NOTE: The rates given for all the items under this sub-head are applicable to work executed in soils above sub-soil water level. Extra allowance has to be made for work under sub-soil water level.

<table>
<thead>
<tr>
<th>SL. No.</th>
<th>DSR07 Description</th>
<th>QTY.</th>
<th>Rate in Rs.</th>
<th>Unit</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Providing, laying and jointing glazed stoneware pipes grade ‘A’ with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.1.2</td>
<td>150 mm diameter</td>
<td>100</td>
<td>151.65</td>
<td>metre</td>
<td>15165.00</td>
</tr>
<tr>
<td>19.1.3</td>
<td>200 mm diameter</td>
<td>750</td>
<td>247.15</td>
<td>metre</td>
<td>185362.50</td>
</tr>
<tr>
<td>19.1.5</td>
<td>250 mm diameter</td>
<td>150</td>
<td>342.85</td>
<td>metre</td>
<td>51427.50</td>
</tr>
<tr>
<td>2</td>
<td>Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.6.2</td>
<td>150 mm dia. R.C.C. pipe</td>
<td>550</td>
<td>202.85</td>
<td>metre</td>
<td>111567.50</td>
</tr>
<tr>
<td>bDSR</td>
<td>200 mm dia. R.C.C. pipe</td>
<td>2000</td>
<td>230.53</td>
<td>metre</td>
<td>461050.00</td>
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<tr>
<td>19.6.3</td>
<td>250 mm dia. R.C.C. pipe</td>
<td>760</td>
<td>258.20</td>
<td>metre</td>
<td>196232.00</td>
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<tr>
<td>19.6.4</td>
<td>300 mm dia. R.C.C. pipe</td>
<td>100</td>
<td>338.75</td>
<td>metre</td>
<td>33875.00</td>
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<tr>
<td>3</td>
<td>Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.2.2</td>
<td>150 mm diameter S.W. pipe</td>
<td>100</td>
<td>405.05</td>
<td>metre</td>
<td>40505.00</td>
</tr>
<tr>
<td>19.2.3</td>
<td>200 mm diameter S.W. pipe</td>
<td>750</td>
<td>472.15</td>
<td>metre</td>
<td>354112.50</td>
</tr>
<tr>
<td>19.2.5</td>
<td>250 mm diameter S.W. pipe</td>
<td>150</td>
<td>546.00</td>
<td>metre</td>
<td>81900.00</td>
</tr>
<tr>
<td>4</td>
<td>Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round RCC pipes including bed concrete as per standard design:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.2.2</td>
<td>150 mm diameter RCC pipe</td>
<td>550</td>
<td>405.05</td>
<td>metre</td>
<td>222777.50</td>
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<tr>
<td>19.2.3</td>
<td>200 mm diameter RCC pipe</td>
<td>2000</td>
<td>472.15</td>
<td>metre</td>
<td>944300.00</td>
</tr>
<tr>
<td>19.2.5</td>
<td>250 mm diameter RCC pipe</td>
<td>760</td>
<td>546.00</td>
<td>metre</td>
<td>414960.00</td>
</tr>
<tr>
<td>5</td>
<td>Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 Coarse sand) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>a 19.7.1</td>
<td>Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455*610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg):</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.7.1.2</td>
<td>With Sewer bricks conforming to IS : 4885</td>
<td>140</td>
<td>5640.50</td>
<td>each</td>
<td>789670.00</td>
</tr>
<tr>
<td>6</td>
<td>Extra for depth for manholes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a 19.8.1</td>
<td>Size 90x80 cm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19.8.1.2</td>
<td>With Sewer bricks conforming to IS : 4885</td>
<td>24</td>
<td>3401.80</td>
<td>metre</td>
<td>81643.20</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
</tr>
<tr>
<td>---</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>----------</td>
<td>-------</td>
<td>----------</td>
<td>----------</td>
</tr>
<tr>
<td>7</td>
<td>19.9 Constructing brick masonry circular type manhole 0.91m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), in side cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size), and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement all complete as per standard design:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a 19.9.1 0.91 m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182kg, fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including centering shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately):</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19.9.1.2 With Sewer bricks conforming to IS : 4885</td>
<td>73</td>
<td></td>
<td>5347.90</td>
<td>390396.70</td>
</tr>
<tr>
<td>8</td>
<td>19.10 Extra depth for circular type manhole 0.91m internal dia (at bottom) with beyond 0.91m to 1.67m:</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>19.10.2 With Sewer bricks conforming to IS : 4885</td>
<td>25</td>
<td></td>
<td>2915.90</td>
<td>72897.50</td>
</tr>
<tr>
<td>9</td>
<td>19.11 Constructing brick masonry circular manhole 1.22m internal dia at bottom and 0.56m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement all complete as per standard design:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a 19.11.1 1.68 m deep with SFRC cover and frame (heavy duty HD-20 grade designation) 560mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182kg fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including centering shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately):</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19.11.1.2 With Sewer bricks conforming to IS : 4885</td>
