TENDER DOCUMENT

TENDER No: NERO/MMD/664/249

FOR

Balance work for Construction of Nakukchera (Platoon level) near BP Ref:2327/M, Seisenbasti (Company level) near BP Ref:2326/M BOP’s along Indo-Bangladesh border in the state of Mizoram for Ministry of Home Affairs (Package-III).

FOR

Ministry of Home Affairs

Vol-III (Revised)

CONTENTS

PRICE BID (REVISED)

&

BOQ (REVISED)
Name of Work:- BALANCE WORK FOR CONSTRUCTION OF PLATOON LEVEL BOP ALONG INDO-BANGLADESH BORDER IN THE STATE OF MIZORAM AT NAKUKCHARA near BP No. 2327/M

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount ((\text{`}))</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width.)</td>
<td>Cum</td>
<td>184.00</td>
<td>5500</td>
<td>1012000</td>
</tr>
<tr>
<td>2</td>
<td>2.25</td>
<td>Filling available excavated earth (Excluding Rock) in treanches, plinth sides of footings etc.</td>
<td>Cum</td>
<td>90.00</td>
<td>4829.88</td>
<td>434689.2</td>
</tr>
<tr>
<td>4</td>
<td>16.3.9</td>
<td>Supplying &amp; stacking of good earth at site</td>
<td>Cum</td>
<td>515.27</td>
<td>50</td>
<td>15763.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head-1</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1462452.7</strong></td>
</tr>
<tr>
<td>1</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified 1:4:8 (1 cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>321.58</td>
<td>2149292.79</td>
</tr>
<tr>
<td>2</td>
<td>4.2.3</td>
<td>Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centring and shuttering and finishing: 1:2:4 (1 cement : 2 Coarse sand: 4 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9806.66</td>
<td>5</td>
<td>49033.3</td>
</tr>
<tr>
<td>3</td>
<td>4.17</td>
<td>Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 Coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm bed by dry brick ballast 40 mm nominals size well rammed and consolidated and grouted with fine sand including finishing the top smooth</td>
<td>Sqm</td>
<td>630.08</td>
<td>240</td>
<td>151219.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head-2</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>2349545.29</strong></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (\textdollar)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>---------------------</td>
</tr>
<tr>
<td>SUB HEAD-3</td>
<td>REINFORCED CEMENT CONCRETE WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>5.1.2</td>
<td>Providing and laying in position specified graded of reinforced cement concrete.1:1.5:3 (1 cement : 1.5 Coarse Sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>351.45</td>
<td>3330487.81</td>
</tr>
<tr>
<td>2</td>
<td>5.9</td>
<td>Centering and shuttering including levelling, strufing and propping and removal of form.</td>
<td>Sqm</td>
<td>310.43</td>
<td>1489.44</td>
<td>462366.86</td>
</tr>
<tr>
<td>A</td>
<td>5.9.1</td>
<td>Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td>Sqm</td>
<td>463.40</td>
<td>177.88</td>
<td>82429.59</td>
</tr>
<tr>
<td>B</td>
<td>5.9.5</td>
<td>Lintels, Beams, Plinth Beams, Girders, Bressumers &amp; Cantilevers</td>
<td>Sqm</td>
<td>549.93</td>
<td>275</td>
<td>151230.75</td>
</tr>
<tr>
<td>C</td>
<td>5.9.3</td>
<td>Suspended floors, roofs, landings, balconies and excess platform</td>
<td>Sqm</td>
<td>646.02</td>
<td>363.50</td>
<td>234828.27</td>
</tr>
<tr>
<td>D</td>
<td>5.9.6</td>
<td>Columns, Pillars, Piers, Abutments</td>
<td>Sqm</td>
<td>576.57</td>
<td>15</td>
<td>8648.55</td>
</tr>
<tr>
<td>E</td>
<td>5.9.7</td>
<td>Stairs, excluding landings (except spiral staircase)</td>
<td>Sqm</td>
<td>503.82</td>
<td>550</td>
<td>277101</td>
</tr>
<tr>
<td>F</td>
<td>5.9.2</td>
<td>Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>10668.50</td>
<td>54.23</td>
<td>578552.76</td>
</tr>
<tr>
<td>3</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, shuttering, finishing and reinforcement : piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement :1:1.5:3 (1 cement : 1.5 Coarse Sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10219.86</td>
<td>143.50</td>
<td>1466549.91</td>
</tr>
<tr>
<td>4</td>
<td>5.3</td>
<td>Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5 :3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).</td>
<td>Cum</td>
<td>9681.82</td>
<td>146.86</td>
<td>1421872.09</td>
</tr>
<tr>
<td>5</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete 1) Thermo-mechanical Treated Bar</td>
<td>Kg</td>
<td>83.84</td>
<td>36778.75</td>
<td>3083530.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total Sub-head- 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9675725.90</td>
</tr>
<tr>
<td>SUB HEAD-4</td>
<td>BRICK WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>6.2.2</td>
<td>Brick work with F.P. S. Bricks of class designation 75 in foundation and plinth in 1:6 (1 cement : 6 Coarse Sand)</td>
<td>Cum</td>
<td>9681.82</td>
<td>146.86</td>
<td>1421872.09</td>
</tr>
<tr>
<td>2</td>
<td>6.4.2</td>
<td>Brick work with F.P.S. Bricks of class designation 75 in super structure in cement.1:6 (1 cement : 6 coarse Sand)</td>
<td>Cum</td>
<td>10722.65</td>
<td>207.63</td>
<td>2226343.82</td>
</tr>
<tr>
<td>3</td>
<td>6.13</td>
<td>Half brick masonry with bricks of class designation 75 in Foundation and plinth in :1:4 (1 cement : 4 coarse Sand)</td>
<td>Sqm</td>
<td>1023.06</td>
<td>75.00</td>
<td>76729.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3724945.40</td>
</tr>
</tbody>
</table>

Balance BOQ

Page 2 of 23

Nakukchara
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO:2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount ()</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10.6.3</td>
<td>80x0.90 mm M.S. laths with 0.90 mm thick top cover sqm</td>
<td>Sqm</td>
<td>2865.19</td>
<td>36</td>
<td>103146.84</td>
</tr>
<tr>
<td>2</td>
<td>10.7</td>
<td>Ball bearing for rolling shutter.</td>
<td>Nos.</td>
<td>799.52</td>
<td>15</td>
<td>11992.8</td>
</tr>
<tr>
<td>3</td>
<td>10.8</td>
<td>Extra for providing mechanical device chain and crank operation for operating rolling shutters</td>
<td>Sqm</td>
<td>1187.30</td>
<td>24</td>
<td>28495.2</td>
</tr>
<tr>
<td>4</td>
<td>10.11</td>
<td>Providing and fixing ISI marked steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitred and welded with 15x3mm lugs, 10cm long, embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 sand : 6 grade stone aggregate 20 mm nominal size) or with wooden plugs and screws or raw plugs and screws or with fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal sash putty of approved make complete including applying a priming coat of approved steel primer, excluding the cost of metal beading and other fittings except necessary hinges or pivots as required. In composite units of doors, windows and ventilators</td>
<td>Kg</td>
<td>179.40</td>
<td>2500</td>
<td>448500</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Suppling and fixing of SS Mosquito Mesh on doors and windows with 50x25 mm. wooden frame, made of local wood, applied with primer and paint one coat each complete with hardwares</td>
<td>Sqm</td>
<td>3500.00</td>
<td>80</td>
<td>280000</td>
</tr>
<tr>
<td>6</td>
<td>10.13</td>
<td>Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.</td>
<td>Kg</td>
<td>136.62</td>
<td>2100</td>
<td>286902</td>
</tr>
<tr>
<td>7</td>
<td>10.16.1</td>
<td>Steel work in built up tubular trusses including cutting, fixing, hoisting, fixing in position.</td>
<td>Kg</td>
<td>158.28</td>
<td>18000</td>
<td>2849040</td>
</tr>
<tr>
<td>8</td>
<td>10.30</td>
<td>Providing and fixing glass panes with putty and glazing clips in steel doors, windows, celestary windows all complete with:</td>
<td>Kg</td>
<td>158.28</td>
<td>18000</td>
<td>2849040</td>
</tr>
<tr>
<td>10.30.1</td>
<td>4.0 mm thick glass panes</td>
<td>Sqm</td>
<td>813.00</td>
<td>100</td>
<td>81300</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Market Rate</td>
<td>Roofing- Multi- Seam Standing- Coated Galvalume:- Preparing shop drawing, Supply &amp; installation in position Multi- Seam standing seam lock roofing sheet having trapezoidal shape with minimum 30 mm deep crest and 200 mm in pitch distance with guard film. The sheet shall be fixed using self drilling / self tapping screws of size ( 5.5 x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape where ever required. The sheet should be supplied in single length without end lap. The profile and fixing should be formed SMP coating of 5-7 micron on top and 6-8 micron of service coat in grey colour over primer on back as per ASTM A5 1397. Steel should have 550 mpa yield strength with AZ - 150 (total on / both side). Material will be supplied as per ASTM A - 792. Thickness : 0.50 mm (TCT)</td>
<td>Sqm</td>
<td>1018.84</td>
<td>1420</td>
<td>1446752.8</td>
</tr>
<tr>
<td>10</td>
<td>Market Rate</td>
<td>Supply and fixing of flashings/ Ridges/ Gutter fabricated out of plain sheet with colour coated galvalume sheet in 0.50mm (TCT) thickness out of plain sheet using self drilling / self tapping screws complete</td>
<td>RM</td>
<td>1334.97</td>
<td>300</td>
<td>400491</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount ((\text{'}))</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>-------</td>
<td>--------</td>
<td>----------</td>
<td>---------------------</td>
</tr>
<tr>
<td>11</td>
<td>12.52</td>
<td>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/ sqm, both side inclusive) consisting of main &quot;T&quot; runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross &quot;T&quot; of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main &quot;T&quot; at</td>
<td>Sqm</td>
<td>1485.83</td>
<td>300</td>
<td>445749</td>
</tr>
<tr>
<td>12.52.1</td>
<td>12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part 1 and laminated with white 0.16mm thick fire retardant PVC film on the face side and 12micron metalized polyester on the back side with all edges sealed with the face side PVC film which goes around and wraps the edges and is bonded to the edges and the back side metalized polyester film so as to make the tile a completely sealed unit</td>
<td>Sqm</td>
<td>1485.83</td>
<td>300</td>
<td>445749</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6382369.64</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-6</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>11.26</td>
<td>Kota stone slab flooring over 20 mm (average) thick base laid over and joined with grey cement slurry mixed with pigment to match the shade of the slab including rubbing, and polishing complete with base of cement mortar 1:4 (1 cement : 4 course sand).</td>
<td>Sqm</td>
<td>1759.00</td>
<td>560</td>
<td>985040</td>
</tr>
<tr>
<td>2</td>
<td>11.27</td>
<td>Kota stones slabs 25 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 course sand) and joined with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.</td>
<td>Sqm</td>
<td>1757.90</td>
<td>75</td>
<td>131842.5</td>
</tr>
<tr>
<td>3</td>
<td>11.36</td>
<td>Providing and fixing lst quality ceramic glazed tiles conforming to IS : 13753 of minimum thickness 5 mm of approved make like NITCO, ORIENT, SOMANY, KAJARIA, or equivalent make in all colours, shades, desgin &amp; prints, except begundy, bottle green, black of any size as per approved design</td>
<td>Sqm</td>
<td>1347.11</td>
<td>225</td>
<td>303099.75</td>
</tr>
<tr>
<td>4</td>
<td>11.31</td>
<td>Extra for nosing in treads of steps of Kota stone/ sand stone slab</td>
<td>Sqm</td>
<td>1759.00</td>
<td>560</td>
<td>985040</td>
</tr>
<tr>
<td>5</td>
<td>11.41</td>
<td>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 19622 of approved make in all colours, laid on 20 mm thick bed of cement Mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigment etc complete</td>
<td>Rm</td>
<td>101.75</td>
<td>300</td>
<td>30525</td>
</tr>
<tr>
<td>11.41.2</td>
<td>Sizes of Tiles 600 x 600 mm</td>
<td>Sqm</td>
<td>2302.95</td>
<td>180</td>
<td>414531</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 6</strong></td>
<td></td>
<td></td>
<td></td>
<td>1865038.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>8.1.1</td>
<td>Providing and fixing 18 mm thick mirror polished, machine cut for kitchen plat forms, vanity counters facias and similar locations of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement mixed with matching pigments, epoxy touchups including rubbing, curing etc. complete at all levels.</td>
<td>Sqm</td>
<td>4304.20</td>
<td>8</td>
<td>34433.6</td>
</tr>
<tr>
<td>2</td>
<td>8.3.1</td>
<td>Extra for providing edge moulding to 18 mm thick granite stone counters, vanities etc over item no. 6.1 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer in charge</td>
<td>Mtr</td>
<td>196.60</td>
<td>11</td>
<td>2162.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 7</strong></td>
<td></td>
<td></td>
<td></td>
<td>36596.20</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-8</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>9.21.1</td>
<td>P &amp; F ISI marked Flush door shutters non-decorative type; commercial ply with 3 ply face veneers on both faces of shutters; 35 mm thick ic Stainless Steel butt hinges;</td>
<td>Sqm</td>
<td>2935.64</td>
<td>55</td>
<td>161460.2</td>
</tr>
<tr>
<td>2</td>
<td>9.27.1</td>
<td>P/F 35 mm thick wire gauge shutter for doors, windows M.S butt hinges; Second class teakwood.</td>
<td>Sqm</td>
<td>5273.75</td>
<td>36.000</td>
<td>189855</td>
</tr>
<tr>
<td>3</td>
<td>9.40.1.1</td>
<td>Providing and fixing wooden moulded beadings to door and window frames with iron screws,plugs and priming coat on unexposed surface etc. complete. 2nd class teak wood; 50 x 12 mm</td>
<td>Rnt</td>
<td>183.02</td>
<td>115</td>
<td>21047.3</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO:2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (()</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>-----------</td>
</tr>
<tr>
<td>4</td>
<td>9.84</td>
<td>Providing and fixing Is :3564 Marked aluminium extruded Section body tabular type Universal Hydraulic Door with double speed adjustment with necessories and screws etc complete</td>
<td>Each</td>
<td>1826.06</td>
<td>15</td>
<td>27390.825</td>
</tr>
<tr>
<td>5</td>
<td>9.96.2</td>
<td>Providing and fixing Is ISI Marked aluminium sliding Door boards ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc complete :250X16 mm</td>
<td>Each</td>
<td>314.25</td>
<td>30</td>
<td>9427.5</td>
</tr>
<tr>
<td>6</td>
<td>9.97.2</td>
<td>Providing and fixing aluminium Tower Bolts ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc complete :250X10mm</td>
<td>Each</td>
<td>160.80</td>
<td>30</td>
<td>4824</td>
</tr>
<tr>
<td>7</td>
<td>9.97.3</td>
<td>Providing and fixing aluminium Tower Bolts ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc complete :200X10mm</td>
<td>Each</td>
<td>132.15</td>
<td>25</td>
<td>3303.825</td>
</tr>
<tr>
<td>9</td>
<td>9.100.1</td>
<td>Providing and fixing aluminium handles ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc Complete :125 mm</td>
<td>Each</td>
<td>116.25</td>
<td>50</td>
<td>5812.5</td>
</tr>
<tr>
<td>10</td>
<td>9.101.1</td>
<td>Providing and fixing aluminium hanging door stopper ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc Complete :Single rubber stopper</td>
<td>Each</td>
<td>53.20</td>
<td>50</td>
<td>2659.8</td>
</tr>
<tr>
<td>11</td>
<td>9.119</td>
<td>Providing and fixing factory made PVC door frame of size 50x 47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet mitred at corners and joined with 2 Nos.of 150 mm long brackets of 15 x 15 mm M.S.square tube the vertical door profiles to be reinforced with 19 x 19 mm M.S.square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S.screws of 65/100 mm size complete as per manufacturers specification and direction of Engineer-in-charge.</td>
<td>Mtr</td>
<td>752.56</td>
<td>60</td>
<td>45153.6</td>
</tr>
<tr>
<td>12</td>
<td>9.120.2</td>
<td>Providing and fixing to existing door frames 30 mm thick factory made solid both side Pre-laminated panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top &amp; bottom rails M.S. frame shall have a coat of steel primers of approved make and manufacture M.S. frame covered with 5 mm thick heat moulded Pre-laminated PVC ‘C’ channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either side forming styles; and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10 mm (5mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail panelling of 5 mm thick both side Pre-laminated PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7 mm (5mm + 2mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be struck on the interior side of the ‘C’ Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, Manufacture's specification &amp; drawing (for W.C. and bathroom door shutter).</td>
<td>Sqm</td>
<td>5501.88</td>
<td>20</td>
<td>110037.6</td>
</tr>
<tr>
<td>13</td>
<td>9.48.1</td>
<td>Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats , square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding</td>
<td>Kg</td>
<td>168.80</td>
<td>3000</td>
<td>506400</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Providing and fixing cupboard using 19 mm thick block board of approved make, inside face painted with synthetic enamel paint of approved make and 0.8 mm thick laminate pasted on the outside face, with all accessories- S.S hinges, magnetic catcher, handles, hangers etc. and fixed on the wall using wooden battens all complete</td>
<td>Sqm</td>
<td>6000.00</td>
<td>30</td>
<td>180000</td>
</tr>
<tr>
<td>Total Sub-head-8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1267372.15</strong></td>
</tr>
</tbody>
</table>

SUBHEAD-9 FINISHING WORK
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (`)</th>
<th>Quantity</th>
<th>Amount (`)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13.1.2</td>
<td>12mm Cement Plaster of Mix; 1:6 (1 cement : 6 fine sand) inside plaster</td>
<td>Sqm</td>
<td>173.25</td>
<td>2600</td>
<td>450450</td>
</tr>
<tr>
<td>2</td>
<td>13.2.1</td>
<td>15mm Cement Plaster on the rough side of single or half brick wall of mix:1:6. (1 cement : 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>1500</td>
<td>300765</td>
</tr>
<tr>
<td>3</td>
<td>13.17</td>
<td>6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams.</td>
<td>Sqm</td>
<td>220.64</td>
<td>800</td>
<td>176512</td>
</tr>
<tr>
<td>4</td>
<td>13.26</td>
<td>Providing and applying Plaster of Paris (POP) on walls of thickness not less than 8 mm finished smooth to line and level.</td>
<td>Sqm</td>
<td>155.87</td>
<td>1000</td>
<td>155870</td>
</tr>
<tr>
<td>5</td>
<td>13.41.1</td>
<td>Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade.</td>
<td>Sqm</td>
<td>124.06</td>
<td>2400</td>
<td>297744</td>
</tr>
<tr>
<td>6</td>
<td>13.46.1</td>
<td>Finishing walls with Acrylic Smooth exterior paint of required shade.</td>
<td>Sqm</td>
<td>125.55</td>
<td>2100</td>
<td>263655</td>
</tr>
<tr>
<td>7</td>
<td>13.50.1</td>
<td>Applying priming coat : With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).</td>
<td>Sqm</td>
<td>48.08</td>
<td>90</td>
<td>4327.2</td>
</tr>
<tr>
<td>8</td>
<td>13.61.1</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade.</td>
<td>Sqm</td>
<td>100.16</td>
<td>700</td>
<td>70112</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Sub-head- 9</td>
<td></td>
<td></td>
<td></td>
<td>1757037.70</td>
</tr>
</tbody>
</table>

