TENDER DOCUMENT

TENDER No.: NRO/MMD/JOKA/485

FOR

RENOVATION OF EXISTING EMPLOYEES STATE INSURANCE CORPORATION (ESIC) HOSPITAL AT JOKA- KOLKATA, WEST BENGAL

VOLUME – III

PRICE BID (Revision-1)

ENGINEERING PROJECTS (INDIA) LIMITED

(A GOVT. OF INDIA ENTERPRISE)

Core-3, Scope Complex, 7, Institutional Area,
Lodhi Road, New Delhi-110003
TEL NO: 011-24361666, 24366226 FAX NO: 011- 24363426
<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>DESCRIPTION</th>
<th>ESTIMATED COST (Rs.)</th>
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<th>Amount (-) Below / (+) Above Estimated Cost</th>
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<tr>
<td>A</td>
<td></td>
<td>SUB HEAD - I DISMANTLING</td>
<td></td>
<td></td>
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<tr>
<td>1</td>
<td></td>
<td>Dismantling tile work in floors, walls and roofs laid in cement mortar including stacking material within 50 metres lead</td>
<td>4200.00</td>
<td>Sqm</td>
<td>10.90</td>
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<tr>
<td></td>
<td>15.23.1</td>
<td>For thickness of tiles 10 mm to 25 mm.</td>
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<td>Demolishing cement concrete including disposal of material within 50 metres lead</td>
<td>10.00</td>
<td>Cum</td>
<td>368.45</td>
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<tr>
<td></td>
<td>15.2.1</td>
<td>1:3:6 or richer mix.</td>
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<td></td>
<td>15.2.2</td>
<td>1:4:8 leaner mix.</td>
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<td>3</td>
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<td>15.3 Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within 50 metres lead</td>
<td>5.00</td>
<td>Cum</td>
<td>537.55</td>
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<td>4</td>
<td></td>
<td>15.7.4 Demolishing brick work including stacking of serviceable material and disposal or unserviceable material within 50 metres lead</td>
<td>45.00</td>
<td>Cum</td>
<td>310.75</td>
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<tr>
<td>5</td>
<td></td>
<td>15.12.1 Dismantling doors, windows and clerestory windows (steel or wood ) shutter including chowkhat, architrave, holdfasts etc. complete and stacking within 50 metres lead</td>
<td>125.00</td>
<td>Each</td>
<td>54.60</td>
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<td>Of area 3 sq. metres and below.</td>
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<td>6</td>
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<td>15.18 Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead</td>
<td>500.00</td>
<td>Kg</td>
<td>0.85</td>
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<tr>
<td>7</td>
<td></td>
<td>15.26 Demolishing brick tile covering in terracing including stacking of serviceable material and disposal of unserviceable material within 50 m lead</td>
<td>1550.00</td>
<td>Sqm</td>
<td>15.45</td>
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<tr>
<td>8</td>
<td></td>
<td>15.27 Demolishing mud phaska in terracing and and disposal of material within 50 m lead</td>
<td>190.00</td>
<td>Cum</td>
<td>137.90</td>
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<td>SUB HEAD - II CONCRETE WORK</td>
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<tr>
<td>1</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work upto plinth level</td>
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<tr>
<td>4.1.8</td>
<td>1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) 25.00 cum 2449.00 61225.00</td>
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<tr>
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<th>SUB HEAD - III RCC WORK</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Reinforced cement concrete work in beams, suspended floors, shelves, chajjas, staircases upto floor v level excluding cost of reinforcement and centering and shuttering with 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)</td>
</tr>
<tr>
<td>a) 5.3 All work from plinth level upto floor V level 4.00 Cum 3673.85 14695.40</td>
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<tr>
<td>2 5.38 Extra for RCC work above floor V level for each four floor or part thereof. 4.00 Cum 92.90 371.60</td>
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</tr>
<tr>
<td>3</td>
<td>Centring and shuttering including strutting, propping etc. and removal of form for:</td>
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<tr>
<td>b) 5.9.3 Suspended floors, roofs, landings, balconies and access platform 50.00 Sqm 187.35 9367.50</td>
<td></td>
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<tr>
<td>c) 5.9.4 Shelves (Cast in situ) 75.00 Sqm 187.35 14051.25</td>
<td></td>
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<tr>
<td>d) 5.9.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers 25.00 Sqm 162.65 4066.25</td>
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<tr>
<td>4 5.22.6 Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete</td>
<td></td>
</tr>
<tr>
<td>a) Thermo-Mechanically Treated bars. 1120.00 Kg 42.70 47824.00</td>
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<th>SUB HEAD - IV BRICKWORK</th>
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<tbody>
<tr>
<td>1 6.4.1</td>
<td>Brick work in superstructure above plinth level upto floor V level in cement mortar 1:4. 33.00 Cum 2601.90 85862.70</td>
</tr>
<tr>
<td>2 6.5</td>
<td>Extra for brick work in superstructure above floor V level for each four floors or part thereof. 13.00 Cum 190.00 2470.00</td>
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<td>Description</td>
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<tr>
<td>3</td>
<td>Half brick masonry in superstructure above plinth level up to floor V level.</td>
</tr>
<tr>
<td>4</td>
<td>Extra for half brick work in superstructure above floor V level for each four floors or part thereof.</td>
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<tr>
<td>5</td>
<td>Extra for providing and placing in position 2 nos. 6 mm dia MS bars at every third coarse of half brick masonry.</td>
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**E**

