| 1      | 2                 | 3                    | 4              | 5                               | 6                        |
|        |                   | Rs.                  | Rs.            | Rs.                             | Rs.                      |

**9) DIESEL ROAD ROLLER**

|                   |       |        |        |        |
|-------------------|-------|--------|--------|--------|
| 9.1) DRR 8/10 Ton | 11.00 | 138.00 | 494.00 | 643.00 |
|-------------------|-------|--------|--------|--------|

**10) TRANSPORTERS**

|                    |       |        |         |         |
|--------------------|-------|--------|---------|---------|
| 10.1) 60 T ( Mack) | 10.00 | 292.00 | 1472.00 | 1774.00 |
|--------------------|-------|--------|---------|---------|

|                             |       |        |         |         |
|-----------------------------|-------|--------|---------|---------|
| 10.2) 40 Ton (Mack/scamell) | 10.00 | 271.00 | 1414.00 | 1695.00 |
|-----------------------------|-------|--------|---------|---------|

|                             |      |        |         |         |
|-----------------------------|------|--------|---------|---------|
| 10.3) 30 Ton (AL Hippo/ERF) | 8.00 | 213.00 | 1279.00 | 1500.00 |
|-----------------------------|------|--------|---------|---------|

|                                  |      |        |         |         |
|----------------------------------|------|--------|---------|---------|
| 10.4) 20 Ton<br>(AL Beaver/Mack) | 5.00 | 185.00 | 1228.00 | 1418.00 |
|----------------------------------|------|--------|---------|---------|

|                                      |      |       |       |       |
|--------------------------------------|------|-------|-------|-------|
| 10.5) 11 Ton<br>AL Semigama (per KM) | 1.00 | 10.00 | 57.00 | 68.00 |
|--------------------------------------|------|-------|-------|-------|

**11) TIPPER**

|                             |      |       |       |       |
|-----------------------------|------|-------|-------|-------|
| 11.1) 7.5 Ton Cap. (per KM) | 2.50 | 12.20 | 42.90 | 57.60 |
|-----------------------------|------|-------|-------|-------|

|                             |       |        |        |        |
|-----------------------------|-------|--------|--------|--------|
| 11.2) 7.5 Ton Cap. (per Hr) | 30.00 | 147.00 | 513.00 | 690.00 |
|-----------------------------|-------|--------|--------|--------|

|                            |      |      |       |       |
|----------------------------|------|------|-------|-------|
| 11.3) 10 Ton Cap. (per KM) | 4.50 | 9.20 | 46.30 | 60.00 |
|----------------------------|------|------|-------|-------|

|                            |       |        |        |        |
|----------------------------|-------|--------|--------|--------|
| 11.4) 10 Ton Cap. (per Hr) | 54.00 | 110.00 | 554.00 | 718.00 |
|----------------------------|-------|--------|--------|--------|

**12) Truck/Tanker/Van**

|                                      |      |       |       |       |
|--------------------------------------|------|-------|-------|-------|
| 12.1) Truck 7.5 Ton Cap.<br>(per KM) | 1.00 | 10.30 | 41.70 | 53.00 |
|--------------------------------------|------|-------|-------|-------|

|   |      |        |        |        |
|---|------|--------|--------|--------|
| 12.2) WATER TANKER<br>7000/9000 lit. mounted<br>onTata 1210/Al Chassis<br>(Per Hr.) | 5.00 | 111.00 | 509.00 | 625.00 |
|---|------|--------|--------|--------|

|   |      |       |       |       |
|---|------|-------|-------|-------|
| 12.3) School Bus 39/49 seater<br>mounted on 1210/AL<br>Chassis (per Km) | 1.00 | 10.30 | 41.70 | 53.00 |
|---|------|-------|-------|-------|

|                              |      |      |       |       |
|------------------------------|------|------|-------|-------|
| 12.4) Mahindra Bolero camper | 2.50 | 2.50 | 14.79 | 19.79 |
|------------------------------|------|------|-------|-------|

|                            |      |      |       |       |
|----------------------------|------|------|-------|-------|
| 12.5) Mahindra Max Pick up | 2.50 | 2.50 | 14.79 | 19.79 |
|----------------------------|------|------|-------|-------|

|                |      |      |       |       |
|----------------|------|------|-------|-------|
| 12.6) TATA 407 | 3.00 | 3.00 | 15.79 | 21.79 |
|----------------|------|------|-------|-------|

**13) CRANES**

|                       |        |        |         |         |
|-----------------------|--------|--------|---------|---------|
| 13.1) VOLTAS OMEGA-35 | 190.00 | 379.00 | 1594.00 | 2163.00 |
|-----------------------|--------|--------|---------|---------|

|                            |        |        |         |         |
|----------------------------|--------|--------|---------|---------|
| 13.2) Coles Endurance 30 T | 131.00 | 451.00 | 1594.00 | 2176.00 |
|----------------------------|--------|--------|---------|---------|

|                           |        |        |         |         |
|---------------------------|--------|--------|---------|---------|
| 13.3) COLES HYDRA 830-30T | 165.00 | 601.00 | 1365.00 | 2131.00 |
|---------------------------|--------|--------|---------|---------|

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|------------|------------------------------------|----------------------|----------------|---------------------------------|--------------------------|
|            |                                    | per hour             | per hour       | per hour                        | per hour                 |
|            |                                    | <b>A</b>             | <b>B</b>       | <b>C</b>                        | <b>A +B+C</b>            |
| 1          | 2                                  | 3                    | 4              | 5                               | 6                        |
|            |                                    | Rs.                  | Rs.            | Rs.                             | Rs.                      |
|            | 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<br>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                   |
| <b>14)</b> | <b>DIESEL WELDING PLANT</b>        |                      |                |                                 |                          |
|            | 14.1) DIESEL WELDING PLANT<br>30HP | 3.00                 | 35.00          | 334.00                          | 372.00                   |
| <b>15)</b> | <b>AIR COMPRESSOR</b>              |                      |                |                                 |                          |
|            | 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                   |
| <b>16)</b> | <b>GENERATING SET</b>              |                      |                |                                 |                          |
|            | 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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|        |                   | <b>A</b>             | <b>B</b>       | <b>C</b>                        | <b>A +B+C</b>            |
| 1      | 2                 | 3                    | 4              | 5                               | 6                        |
|        |                   | <b>Rs.</b>           | <b>Rs.</b>     | <b>Rs.</b>                      | <b>Rs.</b>               |

**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 BitCore 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  |
| <b>18.6) Sample Cores 18" (45.7 cm), 24" (60.9 cm), 36" (91.4cm) Dia in masonry / Concrete upto 0.9 meter</b> |       |         |         |          |
| 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 |
|---|-----|--------|---------|---------|