**SUB HEAD-10 SANITARY WORK**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (`)</th>
<th>Quantity</th>
<th>Amount (`)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17.1.1</td>
<td>Providing and fixing water closet squatting pan (India type W.C pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern with manually controlled divice (Handle lever) conforming to IS 7231 parryware/hindware/seabird/orient (coral) with all fitting and fixtures complete including cutting and making good the walls and floors wherever required</td>
<td>Nos.</td>
<td>5513.23</td>
<td>4</td>
<td>22052.92</td>
</tr>
<tr>
<td>2</td>
<td>17.3.1</td>
<td>Providing and fixing white vitreous china pedestal type water closet (European type W.C pan with seat and lid, 10 ltr. Low level white PVC flushing system with manually controlled divice (Handle lever) conforming to IS 7231 parryware / hindware / seabird / orient (coral) with all fitting and fixtures complete including cutting and making good the walls and floors wherever required</td>
<td>Nos.</td>
<td>7850.69</td>
<td>4</td>
<td>31402.76</td>
</tr>
<tr>
<td>3</td>
<td>17.7.3</td>
<td>Providing and fixing wash basin with C.I. brackets,15 mm C.P. brass pillar taps, 32mm C.P.brasse waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required ; White vitreous China; Wash basin</td>
<td>Nos.</td>
<td>3124.71</td>
<td>10</td>
<td>31247.1</td>
</tr>
<tr>
<td>4</td>
<td>17.10.1.1</td>
<td>Providing and fixing saleem stainless steel A ISI : 304 (18/8) kitchen sink as per IS:13983 with C.I brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required; Kitchen Sink with Drain Board</td>
<td>Nos.</td>
<td>12543.00</td>
<td>2</td>
<td>25086</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head-9</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1757037.70</strong></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (₹)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>------------</td>
</tr>
<tr>
<td>5</td>
<td>17.32.2</td>
<td>Providing and fixing 600X450 bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P brass screws and washers complete.</td>
<td></td>
<td>698.80</td>
<td>12</td>
<td>8385.6</td>
</tr>
<tr>
<td>6</td>
<td>17.73.1</td>
<td>Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fitting arrangement of approved quality colour and make (Prayag or equivalent) 450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88 mm, weighing not less than 170 gm.</td>
<td></td>
<td>698.80</td>
<td>9</td>
<td>6289.2</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (¢)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>------</td>
<td>-------</td>
<td>----------</td>
<td>------------</td>
</tr>
<tr>
<td>8</td>
<td>17.72</td>
<td>Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with a minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality, colour and make weighing not less than 88 gms.</td>
<td>Nos.</td>
<td>315.92</td>
<td>10</td>
<td>3159.21</td>
</tr>
<tr>
<td>9</td>
<td>17.23</td>
<td>Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.</td>
<td>Nos.</td>
<td>1474.24</td>
<td>3</td>
<td>4422.72</td>
</tr>
<tr>
<td>10</td>
<td>18.52</td>
<td>Providing and fixing C.P.brass stop cock (concealed) of standard design and of approved make conforming to IS :8931: 15 mm nominal bore</td>
<td>Nos.</td>
<td>793.38</td>
<td>8</td>
<td>6347.04</td>
</tr>
<tr>
<td>11</td>
<td>17.34</td>
<td>Providing and fixing toilet paper holder</td>
<td>Nos.</td>
<td>466.77</td>
<td>4</td>
<td>1867.068</td>
</tr>
<tr>
<td>12</td>
<td>18.49.1</td>
<td>Providing and fixing C.P.brass bib cock of approved quality conforming to IS :8931: 15 mm nominal bore</td>
<td>Nos.</td>
<td>739.35</td>
<td>24</td>
<td>17744.4</td>
</tr>
<tr>
<td>14</td>
<td>18.51.1</td>
<td>Providing and fixing C.P.brass long body bib cock of approved quality conforming to IS standard and weighing not less than 690 gms: 15 mm nominal bore</td>
<td>Nos.</td>
<td>800.92</td>
<td>6</td>
<td>4805.496</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>Providing and fixing C.P.brass shower fitting comprising of all mixture of Half turn fittings- one overhead pressure adjustable shower with shower arm and wall flange, two concealed stop cocks with wall flange, one four way diverter, one bath spout with wall flange including cutting and making good the walls where required.</td>
<td>Nos.</td>
<td>3850.00</td>
<td>8</td>
<td>30800</td>
</tr>
<tr>
<td>16</td>
<td>18.58</td>
<td>Providing and fixing PTMT grating of approved quality and colour</td>
<td>Nos.</td>
<td>83.80</td>
<td>35</td>
<td>2933</td>
</tr>
<tr>
<td></td>
<td>18.58.1.1</td>
<td>100 mm nominal dia</td>
<td>each</td>
<td>83.80</td>
<td>35</td>
<td>2933</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 10</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>196542.51</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUB HEAD 11</th>
<th>INTERNAL DRAINAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Providing and fixing soil, waste and vent pipes : 100 mm dia; Sand cast iron S&amp;S pipe as per IS: 1729</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing M.S. holder-bat, clamps of approved design to Sand Cast iron/ cast iron (spun) pipe embedded in and including cement concrete blocks 10 x 10 x 10 cm of 1:2:4 mix (1 cement :2 sand :4 graded stone aggregate 20 mm nominal size) including cost of cutting holes and making good the walls etc: For 100 mm dia Pipe</td>
</tr>
<tr>
<td></td>
<td>Mtr</td>
</tr>
<tr>
<td></td>
<td>each</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>3</td>
<td>17.38.1.1</td>
</tr>
<tr>
<td>4</td>
<td>17.39.1.1</td>
</tr>
<tr>
<td>5</td>
<td>17.43.1.1</td>
</tr>
<tr>
<td>6</td>
<td>17.56.1.1</td>
</tr>
<tr>
<td>7</td>
<td>17.57.1.1</td>
</tr>
<tr>
<td>8</td>
<td>17.58.1</td>
</tr>
<tr>
<td>9</td>
<td>17.60.1.2</td>
</tr>
<tr>
<td>10</td>
<td>18.76.1</td>
</tr>
<tr>
<td>11</td>
<td>18.78</td>
</tr>
<tr>
<td><strong>Total Sub-head-11</strong></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>4</td>
<td>18.17.1</td>
</tr>
<tr>
<td>4</td>
<td>18.17.3</td>
</tr>
<tr>
<td>4</td>
<td>18.17.4</td>
</tr>
<tr>
<td>4</td>
<td>18.17.5</td>
</tr>
<tr>
<td>4</td>
<td>18.17.6</td>
</tr>
<tr>
<td>5</td>
<td>18.46.1</td>
</tr>
<tr>
<td>5</td>
<td>18.46.2</td>
</tr>
<tr>
<td>5</td>
<td>18.46.3</td>
</tr>
<tr>
<td>5</td>
<td>18.46.4</td>
</tr>
<tr>
<td>6</td>
<td>18.48</td>
</tr>
</tbody>
</table>

**Total Sub-head- 12**

**UNFILTERED WATER SUPPLY WITH DISTRIBUTION**

<table>
<thead>
<tr>
<th>SUB HEAD 13</th>
<th>UNFILTERED WATER SUPPLY WITH DISTRIBUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling etc. (external work)</td>
</tr>
<tr>
<td>18.12.5</td>
<td>40 mm dia pipe</td>
</tr>
<tr>
<td>Mtr</td>
<td>547.21</td>
</tr>
<tr>
<td>280</td>
<td>153218.8</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing Gun metal gate valve with C.I wheel of approved quality (Screwed end)</td>
</tr>
<tr>
<td>18.17.3</td>
<td>40 mm dia N.B</td>
</tr>
<tr>
<td>Nos.</td>
<td>1015.65</td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing G.I.Union in G.I.pipe including cutting and threading the pipe and making long screws etc.complete (new work): 15 mm nominal bore</td>
</tr>
<tr>
<td>18.46.5</td>
<td>40 mm dia N.B</td>
</tr>
<tr>
<td>each</td>
<td>427.70</td>
</tr>
<tr>
<td>75</td>
<td>32078.25</td>
</tr>
</tbody>
</table>

**Total Sub-head- 13**

**EXTERNAL DRAINAGE**

<table>
<thead>
<tr>
<th>SUB HEAD 14</th>
<th>EXTERNAL DRAINAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NSR</td>
</tr>
<tr>
<td>Supplying and fixing 100 mm CI pipe for connection from manhole to septic tank including earthwork etc. all complete</td>
<td></td>
</tr>
<tr>
<td>Mtr</td>
<td>1200.00</td>
</tr>
<tr>
<td>30</td>
<td>36000.00</td>
</tr>
<tr>
<td>2</td>
<td>19.32.1</td>
</tr>
<tr>
<td>Making soak pit 2.5 m diameter 3.0 metre with 45 x 45 cm dry brick honeycomb shaft with bricks of class designation 75 and S.W.drain pipe 100 mm diameter, 1.8 m long complete as per standard design: With F.P.S.bricks</td>
<td></td>
</tr>
<tr>
<td>Nos.</td>
<td>26642.73</td>
</tr>
<tr>
<td>4</td>
<td>106570.93</td>
</tr>
</tbody>
</table>

**Total Sub-head- 14**

**ROAD WORK**

<table>
<thead>
<tr>
<th>SUB HEAD 15</th>
<th>ROAD WORK</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>16.1</td>
</tr>
<tr>
<td>Preparation and consolidation of subgrade with power roller of 8 to 12 tonnes capacity after excavation earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth lead upto 50 Metres:</td>
<td></td>
</tr>
<tr>
<td>Sqa</td>
<td>113.93</td>
</tr>
<tr>
<td>1204.00</td>
<td>137165.70</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
</tr>
<tr>
<td>Providing and laying in position machine mixed plain cement concrete of specified: 1:4:8 (1 cement :4 coarse sand: 8 graded stone aggregate 40 mm nominal size).</td>
<td></td>
</tr>
<tr>
<td>Cum</td>
<td>6683.54</td>
</tr>
<tr>
<td>85.40</td>
<td>570774.15</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
</tr>
<tr>
<td>4</td>
<td>5.9.1</td>
</tr>
<tr>
<td>5</td>
<td>5.22.1</td>
</tr>
</tbody>
</table>

**SUB HEAD 16 UNDER GROUND WATER TANK**

<table>
<thead>
<tr>
<th>SUB HEAD-16</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (\textdollar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width)</td>
<td>Cum</td>
<td>184.00</td>
<td>150</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>7</td>
</tr>
<tr>
<td>3</td>
<td>5.9.1</td>
<td>Centering and shuttering including leveling, strutting and propping and removal from.</td>
<td>Sqm</td>
<td>310.43</td>
<td>8</td>
</tr>
<tr>
<td>A</td>
<td>5.9.2</td>
<td>Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>225</td>
</tr>
<tr>
<td>B</td>
<td>5.9.3</td>
<td>Suspended floors, roofs, landings, balconies and access platforms.</td>
<td>Sqm</td>
<td>549.93</td>
<td>60</td>
</tr>
<tr>
<td>4</td>
<td>5.1.2</td>
<td>Providing and laying in position specific grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work upto plinth level 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness) including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, abutments, posts and struts etc. Upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement - 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>42</td>
</tr>
<tr>
<td>6</td>
<td>5.3</td>
<td>Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).</td>
<td>Cum</td>
<td>10219.86</td>
<td>15</td>
</tr>
<tr>
<td>7</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete</td>
<td>Kg</td>
<td>83.84</td>
<td>4000</td>
</tr>
<tr>
<td>8</td>
<td>22.4</td>
<td>Providing and placing in position suitable PVC water stops conforming to IS:12200 for construction/expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete</td>
<td>Sqm</td>
<td>802.87</td>
<td>120</td>
</tr>
</tbody>
</table>

**Total Sub-head-16**

2620119.58

**SUB HEAD-17 STORM WATER DRAIN**

<table>
<thead>
<tr>
<th>SUB HEAD-17</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (\textdollar)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width).</td>
<td>Cum</td>
<td>184.00</td>
<td>264.00</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>26.40</td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
<td>Providing and laying in position specified grade of reinforced cement concrete 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>128.10</td>
</tr>
</tbody>
</table>

**Total Sub-head-17**

1389466.20
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (₹)</th>
<th>Quantity</th>
<th>Amount (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>5.9.1</td>
<td>Centering and shuttering including leveling, strutting and proping and removal from concrete work at all levels for.</td>
<td>Cum</td>
<td>9476.42</td>
<td>100.00</td>
<td>947642</td>
</tr>
<tr>
<td>5</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete</td>
<td>Kg</td>
<td>83.84</td>
<td>4500</td>
<td>377280</td>
</tr>
<tr>
<td>6</td>
<td>13.2.1</td>
<td>15mm Cement Plaster on the rough side of single or half brick wall of mix:1:6. (1 cement : 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>800</td>
<td>160408</td>
</tr>
</tbody>
</table>

**Total Sub-head-17** 1939821.312

**SUB HEAD-18 RETAINING WALL**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (₹)</th>
<th>Quantity</th>
<th>Amount (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. All kind of soil</td>
<td>Cum</td>
<td>184.00</td>
<td>31.80</td>
<td>5851.20</td>
</tr>
<tr>
<td>2</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level</td>
<td>Cum</td>
<td>6683.54</td>
<td>5.00</td>
<td>33417.69</td>
</tr>
<tr>
<td>3</td>
<td>Centering and shuttering including leveling, strutting and proping and removal of form for concrete work at all levels for:</td>
<td>Sqm</td>
<td>310.43</td>
<td>10.00</td>
<td>3104.34</td>
</tr>
<tr>
<td>A</td>
<td>Foundations, bases of columns, plinth beams, columns below plinth level etc</td>
<td>Sqm</td>
<td>503.82</td>
<td>50.00</td>
<td>25191.00</td>
</tr>
<tr>
<td>B</td>
<td>Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>50.00</td>
<td>25191.00</td>
</tr>
<tr>
<td>4</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement: All work upto plinth level: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>13.00</td>
<td>123193.47</td>
</tr>
<tr>
<td>5</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>10.00</td>
<td>106684.95</td>
</tr>
<tr>
<td>6</td>
<td>Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>Kg</td>
<td>83.84</td>
<td>3000</td>
<td>251532.91</td>
</tr>
</tbody>
</table>

**Total Sub-head-18** 548975.56

**SUB HEAD-19 RRM RETAINING WALL**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (₹)</th>
<th>Quantity</th>
<th>Amount (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Earth work in excavation by meachanical means (Hydraulic Excavator) manual means over areas (exceeding 30cm in depth:1.5m in width as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil</td>
<td>CUM</td>
<td>184.00</td>
<td>40</td>
<td>7360</td>
</tr>
<tr>
<td>2</td>
<td>Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.</td>
<td>CUM</td>
<td>90.00</td>
<td>12</td>
<td>1080</td>
</tr>
<tr>
<td>3</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)</td>
<td>CUM</td>
<td>6244.76</td>
<td>5</td>
<td>31223.82</td>
</tr>
<tr>
<td>4</td>
<td>Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with:</td>
<td>CUM</td>
<td>5690.11</td>
<td>20</td>
<td>113802.24</td>
</tr>
</tbody>
</table>

**Total Sub-head-19** 153466.06
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (\textdollar)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>BOUNDARY WALL AND FENCING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed. All kind of soil.</td>
<td>Cum</td>
<td>184.00</td>
<td>281.25</td>
<td>51750</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level</td>
<td>Cum</td>
<td>6683.54</td>
<td>21.27</td>
<td>142158.8958</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Centering and shuttering including leveling, struting and propping and removal of form for concrete work at all levels for:</td>
<td>Sqm</td>
<td>310.43</td>
<td>163.00</td>
<td>50600.09</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>578.70</td>
<td>291560.634</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>9476.42</td>
<td>68.33</td>
<td>647523.7766</td>
</tr>
<tr>
<td>4</td>
<td>5.1.2.</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal</td>
<td>Sqm</td>
<td>503.82</td>
<td>578.70</td>
<td>291560.634</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>Kg</td>
<td>83.84</td>
<td>7100</td>
<td>595264</td>
</tr>
<tr>
<td>6</td>
<td>6.2.2</td>
<td>Brick work with F.P.S. Bricks of class designation 75 in foundation and plinth in 1:6 (1 cement : 6 coarse sand)</td>
<td>Cum</td>
<td>9681.82</td>
<td>60.62</td>
<td>588911.9284</td>
</tr>
<tr>
<td>7</td>
<td>13.1.2</td>
<td>12mm Cement Plaster of Mix; 1:6 (1 cement : 6 fine sand) inside plaster</td>
<td>Sqm</td>
<td>173.25</td>
<td>320</td>
<td>55440</td>
</tr>
<tr>
<td>8</td>
<td>16.53</td>
<td>Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre operable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron &quot;Y&quot; shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/ sq mm with tape (0.52 mm thick) and weight 43.478 gm/ metre (cost of M.S. angle, C.C. blocks shall be paid separately)</td>
<td>mtr</td>
<td>470.19</td>
<td>250</td>
<td>117547.5</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Fencing with angle iron post placed at required distance embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post on one side only and provided with horizontal lines and two diagonals interwoven with horizontal wires, of barbed wire weighing 9.38 kg per 100 m (minimum), between the two posts fitted and fixed with G.I. staples, turn buckles etc. complete.(Cost of posts, struts, earth work and concrete work to be paid for separately). Payment to be made per metre cost of total length of barbed wire used.</td>
<td>metre</td>
<td>21.10</td>
<td>4250.00</td>
<td>89675</td>
</tr>
<tr>
<td>10</td>
<td>16.16</td>
<td>Supplying and fixing turn buckles and straining bolts for barbed wire fencing.</td>
<td>each set</td>
<td>254.46</td>
<td>100.00</td>
<td>25446</td>
</tr>
<tr>
<td>11</td>
<td>16.19</td>
<td>Supplying at site Angle iron post &amp; strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete</td>
<td>kg</td>
<td>116.13</td>
<td>1991.25</td>
<td>231243.8625</td>
</tr>
<tr>
<td><strong>Total Sub-head- 20</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>2885121.689</strong></td>
</tr>
<tr>
<td><strong>Total of Civil works (Subhead 1 - 20)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>39653928.18</strong></td>
</tr>
</tbody>
</table>