**SUB HEAD - V STONE WORKS**

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<tr>
<td>1</td>
<td>Providing and fixing 18 mm thick gang saw cut mirror polished, machine cut for kitchen platforms, 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 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing etc. complete at all levels.</td>
<td>sqm</td>
<td>135</td>
<td>2575.10</td>
<td>347638.50</td>
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<td>2</td>
<td>Granite of any colour and shade area of slab over 0.50 sqm.</td>
<td>sqm</td>
<td>300.00</td>
<td>20.00</td>
<td>6000.00</td>
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<td>3</td>
<td>Stone tile work for wall lining up to 10 m height with special adhesive like araldite or equivalent over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) including pointing in white cement with an admixture of pigment to match the stone shade.</td>
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<td>4</td>
<td>Extra for stone work for wall lining on exterior walls of height more than 10 m from ground level for every additional height of 3 m or part.</td>
<td>Sqm</td>
<td>160.00</td>
<td>1043.75</td>
<td>167000.00</td>
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**F**

**SUB HEAD - VI ALUMINIUM/WOOD WORKS**

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<tr>
<td>1</td>
<td>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position.</td>
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<td></td>
<td>Description</td>
<td>Quantity</td>
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<td>2</td>
<td>Providing and fixing ISI marked flush door shutters decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.</td>
<td>6.00</td>
<td>Cum</td>
<td>52090.00</td>
<td>312540.00</td>
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<td>35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws.</td>
<td>280.00</td>
<td>sqm</td>
<td>1473.50</td>
<td>412580.00</td>
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<td>Providing and fixing factory made PVC door frame of size 50x47 mm with a shutters from M.S. tube of 19 guage thickness, size 19x19 mm for styles and</td>
<td>440</td>
<td>metre</td>
<td>353.10</td>
<td>155364.00</td>
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<td>4</td>
<td>providing and fixing anodised aluminium work for doors, windows, ventilators For fixed portion</td>
<td>165</td>
<td>Sqm</td>
<td>2109.95</td>
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<td>a) 21.1.1.2 Powder coated aluminium (minimum thickness of powder coating 50 micron)</td>
<td>5200</td>
<td>Kg</td>
<td>306.30</td>
<td>1592760.00</td>
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<td>b) For shutters of doors, windows &amp; ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately.)</td>
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<td>21.1.2.2 Powder coated aluminium (minimum thickness of powder coating 50 micron)</td>
<td>10400</td>
<td>Kg</td>
<td>326.60</td>
<td>3396640.00</td>
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<td>Providing and fixing 12mm thick prelaminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS : 12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineer-in-charge.</td>
<td>500</td>
<td>Sqm</td>
<td>812.60</td>
<td>40630.00</td>
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<td>6</td>
<td>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item.)</td>
<td>500</td>
<td>Sqm</td>
<td>673.55</td>
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<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-</td>
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<td>9.9.7</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</td>
<td>250 X 10 mm</td>
<td>200 each</td>
<td>62.20</td>
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<td>9.9.7</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</td>
<td>200X 10 mm</td>
<td>200 each</td>
<td>52.00</td>
</tr>
<tr>
<td>3</td>
<td>9.9.7</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</td>
<td>150x10mm</td>
<td>450 each</td>
<td>42.75</td>
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<td>4</td>
<td>9.100</td>
<td>Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of Aluminium lever handles with necessary screws etc. complete (best make of approved quality)</td>
<td>125 mm</td>
<td>400 each</td>
<td>48.80</td>
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<td>5</td>
<td>9.100</td>
<td>Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of Aluminium lever handles with necessary screws etc. complete (best make of approved quality)</td>
<td>100 mm</td>
<td>225 each</td>
<td>35.30</td>
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<td>6</td>
<td>9.103</td>
<td>Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of Aluminium lever handles with necessary screws etc. complete (best make of approved quality)</td>
<td>125 mm</td>
<td>200 each</td>
<td>435.90</td>
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<td>SUB HEAD-VII FLOORING</td>
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<td>8</td>
<td>11.23.2</td>
<td>Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with:</td>
<td>Raj nagar Plain</td>
<td>140 sqm</td>
<td>892.15</td>
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<td>9</td>
<td>11.23.5</td>
<td>Udaipur green marble</td>
<td>300 sqm</td>
<td>1112.55</td>
<td>33765.00</td>
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<td>10</td>
<td>11.24</td>
<td>Extra for pre finished nosing to treads of steps of stonemarble stone</td>
<td>600 m</td>
<td>105.2</td>
<td>63120.00</td>
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<td>11</td>
<td>11.39</td>
<td>Providing and fixing rectified glazed floor tiles 300x300mm 1st quality conforming to IS: 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size laid over 20 mm thick bed of cement Mortar 1:4 (1 cement: 4 coarse sand) and jointing with white cement slurry and matching pigment complete</td>
<td>275 Sqm</td>
<td>759.9</td>
<td>208972.50</td>
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<td>12</td>
<td>11.36</td>
<td>Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge in skirting, risers of steps and dados over 12 mm thick bed of cement Mortar 1:3 (1 cement: 3 coarse sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement mixed with pigment of matching shade complete.</td>
<td>3900 Sqm</td>
<td>556.6</td>
<td>2170740.00</td>
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Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption’s less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.