<td>30</td>
<td></td>
<td>9934.70</td>
<td>298041.00</td>
</tr>
<tr>
<td>10</td>
<td>19.12 Extra depth for circular type manhole 1.22m internal dia (at bottom) beyond 1.68 m to 2.29 m:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19.12.2 With Sewer bricks conforming IS : 4885</td>
<td>10</td>
<td></td>
<td>3772.05</td>
<td>37720.50</td>
</tr>
<tr>
<td>11</td>
<td>19.13 Constructing brick masonry circular manhole 1.52 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand) inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size) and making necessary channel in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement all complete as per standard design:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a 19.13.1 2.30m deep with SFRC cover and frame (heavy duty HD-20 grade designation) 560mm internal diameter conforming to I.S. 12592, total weight of cover and frame to be not less than 182kg fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including centering shuttering all complete. (Excavation, foot rests and 12 mm thick cement plaster at the external surface shall be paid for separately):</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19.13.1.2 With Sewer bricks conforming IS : 4885</td>
<td>15</td>
<td></td>
<td>21089.40</td>
<td>316341.00</td>
</tr>
<tr>
<td>12</td>
<td>19.14 Extra depth for circular type manhole 1.52 m internal dia (at bottom) beyond 2.30 m:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>19.14.2 With Sewer bricks conforming IS : 4885</td>
<td>18</td>
<td></td>
<td>9069.45</td>
<td>163250.10</td>
</tr>
<tr>
<td></td>
<td>Description</td>
<td>Quantity</td>
<td>Rate</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------</td>
<td>-------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910 on 12mm dia steel bar conforming to IS : 1786 having minimum cross section as 23mmx25mm and over all minimum length 263 mm and width as 165mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tall length on 138 mm as per standard drawing and suitable to withstand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design:</td>
<td>500</td>
<td>182.40</td>
<td>91200.00</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Providing sand cast iron drop connection externally for 60 cm drop from branch sewer line to main sewer manhole including inspection and cleaning eye with chain and lid, sand cast iron drop pipe and bend encased all-round with cement concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) with all centering and shuttering required, cutting holes in walls and making good with brick work in cement mortar 1:4 (1 cement : 3 coarse sand) on inside of the manhole wall lead caulked joints between sand cast iron pipes and fittings, stiff cement mortar 1:1 (1 cement : 1 fine sand) joints between sand cast iron tee and S.W. pipe, making required channels complete as per standard design and specifications:</td>
<td>10</td>
<td>5152.95</td>
<td>51529.50</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Extra for depths beyond 60 cm of sand cast iron drop connection complete:</td>
<td>10</td>
<td>2113.45</td>
<td>21134.50</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Providing and laying S&amp;S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536:</td>
<td>150</td>
<td>1066.65</td>
<td>159997.50</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing a surplus excavated soil as directed, within a lead of 50m.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Extra for Excavating trenches for pipes, cables, etc in all kinds of soil for depth exceeding 1.5m, but not exceeding 3m. (Rate is over corresponding basic item for depth up to 1.5metre).</td>
<td>4410</td>
<td>115.05</td>
<td>507370.50</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>Pipes, cables etc. exceeding 80mm dia. But not exceeding 300mm dia.</td>
<td>2205</td>
<td>153.02</td>
<td>337401.38</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Extra for Excavating trenches for pipes, cables, etc in all kinds of soil for depth exceeding 3.0m, but not exceeding 4.5m. (Rate is over corresponding basic item for depth up to 1.5metre).</td>
<td>1000</td>
<td>391.17</td>
<td>391170.00</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>Pipes, cables etc. exceeding 80mm dia. But not exceeding 300mm dia.</td>
<td>1000</td>
<td>391.17</td>
<td>391170.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total C/F to Summary</td>
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<td></td>
<td>7107582.88</td>
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</table>