**MISCELLANEOUS WORKS**
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (\textdollar{})</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Supply, installation &amp; commissioning of Water treatment plant 200 LPH capacity comprising of RO treatment, Iron removal filter, Anti-scaralant dosing, &amp; PH correction system with following specifications complete in all respect: Permeate Flow 200 LPH, Feed Flow 100 LPH, Feed Pressure (Max) 14 kg/cm², Motor Rating 1.0 HP, No. of Membrane 1 No, Type of Membrane TFC, Size of Membrane 4.0'', DMF Inlet Pressure Max 3.0 Kg/cm², No. of Pr. Tubes 1 No, Cartridge Filter, Size 10'', Recovery 20-25%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (\textdollar)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>--------</td>
<td>----------</td>
<td>---------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 1</strong></td>
<td></td>
<td></td>
<td></td>
<td>411156.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-2</strong></td>
<td></td>
<td></td>
<td></td>
<td>2406250.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SOLAR BACKUP SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Providing and installation Solar energy system of 5KV capacity comprising of solar panel, 10 nos, tubular battaries (150 AH) complete in all respect with requird panel, converter with etc as per desgin, drawings and specifications.</td>
<td>Job</td>
<td>2406250.00</td>
<td>1</td>
<td>2406250</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 2</strong></td>
<td></td>
<td></td>
<td></td>
<td>2406250</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-3</strong></td>
<td></td>
<td></td>
<td></td>
<td>300000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>MOVABLE FIXTURES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>a 3 nos Bed 7' X 4'(one each for vip room, coy comdr room and coy 2ic)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>b 3 nos Coir mattress (one each for vip room, coy comdr. room and coy 2ic)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>c 2 nos TV/LED (one 21&quot; for VIP room and 32 &quot; for recreation room</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>d 1 no Office chair factory made</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>e 1 office table factory made</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>f 1 no office chair for signal centre</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>g 1 table for signal centre</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>h 50 nos plastic dining chair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>i 1 no Refrigerator</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>j 2 nos AC 1.5 ton</td>
<td>LS</td>
<td>300000.00</td>
<td>1</td>
<td>300000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 3</strong></td>
<td></td>
<td></td>
<td></td>
<td>300000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-4</strong></td>
<td></td>
<td></td>
<td></td>
<td>442977.79</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>RAIN WATER RECHARGED WELL</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) All kinds of soil</td>
<td>Cum</td>
<td>184.00</td>
<td>57.8</td>
<td>10598.40</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>b) Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level.</td>
<td>Cum</td>
<td>6683.54</td>
<td>2</td>
<td>13367.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c) 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).</td>
<td>Cum</td>
<td>9476.42</td>
<td>10</td>
<td>94764.21</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>d) Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level.</td>
<td>Cum</td>
<td>9681.82</td>
<td>15</td>
<td>145227.30</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>e) Centering and shuttering including strutting, propping etc. and removal of form for:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>f) Foundations, footings, bases of columns etc. for mass concrete.</td>
<td>Sqm</td>
<td>310.43</td>
<td>40</td>
<td>12417.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>g) Reinforcement of R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>Kg</td>
<td>83.84</td>
<td>800</td>
<td>67075.44</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>h) TMT Bars</td>
<td>Kg</td>
<td>83.84</td>
<td>800</td>
<td>67075.44</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>i) Supply and laying including earthwork etc. of PVC pipe of 75 mm dia.for rain water harvesting</td>
<td>mtr</td>
<td>331.76</td>
<td>300</td>
<td>99528.00</td>
</tr>
<tr>
<td>7</td>
<td>6.2.2</td>
<td>j) Brick work with F.P.S. Bricks of class designation 75 in foundation and plinth in 1:6 (1 cement : 6 Coarse Sand )</td>
<td>Cum</td>
<td>9681.82</td>
<td>15</td>
<td>145227.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 4</strong></td>
<td></td>
<td></td>
<td></td>
<td>442977.79</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (₹)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>----------</td>
<td>------------</td>
</tr>
<tr>
<td><strong>SUB HEAD 5</strong></td>
<td><strong>HORTICULTURE WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately): In rows 7.5 cm apart in either direction</td>
<td>100sqm</td>
<td>980.00</td>
<td>5</td>
<td>4900</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Supplying and planting the following as per drawing:- Anthurium araceae Anthurium navasii Rosa Oxalis triangulaeris Ravenia spectabilis Tabernaemontana Anthecephalus Chinensis Baukeana Delonix Regia Michelia Champaca Acalypha Wilkesiana 'Dwarf' Codiaeum Variegatum Pleioblastus variegatus Plumeria alba Hamella Patens Isora Chenensis 'Nana Pink' Pleomele Refleixa 'Variegata' Lagerstroemia indica dwarf Duranta goldiana Ficus benjamina Ficus pandi Mimusops elengi Vinca Rosea Wadelia Trilobata</td>
<td>Each</td>
<td>250.00</td>
<td>500</td>
<td>125000</td>
</tr>
<tr>
<td><strong>Total Sub-head-5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>129900</strong></td>
</tr>
<tr>
<td><strong>SUB HEAD 6</strong></td>
<td><strong>BORING &amp; TUBEWELL</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Boring by het or Dheki for lowering of UPVC of 150 mm dia, including cutting the pipe.</td>
<td>Job</td>
<td>35000.00</td>
<td>2</td>
<td>70000.00</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>a) From G. L. to 30.5 m Depth (for all kind of soil)</td>
<td>Job</td>
<td>36875.00</td>
<td>2</td>
<td>73750.00</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>b) From 30.5 m to 61m Depth (for all kind of soil)</td>
<td>Job</td>
<td>38750.00</td>
<td>2</td>
<td>77500.00</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>c) From 61 m to 91.5 m Depth (all kind of soil)</td>
<td>Job</td>
<td>52500.00</td>
<td>2</td>
<td>105000.00</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Providing &amp; lowering of UPVC pipe of 150 mm dia, rating of 8 Kg/ sqcm as per the specie.</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>a) From G. L. to 30.5 m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>b) From 30.5 m to 61 m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>c) From 61 m to 91.5 m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Providing &amp; lowering of pea gravel of size 3mm to 8mm dia, free from dirt, rust and other</td>
<td>Cum</td>
<td>5625.00</td>
<td>10</td>
<td>56250.00</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Development of the tube well by compressed air plant.</td>
<td>Lot</td>
<td>62500.00</td>
<td>2</td>
<td>125000.00</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Supply and erection of submersible pump of HP rating capacity for lifting of water from well.</td>
<td>Lot</td>
<td>93750.00</td>
<td>2</td>
<td>187500.00</td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>Providing and fixing of Electrical control panel for 10hp pumps with starter complete in all respects</td>
<td>Lot</td>
<td>47500.00</td>
<td>2</td>
<td>95000.00</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Providing and laying of electrical control and power cable from panel to pump.</td>
<td>Mtr</td>
<td>312.50</td>
<td>400</td>
<td>125000.00</td>
</tr>
<tr>
<td><strong>Total Sub-head 6</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1221750.00</strong></td>
</tr>
<tr>
<td><strong>SUB HEAD 7</strong></td>
<td><strong>WATER PUMPING WORKS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Providing and fixing horizontal single/multistage centrifugal pumping set with CI body, bronze impeller, stainless steel shaft and induction motor mounted on common base frame, vibration pads accessories complete as per specifications.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Water Lift Pump To Over Head Tank</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Type of pump-Horizontal (End Suction)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Capacity - 200 LPM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Head - 30 M</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>H.P - To suit</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Motor RPM - 2900</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td>set</td>
<td>68750.00</td>
<td>2</td>
<td>137500</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Providing and fixing cast iron dual plate type non-return valve (as per Technical specification) including nuts, bolts, 1.5mm thick CAF gasket sheets, complete in all respects,</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>a) 50 NB</td>
<td>Each</td>
<td>10000.00</td>
<td>2</td>
<td>20000</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Providing and fixing cast steel/ Bronze/ Gum Metal Ball valve as per IS, Tested as per (PN: 1.6) rating, including nuts, bolts, Minimum 1.5 mm thick CAF gasket sheets, complete in all respects.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| 10 | | a) 50 NB | Each | 9375.00 | 5 | 56250 | 33
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate ((\text{`}))</th>
<th>Quantity</th>
<th>Amount ((\text{`}))</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2012</td>
<td>Providing and fixing standard dial type pressure gauge dia 100 mm with screwed inlet with isolation cock suitable for liquid gauge to show pressure upto:</td>
<td>Each</td>
<td>2166.25</td>
<td>3</td>
<td>6498.75</td>
</tr>
<tr>
<td>5</td>
<td>2012</td>
<td>Providing and fixing GI pipes to IS:1239/3589 heavy class including all fitting like anchor fastners, couplings, bends, elbows, tee, flanges etc: Welding/threaded joint as required painting with one coat of red oxide primer and two or more coats of synt.</td>
<td>Mtr</td>
<td>1187.50</td>
<td>10</td>
<td>11875</td>
</tr>
<tr>
<td>6</td>
<td>2012</td>
<td>Providing and fixing dust and vermin proof cubical type motor control centre for the pumps mentioned in item NO.1. It is fabricated from 2mm thick CRCA sheet with stove enamelled finish and comprising of:</td>
<td>Each</td>
<td>118750.00</td>
<td>1</td>
<td>93750</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Single phasing preventors one for each 3-phase motor.</td>
<td>Each</td>
<td>150000.00</td>
<td>1</td>
<td>150000</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Mild steel (rubber lined) or FRP constructed pressure vessel (as per IS:2825) dual media filter complete in all respects, ready for opreation of capacity 9 Cu.M per hour complete with dished ends, supporting legs and facing pad for pipe connection compile</td>
<td>Each</td>
<td>173183.00</td>
<td>1</td>
<td>173183</td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Mild steel (rubber lined) or FRP constructed pressure vessel (as per IS:2825) iron removal filter having MgSO4 media filled complete in all respects, ready for opreation of capacityy 9 Cu.M per hour complete with dished ends, supporting legs and facing pad</td>
<td>Each</td>
<td>267102.00</td>
<td>1</td>
<td>267102</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Medium pressure spring actuator type chemical dosing pump with FRP body and internal parts, dispensing valves, foor valves, relief valves, miunting plate, chemical tank of 250 Litre capacity complete.</td>
<td>Each</td>
<td>3902.00</td>
<td>2</td>
<td>7804</td>
</tr>
<tr>
<td><strong>Total Sub-head- 7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>923962.75</td>
</tr>
</tbody>
</table>

**NOTE:**
The rating off all switchgear must the HP of all pumps quoted and 20% space for spare to be kept in the pane.

**SUB HEAD 8**

**ENTRY GATE & SIGN BOARDS**

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td>Cum</td>
<td>184.00</td>
<td>25</td>
<td>4600.00</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8.</td>
<td>Providing and laying in position machine mixed plain cement concrete - of specified grade excluding the cost of centering and shuttering - All work upto plinth level</td>
<td>Cum</td>
<td>6683.54</td>
<td>6</td>
<td>40101.23</td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>3</td>
<td>28429.26</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Centering and shuttering including leveling, struting and proping and removal of form for concrete work at all levels for:</td>
<td>Cum</td>
<td>310.43</td>
<td>6</td>
<td>1862.60</td>
</tr>
<tr>
<td>A</td>
<td>5.9.1</td>
<td>foundations, bases of columns, plinth beams, columns below plinth level etc</td>
<td>Sqm</td>
<td>646.02</td>
<td>24</td>
<td>15504.48</td>
</tr>
<tr>
<td>b</td>
<td>5.9.6.</td>
<td>Columns ,Pillars,Piers,Abutments</td>
<td>Sqm</td>
<td>646.02</td>
<td>24</td>
<td>15504.48</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (\textdollar)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>-------</td>
<td>----------</td>
<td>-------------------</td>
</tr>
<tr>
<td>5</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached plasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 Coarse Sand: 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>5</td>
<td>53342.48</td>
</tr>
<tr>
<td>8</td>
<td>5.22.8</td>
<td>Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>Kg</td>
<td>83.84</td>
<td>400</td>
<td>33537.72</td>
</tr>
<tr>
<td>7</td>
<td>13.2.1</td>
<td>15 mm cement plaster on the rough side of single or half brick wall of mix: 1:6 (1 cement: 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>15</td>
<td>3007.62</td>
</tr>
<tr>
<td>8</td>
<td>10.25.2/99</td>
<td>Steel work welded in built up section/framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladders, railings, brackets, gates &amp; similar works</td>
<td>Kg</td>
<td>119.97</td>
<td>1500</td>
<td>179949.00</td>
</tr>
<tr>
<td>13.44.1</td>
<td>Finishing walls with waterproofing cement paint 'Snowcemplus' of M/s Snow-cem India ltd. Or equivalent of required shade</td>
<td>Sqm</td>
<td>83.61</td>
<td>54.40</td>
<td>4548.38</td>
<td></td>
</tr>
<tr>
<td>13.61.1</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade</td>
<td>Sqm</td>
<td>100.16</td>
<td>15.00</td>
<td>1502.40</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Sub-head- 8</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>366385.18</strong></td>
</tr>
<tr>
<td>SUB HEAD 9:</td>
<td><strong>FIREFIGHTING WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1.3.3</td>
<td>Wiring for Light point / Fan point / Exhaust Fan point / Call Bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit , with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required.</td>
<td>Point</td>
<td>1480.46</td>
<td>240</td>
<td>355310.4</td>
</tr>
<tr>
<td>1.3.3</td>
<td>a) Group - C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.7</td>
<td>Wiring for light / power plug point with FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>Metre</td>
<td>273.34</td>
<td>350</td>
<td>95669</td>
</tr>
<tr>
<td>1.7.1</td>
<td>1.5-WGSTL PP2</td>
<td>Wiring for light / power (For 20 A Industrial Socket) plug point with 2 x 4 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 1 No. 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>Metre</td>
<td>363.40</td>
<td>275</td>
<td>99935</td>
</tr>
<tr>
<td>3</td>
<td>1.7.4-WGSTL SB</td>
<td>Wiring for light / power plug point with 2 x 6 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 1 No. 6sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>Metre</td>
<td>470.84</td>
<td>165</td>
<td>77688.6</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (\textdollar)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>----------</td>
<td>-------</td>
<td>----------</td>
<td>----------------------</td>
</tr>
<tr>
<td>5</td>
<td>1.31-LPACCM OD</td>
<td>Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non-residential buildings.)</td>
<td>Each</td>
<td>617.49</td>
<td>100</td>
<td>61749</td>
</tr>
<tr>
<td>6</td>
<td>1.32-PPACC MOD</td>
<td>Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15 / 16 &amp; 5 / 6 amps modular socket outlet and 15 / 16 amps modular switch, connection, painting etc. as required.</td>
<td>Each</td>
<td>754.14</td>
<td>20</td>
<td>15082.8</td>
</tr>
<tr>
<td>7</td>
<td>1.7</td>
<td>Wiring for circuit / submain wiring along with earth wire with the following sizes of FRPVC insulated copper conductor, single core cable in surface / recessed steel conduit as required.</td>
<td>Each</td>
<td>617.49</td>
<td>100</td>
<td>61749</td>
</tr>
<tr>
<td></td>
<td>1.7.2-WGSTL SB</td>
<td>a) 2 X 2.5 sq.mm +1 X 2.5 sq.mm Earth wire</td>
<td>Metre</td>
<td>312.84</td>
<td>1475</td>
<td>461439</td>
</tr>
<tr>
<td>8</td>
<td>2.18</td>
<td>Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps &quot;C&quot; curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.</td>
<td>Each</td>
<td>2005.00</td>
<td>8</td>
<td>16040</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 1:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1182913.8</strong></td>
</tr>
<tr>
<td>2</td>
<td>1.25-MODFR EB</td>
<td>Supply and fixing of step type electronic fan regulator on existing modular plate switch box including connection but excluding modular plate etc. as required.</td>
<td>Each</td>
<td>657.80</td>
<td>32</td>
<td>21049.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 2:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>21049.6</strong></td>
</tr>
<tr>
<td>1</td>
<td>Light/fan fixtures :-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>1.42+ Bajaj price list</td>
<td>Wall mounted fixture with fluorescent tube Make BAJAJ BIJR 236/40W 2xTL-36W</td>
<td>Each</td>
<td>1800.00</td>
<td>91</td>
<td>163800</td>
</tr>
<tr>
<td>B</td>
<td>1.42+ Bajaj price list</td>
<td>Wall mounted fixture with fluorescent tube Make BAJAJ BIJR 136/40W 1xTL-36W</td>
<td>Each</td>
<td>1210.00</td>
<td>7</td>
<td>8470</td>
</tr>
<tr>
<td>C</td>
<td>1.35+ philipps price list</td>
<td>1x18W Surface mounted downlight luminaire. Make philips FCS100 1xPL-C/2P18W I 240V or Equivalent.</td>
<td>Each</td>
<td>1502.40</td>
<td>32</td>
<td>48076.8</td>
</tr>
<tr>
<td>D</td>
<td>1.35+ philipps price list</td>
<td>2x18W Recessed downlighter with patterned specular reflector make philips FBS095 2xpl- C18W HF or equivalent.</td>
<td>Each</td>
<td>2006.40</td>
<td>12</td>
<td>24076.8</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO:2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (')</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------</td>
<td>---------------------------------------------------------------------------------------</td>
<td>------</td>
<td>--------</td>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>E</td>
<td>1.35+ phillips</td>
<td>1x13 W CFL Bulk Head fixture make Decon 09 SZ</td>
<td>Each</td>
<td>2311.20</td>
<td>13</td>
<td>30045.6</td>
</tr>
<tr>
<td>F</td>
<td>1.35+ phillips</td>
<td>1x1w Wall Recess Mounting LED step Light luminaire extruded aluminium housing make BAJAJ BGST 01 WH or equivalent.</td>
<td>Each</td>
<td>3360.00</td>
<td>20</td>
<td>67200</td>
</tr>
<tr>
<td>2</td>
<td>Ceiling fans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>Supplying and fixing of 1200 mm sweep ceiling fan with 300/600/900 mm standard down rod and electrical connection as required etc. Make Bajaj Panther</td>
<td>Each</td>
<td>2050.00</td>
<td>50</td>
<td>102500</td>
</tr>
<tr>
<td>3</td>
<td>NS Exhaust fans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>Market rate</td>
<td>Supply and installation of exhaust fans including all accessories &amp; materials required, installation, etc. all complete of Make Bajaj Bahar or equivalent, 225 mm sweep</td>
<td>Each</td>
<td>1749.38</td>
<td>24</td>
<td>41985.12</td>
</tr>
<tr>
<td></td>
<td>Market rate</td>
<td>Supply and installation of exhaust fans including all accessories &amp; materials required, installation, etc. all complete of Make Bajaj Maxima DNL or equivalent, 300 mm sweep</td>
<td>Each</td>
<td>1993.45</td>
<td>6</td>
<td>11960.7</td>
</tr>
</tbody>
</table>