| 11.41.2 Size of Tile 60x60 cm | 3460 | Sqm | 1031.85 | 3570201.00 |

**H**  
**SUB HEAD - VIII - Finishing**

1. **12mm cement plaster of mix:**
   a) 13.1.1 1:4 (1 cement : 4 fine sand) 1800.00 sqm 77.55 139590.00

2. **15mm cement plaster of mix:**
   a) 13.2.1 1:4 (1 cement : 4 fine sand) 1800.00 sqm 90.35 162630.00
   b) 6mm cement plaster to ceiling of mix:
      13.16 1:3 (1 cement : 3 fine sand) 100.00 sqm 62.15 6215.00
   c) 20 mm cement plaster of mix:
      13.3 1:4 (1 cement : 4 fine sand) 400.00 sqm 110.45 44180.00

3. Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade.
   13.41 New work (two or more coats) over and including priming coat with cement primer.
       300.00 sqm 41.55 12465.00

4. White washing with lime to give an even shade
   a) 13.37 New work (three or more coats) 300.00 sqm 6.75 2025.00

5. Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade.
   a) 13.60 Two or more coats on new work.
       15000 sqm 40.05 600750.00

6. Painting with synthetic enamel paint of approved brand and manufacture to give an even shade.
   a) 13.61 Two or more coats on new work.
       600.00 sqm 35.35 21210.00

7. 13.50.2 Applying priming coat with ready mixed aluminium primer of approved brand and manufacture on resinous wood and ply wood
   100.00 sqm 15.75 1575.00
<table>
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<th>Description</th>
<th>Quantity</th>
<th>Rate</th>
<th>Amount</th>
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<tr>
<td>8</td>
<td>French spirit polishing two or more coats on new works including a coat of wood filler complete</td>
<td>650 sqm</td>
<td>75.6</td>
<td>49140.00</td>
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<tr>
<td>9</td>
<td>Applying priming coat with ready mixed zinc chromate yellow primer of approved brand and manufacture on steel, galvanised iron/steel works</td>
<td>200 sqm</td>
<td>12.65</td>
<td>2530.00</td>
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<td>10</td>
<td>Applying walls with textured exterior paint</td>
<td>200.00 sqm</td>
<td>96.25</td>
<td>19250.00</td>
</tr>
<tr>
<td></td>
<td><strong>I SUB HEAD - IX - Miscellaneous</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS : 2645 over the RCC slab including cleaning the surface before treatment.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2) Laying cement concrete using broken bricks/bricks bats 25mm to 100mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound conforming to IS : 2645 over 20 mm thick layer cement mortar of mix 1:5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3) After two days of proper curing applying second coat of cement slurry admixed with proprietary water proofing compound conforming to IS : 2645.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with proprietary water proofing compound conforming to IS : 2645 and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300mm square 3mm deep.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5) The whole terrace finished shall be flooded with water for a minimum period of two weeks for curing and final test. All above operations to be done in order and as directed and specified by the Engineer-in-charge.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>22.7 with average thickness of 120 mm and minimum thickness at khurra as 65 mm. (only plan area to be measured for payment.</td>
<td>1550 Sqm</td>
<td>541.50</td>
<td>839325.00</td>
</tr>
</tbody>
</table>
2 22.3 Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portion of toilet and kitchen and the like consisting of: 1). First course of applying cement slurry @ 4.4 Kg. / sq. m. mixed with water proofing compound, 2). Second course of 20mm Cement plaster 1:3 mixed with WP compound, 3). Ilrd course of appling blown or residual bitumen at 1.7 Kg/Sqm, 4). IVth course of 400 micron PVC sheet

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portion of toilet and kitchen and the like consisting of: 1). First course of applying cement slurry @ 4.4 Kg. / sq. m. mixed with water proofing compound, 2). Second course of 20mm Cement plaster 1:3 mixed with WP compound, 3). Ilrd course of appling blown or residual bitumen at 1.7 Kg/Sqm, 4). IVth course of 400 micron PVC sheet</td>
<td></td>
<td>1400.00</td>
<td>Sqm 272.50</td>
</tr>
</tbody>
</table>

3 12.21 Providing gola 75 X 75 mm in cement concrete 1:2:4 including finishing in cement mortar 1:3 as per standard design in 75*75mm deep chase.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providing gola 75 X 75 mm in cement concrete 1:2:4 including finishing in cement mortar 1:3 as per standard design in 75*75mm deep chase.</td>
<td></td>
<td>450</td>
<td>Rm 67.35</td>
</tr>
</tbody>
</table>

4 12.22 Making khurras 45x45cm with average minimum thickness of 5 cm cement concrete 1:2:4(1cement:2coarsesand:4 graded stone aggregate) over PVC sheet 1mx1mx400 micron finished with 12mm cement plaster 1:3 and a coat of neat cement rounding the edges.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Making khurras 45x45cm with average minimum thickness of 5 cm cement concrete 1:2:4(1cement:2coarsesand:4 graded stone aggregate) over PVC sheet 1mx1mx400 micron finished with 12mm cement plaster 1:3 and a coat of neat cement rounding the edges.</td>
<td></td>
<td>40</td>
<td>Each 108.00</td>
</tr>
</tbody>
</table>

5 1.1.1 Carriage of materials building rubbish by mechanical transport including loading, unloading and stacking up to 10 kms

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carriage of materials building rubbish by mechanical transport including loading, unloading and stacking up to 10 kms</td>
<td></td>
<td>100</td>
<td>Cum 84.54</td>
</tr>
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**TOTAL SCHEDULE ITEMS** (IN Rs.)(A) 16867446.95

**TOTAL COST SCHEDULE ITEMS (C)** 16867446.95

**Non Schedule Item**

1 Providing and fixing stainless steel railing in staircases, etc. of approved specifications and design complete.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providing and fixing stainless steel railing in staircases, etc. of approved specifications and design complete.</td>
<td></td>
<td>85</td>
<td>sqm 5000</td>
</tr>
</tbody>
</table>

2 Providing and fixing wire mesh in aluminium, window, ventilator shutters etc complete as per the architectural drawings and the directions of engineer-in-charge

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providing and fixing wire mesh in aluminium, window, ventilator shutters etc complete as per the architectural drawings and the directions of engineer-in-charge</td>
<td></td>
<td>250</td>
<td>Sqm 235</td>
</tr>
</tbody>
</table>

3 Providing/Applying plaster of POP on plaster face of walls, thickness of POP to be 10 mm average including hacking of plastered face of wall, finishing smooth to line, level and plumb ready to take on paint finish, etc. complete and as directed.

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Providing/Applying plaster of POP on plaster face of walls, thickness of POP to be 10 mm average including hacking of plastered face of wall, finishing smooth to line, level and plumb ready to take on paint finish, etc. complete and as directed.</td>
<td></td>
<td>14000</td>
<td>sqm 110</td>
</tr>
</tbody>
</table>