**TOTAL SUBHEAD 3:**

|                      |                      |                                                                                       |      |        |           | 498115.02  |

**SUB-HEAD 4: EARTHING**

<table>
<thead>
<tr>
<th>1</th>
<th>5.3</th>
<th>Earthing with G.I. Earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required.</th>
<th>Set</th>
<th>6313.68</th>
<th>18</th>
<th>113646.24</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>5.9</td>
<td>Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt &amp; spring washer spaced at 50mm)</td>
<td>Metre</td>
<td>251.44</td>
<td>200</td>
<td>50288</td>
</tr>
</tbody>
</table>

**TOTAL SUBHEAD 4 :**

|                      |                      |                                                                                       |      |        |           | 163934.24  |

**SUB-HEAD 5: SERVICES : TELEPHONE:**

<table>
<thead>
<tr>
<th>1</th>
<th>NS</th>
<th>Providing, fixing, connecting and testing of solderless telephone Tag Block, with powder coated box (Krone make ) of required size box with hinged lockable cover and clamps for dressing of wires etc as required.</th>
<th>Nos.</th>
<th>1799.61</th>
<th>1</th>
<th>1799.61</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>b</td>
<td>4 Pair (Mkt)</td>
<td>Nos.</td>
<td>933.47</td>
<td>5</td>
<td>4667.35</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Supplying, drawing, of 0.5sqmm (2 pair) FR PVC insulated copper conductor , unarmoured telephone cable in existing surface/ recessed steel /PVC conduit as required.</td>
<td>Metre</td>
<td>24.49</td>
<td>40</td>
<td>979.60</td>
</tr>
<tr>
<td>3</td>
<td>NS</td>
<td>Providing, fixing, connecting, testing and commissioining of zinc passivated box with moulded plate in recess or on surface moulded type with following including all necessary materials etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a</td>
<td>2 Pair telephone cord outlet (RJ-11)</td>
<td>Each</td>
<td>327.00</td>
<td>20</td>
<td>6540.00</td>
</tr>
<tr>
<td></td>
<td>b</td>
<td>Computer terminal (RJ-45)</td>
<td>Each</td>
<td>933.47</td>
<td>30</td>
<td>28004.00</td>
</tr>
<tr>
<td>4</td>
<td>1.2</td>
<td>Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1.20.1</td>
<td>a) 20mm dia. M.S. conduit.16 SWG M.S. conduit</td>
<td>Metre</td>
<td>194.34</td>
<td>50</td>
<td>9717.00</td>
</tr>
<tr>
<td></td>
<td>1.20.2</td>
<td>a) 25mm dia. M.S. conduit.16 SWG M.S. conduit</td>
<td>Metre</td>
<td>225.94</td>
<td>50</td>
<td>11297.00</td>
</tr>
</tbody>
</table>

**TOTAL SUBHEAD 5 :**

|                      |                      |                                                                                       |      |        |           | 63004.55   |

**SUB-HEAD 6: DISTRIBUTION BOARD**

<p>| 1     | 2.4 | Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator) |      |        |           |            |</p>
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount ((\text{\text{'}}))</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4.4</td>
<td>4way (4+12) Double door</td>
<td>Set</td>
<td>6345.00</td>
<td>3</td>
<td>19035</td>
<td></td>
</tr>
<tr>
<td>2.4.6</td>
<td>8way (4+24) Double door</td>
<td>Set</td>
<td>8984.00</td>
<td>2</td>
<td>17968</td>
<td></td>
</tr>
<tr>
<td>2.3.5</td>
<td>4way (2+4) Double door</td>
<td>Set</td>
<td>2572.00</td>
<td>9</td>
<td>23148</td>
<td></td>
</tr>
<tr>
<td>2.3.7</td>
<td>8way (2+8) Double door</td>
<td>Set</td>
<td>3108.00</td>
<td>3</td>
<td>9324</td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</td>
<td>Each</td>
<td>141.00</td>
<td>125</td>
<td>17625</td>
<td></td>
</tr>
<tr>
<td>2.15</td>
<td>Supplying and fixing of following rating, four pole (three phase and neutral, 415 Volt - residual current circuit breaker (RCCB) having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.</td>
<td>Each</td>
<td>2690.74</td>
<td>18</td>
<td>48433.32</td>
<td></td>
</tr>
<tr>
<td>2.15.2</td>
<td>40amps</td>
<td>Each</td>
<td>3104.70</td>
<td>3</td>
<td>9314.1</td>
<td></td>
</tr>
<tr>
<td>2.14</td>
<td>Supplying and fixing of following rating, double pole (single phase and neutral, 240 Volt - residual current circuit breaker (RCCB) having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.</td>
<td>Each</td>
<td>2082.44</td>
<td>6</td>
<td>12494.64</td>
<td></td>
</tr>
<tr>
<td>2.14.2</td>
<td>40amps</td>
<td>Each</td>
<td>2202.52</td>
<td>6</td>
<td>13215.12</td>
<td></td>
</tr>
<tr>
<td>6.2</td>
<td>Providing and fixing of lightning conductor final, made of 25 mm dia 300 mm, long GI tube, having single prong at top, with 85 mm dia 6 mm thick GI base plat including holes etc. complete as required.</td>
<td>Set</td>
<td>515.08</td>
<td>15</td>
<td>7726.2</td>
<td></td>
</tr>
<tr>
<td>6.7</td>
<td>Providing and fixing GI tape 20 mm x 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)</td>
<td>Metre</td>
<td>91.64</td>
<td>45</td>
<td>4123.8</td>
<td></td>
</tr>
<tr>
<td>6.8</td>
<td>Providing and fixing GI tape 20 mm x 3 mm thick on parapet or surface of wall for lightning conductor as required (for vertical run)</td>
<td>Metre</td>
<td>128.77</td>
<td>55</td>
<td>7082.35</td>
<td></td>
</tr>
<tr>
<td>6.12</td>
<td>Providing and fixing testing joint, made of 20 mm x 3 mm thick GI strip, 125 mm long with 4 Nos. brass bolts, nuts check nuts and spring washers etc. complete as required.</td>
<td>Set</td>
<td>92.43</td>
<td>12</td>
<td>1109.16</td>
<td></td>
</tr>
<tr>
<td>6.14</td>
<td>Providing and laying GI tape, 32 mm x 6 mm thick from earth electrode directly in ground as required.</td>
<td>Metre</td>
<td>197.50</td>
<td>40</td>
<td>7900</td>
<td></td>
</tr>
<tr>
<td>5.3</td>
<td>Earthing with G.I. Earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required.</td>
<td>Set</td>
<td>6313.68</td>
<td>9</td>
<td>56823.12</td>
<td></td>
</tr>
<tr>
<td>5.7</td>
<td>Supplying and laying 6 SWG GI. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc. as required</td>
<td>Metre</td>
<td>45.00</td>
<td>210</td>
<td>9450.00</td>
<td></td>
</tr>
<tr>
<td>11.6</td>
<td>Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.</td>
<td>Metre</td>
<td>475.00</td>
<td>200</td>
<td>95000.00</td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL SUBHEAD 6**: 170557.18

**TOTAL SUBHEAD 7**: 84764.63

**TOTAL SUBHEAD 8**: 84764.63

Balance BOQ Page 21 of 23 Nakukchara
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (₹)</th>
<th>Quantity</th>
<th>Amount (₹)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td></td>
<td>Supplying of following sizes of PVC insulated PVC sheathed aluminium -XLPE conductor armoured underground cable 1.1 KV grade etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>NS</td>
<td>2X6 sq.mm</td>
<td>Metre</td>
<td>120.45</td>
<td>2200</td>
<td>385434.00</td>
</tr>
<tr>
<td>b</td>
<td>NS</td>
<td>4X10 sq.mm</td>
<td>Metre</td>
<td>200.32</td>
<td>620</td>
<td>124201.04</td>
</tr>
<tr>
<td>c</td>
<td>NS</td>
<td>4X16 sq.mm</td>
<td>Metre</td>
<td>226.95</td>
<td>1300</td>
<td>295034.51</td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>7.1.1</td>
<td>up to 35 sq mm</td>
<td>Metre</td>
<td>312.00</td>
<td>1800</td>
<td>561600.00</td>
</tr>
<tr>
<td>7.2</td>
<td></td>
<td>Laying of one number additional PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>7.2.1</td>
<td>up to 35 sq mm</td>
<td>Metre</td>
<td>210.00</td>
<td>1800</td>
<td>378000.00</td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>7.5.1</td>
<td>up to 35 sq mm</td>
<td>Metre</td>
<td>27.00</td>
<td>50</td>
<td>1350.00</td>
</tr>
<tr>
<td>11</td>
<td>19.8</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>Metre</td>
<td>372.00</td>
<td>50</td>
<td>1860.00</td>
</tr>
<tr>
<td>12</td>
<td>NS</td>
<td>Supplying fixing in position, testing and commissioning of the following front operated modular compartmentalised construction cubicle type, front access, dead back, 2mm thick steel enclosed free standing, dust and vermin proof, switchboard with IP43 protection of LEGRAND/JAKSON/ABB Make</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All switchboards shall have provision for entry of cables from the top/bottom as required.

The cost shall include providing and fixing of 100 x 50 x 6 mm channels for switchboard support.

All live accessible parts shall be shrouded and all equipment shall be finger touch proof. The Busbars insulation shall be with heat shrinkable sleeves. SMC/DMC shrouds and busbar supports shall be used. Padlocking facility shall be provided on all outgoi

All MCCB shall have rotary handles & extension terminal, phase barrier on both sides as required at site.

All MDB / SDB panel shall be extendable type with cable alley.

All fault level braking capacity shall be Ics value (ICS = 100% ICU), 110 kA -1 Sec (with copper busbars)

All MCCB shall have variable settings type.

A) Main Panel

a) 1 Nos. 250Amp 3S KA 4 P MCCB complete with thermal magnetic release having over current, short circuit protection. incomer shall be complete with following.

b) Square flush mounting 0-250 Amp ammeter with 3 way and OFF selector switch.

c) 3 Nos. Cast resin current transformers of 250/5 ratio Class 1.0 for metering.

d) Square flush mounting voltmeter 0-500 volt with 3 way and OFF selector switch.

BUSBAR

Electrolytic high conductivity CU three phase and neutral busbars rated at 300 Amp having a maximum current density of 1 amp per sq.mm suitable to withstand symmetrical fault level of 25 MVA at 415 volts. The neutral busbar is to be of 100% capac

OUTGOING UNITS

l) 11 No. 100/63/50/40/32/32Amp, 25 KA, 4P MCCB complete with Thermal-magnetic release having overcurrent, short circuit, protection with

a) Red ON indicating lamps.

b) Terminals to receive XLPE insulated cables

c) 1 No-32 A-TPMC - CONTROLLING-9 NOS-10 A SP MCB

The Main Panel shall be complete with all interconnections, risers, internal wiring, labels etc complete as required. Set 351899.08 1 351899.08
<table>
<thead>
<tr>
<th>SL NO</th>
<th>NS</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (')</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td></td>
<td>Supply, installation, testing and commissioning of floor mounted totally enclosed front operated cubical type Feeder Piller of Legrand/Jakson/ABB including civil work of 1:2:3 concrete of foundation uniform width suitable for use on 415V 25 KA fault level 3 phase 4 wire. 50</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>INCOMER</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a</td>
<td>1 No100/. 32A MCCB, 25 KA with thermal magnetic released and earth fault release.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b</td>
<td>1 Set 100A Amps CU conductor bus bar in PVC sleeved.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Outgoings</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a</td>
<td>10 No. 10 A SP MCB (10KA)</td>
<td>Set</td>
<td>75000.00</td>
<td>1</td>
<td>75000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 8 :</strong></td>
<td></td>
<td></td>
<td></td>
<td>2725819.77</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD 9 : DG SET</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Supply, installation, testing and commissioning of 40 KVA SILENT Diesel Generator set radiator cooled type suitable for AMF of 415V, 3 phase 4 wire, 0.8 pt. (lagging) 50c/s A.C supply complete with engine (1500 RPM) and alternator DG Set controller with accessories including standard set of tools and anti-vibration mounting pads, MCCB. The controller should be compatible for remote monitoring and data logging with digital voltage regulator through inbuilt AVR, digital governing + protective function. Compile In all respects.</td>
<td>Set</td>
<td>733266.00</td>
<td>1</td>
<td>733266</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Supplying and fixing of under noted 'B' class M.S. pipe for D.G. exhaust complete with bends, elbow, flanges etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a</td>
<td>100 mm dia pipe</td>
<td>Metre</td>
<td>3000.00</td>
<td>10</td>
<td>30000</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Supply and fixing of 50mm thick compressed mineral wool insulation for D.G. exhaust pipe with 26 gauge aluminium sheet cladding etc. as required for the under mentioned dia pipe.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a</td>
<td>100 mm dia pipe</td>
<td>Metre</td>
<td>1500.00</td>
<td>10</td>
<td>15000</td>
</tr>
<tr>
<td></td>
<td>NS</td>
<td>COPPER PLATE EARTHING STATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.</td>
<td>Set</td>
<td>13523.22</td>
<td>2</td>
<td>27046.44</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt &amp; spring washer spaced at 50mm)</td>
<td>Meter</td>
<td>3996.00</td>
<td>8</td>
<td>31968</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 9 :</strong></td>
<td></td>
<td></td>
<td></td>
<td>837280.44</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total of Sub-heads 1 to 9 (Electrical Works)</strong></td>
<td></td>
<td></td>
<td></td>
<td>5747439.23</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL OF AGREEMENT ITEMS</strong></td>
<td></td>
<td></td>
<td></td>
<td>51826249.37</td>
</tr>
</tbody>
</table>
**ENGINEERING PROJECTS (INDIA) LIMITED**  
(A GOVERNMENT OF INDIA ENTERPRISE)

**BILL OF QUANTITY (REVISED)**

Name of Work:- BALANCE WORK FOR CONSTRUCTION OF COMPANY LEVEL BOP ALONG INDO-BANGLADESH BORDER IN THE STATE OF MIZORAM AT SAISENBASTI near BP No. 2326/M,

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (in Rs.)</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TENDER 1 -CIVIL WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SUB HEAD-1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width.)</td>
<td>Cum</td>
<td>184.00</td>
<td>25000</td>
<td>4600000</td>
</tr>
<tr>
<td>2</td>
<td>2.25</td>
<td>Filling available excavated earth (Excluding Rock) in trenches, plinth sides of footings etc.</td>
<td>Cum</td>
<td>90.00</td>
<td>6000</td>
<td>540000</td>
</tr>
<tr>
<td>4</td>
<td>16.3.9</td>
<td>Supplying &amp; stacking of good earth at site</td>
<td>Cum</td>
<td>315.27</td>
<td>50</td>
<td>15763.5</td>
</tr>
<tr>
<td><strong>Total Sub-head-1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5155763.5</td>
</tr>
<tr>
<td><strong>PLAIN CEMENT CONCRETE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified. 1:4:8 (1 cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>390</td>
<td>2606580.6</td>
</tr>
<tr>
<td>2</td>
<td>4.2.3</td>
<td>Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses parapets, coping, bed blocks, anchor blocks, plain window sills, fillets etc. up to floor five level, excluding the cost of centring and shuttering and finishing: 1:2:4 (1 cement: 2 Coarse sand: 4 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9806.66</td>
<td>5</td>
<td>49033.3</td>
</tr>
<tr>
<td>3</td>
<td>4.17</td>
<td>Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 Coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm bed by dry brick ballast 40 mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth</td>
<td>Sqm</td>
<td>630.08</td>
<td>240</td>
<td>151219.2</td>
</tr>
<tr>
<td><strong>Total Sub-head-2</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2806633.1</td>
</tr>
<tr>
<td><strong>SUB HEAD-3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>REINFORCED CEMENT CONCRETE WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>5.1.2</td>
<td>Providing and laying in position specified graded of reinforced cement concrete 1:1.5:3 (1 cement : 1.5 Coarse Sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>600</td>
<td>5685852</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------------------------------------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>-----------------</td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Centering and shuttering including levelling, strufing and propping and removal of form.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>5.9.1</td>
<td>Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td>Sqm</td>
<td>310.43</td>
<td>1850</td>
<td>574295.5</td>
</tr>
<tr>
<td>B</td>
<td>5.9.5</td>
<td>Lintels, Beams, Plinth Beams, Girders, Bressumers &amp; Cantilevers</td>
<td>Sqm</td>
<td>463.40</td>
<td>580</td>
<td>268772</td>
</tr>
<tr>
<td>C</td>
<td>5.9.3</td>
<td>Suspended floors, roofs, landings, balconies and excess platform</td>
<td>Sqm</td>
<td>549.93</td>
<td>210</td>
<td>115485.3</td>
</tr>
<tr>
<td>D</td>
<td>5.9.6</td>
<td>Columns, Pillars, Piers, Abutments</td>
<td>Sqm</td>
<td>646.02</td>
<td>710</td>
<td>458674.2</td>
</tr>
<tr>
<td>E</td>
<td>5.9.7</td>
<td>Stairs, excluding landings (except spiral staircase)</td>
<td>Sqm</td>
<td>576.57</td>
<td>15</td>
<td>8648.55</td>
</tr>
<tr>
<td>F</td>
<td>5.9.2</td>
<td>Walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, shutters, finishing and reinforcement, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>410</td>
<td>206566.2</td>
</tr>
<tr>
<td>3</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, shutters, finishing and reinforcement, piers, abutments, posts and struts etc. up to floor five level excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse Sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>42</td>
<td>448077</td>
</tr>
<tr>
<td>4</td>
<td>5.3</td>
<td>Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10219.86</td>
<td>160</td>
<td>1635177.6</td>
</tr>
<tr>
<td>5</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete</td>
<td>Kg</td>
<td>83.84</td>
<td>54000</td>
<td>4527360</td>
</tr>
</tbody>
</table>