**TOTAL (D)** 2023750.00

**GRAND TOTAL [C+D]** 18891196.95
PLUMBING WORKS

(PAGE NO : 1-4)
<table>
<thead>
<tr>
<th>SL. NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>Qty.</th>
<th>UNIT</th>
<th>Rate</th>
<th>Amount (Rs.)</th>
<th>DSR'07</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Schedule Items</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level flushing cistern with fittings &amp; C.I./M.S. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required :</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>W.C. pan with ISI marked white solid plastic seat and lid with white vitreous china flushing cistern &amp; C.P. flush bend.</td>
<td>70</td>
<td>each</td>
<td>2152.50</td>
<td>150675.00</td>
<td>17.2</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing Salem stainless steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required.</td>
<td>8</td>
<td>each</td>
<td>3439.20</td>
<td>27513.60</td>
<td>17.10.2</td>
</tr>
<tr>
<td></td>
<td>Kitchen sink without drain board 610x460x200mm</td>
<td>1</td>
<td></td>
<td>3439.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing white vitreous china flat back stall urinal of 580X380X350 mm with white PVC automatic flushing cistern Paryware/Hindware/SeaBird/Orient (Coral) with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS: 2556, C.I. trap with outlet grating and other couplings in C.P. brass including painting of fittings and brackets, cutting and making good the walls and floors wherever required.</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Single half stall urinals with 5 litres P.V.C. flushing cistern.</td>
<td>0</td>
<td>each</td>
<td>3720.30</td>
<td>0.00</td>
<td>17.5</td>
</tr>
<tr>
<td>4</td>
<td>Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard b. ground fixed to wooden cleats with C.P. brass screws and washers complete.</td>
<td>48</td>
<td>each</td>
<td>493.65</td>
<td>23695.20</td>
<td>17.31</td>
</tr>
<tr>
<td></td>
<td>Rectangular shape 600x450 mm.</td>
<td>1</td>
<td></td>
<td>493.65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.</td>
<td>48</td>
<td>each</td>
<td>42.15</td>
<td>2032.20</td>
<td>17.28</td>
</tr>
<tr>
<td>a</td>
<td>Semi rigid pipe</td>
<td>48</td>
<td>each</td>
<td>42.15</td>
<td>2022.20</td>
<td>17.28.1</td>
</tr>
<tr>
<td>b</td>
<td>46 mm dia</td>
<td>6</td>
<td>each</td>
<td>47.95</td>
<td>287.70</td>
<td>17.28.1.2</td>
</tr>
<tr>
<td>c</td>
<td>32 mm dia</td>
<td>1</td>
<td></td>
<td>47.95</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Providing and fixing C.P.brass bib cock of approved quality conforming to IS:8931 15mm nominal bore bib cock</td>
<td>80</td>
<td>each</td>
<td>313.10</td>
<td>25048.00</td>
<td>18.48</td>
</tr>
<tr>
<td></td>
<td>15mm nominal bore bib cock</td>
<td>1</td>
<td></td>
<td>313.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 660 gms.</td>
<td>30</td>
<td>each</td>
<td>315.80</td>
<td>9474.00</td>
<td>18.51.1</td>
</tr>
<tr>
<td>8</td>
<td>Providing and fixing C.P.brass stop cock (concealed) of standard design and of approved make conforming to IS:8931</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>18.52</td>
</tr>
<tr>
<td>SL. NO.</td>
<td>DESCRIPTION OF ITEM</td>
<td>Qty.</td>
<td>UNIT</td>
<td>Rate</td>
<td>Amount (Rs.)</td>
<td>DSR'07</td>
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<tr>
<td>--------</td>
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<td>--------</td>
</tr>
<tr>
<td>1</td>
<td>15mm nominal bore concealed stop cock</td>
<td>10</td>
<td>Each</td>
<td>313.10</td>
<td>3131.00</td>
<td>18.52.1</td>
</tr>
<tr>
<td>9</td>
<td>Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality confirming to IS:8931 a)15mm nominal bore</td>
<td>325</td>
<td>Each</td>
<td>347.65</td>
<td>112986.25</td>
<td>18.53.1</td>
</tr>
<tr>
<td>10</td>
<td>Providing and fixing unplasticised PVC connection pipe with brass unions</td>
<td>45 cm length</td>
<td>18.21.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>15 mm nominal bore</td>
<td>325</td>
<td>Each</td>
<td>44.75</td>
<td>14543.75</td>
<td>18.21.2.1</td>
</tr>
<tr>
<td>11</td>
<td>Providing and fixing C.P. brass Toilet paper holder</td>
<td>70</td>
<td>Each</td>
<td>147.10</td>
<td>10297.00</td>
<td>17.34.1</td>
</tr>
<tr>
<td>12</td>
<td>Providing and fixing C.P. brass shower rose with 15 or 20mm inlet</td>
<td>5</td>
<td>Each</td>
<td>56.80</td>
<td>279.00</td>
<td>18.22.2</td>
</tr>
<tr>
<td>13</td>
<td>Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) 75mm in bed and around C.I. (uPVC Soil and waste pipe (embedded in the flooring / ground)</td>
<td>90 mm OD</td>
<td>18.11.1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) 110 mm OD</td>
<td>155</td>
<td>Metre</td>
<td>220.20</td>
<td>33715.00</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Concealed pipe including painting with anti corrosive bituminastic paint cutting chases and making good the walls etc.</td>
<td>250</td>
<td>Metre</td>
<td>144.75</td>
<td>36187.50</td>
<td>18.11.1</td>
</tr>
<tr>
<td></td>
<td>b) 20 mm dia. Nominal bore</td>
<td>155</td>
<td>Metre</td>
<td>170.60</td>
<td>26443.00</td>
<td>18.11.2</td>
</tr>
<tr>
<td></td>
<td>c) 25 mm dia nominal bore</td>
<td>60</td>
<td>Metre</td>
<td>222.20</td>
<td>13121.00</td>
<td>18.11.1</td>
</tr>
<tr>
<td></td>
<td>d) 32 mm dia nomina bore</td>
<td>70</td>
<td>Metre</td>
<td>267.30</td>
<td>18711.00</td>
<td>18.78</td>
</tr>
<tr>
<td></td>
<td>e) 40 mm dia nominal bore</td>
<td>30</td>
<td>Metre</td>
<td>305.90</td>
<td>9177.00</td>
<td>18.78</td>
</tr>
<tr>
<td></td>
<td>f) 50 mm dia nominal bore(from FD to FT)</td>
<td>10</td>
<td>Metre</td>
<td>385.65</td>
<td>3856.50</td>
<td>18.78</td>
</tr>
<tr>
<td>15</td>
<td>Providing and fixing GI pipes complete with fittings including trenching and refilling etc (internal work) Exposed on wall</td>
<td>15 mm dia. Nominal bore</td>
<td>18.10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) 20 mm dia. Nominal bore</td>
<td>50</td>
<td>Metre</td>
<td>133.85</td>
<td>6692.50</td>
<td>18.10.2</td>
</tr>
<tr>
<td></td>
<td>c) 25 mm dia. Nominal bore</td>
<td>50</td>
<td>Metre</td>
<td>179.65</td>
<td>8982.50</td>
<td>18.10.3</td>
</tr>
<tr>
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<td>d) 32 mm dia. Nominal bore</td>
<td>75</td>
<td>Metre</td>
<td>226.10</td>
<td>16957.00</td>
<td>18.10.4</td>
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<tr>
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<td>e) 40 mm dia. nominal bore</td>
<td>75</td>
<td>Metre</td>
<td>204.05</td>
<td>19803.75</td>
<td>18.10.5</td>
</tr>
<tr>
<td></td>
<td>f) 50mm dia. nominal bore</td>
<td>50</td>
<td>Metre</td>
<td>342.90</td>
<td>17143.00</td>
<td>18.10.6</td>
</tr>
<tr>
<td>16</td>
<td>Painting G.I. pipes and fittings with synthetic enamel white paint over a ready mixed priming coat, both of approved quality for new work</td>
<td>15 mm diameter pipe</td>
<td>18.38</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) 20 mm diameter pipe</td>
<td>50</td>
<td>Metre</td>
<td>5.65</td>
<td>282.50</td>
<td>18.38.2</td>
</tr>
<tr>
<td></td>
<td>c) 25 mm diameter pipe</td>
<td>50</td>
<td>Metre</td>
<td>7.45</td>
<td>372.50</td>
<td>18.38.3</td>
</tr>
<tr>
<td></td>
<td>d) 32 mm diameter pipe</td>
<td>75</td>
<td>Metre</td>
<td>8.75</td>
<td>656.25</td>
<td>18.38.4</td>
</tr>
<tr>
<td></td>
<td>e) 40 mm diameter pipe</td>
<td>75</td>
<td>Metre</td>
<td>10.40</td>
<td>780.00</td>
<td>18.38.5</td>
</tr>
<tr>
<td></td>
<td>f) 50 mm diameter pipe</td>
<td>50</td>
<td>Metre</td>
<td>12.20</td>
<td>510.00</td>
<td>18.38.6</td>
</tr>
<tr>
<td>17</td>
<td>Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)</td>
<td>15mm nominal bore</td>
<td>18.17.7</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 15mm nominal bore</td>
<td>2</td>
<td>Each</td>
<td>200.00</td>
<td>400.00</td>
<td>18.17.7</td>
</tr>
<tr>
<td></td>
<td>b) 20mm nominal bore</td>
<td>5</td>
<td>Each</td>
<td>225.00</td>
<td>1125.00</td>
<td>18.17.7</td>
</tr>
<tr>
<td></td>
<td>c) 25 mm nominal bore</td>
<td>10</td>
<td>Each</td>
<td>285.50</td>
<td>2855.00</td>
<td>18.17.7</td>
</tr>
<tr>
<td></td>
<td>d) 32 mm nominal bore</td>
<td>25</td>
<td>Each</td>
<td>358.00</td>
<td>8950.00</td>
<td>18.17.7</td>
</tr>
<tr>
<td>SL. NO.</td>
<td>DESCRIPTION OF ITEM</td>
<td>Qty.</td>
<td>UNIT</td>
<td>Rate</td>
<td>Amount (Rs.)</td>
<td>DSR'07</td>
</tr>
<tr>
<td>---------</td>
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<td>------</td>
<td>------</td>
<td>------</td>
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<td>--------</td>
</tr>
<tr>
<td>e</td>
<td>40 mm nominal bore</td>
<td>5</td>
<td>Each</td>
<td>399.00</td>
<td>1995.00</td>
<td>18.17.3</td>
</tr>
<tr>
<td>f</td>
<td>50 mm nominal bore</td>
<td>5</td>
<td>Each</td>
<td>578.20</td>
<td>2891.00</td>
<td>18.17.4</td>
</tr>
<tr>
<td>g</td>
<td>65 mm nominal bore</td>
<td>0</td>
<td>Each</td>
<td>831.75</td>
<td>0.00</td>
<td>18.17.5</td>
</tr>
<tr>
<td>h</td>
<td>80 mm nominal bore</td>
<td>0</td>
<td>Each</td>
<td>1369.25</td>
<td>0.00</td>
<td>18.17.6</td>
</tr>
<tr>
<td>18</td>
<td>Providing and fixing square-mouth S.W. gully trap grade A complete with C.I. grating brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:</td>
<td>5</td>
<td>Each</td>
<td>1060.15</td>
<td>5300.75</td>
<td>18.4.2</td>
</tr>
<tr>
<td></td>
<td>With Sewer bricks conforming to IS : 4885</td>
<td>5</td>
<td>Each</td>
<td>1060.15</td>
<td>5300.75</td>
<td>18.4.2</td>
</tr>
<tr>
<td>19</td>
<td>Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand ) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design:</td>
<td>5</td>
<td>Each</td>
<td>1060.15</td>
<td>5300.75</td>
<td>18.4.2</td>
</tr>