<p>| Total Sub-head- 3 | |
|-------------------|--|---|-----------------|--|---|---|-----------------|
|                   |   |   | Total Sub-head- 3 |   |   | 13928908.35 |</p>
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6.2.2</td>
<td>Brick work with F.P.S.Bricks of class designation 75 in foundation and plinth in 1:6 ( 1 cement : 6 Coarse Sand )</td>
<td>Cum</td>
<td>9681.82</td>
<td>210</td>
<td>2033182.2</td>
</tr>
<tr>
<td>2</td>
<td>6.4.2</td>
<td>Brick work with F.P.S.Bricks of class designation 75 in super structure in cement.1:6 ( 1 cement : 6 coarse Sand )</td>
<td>Cum</td>
<td>10722.65</td>
<td>330</td>
<td>3538474.5</td>
</tr>
<tr>
<td>3</td>
<td>6.13</td>
<td>Half brick masonary with bricks of class designation 75 in Foundation and plinth in :1:4 (1 cement :4 coarse Sand)</td>
<td>Sqm</td>
<td>1023.06</td>
<td>70</td>
<td>71614.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 4</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>5643270.90</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-5 STEEL &amp; ROOFING WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>10.6</td>
<td>Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with</td>
<td>Sqm</td>
<td>2865.19</td>
<td>36</td>
<td>103146.84</td>
</tr>
<tr>
<td>2</td>
<td>10.7</td>
<td>Ball bearing for rolling shutter.</td>
<td>Nos.</td>
<td>799.52</td>
<td>15</td>
<td>11992.8</td>
</tr>
<tr>
<td>3</td>
<td>10.8</td>
<td>Extra for providing mechanical device chain and crank operation for operating rolling shutters</td>
<td>Sqm</td>
<td>1187.30</td>
<td>24</td>
<td>28495.2</td>
</tr>
<tr>
<td>4</td>
<td>10.11</td>
<td>Providing and fixing ISI marked steel glazed doors, windows and ventilators of standard rolled steel sections, joints mitred and welded with 15x3mm lugs, 10cm long, embedded in cement concrete blocks 15x10x10cm of 1:3:6 (1 cement : 3 sand : 6 grade stone aggregate 20 mm nominal size) or with wooden plugs and screws or raw plugs and screws or woth fixing clips or with bolts and nuts as required, including providing and fixing of glass panes with glazing clips and special metal sash putty of approved make complete including applying a priming coat of approved steel primer, excluding the cost of metal beading and other fittings except necessary hings or pivots as required. In composite units of doors, windows and ventilators</td>
<td>Kg</td>
<td>179.40</td>
<td>2200</td>
<td>394680</td>
</tr>
<tr>
<td>5</td>
<td></td>
<td>Supplying and fixing of SS Mosquito Mesh on doors and windows with 50x25 mm. wooden frame, made of local wood, applied with primer and paint one coat each complete with hardwares</td>
<td>Sqm</td>
<td>3500.00</td>
<td>105</td>
<td>367500</td>
</tr>
<tr>
<td>6</td>
<td>10.13</td>
<td>Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.</td>
<td>Sqm</td>
<td>3500.00</td>
<td>105</td>
<td>367500</td>
</tr>
<tr>
<td>10.13.1</td>
<td>Fixing with 15x3 mm lugs 10 cm long embedded in cement concrete block 15x10x10 cm of C.C. 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size)</td>
<td>Kg</td>
<td>136.62</td>
<td>2200</td>
<td>300564</td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>7</td>
<td>10.16.1</td>
<td>Steel work in built up tubular trusses including cutting, fixing, hoisting, fixing in position.</td>
<td>Kg</td>
<td>158.28</td>
<td>19500</td>
<td>3086460</td>
</tr>
<tr>
<td>8</td>
<td>10.30</td>
<td>Providing and fixing glass panes with putty and glazing clips in steel doors, windows, celestary windows all complete with:</td>
<td>Sqm</td>
<td>813.00</td>
<td>120</td>
<td>97560</td>
</tr>
<tr>
<td></td>
<td>10.30.1</td>
<td>4.0 mm thick glass panes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Market Rate</td>
<td>Roofing- Multi- Seam Standing- Coated Galvalume:- Preparing shop drawing, Supply &amp; installation in position Multi- Seam standing seam lock roofing sheet having trapezoidal shape with minimum 30 mm deep crest and 200 mm in pitch distance with guard film. The sheet shall be fixed using self drilling / self tapping screws of size ( 5.5 x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape where ever required. The sheet should be supplied in single length without end lap. The profile and fixing should be formed SMP coating of 5-7 micron on top and 6-8 micron of service coat in grey colour over primer on back as per ASTM AS 1397. Steel should have 550 mpa yield strength with AZ- 150 (total on / both side). Material will be supplied as per ASTM A - 792. Thickness : 0.50 mm (TCT)</td>
<td>Sqm</td>
<td>1018.84</td>
<td>1550</td>
<td>1579202</td>
</tr>
<tr>
<td>10</td>
<td>Market Rate</td>
<td>Supply and fixing of flashings/ Ridges/ Gutter fabricated out of plain sheet with colour coated galvalume sheet in 0.50 mm (TCT) thickness out of plain sheet using self drilling / self tapping screws complete</td>
<td>RM</td>
<td>1334.97</td>
<td>350</td>
<td>467239.5</td>
</tr>
<tr>
<td>11</td>
<td>12.52</td>
<td>Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections ( galvanized @ 120 grams/ sqm, both side inclusive) consisting of main “T” runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center</td>
<td>Sqm</td>
<td>1485.83</td>
<td>380</td>
<td>564615.4</td>
</tr>
<tr>
<td></td>
<td>12.52.1</td>
<td>12.5 mm thick square edge PVC Laminated Gypsum Tile of size 595x595 mm, made of Gypsum plasterboard, manufactured from natural gypsum as per IS 2095 part I and laminated with white 0.16mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Sub-head- 5</td>
<td></td>
<td></td>
<td></td>
<td><strong>7001455.74</strong></td>
</tr>
</tbody>
</table>

**SUB HEAD-6**

**FLOORING**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>FLOORING</th>
<th>Kota stone slab flooring over 20 mm (average) thick base laid over and joined with grey cement slurry mixed with pigment to match the shade of the slab including rubbing, and polishing complete with base of cement mortar 1:4 (1 cement : 4 course sand).</th>
<th>Sqm</th>
<th>1759.00</th>
<th>880</th>
<th>1547920</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>11.27</td>
<td>Kota stone slabs 25 mm thick in risers of steps, skirtng, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement 3 coarse sand) and joined with grey cement slurry mixed with pigment to match the shade of</td>
<td>Sqm</td>
<td>1757.90</td>
<td>120</td>
<td>210948</td>
</tr>
<tr>
<td>3</td>
<td>11.36</td>
<td>Providing and fixing lst quality ceramic glazed tiles conforming to IS : 13753 of minimum thickness 5 mm of approved make like NITCO, ORIENT, SOMANY KAJARIA, or equivalent make in all colours, shades, desgin &amp;</td>
<td>Sqm</td>
<td>1347.11</td>
<td>230</td>
<td>309835.3</td>
</tr>
<tr>
<td>4</td>
<td>11.31</td>
<td>Extra for nosing in treads of steps of Kota stone/ sand stone slab</td>
<td>RM</td>
<td>101.75</td>
<td>380.00</td>
<td>38665</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>----------------</td>
</tr>
<tr>
<td>5</td>
<td>11.41</td>
<td>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in all colours, laid on 20 mm thick bed of cement Mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigment etc. complete</td>
<td>Sqm</td>
<td>2302.95</td>
<td>198</td>
<td>455984.1</td>
</tr>
<tr>
<td></td>
<td>11.41.2</td>
<td>Sizes of Tiles 600 x 600 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Sub-head- 6</td>
<td></td>
<td></td>
<td></td>
<td>2563352.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>STONE WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>8.1.1</td>
<td>Providing and fixing 18 mm thick mirror polished, machine cut for kitchen plat forms, vanity counters facias and similar locations of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 sand) with joints treated with white cement mixed with matching pigments, epoxy touchups including rubbing, curing etc. complete at all levels.</td>
<td>Sqm</td>
<td>4304.20</td>
<td>8</td>
<td>34433.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rajnagar plain white marble (over area 1 sqmt but up to 2 sqm.)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>8.3.1</td>
<td>Extra for providing edge moulding to 18 mm thick granite stone counters, vanities etc over item no- 6.1 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer in charge</td>
<td>Sqm</td>
<td>4304.20</td>
<td>8</td>
<td>34433.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marble Work</td>
<td>Mtr</td>
<td>196.60</td>
<td>12</td>
<td>2359.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Sub-head- 7</td>
<td></td>
<td></td>
<td></td>
<td>36792.80</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>WOOD WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>9.21.1</td>
<td>P &amp; F ISI marked Flush door shutters non-decorative type; commercial ply with 3 ply face veneers on both faces of shutters; 35 mm thick i/c Stainless Steel butt hinges;</td>
<td>Sqm</td>
<td>2935.64</td>
<td>60</td>
<td>176138.4</td>
</tr>
<tr>
<td>2</td>
<td>9.27.1</td>
<td>P/F 35 mm thick wire gauge shutter for doors, windows M.S butt hinges; Second class teakwood.</td>
<td>Sqm</td>
<td>5273.75</td>
<td>45.000</td>
<td>237318.75</td>
</tr>
<tr>
<td>3</td>
<td>9.40.1.1</td>
<td>Providing and fixing wooden moulded beading to door and window frames with iron screws, plugs and priming coat on unexposed surface etc. complete. 2nd class teak wood; 50 x 12 mm</td>
<td>Rmt</td>
<td>183.02</td>
<td>175</td>
<td>32028.5</td>
</tr>
<tr>
<td>4</td>
<td>9.84</td>
<td>Providing and fixing Is :3564 Marked Aluminium extruded Section body tabular type Universal Hydraulic Door with double speed adjustment with necesories and screws etc. complete</td>
<td>Each</td>
<td>1826.06</td>
<td>20</td>
<td>36521.1</td>
</tr>
<tr>
<td>5</td>
<td>9.96.2</td>
<td>Providing and fixing Is ISI Marked aluminium sliding Door boards ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc. complete :250X16 mm</td>
<td>Each</td>
<td>314.25</td>
<td>30</td>
<td>9427.5</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>6</td>
<td>9.97.2</td>
<td>Providing and fixing aluminium Tower Bolts ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc. complete :250X10mm</td>
<td>Each</td>
<td>160.80</td>
<td>30</td>
<td>4824</td>
</tr>
<tr>
<td>7</td>
<td>9.97.3</td>
<td>Providing and fixing aluminium Tower Bolts ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc. complete :200X10mm</td>
<td>Each</td>
<td>132.15</td>
<td>25</td>
<td>3303.825</td>
</tr>
<tr>
<td>9</td>
<td>9.100.1</td>
<td>Providing and fixing aluminium handles ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc. Complete :125 mm</td>
<td>Each</td>
<td>116.25</td>
<td>50</td>
<td>5812.5</td>
</tr>
<tr>
<td>10</td>
<td>9.101.1</td>
<td>Providing and fixing aluminium hanging door stopper ISI Marked anodised (anodic coating not Less than grade AC 10 as per IS :1868) transparent or dyed to Required colour or shade With Nuts and Screws etc. Complete :Single rubber stopper</td>
<td>Each</td>
<td>53.20</td>
<td>50</td>
<td>2659.8</td>
</tr>
<tr>
<td>11</td>
<td>9.119</td>
<td>Providing and fixing factory made PVC door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet mitred at corners and joined with 2 Nos.of 150 mm long brackets of 15 x 15 mm M.S.square tube the vertical door profiles to be reinforced with 19 x 19 mm M.S.square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame to be fixed to the wall using M.S.screws of 65/100 mm size complete as per manufacturers specification and direction of Engineer-in-charge:</td>
<td>Mr</td>
<td>752.56</td>
<td>60</td>
<td>45153.6</td>
</tr>
<tr>
<td>12</td>
<td>9.120.2</td>
<td>Providing and fixing to existing door frames 30 mm thick factory made solid both side Pre-laminated panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top &amp; bottom rails M.S. frame shall have a coat of steel primers of approved make and manufacture M.S. frame covered with 5 mm thick heat moulded Pre-laminated PVC ‘C’ channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either side forming styles; and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel. 10 mm (5mm x 2) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail &amp; bottom rail panelling of 5 mm thick both side Pre-laminated PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles &amp; rails with 7 mm (5mm + 2mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the ‘C’ Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, Manufacture's specification &amp; drawing (for W.C. and bathroom door shutter).</td>
<td>Sqm</td>
<td>5501.88</td>
<td>20</td>
<td>110037.6</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------</td>
<td>------</td>
<td>-----------</td>
<td>-----------------</td>
</tr>
<tr>
<td>13</td>
<td>9.48.1</td>
<td>Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to steel windows by welding</td>
<td>Kg</td>
<td>168.80</td>
<td>4275</td>
<td>721620</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Providing and fixing cupboard using 19 mm thick block board of approved make, inside face painted with synthetic enamel paint of approved make and 0.8 mm thick laminate pasted on the outside face, with all accessories- S.S hinges, magnetic catcher, handles, hangers etc. and fixed on the wall using wooden battens all complete</td>
<td>Sqm</td>
<td>600.00</td>
<td>30</td>
<td>180000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 8</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1564845.58</strong></td>
</tr>
<tr>
<td>1</td>
<td>13.1.2</td>
<td>12mm Cement Plaster of Mix:1:6 (1 cement : 6 fine sand) inside plaster</td>
<td>Sqm</td>
<td>173.25</td>
<td>2700</td>
<td>467775</td>
</tr>
<tr>
<td>2</td>
<td>13.2.1</td>
<td>15mm Cement Plaster on the rough side of single or half brick wall of mix:1:6. (1 cement : 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>1700</td>
<td>340867</td>
</tr>
<tr>
<td>3</td>
<td>13.17</td>
<td>6 mm cement plaster 1:3 (1 cement : 3 fine sand) finished with a floating coat of neat cement and thick coat of Lime wash on top of walls when dry for bearing of R.C.C. slabs and beams.</td>
<td>Sqm</td>
<td>220.64</td>
<td>600</td>
<td>132384</td>
</tr>
<tr>
<td>4</td>
<td>13.26</td>
<td>Providing and applying Plaster of Paris (POP) on walls of thickness not less than 8 mm finished smooth to line and level.</td>
<td>Sqm</td>
<td>155.87</td>
<td>1400</td>
<td>218218</td>
</tr>
<tr>
<td>5</td>
<td>13.41.1</td>
<td>Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade:</td>
<td>Sqm</td>
<td>124.06</td>
<td>2700</td>
<td>334962</td>
</tr>
<tr>
<td>6</td>
<td>13.46.1</td>
<td>Finishing walls with Acrylic Smooth exterior paint of required shade :</td>
<td>Sqm</td>
<td>125.55</td>
<td>3100</td>
<td>389205</td>
</tr>
<tr>
<td></td>
<td></td>
<td>New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>13.50.1</td>
<td>Applying priming coat : With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)</td>
<td>Sqm</td>
<td>48.08</td>
<td>110</td>
<td>5288.8</td>
</tr>
<tr>
<td>8</td>
<td>13.61.1</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade.</td>
<td>Sqm</td>
<td>100.16</td>
<td>1200</td>
<td>120192</td>
</tr>
</tbody>
</table>
## SANITARY WORK

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17.1.1</td>
<td>Providing and fixing water closet squatting pan (India type W.C pan) with 100 mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern with manually controlled device (Handle lever) conforming to IS 7231 parryware/hindware/seabird/orient (coral) with all fitting and fixtures complete including cutting and making good the walls and floors wherever required</td>
<td>Sqm</td>
<td>57.85</td>
<td>650</td>
<td>37602.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>17.3.1</td>
<td>Providing and fixing white vitreous china pedestal type water closet (European type WC pan with seat and lid, 10 ltr. Low level white PVC flushing system with manually controlled device (Handle lever) conforming to IS 7231 parryware W.C pan with ISI marked white solid plastic seat and lid with PVC flushing cistern and CP flush bend.</td>
<td>Nos.</td>
<td>5513.23</td>
<td>4</td>
<td>22052.92</td>
</tr>
<tr>
<td>3</td>
<td>17.7.3</td>
<td>Providing and fixing wash basin with C.I. brackets,15 mm C.P. brass piller taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required: White vitreous China; Wash basin</td>
<td>Nos.</td>
<td>7850.69</td>
<td>4</td>
<td>31402.76</td>
</tr>
<tr>
<td>4</td>
<td>17.10.1.1</td>
<td>Providingn and fixing salem stainless steel A ISI : 304 (18/8) kitchen sink as per IS:13983 with C.I brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required: Kitchen Sink with Drain Board</td>
<td>Nos.</td>
<td>3124.71</td>
<td>10</td>
<td>31247.1</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>510X1040 mm bowl depth 250 mm</td>
<td>Nos.</td>
<td>12543.00</td>
<td>2</td>
<td>25086</td>
</tr>
<tr>
<td>5</td>
<td>17.32.2</td>
<td>Providing and fixing 600X450 bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P brass screws and washers complete.</td>
<td>Nos.</td>
<td>698.80</td>
<td>12</td>
<td>8385.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>17.73.1</td>
<td>Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with C.P brass screws with concealed fitting arrangement of approved quality colour and make (Prayag or equivelant) 450mm long towel rail with total length of 495mm, 78mm wide and effective height of 88 mm, weighing not less than 170 gm.</td>
<td>Nos.</td>
<td>698.80</td>
<td>9</td>
<td>6289.2</td>
</tr>
</tbody>
</table>