<tr>
<td>A</td>
<td>Inside size 90x50cm and 45cm deep including C.I. cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38kg (weight of cover 23kg and weight of frame 15 kg)</td>
<td>7</td>
<td>Each</td>
<td>5640.50</td>
<td>39483.50</td>
<td>19.7.1</td>
</tr>
<tr>
<td></td>
<td>With Sewer bricks conforming to IS : 4885</td>
<td>7</td>
<td>Each</td>
<td>5640.50</td>
<td>39483.50</td>
<td>19.7.1</td>
</tr>
<tr>
<td>Total of Schedule Items</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>672937.35</td>
</tr>
<tr>
<td>Grand Total of Schedule Items (A)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>672937.35</td>
</tr>
<tr>
<td>B Non-Schedule Items</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing white glazed vitreous China wash basin (as mentioned below) with 15mm dia cp brass bib taps for cold &amp; hot, 32 mm dia C.P. brass waste of standard pattern, 32 mm dia cast brass bottle trap, 32 mm dia C.P pipe and CP wall flange, C.I. painted brackets, bolts, nuts etc. cutting &amp; making holes in walls, floors &amp; making good.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>Oval Wash basin (Size - 560 mm x 450 mm) with a pair of 15 mm C.P. brass pillar taps as per drawings</td>
<td>48</td>
<td>each</td>
<td>2200.00</td>
<td>105600.00</td>
<td>19.7.1</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing on wall face unplasticised - Rigid PVC SWR pipes and PVC moulded fittings/accessories for unplasticised Rigid PVC conforming to IS : 1392 Type A including jointing with seal ring conforming to IS : 5392 leaving 10 mm gap for thermal expansion. (i) Single socketed pipes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>110 mm OD</td>
<td>630</td>
<td>mtr</td>
<td>210.00</td>
<td>132300.00</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>90 mm OD</td>
<td>45</td>
<td>mtr</td>
<td>155.00</td>
<td>6975.00</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td>150 mm OD</td>
<td>10</td>
<td>mtr</td>
<td>450.00</td>
<td>4500.00</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing uPVC Floor trap P trap of self cleansing design and 50mm water seal with or without vent arm complete, including cost of cutting and making good the walls and floors :</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SL. NO.</td>
<td>DESCRIPTION OF ITEM</td>
<td>Qty.</td>
<td>UNIT</td>
<td>Rate</td>
<td>Amount (Rs.)</td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------------------</td>
<td>------</td>
<td>------</td>
<td>------</td>
<td>--------------</td>
<td></td>
</tr>
<tr>
<td>a</td>
<td>110 mm inlet and 110 mm outlet.</td>
<td>75</td>
<td>each</td>
<td>350.00</td>
<td>26250.00</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td>110 mm inlet and 75 mm outlet.</td>
<td>1</td>
<td>each</td>
<td>200.00</td>
<td>200.00</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Providing and fixing straight/offset type flexible single body push fit type uPVC WC Pan Connector with factory supplied seal guard with integrated single mould/sealing including bush/adaptor for use with CI/uPVC Pipe as supplied with Pan Connector (For European water closet).</td>
<td>70</td>
<td>each</td>
<td>200.00</td>
<td>14000.00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Providing &amp; fixing 4 mm thick CP brass hinged grating with rim of approved design including setting in floor with cement mortar</td>
<td>125 mm dia</td>
<td>75</td>
<td>each</td>
<td>225.00</td>
<td>16875.00</td>
</tr>
<tr>
<td>b</td>
<td>88 mm dia</td>
<td>5</td>
<td>each</td>
<td>150</td>
<td>750.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Providing and fixing floor drain with 85mm x 60mm x 75mm elbow with cement mortar, complete in all respects</td>
<td>5</td>
<td>each</td>
<td>250</td>
<td>1250.00</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Providing and fixing CP Brass copper inlet connection of size 15mm nominal bore 45cm length with brass unions.</td>
<td>100</td>
<td>each</td>
<td>225.00</td>
<td>22500.00</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Providing and fixing, testing and commissioning of vertical storage type hot water heater fixed to wall with anchor bolts &amp; nuts, 20mm CP brass cock and 20mm non return valve complete including making connection with 15 mm dia CP connecting pipe on Inlet and Outlet, suitable length of power cable and 15A plug.</td>
<td>Capacity 15 liters</td>
<td>1</td>
<td>each</td>
<td>4500.00</td>
<td>4500.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Capacity 25 liters</td>
<td>50</td>
<td>each</td>
<td>7500.00</td>
<td>37500.00</td>
</tr>
<tr>
<td></td>
<td>Total of Non-Schedule Items (B)</td>
<td></td>
<td></td>
<td>710700.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>G.TOTAL (A+B)</td>
<td></td>
<td></td>
<td>1383637.35</td>
<td>13.83 Lacs</td>
<td></td>
</tr>
</tbody>
</table>
ELECTRICAL WORKS