**SUB HEAD-10**
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>17.72</td>
<td>Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with a minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality, colour and make weighing not less than 88 gms.</td>
<td>Nos.</td>
<td>315.92</td>
<td>10</td>
<td>3159.21</td>
</tr>
<tr>
<td>9</td>
<td>17.23</td>
<td>Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm or 340x410x265 mm sizes respectively.</td>
<td>Nos.</td>
<td>1474.24</td>
<td>3</td>
<td>4422.72</td>
</tr>
<tr>
<td>10</td>
<td>18.52</td>
<td>Providing and fixing C.P.brass stop cock (concealed) of standard design and of approved make conforming to IS :8931: 15 mm nominal bore</td>
<td>Nos.</td>
<td>793.38</td>
<td>8</td>
<td>6347.04</td>
</tr>
<tr>
<td>11</td>
<td>17.34</td>
<td>Providing and fixing toilet paper holder</td>
<td>Nos.</td>
<td>466.77</td>
<td>4</td>
<td>1867.068</td>
</tr>
<tr>
<td>12</td>
<td>18.49.1</td>
<td>Providing and fixing C.P.brass bib cock of approved quality conforming to IS :8931: 15 mm nominal bore</td>
<td>Nos.</td>
<td>739.35</td>
<td>24</td>
<td>17744.4</td>
</tr>
<tr>
<td>14</td>
<td>18.51.1</td>
<td>Providing and fixing C.P.brass long body bib cock of approved quality conforming to IS standard and weighing not less than 690 gms: 15 mm nominal bore</td>
<td>Nos.</td>
<td>800.92</td>
<td>6</td>
<td>4805.496</td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>Providing and fixing C.P.brass shower fitting comprising of all mixture of Half turn fittings- one overhead pressure adjustable shower with shower arm and wall flange, two concealed stop cocks with wall flange, one four way diverter, one bath spout with wall flange including cutting and making good the walls where required.</td>
<td>Nos.</td>
<td>3850.00</td>
<td>8</td>
<td>30800</td>
</tr>
<tr>
<td>16</td>
<td>18.58</td>
<td>Providing and fixing PTMT grating of approved quality and colour</td>
<td>Nos.</td>
<td>83.80</td>
<td>35</td>
<td>2933</td>
</tr>
<tr>
<td>18.58.1.1</td>
<td></td>
<td>100 mm nominal dia</td>
<td>each</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUB HEAD 11</td>
<td></td>
<td>INTERNAL DRAINAGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>17.35.1.1</td>
<td>Providing and fixing soil, waste and vent pipes : 100 mm dia; Sand cast iron S&amp;S pipe as per IS: 1729</td>
<td>Mtr</td>
<td>1365.80</td>
<td>225</td>
<td>307305</td>
</tr>
<tr>
<td>2</td>
<td>17.37.1</td>
<td>Providing and fixing M.S. holder-bat, clamps of approved design to Sand Cast iron/ cast iron (spun) pipe embedded in and including cement concrete blocks 10 x 10 x 10 cm of 1:2:4 mix (1 cement :2 sand :4 graded stone aggregate</td>
<td>each</td>
<td>209.25</td>
<td>70</td>
<td>14647.5</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>3</td>
<td>17.38.1.1</td>
<td>Providing and fixing bend of required degree with access door, insertion rubber washers 3 mm thick, bolts and nuts complete: 100 mm; Sand cast iron S&amp;S as per IS-1729</td>
<td>each</td>
<td>577.16</td>
<td>30</td>
<td>17314.8</td>
</tr>
<tr>
<td>4</td>
<td>17.39.1.1</td>
<td>Providing and fixing plain bend of required degree: 100 mm; Sand cast iron S&amp;S as per IS-1729</td>
<td>each</td>
<td>497.18</td>
<td>50</td>
<td>24859</td>
</tr>
<tr>
<td>5</td>
<td>17.43.1.1</td>
<td>Providing and fixing single equal plain junction of required degree with access door, insertion rubber washers 3 mm thick, bolts and nuts complete: 100 x 100 x 100 mm; Sand cast iron S&amp;S as per IS-1729</td>
<td>each</td>
<td>829.93</td>
<td>12</td>
<td>9959.16</td>
</tr>
<tr>
<td>6</td>
<td>17.56.1.1</td>
<td>Providing and fixing terminal guard: 100 mm; Sand cast iron S&amp;S as per IS-1729</td>
<td>each</td>
<td>447.52</td>
<td>12</td>
<td>5370.24</td>
</tr>
<tr>
<td>7</td>
<td>17.57.1.1</td>
<td>Providing &amp; fixing collar: 100 mm; Sand cast iron S&amp;S as per IS-1729</td>
<td>each</td>
<td>330.80</td>
<td>90</td>
<td>29772</td>
</tr>
<tr>
<td>8</td>
<td>17.58.1</td>
<td>Providing lead caulked joints to sand cast iron/ centrifugally cast (spun) iron pipes and fittings of diameter: 100 mm</td>
<td>each</td>
<td>386.60</td>
<td>90</td>
<td>34794</td>
</tr>
<tr>
<td>9</td>
<td>17.60.1.2</td>
<td>Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: 100 mm inlet and 100 mm outlet; Sand cast iron S&amp;S as per IS: 1729</td>
<td>each</td>
<td>1212.44</td>
<td>35</td>
<td>42435.4</td>
</tr>
<tr>
<td>10</td>
<td>18.76.1</td>
<td>Cutting holes upto 30 x 30 cm in walls including making good the same: With F.P.S. bricks</td>
<td>each</td>
<td>282.72</td>
<td>32</td>
<td>9047.04</td>
</tr>
<tr>
<td>11</td>
<td>18.78</td>
<td>Making chases upto 7.5x7.5 cm in walls including making good after housing G.I. pipe etc:</td>
<td>Mtr</td>
<td>119.97</td>
<td>30</td>
<td>3599.1</td>
</tr>
</tbody>
</table>

**Total Sub-head-11**

499103.24

**SUB HEAD 12**

**FILTERED WATER SUPPLY DISTRIBUTION**

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Providing and fixing G.I.pipes complete with G.I.fittings and clamps, including cutting and making good the walls etc.; Internal work - Exposed on wall; 15 mm dia. nominal bore</td>
<td>Exposed on wall</td>
<td>18.10.1</td>
<td>15mm dia pipe</td>
<td>Mtr</td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing G.I.pipes complete with G.I.fittings and clamps, including cutting and making good the walls etc.; Internal work - Exposed on wall; 15 mm dia. nominal bore</td>
<td>Exposed on wall</td>
<td>18.10.3</td>
<td>25mm dia pipe</td>
<td>Mtr</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing G.I.pipes complete with G.I.fittings and clamps, including cutting and making good the walls etc.; Internal work - Exposed on wall; 15 mm dia. nominal bore</td>
<td>Concealed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Balance BOQ**
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>15mm dia pipe</td>
<td>Mtr</td>
<td>426.13</td>
<td>225</td>
<td>95879.25</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing G.I pipes complete with G.I fittings including trenching and refilling etc (external work)</td>
<td>Mtr</td>
<td>547.21</td>
<td>250</td>
<td>136802.5</td>
<td></td>
</tr>
<tr>
<td>1.6</td>
<td>40mm dia pipe</td>
<td>Mtr</td>
<td>662.07</td>
<td>100</td>
<td>66207</td>
<td></td>
</tr>
<tr>
<td>1.6</td>
<td>50mm dia pipe</td>
<td>Mtr</td>
<td>662.07</td>
<td>100</td>
<td>66207</td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>4</td>
<td>18.17.1</td>
<td>Providing and fixing Gun metal gate valve with C.I. wheel of approved quality (Screwed end)</td>
<td>Nos.</td>
<td>693.69</td>
<td>4</td>
<td>2774.748</td>
</tr>
<tr>
<td></td>
<td>18.17.3</td>
<td>25 mm dia N.B</td>
<td>Nos.</td>
<td>1015.65</td>
<td>10</td>
<td>10156.5</td>
</tr>
<tr>
<td></td>
<td>18.17.4</td>
<td>50 mm dia N.B</td>
<td>Nos.</td>
<td>1451.92</td>
<td>8</td>
<td>11615.36</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Painting G.I. pipes and fittings with synthetic enamel white paint over already mixed priming coat, both of approved quality of new work</td>
<td>Mtr</td>
<td>21.20</td>
<td>135</td>
<td>2862</td>
</tr>
<tr>
<td></td>
<td>18.38.3</td>
<td>25 mm dia pipe</td>
<td>Mtr</td>
<td>29.76</td>
<td>50</td>
<td>1488</td>
</tr>
<tr>
<td></td>
<td>18.38.5</td>
<td>40 mm dia pipe</td>
<td>Mtr</td>
<td>34.97</td>
<td>100</td>
<td>3496.8</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work)</td>
<td>each</td>
<td>222.46</td>
<td>50</td>
<td>11123</td>
</tr>
<tr>
<td></td>
<td>18.46.1</td>
<td>15 mm dia N.B</td>
<td>each</td>
<td>287.28</td>
<td>60</td>
<td>17236.8</td>
</tr>
<tr>
<td></td>
<td>18.46.3</td>
<td>25 mm dia N.B</td>
<td>each</td>
<td>427.70</td>
<td>20</td>
<td>8554</td>
</tr>
<tr>
<td></td>
<td>18.46.5</td>
<td>40 mm dia N.B</td>
<td>each</td>
<td>572.32</td>
<td>20</td>
<td>11446.4</td>
</tr>
<tr>
<td></td>
<td>18.46.6</td>
<td>50 mm dia N.B</td>
<td>each</td>
<td>11123</td>
<td>50</td>
<td>55615</td>
</tr>
<tr>
<td>6</td>
<td>18.48</td>
<td>Providing and placing on terrace (at all floor levels) Polythylene water storage tank ISI :12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.</td>
<td>Ltr</td>
<td>11.35</td>
<td>15000</td>
<td>170250</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 12</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>662748.86</strong></td>
</tr>
<tr>
<td></td>
<td>SUB HEAD 13</td>
<td><strong>UNFILTERED WATER SUPPLY WITH DISTRIBUTION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc. (external work)</td>
<td>Mtr</td>
<td>547.21</td>
<td>280</td>
<td>153218.8</td>
</tr>
<tr>
<td></td>
<td>18.12.5</td>
<td>40 mm dia pipe</td>
<td>Mtr</td>
<td>1015.65</td>
<td>3</td>
<td>3046.95</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Providing and fixing Gun metal gate valve with C.I. wheel of approved quality (Screwed end)</td>
<td>Nos.</td>
<td>1015.65</td>
<td>3</td>
<td>3046.95</td>
</tr>
<tr>
<td></td>
<td>18.17.3</td>
<td>40 mm dia N.B</td>
<td>Nos.</td>
<td>1015.65</td>
<td>3</td>
<td>3046.95</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (new work): 15 mm nominal bore</td>
<td>each</td>
<td>427.70</td>
<td>75</td>
<td>32078.25</td>
</tr>
<tr>
<td></td>
<td>18.46.5</td>
<td>40 mm dia N.B</td>
<td>each</td>
<td>427.70</td>
<td>75</td>
<td>32078.25</td>
</tr>
<tr>
<td></td>
<td>18.46.6</td>
<td>50 mm dia N.B</td>
<td>each</td>
<td>427.70</td>
<td>75</td>
<td>32078.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 13</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>188344</strong></td>
</tr>
<tr>
<td></td>
<td>SUB HEAD 14</td>
<td><strong>EXTERNAL DRAINAGE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>NSR Supplying and fixing 100 mm CI pipe for connection from manhole to septic tank including earthwork etc. all complete</td>
<td>Mtr</td>
<td>1200.00</td>
<td>30</td>
<td>36000.00</td>
</tr>
<tr>
<td></td>
<td>19.32.1</td>
<td>Making soak pit 2.5 m diameter 3.0 Metre deep with 45 x 45 cm dry brick honey comb shaft with bricks of class designation 75 and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design: With F.P.S. bricks</td>
<td>Nos.</td>
<td>26642.73</td>
<td>4</td>
<td>106570.93</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total BOQ</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>839319.79</strong></td>
</tr>
</tbody>
</table>

Balance BOQ

Page 12 of 28

Saisen Basti
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total Sub-head- 14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>142570.93</td>
</tr>
<tr>
<td>SUB HEAD 15</td>
<td>ROAD WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>16.1</td>
<td>Preparation and consolidation of subgrade with power roller of 8 to 12 tonnes capacity after excavation earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the subgrade and disposal of surplus earth lead up to 50 Metres:</td>
<td>Sqm</td>
<td>113.93</td>
<td>1200</td>
<td>136710.00</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified: 1:4:8 (1 cement : 4 coarse sand: 8 graded stone aggregate 40 mm nominal size).</td>
<td>Cum</td>
<td>6683.54</td>
<td>75</td>
<td>501265.35</td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
<td>Providing and laying in position specific grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>145</td>
<td>1374081.05</td>
</tr>
<tr>
<td>4</td>
<td>5.9..1</td>
<td>Centering and shuttering including leveling, strutting and proping and removal from concrete work at all levels for.</td>
<td>Sqm</td>
<td>310.43</td>
<td>280</td>
<td>86921.52</td>
</tr>
<tr>
<td>5</td>
<td>5.22.1</td>
<td>Reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete.TMT Bars.</td>
<td>Kg</td>
<td>83.84</td>
<td>5500</td>
<td>461143.67</td>
</tr>
<tr>
<td></td>
<td>Total Sub-head- 15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2560121.59</td>
</tr>
<tr>
<td>SUB HEAD 16</td>
<td>UNDER GROUND WATER TANK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well.</td>
<td>Cum</td>
<td>184.00</td>
<td>150</td>
<td>27600.00</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified: 1:4:8 (1 cement : 4 graded stone aggregate 40 mm nominal size).</td>
<td>Cum</td>
<td>6683.54</td>
<td>7</td>
<td>46784.77</td>
</tr>
<tr>
<td>3</td>
<td>5.9.1</td>
<td>Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td>Sqm</td>
<td>310.43</td>
<td>8</td>
<td>2483.47</td>
</tr>
<tr>
<td>A</td>
<td>5.9.2</td>
<td>Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>225</td>
<td>113359.50</td>
</tr>
<tr>
<td>B</td>
<td>5.9.3</td>
<td>Suspended floors, roofs, landings, balconies and access platforms.</td>
<td>Sqm</td>
<td>549.93</td>
<td>60</td>
<td>32995.80</td>
</tr>
<tr>
<td>4</td>
<td>5.1.2</td>
<td>Providing and laying in position specific grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement-All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>15</td>
<td>142146.32</td>
</tr>
<tr>
<td>5</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness) including attached, pilasters, buttresses plinth &amp; string courses fillets, columns, pillars, piers, abutments, posts &amp; struts etc. Upto floor five level excluding the cost of centring, shuttering, finishing &amp; reinforcement 1:1:5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>42</td>
<td>448076.79</td>
</tr>
<tr>
<td>6</td>
<td>5.3</td>
<td>Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases up to floor five level excluding the cost of centering, shuttering, finishing and reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size).</td>
<td>Cum</td>
<td>10219.86</td>
<td>15</td>
<td>153297.95</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>7</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, iplacingin position and binding all complete  i) Thermo-mechanical Treated Bar</td>
<td>Kg</td>
<td>83.84</td>
<td>4000</td>
<td>335377.21</td>
</tr>
<tr>
<td>8</td>
<td>22.4</td>
<td>Providing and Placing in position suitable PVC water stops conforming to IS:12200 for construction/ expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete :</td>
<td>Sqm</td>
<td>802.87</td>
<td>120</td>
<td>96344.40</td>
</tr>
<tr>
<td></td>
<td>22.4.1</td>
<td>Dumb bell with central bulb (180 mm wide, 8 mm thick)</td>
<td>Kg</td>
<td>83.84</td>
<td>3200</td>
<td>268288</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Sub-head- 16</td>
</tr>
<tr>
<td>SUB HEAD-17</td>
<td>STORM WATER DRAIN</td>
<td></td>
<td>Cum</td>
<td>184.00</td>
<td>300</td>
<td>55200</td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30cm in depth,1.5m in width.</td>
<td>Cum</td>
<td>184.00</td>
<td>300</td>
<td>55200</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified 1:4:8 (1 cement : 4 Coarse sand : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>16</td>
<td>106936.64</td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
<td>Providing and laying in position specified graded of reinforced cement concreat 1:1.5:3 (1 cement : 1.5 Coarse Sand : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>9476.42</td>
<td>100</td>
<td>947642</td>
</tr>
<tr>
<td>4</td>
<td>5.9..1</td>
<td>Centering and shuttering including leveling, struting and proping and removal from concrete work at all levels for: Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td>Sqm</td>
<td>310.43</td>
<td>940</td>
<td>291804.2</td>
</tr>
<tr>
<td>5</td>
<td>5.22.6</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, iplacingin position and binding all complete  i) Thermo-mechanical Treated Bar</td>
<td>Kg</td>
<td>83.84</td>
<td>3200</td>
<td>268288</td>
</tr>
<tr>
<td>6</td>
<td>13.2.1</td>
<td>15mm Cement Plaster on the rough side of single or half brick wall of mix 1:6. (1 cement : 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>800</td>
<td>160408</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Sub-head- 17</td>
</tr>
<tr>
<td>SUB HEAD-18</td>
<td>RETAINING WALL</td>
<td></td>
<td>Cum</td>
<td>184.00</td>
<td>100</td>
<td>184000.00</td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td>Cum</td>
<td>184.00</td>
<td>100</td>
<td>184000.00</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>20</td>
<td>133670.76</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Centering and shuttering including leveling, struting and proping and removal of form for concrete work at all levels for: A Foundations, bases of columns, plinth beams, columns below plinth level etc</td>
<td>Sqm</td>
<td>310.43</td>
<td>40</td>
<td>12417.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B Walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc.</td>
<td>Sqm</td>
<td>503.82</td>
<td>200</td>
<td>100764.00</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>-----------------</td>
</tr>
<tr>
<td>4</td>
<td>5.1.2.</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal)</td>
<td>Cum</td>
<td>9476.42</td>
<td>40</td>
<td>379056.84</td>
</tr>
<tr>
<td>5</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding the cost of centring, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement:1.5 coarse sand:3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>40</td>
<td>426739.80</td>
</tr>
<tr>
<td>6</td>
<td>5.22.6</td>
<td>Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>TMT Bars</td>
<td>Kg 83.84</td>
<td>12000</td>
<td>1006131.64</td>
</tr>
</tbody>
</table>

Total Sub-head- 18  

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation by meachanical means (Hydraulic Excavator) manual means over areas (exceeding 30cm in depth, 1.5m in width as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed. All kinds of soil</td>
<td>CUM</td>
<td>184.00</td>
<td>40</td>
<td>7360</td>
</tr>
<tr>
<td>2</td>
<td>2.25</td>
<td>Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m.</td>
<td>CUM</td>
<td>90.00</td>
<td>12</td>
<td>1080</td>
</tr>
<tr>
<td>3</td>
<td>4.1.10</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size)</td>
<td>CUM</td>
<td>6244.76</td>
<td>5</td>
<td>31223.82</td>
</tr>
<tr>
<td>4</td>
<td>7.1.1</td>
<td>Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level with: Cement mortar 1:6 (1 cement : 6 coarse sand).</td>
<td>CUM</td>
<td>5690.11</td>
<td>20</td>
<td>113802.24</td>
</tr>
</tbody>
</table>

Total Sub-head- 19  

<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead up to 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td>CUM</td>
<td>184.00</td>
<td>275</td>
<td>50600</td>
</tr>
<tr>
<td>2</td>
<td>4.1.8</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>20</td>
<td>133670.8</td>
</tr>
<tr>
<td>3</td>
<td>A 5.9.1</td>
<td>Centering and shuttering including leveling, struting and propping and removal of form for concrete work at all levels for: Foundations, bases of columns, plinth beams, columns below plinth level etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>----------------</td>
</tr>
<tr>
<td>8</td>
<td>16.53</td>
<td>Providing and fixing concertina coil fencing with punched tape concertina coil 600 mm dia 10 metre openable length (total length 90 m), having 50 nos rounds per 6 metre length, upto 3 m height of wall with existing angle iron &quot;Y&quot; shaped placed 2.4 m or 3.00 m apart and with 9 horizontal R.B.T. reinforced barbed wire, stud tied with G.I. staples and G.I. clips to retain horizontal, including necessary bolts or G.I. barbed wire tied to angle iron, all complete as per direction of Engineer-in-charge, with reinforced barbed tape(R.B.T.) / Spring core (2.5 mm thick) wire of high tensile strength of 165 kg/sq mm with tape (0.52 mm thick) and weight 43.478 gm/metre (cost of M.S. angle, C.C. blocks shall be paid separately</td>
<td>Sqm</td>
<td>173.25</td>
<td>320</td>
<td>55440.00</td>
</tr>
<tr>
<td>9</td>
<td>16.18.1</td>
<td>With G.I. barbed wire</td>
<td>metre</td>
<td>21.10</td>
<td>4250.00</td>
<td>89675.00</td>
</tr>
<tr>
<td>10</td>
<td>16.16</td>
<td>Supplying and fixing turn buckles and straining bolts for barbed wire fencing.</td>
<td>each set</td>
<td>254.46</td>
<td>100.00</td>
<td>25446.00</td>
</tr>
<tr>
<td>11</td>
<td>16.19</td>
<td>Supplying at site Angle iron post &amp; strut of required size including bottom to be split and bent at right angle in opposite direction for 10 cm length and drilling holes upto 10 mm dia. etc. complete</td>
<td>kg</td>
<td>116.13</td>
<td>1600.00</td>
<td>185808.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 20</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>2730180.6</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total of Civil works (Subhead 1 - 20)</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>53186719.90</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>MISCELLANEOUS WORKS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
</tbody>
</table>
| SUB HEAD 1 | RO SYSTEM | Supply, installation & commissioning of Water treatment plant 200 LPH capacity comprising of RO treatment, Iron removal filter, Anti scalar dosing, & PH correction system with following specifications complete in all respect:  
Permeate Flow 200 LPH  
Feed Flow 100 LPH  
Feed Pressure (Max) 14 kg/cm²  
Motor Rating 1.0 HP  
No. of Membrane 1 No  
Type of Membrane TFC  
Size of Membrane 4.0'  
DMF Inlet Pressure Max 3.0 Kg/cm²  
No. of Pr. Tubes 1 No  
Cartridge Filter, Size 10”  
Recovery 20-25% | | | | |
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate (in Rs.)</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 1</strong></td>
<td></td>
<td></td>
<td></td>
<td>411156.25</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-2</strong> SOLAR BACKUP SYSTEM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Providing and installation Solar energy system of 5KV capacity comprising of solar panel, 10 nos, tubular battaries (150 AH) complete in all respect with requird panel, converter with etc as per design, drawings and specifications.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 2</strong></td>
<td></td>
<td></td>
<td></td>
<td>2406250</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-3</strong> MOVABLE FIXTURES</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 a 3 nos Bed 7’ X 4’(one each for vip room, coy comdr room and coy 2ic)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 b 3 nos Coir mattress (one each for vip room, coy comdr room and coy 2IC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>c 2 nos TV/LED (one 21&quot; for VIP room and 32 &quot; for recreation room</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>d 1 no Office chair factory made</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>e 1 office table factory made</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>f 1 no office chair for signal centre</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>g 1 table for signal centre</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>h 50 nos plastic dining chair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>i 1 no Refrigerator</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>j 2 nos AC 1.5 ton</td>
<td>LS</td>
<td>300000.00</td>
<td>1</td>
<td>300000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 3</strong></td>
<td></td>
<td></td>
<td></td>
<td>300000</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB HEAD-4</strong> RAIN WATER RECHARGED WELL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1 Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td>Cum</td>
<td>184.00</td>
<td>57.6</td>
<td>10598.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) All kinds of soil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level.</td>
<td>Cum</td>
<td>6683.54</td>
<td>2</td>
<td>13367.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) 1:4:8 (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level.</td>
<td>Cum</td>
<td>9476.42</td>
<td>10</td>
<td>94764.21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) 1:1.5:3 (1 cement :1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 Centering and shuttering including strutting, propping etc. and removal of form for:</td>
<td>Sqm</td>
<td>310.43</td>
<td>40</td>
<td>12417.36</td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) Foundations, footings, bases of columns etc. for mass concrete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 Reinforcement of R.C.C. work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>a) TMT Bars</td>
<td>Kg</td>
<td>83.84</td>
<td>800</td>
<td>67075.44</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6 Supply and laying including earthwork etc. of PVC pipe of 75 mm dia for rain water harvesting</td>
<td>mtr</td>
<td>331.76</td>
<td>300</td>
<td>99528.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7 6.2.2 Brick work with F.P.S.Bricks of class designation 75 in foundation and plinth in 1:6 (1 cement : 6 Coarse Sand)</td>
<td>Cum</td>
<td>9681.82</td>
<td>15</td>
<td>145227.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 4</strong></td>
<td></td>
<td></td>
<td></td>
<td>442977.79</td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
</tr>
<tr>
<td>SUB HEAD 5 HORTICULTURE WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Grassing with 'Doob' grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for mowing including supplying good earth if needed (the good earth shall be paid for separately): In rows 7.5 cm apart in either direction</td>
<td>100sqm</td>
<td>980.00</td>
<td>5</td>
<td>4900</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Supplying and planting the following as per drawing:- Antherium araceae Anthurium navasii Rosa Oxalis triangularis Ravenia spectabilis Tabernaemontana Anthocephalus Chinensis Bauhinia Blackean Delonix Regia Michelia Champaca Acalypha Wilkesiana 'Dwarf' Codiaeum Variegatum Pleioblastus variegatus Plumeria alba Hamelia Patens Ixora Chenensis 'Nana Pink' Pleomele Reflexa 'Variegata' Lagerstroemia indica dwarf Duranta goldiana Ficus benjamina Ficus panda Mimusops elengi Vinca Rosea Wadelia Trilobata</td>
<td>Each</td>
<td>250.00</td>
<td>500</td>
<td>125000</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Sub-head- 5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>129900</strong></td>
</tr>
<tr>
<td>SUB HEAD-6 BORING &amp; TUBEWELL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Boring by het or Dheki for lowering of UPVC of 150 mm dia, including cutting the pipe.</td>
<td>Job</td>
<td>35000.00</td>
<td>2</td>
<td>70000.00</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>From G. L. to 30.5 m Depth (for all kind of soil)</td>
<td>Job</td>
<td>36875.00</td>
<td>2</td>
<td>73750.00</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>From 30.5 m to 61m Depth (for all kind of soil)</td>
<td>Job</td>
<td>38750.00</td>
<td>2</td>
<td>77500.00</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>From 61 m to 91.5 m Depth (all kind of soil)</td>
<td>Job</td>
<td>35000.00</td>
<td>2</td>
<td>70000.00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Providing &amp; lowering of UPVC pipe of 150 mm dia, rating of 8 Kg/ sqcm as per the spece.</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>From G. L. to 30.5 m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>From 30.5 m to 61m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>From 61m to 91.5m Depth (for all kind of soil)</td>
<td>Mtr</td>
<td>2250.00</td>
<td>61</td>
<td>137250.00</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing &amp; lowering of pea gravel of size 3mm to 8mm dia, free from dirt, rust and other .</td>
<td>Cum</td>
<td>5625.00</td>
<td>10</td>
<td>56250.00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Development of the tube well by compressed air plant.</td>
<td>Lot</td>
<td>62500.00</td>
<td>2</td>
<td>125000.00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>supply and erection of submersible pump of HP rating capacity for lifting of water from well.</td>
<td>Lot</td>
<td>93750.00</td>
<td>2</td>
<td>187500.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Providing and fixing of Electrical control panel for 10hp pumps with starter complete in all respects</td>
<td>Lot</td>
<td>47500.00</td>
<td>2</td>
<td>95000.00</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Providing and laying of electrical control and power cable from panel to pump.</td>
<td>Mtr</td>
<td>312.50</td>
<td>400</td>
<td>125000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Sub-head- 6</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>1221750.00</strong></td>
</tr>
<tr>
<td>SUB HEAD 7 WATER PUMPING WORKS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing horizontal single/multistage centrifugal pumping set with CI body, bronze impeller, stainless steel shaft and induction motor mounted on common base frame, vibration pads accessories complete as per specifications.</td>
<td>Lot</td>
<td>68750.00</td>
<td>2</td>
<td>137500.00</td>
<td></td>
</tr>
</tbody>
</table>

**Water Lift Pump To Over Head Tank**

<table>
<thead>
<tr>
<th>Type of pump-Horizontal (End Suction)</th>
<th>Capacity</th>
<th>200 LPM</th>
<th>Head</th>
<th>30 M</th>
<th>H.P</th>
<th>To suit</th>
<th>Motor RPM</th>
<th>2900</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>set</td>
<td>68750.00</td>
<td>2</td>
<td>137500</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Providing and fixing cast iron dual plate type non-return valve (as per Technical specification) including nuts, bolts, 1.5mm thick CAF gasket sheets, complete in all respects,</td>
<td>Each</td>
<td>10000.00</td>
<td>2</td>
<td>20000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>50 NB</td>
<td>Providing and fixing cast steel/ Bronze/ Gum Metal Ball valve as per IS, Tested as per (PN: 1.6) rating, including nuts, bolts, Minimum 1.5 mm thick CAF gasket sheets, complete in all respects.</td>
<td>Each</td>
<td>9375.00</td>
<td>6</td>
<td>56250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Providing and fixing standard dial type pressure gauge dia 100 mm with screwed inlet with isolation cock suitable for liquid gauge to show pressure upto:</td>
<td>Each</td>
<td>2166.25</td>
<td>3</td>
<td>6498.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>0-5 KG/Sq.cm</td>
<td>Providing and fixing GI pipes to IS:1239/3589 heavy class including all fitting like anchor fastners, couplings, bends, elbows, tee, flanges etc. Welding/threaded joint as required painting with one coat of red oxide primer and two or more coats of synt.</td>
<td>Each</td>
<td>1187.50</td>
<td>10</td>
<td>11875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Providing and fixing dust and vermin proof cubical type motor control centre for the pumps mentioned in item NO.1. It is fabricated from 2mm thick CRCA sheet with stove enamelled finish and comprising of:</td>
<td>Lot</td>
<td>93750.00</td>
<td>1</td>
<td>93750</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td></td>
<td>One incoming main MCCB if suitable rating.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b)</td>
<td></td>
<td>One fully taped aluminum bus-bar of suitable capacity in separate bus-bar chamber.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c)</td>
<td></td>
<td>One MCCB/MPCB of suitable capacity and rating for each pumps (mentioned in Item No.1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d)</td>
<td></td>
<td>One No. fully automatic star-delta/DOL starter with push buttons and on/off indicating lights for each pumps (mentioned in Item no.1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e)</td>
<td></td>
<td>One rotary type auto/manual off selector switch for each pumps along with duty selector switch between working &amp; stand by.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f)</td>
<td></td>
<td>One 144x144mm panel type voltmeter of suitable range with rotary selector switch reading voltage between phases.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g)</td>
<td></td>
<td>One 144x144mm panel type ampere meter of suitable range with rotary selector switch for reading amperes between phases for each pump.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h)</td>
<td></td>
<td>Provision of providing water level controller/ indicator interlocking for automatic operation along with Relay/ Modulas required for items described in item No.2 of the schedule of Quantities is to be taken care of in the control panel.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>i)</td>
<td></td>
<td>Appropriate etched plastic plate for each starter/switch.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>j)</td>
<td></td>
<td>Single phasing preventors one for each 3-phase motor.</td>
<td>Lot</td>
<td>150000.00</td>
<td>1</td>
<td>150000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>Colour coded internal wiring from incoming main to bus-bar switch, geat, starters, meters indicating lamps complete in all respect.</td>
<td>Each</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NOTE:</td>
<td></td>
<td>The rating off all switchgear must the HP of all pumps quoted and 20% space for spare to be kept in the pane.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>Mild steel (rubber lined) or FRP constructed pressure vessel (as per IS:2825) dual media filter complete in all respects, ready for operation of capacity 9 Cu.M per hour complete with dished ends, supporting legs and facing pad for pipe connection complete</td>
<td>Each</td>
<td>173183.00</td>
<td>1</td>
<td>173183</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td>Mild steel (rubber lined) or FRP constructed pressure vessel (as per IS:2825) iron removal filter having MgSO4 media filled complete in all respects, ready for operation of capacity 9 Cu.M per hour complete with dished ends, supporting legs and facing pad</td>
<td>Each</td>
<td>267102.00</td>
<td>1</td>
<td>267102</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td>Medium pressure spring actuator type chemical dosing pump with FRP body and internal parts, dispensing valves, float valves, relief valves, mounting plate, chemical tank of 250 Litre capacity complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>-----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Sub-head- 7</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>923962.75</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>ENTRY GATE &amp; SIGN BOARDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2.6.1</td>
<td>Earth work in excavation over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed: All kind of soil.</td>
<td>Each</td>
<td>3902.00</td>
<td>2</td>
<td>7804</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>4.1.8.</td>
<td>Providing and laying in position machine mixed plain cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level</td>
<td>Cum</td>
<td>184.00</td>
<td>25</td>
<td>4600.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>5.1.2</td>
<td>Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work upto plinth level: 1:1.5:3 (1 cement: 1.5 coarse sand: 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>6683.54</td>
<td>6</td>
<td>40101.23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Centering and shuttering including leveling, struting and propping and removal of form for concrete work at all levels for: foundations, bases of columns, plinth beams, columns below plinth level etc</td>
<td>Cum</td>
<td>9476.42</td>
<td>3</td>
<td>28429.26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>5.9.1</td>
<td>Columns ,Pillars,Piers,Abutments</td>
<td>Sqm</td>
<td>310.43</td>
<td>6</td>
<td>1862.60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>5.9.6.</td>
<td>Columns ,Pillars,Piers,Abutments</td>
<td>Sqm</td>
<td>646.02</td>
<td>24</td>
<td>15504.48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5.2.2/88</td>
<td>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses plinth and string courses fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement: 1.5 Coarse Sand: 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>10668.50</td>
<td>5</td>
<td>53342.48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5.22.6.</td>
<td>Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete.</td>
<td>Kg</td>
<td>83.84</td>
<td>400</td>
<td>33537.72</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>13.2.1</td>
<td>15 mm cement plaster on the rough side of single or half brick wall of mix: 1:6 (1 cement : 6 fine sand)</td>
<td>Sqm</td>
<td>200.51</td>
<td>15</td>
<td>3007.62</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>10.25.2/1999</td>
<td>Steel work welded in built up section /framed work including cutting hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladders, railings, brackets, gates &amp; similar works</td>
<td>Kg</td>
<td>119.97</td>
<td>1500</td>
<td>179949.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13.44.1</td>
<td>Finishing walls with waterproofing cement paint ‘Snowcemplus’ of M/s Snow-cem india ltd. or equivalent of required shade</td>
<td>sqm</td>
<td>83.61</td>
<td>54.40</td>
<td>4548.38</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>13.61.1</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade</td>
<td>sqm</td>
<td>100.16</td>
<td>15.00</td>
<td>1502.40</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Total Sub-head- 8</strong></td>
<td></td>
<td></td>
<td></td>
<td>366385.18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUB HEAD 9: FIREFIGHTING WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td>Providing and fixing portable fire extinguisher water type (gas cartridge) with cylinder fully charged of 9 litres capacity complete with standard discharged valve with type CI bracket for wall mounting etc. conforming to IS:940.</td>
<td>No</td>
<td>4375.00</td>
<td>13</td>
<td>56875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td>Providing and fixing portable fire extinguisher, dry power type (gas cartridge) with cylinder initially fully charged with dry powder (ABC type) of 5 kg. Complete with standard discharge valve with tube, CI bracket for wall mounting etc. conforming to IS:</td>
<td>No</td>
<td>4750.00</td>
<td>11</td>
<td>52250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Providing and fixing portable fire extinguisher, carbon dioxide type with cylinder initially fully charged with co2 gas of 4.5 kg. Capacity complete with discharge valve, discharge tube, horn, CI bracket for wall mounting etc. conforming to IS:2878.</td>
<td>No</td>
<td>10625.00</td>
<td>11</td>
<td>116875</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Providing and fixing portable fire extinguisher mechanical foam type with cylinder initially fully charged with foam compound of 9 litres capacity, complete with standard discharge valve with tube CI bracket for wall mounting etc. conforming to IS:10204.</td>
<td>No</td>
<td>4000.00</td>
<td>11</td>
<td>44000</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Sub-head- 9</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>270000</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total of Sub-heads 1 to 9 (Miscellaneous Works)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td><strong>6472381.96</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUBHEAD-1 INTERNAL WIRING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.3- WGSTL MOD-1.3.3</td>
<td>Note: Rates of only ISI marked M.S. conduit, FR PVC insulated copper conductor single core cables, moulded plate type switches in passivated box and FR PVC insulated earth wire have been taken in the following items unless otherwise specified and as per specification.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Wiring for Light point / Fan point / Exhaust Fan point / Call Bell point with 1.5 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FR PVC insulated copper conductor single core cable etc. as required.</td>
<td>1.3.3</td>
<td>a) Group - C</td>
<td>Point</td>
<td>1480.46</td>
<td>275</td>
<td>407126.5</td>
<td></td>
</tr>
<tr>
<td>1.7</td>
<td>Wiring for light / power plug point with FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>1.7.1</td>
<td>2 X 1.5 sq.mm -1 X 1.5 sq.mm Earth wire</td>
<td>Metre</td>
<td>273.34</td>
<td>420</td>
<td>114802.8</td>
<td></td>
</tr>
<tr>
<td>1.5- WGSTL PP2</td>
<td>Wiring for light / power (For 20 A Industrial Socket) plug point with 2 x 4 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 1 No. 4 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>1.5-WGSTL PP2</td>
<td></td>
<td>Metre</td>
<td>363.40</td>
<td>300</td>
<td>109020</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Wiring for light / power plug point with 2 x 6 sq.mm FR PVC insulated copper conductor single core cable in surface / recessed steel conduit alongwith 1 No. 6 sq.mm FR PVC insulated copper conductor single core cable for loop earthing as required.</td>
<td>1.7.4- WGSTL SB</td>
<td></td>
<td>Metre</td>
<td>470.84</td>
<td>195</td>
<td>91813.8</td>
<td></td>
</tr>
<tr>
<td>1.31- LPACCM OD</td>
<td>Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection, painting etc. as required. (For light plugs to be used in non residential buildings.</td>
<td>1.31- LPACCM OD</td>
<td></td>
<td>Each</td>
<td>617.49</td>
<td>120</td>
<td>74098.8</td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>--------</td>
<td>--------</td>
<td>-----------</td>
<td>-----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>1.32- PPACC MOD</td>
<td>Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 15 / 16 &amp; 5 / 6 amps modular socket outlet and 15 / 16 amps modular switch, connection, painting etc. as required.</td>
<td>Each</td>
<td>754.14</td>
<td>24</td>
<td>18099.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>1.7</td>
<td>Wiring for circuit / submain wiring along with earth wire with the following sizes of FRPVC insulated copper conductor single core cable in surface / recessed steel conduit as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2.18</td>
<td>Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps &quot;C&quot; curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket outlet and complete with connections, testing and commissioning etc. as required.</td>
<td>Each</td>
<td>2005.00</td>
<td>10</td>
<td>20050</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 1:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>1538901.26</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.25- MODFR EB</td>
<td>Supply and fixing of step type electronic fan regulator on existing modular plate switch box including connection but excluding modular plate etc. as required.</td>
<td>Each</td>
<td>657.80</td>
<td>44</td>
<td>28943.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 2:</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>28943.2</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
<td><strong>SUB-HEAD 3: SUPPLY AND INSTALLATION OF FANS &amp; LIGHT FIXTURES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>1.42 + Bajaj price list</td>
<td>Supply &amp; installation of following type fluorescent/CFL fixtures shall be complete with electronic ballast, PF improvement capacitor control gear box. Bipin rotor type lamp holder, starter, starter base all pre wired upto the terminal block. All fixtures shall be supplied with lamps.</td>
<td>Each</td>
<td>1800.00</td>
<td>110</td>
<td>198000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>1.42 + Bajaj price list</td>
<td>Wall mounted fixture with fluorescent tube Make BAJAJ BJIR 136/40W 1xTL-36W</td>
<td>Each</td>
<td>1210.00</td>
<td>12</td>
<td>14520</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1.35+ phillips price list</td>
<td>1x18W Surface mounted downlight luminaire. Make phillips FCS100 1xPL-C/2P18W I 240V or Equivalent.</td>
<td>Each</td>
<td>1502.40</td>
<td>44</td>
<td>66105.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>-------</td>
<td>-----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.35+ philips price list</td>
<td>2x18W Recessed downlighter with patterned specular reflector make philips FBS095 2Xpl- C18W HF or equivalent.</td>
<td>Each</td>
<td>2006.40</td>
<td>16</td>
<td>32102.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>1.35+ philips price list</td>
<td>1x13 W CFL Bulk Head fixture make Decon -09 SZ</td>
<td>Each</td>
<td>2311.20</td>
<td>18</td>
<td>41601.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>1.35+philips price list</td>
<td>1x1w Wall Recess Mounting LED step Light luminaire extruded aluminium housing make BAJAJ BGST 01 WH or equivalent.</td>
<td>Each</td>
<td>3360.00</td>
<td>24</td>
<td>80640</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Ceiling fans</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>Supplying and fixing of 1200 mm sweep ceiling fan with 300/600/900 mm standard down rod and electrical connection as required etc. Make Bajaj Panther</td>
<td>Each</td>
<td>2050.00</td>
<td>65</td>
<td>133250</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>NS Exhaust fans</td>
<td>Supply and installation of exhaust fans including all accessories &amp; materials required, installation, etc. all complete of Make Bajaj Bahar or equivalent, 225 mm sweep</td>
<td>Each</td>
<td>1749.38</td>
<td>32</td>
<td>55980.16</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supply and installation of exhaust fans including all accessories &amp; materials required, installation, etc. all complete of Make Bajaj Maxima DXL or equivalent, 300 mm sweep</td>
<td>Each</td>
<td>1993.45</td>
<td>8</td>
<td>15947.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL SUBHEAD 3:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>638147.36</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-Head 4: EARTHING</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>5.3</td>
<td>Earthing with G.I. Earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required.</td>
<td>Set</td>
<td>6313.68</td>
<td>20</td>
<td>126273.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5.9</td>
<td>Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode. including connection/terminating with G.I. nut, bolt, spring, washer etc. as required.(Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt &amp; spring washer spaced at 50mm)</td>
<td>Metre</td>
<td>251.44</td>
<td>240</td>
<td>60345.6</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL SUBHEAD 4 :</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>186619.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sub-Head 5: SERVICES : TELEPHONE:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>NS</td>
<td>Providing, fixing, connecting and testing of solderless telephone Tag Block, with powder coated box (Krone make ) of required size box with hinged lockable cover and clamps for dressing of wires etc as required.</td>
<td>Nos.</td>
<td>1799.61</td>
<td>1</td>
<td>1799.61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>10 Pair</td>
<td>Nos.</td>
<td>1799.61</td>
<td>1</td>
<td>1799.61</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>4 Pair (Mkt)</td>
<td>Nos.</td>
<td>933.47</td>
<td>5</td>
<td>4667.35</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1.18.2</td>
<td>Supplying, drawing, of 0.5sqmm (2 pair) FR PVC insulated copper conductor , unarmoured telephone cable in existing surface/ recessed steel /PVC conduit as required</td>
<td>Metre</td>
<td>24.49</td>
<td>45</td>
<td>1102.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>NS</td>
<td>Providing, fixing, connecting, testing and commissioning of zinc passivated box with moulded plate in recess or on surface moulded type with following including all necessary materials etc. as required.</td>
<td>Metre</td>
<td>24.49</td>
<td>45</td>
<td>1102.05</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td></td>
<td>Each</td>
<td>327.00</td>
<td>20</td>
<td>6540.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL NO</td>
<td>DSR NO.2012</td>
<td>DESCRIPTION OF ITEMS</td>
<td>Unit</td>
<td>Rate</td>
<td>Quantity</td>
<td>Amount (in Rs.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
<td>----------------------</td>
<td>------</td>
<td>------</td>
<td>----------</td>
<td>----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b b)</td>
<td>Computer terminal (RJ-45)</td>
<td>Each</td>
<td>933.47</td>
<td>30</td>
<td>28004.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 1.2</td>
<td>.Supplying and fixing of following sizes of steel conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.20.1 a)</td>
<td>20mm dia M.S. conduit</td>
<td>Metre</td>
<td>194.34</td>
<td>50</td>
<td>9771.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.20.2 a)</td>
<td>25mm dia M.S. conduit</td>
<td>Metre</td>
<td>225.94</td>
<td>50</td>
<td>11297.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL SUBHEAD 5 :</td>
<td></td>
<td></td>
<td></td>
<td>63127.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SUB-HEAD 6: DISTRIBUTION BOARD</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 2.4</td>
<td>Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4.4</td>
<td>4way (4+12) Double door</td>
<td>Set</td>
<td>6345.00</td>
<td>3</td>
<td>19035</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.4.6</td>
<td>8way (4+24) Double door</td>
<td>Set</td>
<td>8964.00</td>
<td>3</td>
<td>26952</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 2.3</td>
<td>Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 volts, on surface/recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3.5</td>
<td>4way (2+4) Double door</td>
<td>Set</td>
<td>2572.00</td>
<td>10</td>
<td>25720</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.3.7</td>
<td>8way (2+8) Double door</td>
<td>Set</td>
<td>3108.00</td>
<td>5</td>
<td>15540</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1</td>
<td>Supplying and fixing 5 amps to 32 amps rating, 240/415 volts, “C” curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.10.1</td>
<td>Single pole</td>
<td>Each</td>
<td>141.00</td>
<td>130</td>
<td>18330</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 2.15</td>
<td>Supplying and fixing of following rating, four pole (three phase and neutral, 415 Volt - residual current circuit breaker (RCCB) having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.15.2</td>
<td>40amps</td>
<td>Each</td>
<td>2690.74</td>
<td>18</td>
<td>48433.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.15.3</td>
<td>63amps</td>
<td>Each</td>
<td>3104.70</td>
<td>4</td>
<td>12418.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 2.14</td>
<td>Supplying and fixing of following rating, double pole (single phase and neutral, 240 Volt - residual current circuit breaker (RCCB) having a sensitivity current up to 300 milliamperes in the existing MCB DB complete with connections, testing and commissioning etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.14.1</td>
<td>25amps</td>
<td>Each</td>
<td>2082.44</td>
<td>6</td>
<td>12494.64</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.14.2</td>
<td>40amps</td>
<td>Each</td>
<td>2202.52</td>
<td>6</td>
<td>13215.12</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL SUBHEAD 6 :</td>
<td></td>
<td></td>
<td></td>
<td>192138.88</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUB-HEAD 7: LIGHTNING PROTECTION

<p>| 1 6.2 | Providing and fixing of lightning conductor final, made of 25 mm dia 300 mm, long GI tube, having single prong at top, with 85 mm dia 6 mm thick GI base plat including holes etc. complete as required. | Set | 515.08 | 17 | 8756.36 |
| 2 6.7 | Providing and fixing GI tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required. (For horizontal run) | Metre | 91.64 | 45 | 4123.8 |
| 3 6.8 | Providing and fixing GI tape 20 mm x 3 mm thick on parapet or surface of wall for lightning conductor as required (for vertical run) | Metre | 128.77 | 60 | 7726.2 |
| 4 6.12 | Providing and fixing testing joint, made of 20 mm x 3 mm thick GI strip, 125 mm long with 4 Nos. brass bolts, nuts check nuts and spring washers etc. complete as required. | Set | 92.43 | 12 | 1109.16 |</p>
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>6.14</td>
<td>Providing and laying GI tape, 32 mm x 6 mm thick from earth electrode directly in ground as required.</td>
<td>Metre</td>
<td>197.50</td>
<td>40</td>
<td>7900</td>
</tr>
<tr>
<td>6</td>
<td>5.3  Mkt rate</td>
<td>Earthing with GI. Earth plate 600 mm x 600 mm x 6 mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal or coke and salt complete as required.</td>
<td>Set</td>
<td>6313.68</td>
<td>20</td>
<td>126273.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 7:</strong></td>
<td></td>
<td></td>
<td></td>
<td>155889.12</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>SUB-HEAD 8 :EXTERNAL ELECTRICAL WORK</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>NS</td>
<td>Supplying and erection in position GI pipe 4.5M long fabricated with 60mm Indian class B-GI pipe with 300x300x6mm M.S. Plate including supply and erection of cement concrete foundation of 1:3:6 with collar and pole to be painted with one coat of redoxide</td>
<td>Each</td>
<td>3781.78</td>
<td>55</td>
<td>207997.63</td>
</tr>
<tr>
<td>2</td>
<td>NS</td>
<td>Supplying and fixing of Weather proof box made of hot moulded SMC sheet of SYNTEx or equivalent make of size 333mmX233mmX120mm complete with 4 Nos ofCU CONNECTOR of 63 A, 2 nos. cable gland, 2 nos. cables and also connection of the street light one 6A SP MCB complete in all respects.</td>
<td>Set</td>
<td>1296.54</td>
<td>55</td>
<td>71309.63</td>
</tr>
<tr>
<td>3</td>
<td>NS</td>
<td>Supplying and fixing of integrated post top lantern with 70W SON- lamp with holder complete with capacitor, ignator, holder with cover top including connection with 3x1.5sq.mm single core PVC insulated copper conductor cable form junction box to fixt</td>
<td>Each</td>
<td>4202.65</td>
<td>60</td>
<td>252158.78</td>
</tr>
<tr>
<td>4</td>
<td>5.7</td>
<td>Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/termination with GI thimble etc. as required</td>
<td>Metre</td>
<td>45.00</td>
<td>210</td>
<td>9450.00</td>
</tr>
<tr>
<td>5</td>
<td>11.6</td>
<td>Supplying and embedding following dia G.I. pipe (medium class) in pole collar/ foundation (during casting) for cable entry including bending the pipe to the required shape complete as required.</td>
<td></td>
<td>475.00</td>
<td>200</td>
<td>95000.00</td>
</tr>
<tr>
<td>11.6.2</td>
<td></td>
<td>40mm dia.</td>
<td>Metre</td>
<td>120.45</td>
<td>3200</td>
<td>385434.00</td>
</tr>
<tr>
<td>6</td>
<td>NS</td>
<td>Supplying of following sizes of PVC insulated PVC sheathed aluminium -XLPE conductor armoured underground cable 1.1 KV grade etc. as required.</td>
<td></td>
<td>200.32</td>
<td>700</td>
<td>140226.98</td>
</tr>
<tr>
<td>7</td>
<td>NS</td>
<td>Supplying and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.</td>
<td></td>
<td>226.95</td>
<td>1400</td>
<td>317729.48</td>
</tr>
<tr>
<td>7.1</td>
<td></td>
<td></td>
<td>Metre</td>
<td>312.00</td>
<td>2000</td>
<td>624000.00</td>
</tr>
<tr>
<td>7.2</td>
<td></td>
<td></td>
<td></td>
<td>378.00</td>
<td>1800</td>
<td>378000.00</td>
</tr>
<tr>
<td>8</td>
<td>NS</td>
<td>Supplying and laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size direct in ground in the same trench in one tier horizontal formation including excavation, sand cushioning, protective covering and refilling the trench etc as required.</td>
<td>Metre</td>
<td>210.00</td>
<td>1800</td>
<td>378000.00</td>
</tr>
<tr>
<td>7.2.1</td>
<td></td>
<td></td>
<td></td>
<td>37.00</td>
<td>50</td>
<td>1850.00</td>
</tr>
<tr>
<td>11</td>
<td>19.6 (DSR Civil)</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>Metre</td>
<td>372.00</td>
<td>60</td>
<td>22320.00</td>
</tr>
<tr>
<td>12</td>
<td>NS</td>
<td>Supplying fixing in position, testing and commissioning of the following front operated modular compartmentalised construction cubicle type, front access, dead back, 2mm thick steel enclosed free standing, dust and vermin proof, switchboard with IP43 protection of LEGRAND/JAKSON/ABB Make</td>
<td></td>
<td>27.00</td>
<td>50</td>
<td>1350.00</td>
</tr>
</tbody>
</table>

Balance BOQ

Page 26 of 28

Saisen Basti
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>Main Panel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>1 Nos. 250Amp 35 KA 4 P MCCB complete with thermal magnetic release having over current, short circuit protection. incomer shall be complete with following.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b)</td>
<td>Square flush mounting 0-250 Amp ammeter with 3 way and OFF selector switch.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c)</td>
<td>3 Nos. Cast resin current transformers of 250/5 ratio Class 1.0 for metering.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d)</td>
<td>Three phase indicating lamps (LED type) with MCB.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d)</td>
<td>Square flush mounting voltmeter 0-500 volt with 3 way and OFF selector switch.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUSBAR</td>
<td>Electrolytic high conductivity CU three phase and neutral busbars rated at 300 Amp having a maximum current density of 1 amp per sq.mm suitable to withstand symmetrical fault level of 25 MVA at 415 volts. The neutral busbar is to be of 100% capaci</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>OUTGOING UNITS</td>
<td>11 No. 100/63/50/40/3232Amp, 25 KA, 4P MCCB complete with Thermal-magnetic release having overcurrent, short circuit protection.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>Red ON indicating lamps.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b)</td>
<td>Terminals to receive XLPE insulated cables</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>1 No-32 A-TPMCB -CONTROLLING-9 NOS-10 A SP MCB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>NS</td>
<td>Supply, installation, testing and commissioning of floor mounted totally enclosed front operated cubical type Feeder Piller of Legrand/Jakson/ABB including civil work of 1:2:3 concrete of foundation uniform width suitable for used on 415V 25 KA fault level 3 phase 4 wire, 50</td>
<td>Set</td>
<td>351899.08</td>
<td>1</td>
<td>351899.08</td>
</tr>
<tr>
<td>a)</td>
<td>1 No100/-32A MCCB, 25 KA with thermal magnetic released and earth fault release.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b)</td>
<td>1 Set 100A Amps CU conductor bus bar in PVC sleeved.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outgoings</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>NS</td>
<td>Supply, installation, testing and commissioning of 40 KVA SILENT Diesel Generator set radiator cooled type suitable for AMF of 415V, 3 phase 4 wire, 0.8 pt. (lagging) 50c/s A,C supply complete with engine (1500 RPM) and alternator DG Set controller with accessories including residential type silencer and fuel service tank (internal) 250 litres capacity, battery and charger with all associated accessories, including standard set of tools and anti-vibration mounting pads, MCCB. The controller should be compatible for remote monitoring and data logging with digital voltage regulator through inbuilt AVR, digital governing + protective function. Complete In all respects.</td>
<td>Set</td>
<td>733266.00</td>
<td>1</td>
<td>733266</td>
</tr>
</tbody>
</table>

**SUB HEAD 8 :**

**SUB HEAD 9 :** DG SET
<table>
<thead>
<tr>
<th>SL NO</th>
<th>DSR NO.2012</th>
<th>DESCRIPTION OF ITEMS</th>
<th>Unit</th>
<th>Rate</th>
<th>Quantity</th>
<th>Amount (in Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>NS</td>
<td>Supplying and fixing of under noted 'B' class M.S. pipe for D.G. exhaust complete with bends, elbow, flanges etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>NS</td>
<td>100 mm dia pipe</td>
<td>Metre</td>
<td>3000.00</td>
<td>10</td>
<td>30000</td>
</tr>
<tr>
<td>3</td>
<td>NS</td>
<td>Supply and fixing of 50mm thick compressed mineral wool insulation for D.G. exhaust pipe with 26 gauge aluminium sheet cladding etc. as required for the under mentioned dia pipe.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>NS</td>
<td>100 mm dia pipe</td>
<td>Metre</td>
<td>1500.00</td>
<td>10</td>
<td>15000</td>
</tr>
<tr>
<td></td>
<td>NS</td>
<td>COPPER PLATE EARTHING STATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>5.6</td>
<td>Earthing with copper earth plate 600 mm X 600 mm X 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.</td>
<td>Set</td>
<td>13523.22</td>
<td>2</td>
<td>27046.44</td>
</tr>
<tr>
<td>6</td>
<td>5.8</td>
<td>Supplying and laying 25 mm X 5 mm copper strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of brass nut bolt &amp; spring washer spaced at 50mm)</td>
<td>Meter</td>
<td>3996.00</td>
<td>8</td>
<td>31968</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL SUBHEAD 9 :</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>837280.44</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total of Sub-heads 1 to 9 (Electrical Works)</td>
<td></td>
<td></td>
<td></td>
<td><strong>6572922.02</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TOTAL OF AGREEMENT ITEMS</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>66232023.89</strong></td>
</tr>
</tbody>
</table>
Balance work for Construction of Nakukcherra (Platoon level) near BP Ref:2327/M, Seisenbasti (Company level) near BP Ref:2326/M BOP’s along Indo-Bangladesh border in the state of Mizoram for Ministry of Home Affairs (Package-III)

<table>
<thead>
<tr>
<th>SL. NO.</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>QTY</th>
<th>COST PUT TO TENDER in Rs.</th>
<th>BIDDER'S PRICE % QUOTE ABOVE/AT PAR / BELOW</th>
<th>AMOUNT IN ` AFTER ADDING PERCENTAGE ABOVE/AT PAR / BELOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Balance work for Construction of Nakukcherra (Platoon level) BOP at near BP Ref:2327/M along Indo-Bangladesh border in the state of Mizoram</td>
<td>No</td>
<td>1</td>
<td>5,18,26,249.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Balance work for Construction of Saiencherra (Platoon level) BOP at near BP Ref:2324/7S along Indo-Bangladesh border in the state of Mizoram</td>
<td>No</td>
<td>1</td>
<td>DELETED</td>
<td>NOT APPLICABLE</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Balance work for Construction of Seisen Basti (Company level) BOP at near BP Ref:2326/MI along Indo-Bangladesh border in the state of Mizoram</td>
<td>No</td>
<td>1</td>
<td>5,07,02,952.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td></td>
<td></td>
<td>10,25,29,201.00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

BIDDER'S FINANCIAL OFFER:

In Figures

In Words

SEAL & SIGN