(PAGE NO :1-8)
## SCHEDULE OF QUANTITIES FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF ELECTRICAL WORKS FOR PROPOSED RENOVATION OF EXISTING HOSPITAL FOR PG AT ESIC HOSPITAL AT JOKA.

### SUMMARY OF COST - INTERNAL ELECTRICAL WORKS

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>SUB-HEAD</th>
<th>DESCRIPTION</th>
<th>AMOUNT (RS.)</th>
<th>AS PER DSR-2007</th>
<th>MARKET RATE</th>
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<tbody>
<tr>
<td>1</td>
<td>SUB-HEAD - I</td>
<td>INTERNAL WIRING</td>
<td>RS. 2403861.50</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SUBHEAD-II</td>
<td>FANS &amp; LIGHT FIXTURES</td>
<td>RS. 0.00</td>
<td>2160418.49</td>
<td></td>
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<tr>
<td>3</td>
<td>SUBHEAD-III</td>
<td>M.V. PANELS/ DISTRIBUTION BOARD</td>
<td>RS. 1020.00</td>
<td>583801.60</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SUBHEAD-IV</td>
<td>L.T. CABLES</td>
<td>RS. 68496.00</td>
<td>388095.61</td>
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</tr>
<tr>
<td>5</td>
<td>SUBHEAD- V</td>
<td>EARTHING</td>
<td>RS. 28316.00</td>
<td>0.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>SUBHEAD- VI</td>
<td>T.V., TELEPHONE SYSTEM &amp; LAN SYSTEM</td>
<td>RS. 346885.00</td>
<td>494252.58</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SUBHEAD- VII</td>
<td>FIRE DETECTION SYSTEM</td>
<td>RS. 0.00</td>
<td>1631967.66</td>
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</tr>
<tr>
<td></td>
<td>TOTAL</td>
<td></td>
<td>RS. 2848578.50</td>
<td>5258535.93</td>
<td></td>
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<tr>
<td></td>
<td>GRAND TOTAL</td>
<td></td>
<td></td>
<td>8107114.43</td>
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</tr>
</tbody>
</table>
### SCHEDULE OF QUANTITIES FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF ELECTRICAL WORKS FOR PROPOSED RENOVATION OF EXISTING HOSPITAL FOR PG AT ESIC HOSPITAL AT JOKA.

#### SCHEDULE OF QUANTITIES

<table>
<thead>
<tr>
<th>S.NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007 RATE (RS.)</th>
<th>AS PER DSR - 2007 AMOUNT (RS.)</th>
<th>AS PER MARKET RATE RATE (RS.)</th>
<th>AS PER MARKET RATE AMOUNT (RS.)</th>
<th>COMMENTS</th>
</tr>
</thead>
</table>

#### SUB-HEAD - I : INTERNAL WIRING

- Rates of only ISI marked PVC conduit, FR PVC insulated multi-stranded copper conductor single core cables, modular plate type switches and socket outlets in M.S. box of 18 SWG and earth wire have been taken in the following items unless and otherwise specified, only such conduits, cables switches and socket outlets shall be used in the work as per list of approved makes attached with tender documents.

1. Wiring for Light /Ceiling Fan / Exhaust Fan / Call Bell point with 1.5 sq.mm FR PVC insulated multi-stranded copper conductor cable in surface / recessed PVC 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.

   a) Group - C  
   
   **Point**  
   
   QTY: 774  
   
   RATE (RS.): 426  
   
   AMOUNT (RS.): 329724  
   
   DSR-2007-1.10

2. Wiring for light/exhaust fan point with 1.5 sq.mm FR PVC insulated multi-stranded copper conductor cable in surface / recessed PVC conduit as required. (Point shall be controlled/loop from existing point).

   **Point**  
   
   QTY: 110  
   
   RATE (RS.): 426  
   
   AMOUNT (RS.): 46860  
   
   DSR-2007-1.10

3. Wiring for Light plug 2 x 1.5 sq.mm FR PVC insulated multi-stranded copper conductor, single core cable in recessed ISI marked PVC conduit along with 1 No. 1.5 sq.mm FR PVC insulated copper earth wire for loop earthing as required.

   **Metre**  
   
   QTY: 2940  
   
   RATE (RS.): 71  
   
   AMOUNT (RS.): 208740  
   
   DSR-2007-1.14.1

4. Wiring for power plug 2 x 4 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in surface / recessed PVC conduit along with 1 No. 4 sq.mm FR PVC insulated copper earth wire for loop earthing as required.

   **Metre**  
   
   QTY: 3000  
   
   RATE (RS.): 97  
   
   AMOUNT (RS.): 291000  
   
   DSR-2007-1.14.3

5. Wiring for power plug with 2 x 6 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in surface / recessed PVC conduit along with 1 No. 6 sq.mm FR PVC insulated copper earth wire for loop earthing as required.

   **Metre**  
   
   QTY: 3450  
   
   RATE (RS.): 127  
   
   AMOUNT (RS.): 438150  
   
   DSR-2007-1.14.4

6. Wiring for power plug with 4 x 6 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in surface / recessed PVC conduit along with 2Nos. 6 sq.mm PVC insulated solid copper earth wire for loop earthing as required.

   **Metre**  
   
   QTY: 0  
   
   RATE (RS.): 207  
   
   AMOUNT (RS.): 0  
   
   DSR-2007-1.14.10

7. Wiring for power plug with 2 x 10 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in surface / recessed PVC conduit along with 1 No. 10.0 sq.mm FR PVC insulated copper earth wire for loop earthing as required.

   **Metre**  
   
   QTY: 0  
   
   RATE (RS.): 171  
   
   AMOUNT (RS.): 0  
   
   DSR-2007-1.14.5

8. Wiring for aviation obstruction light point with 2 x 4 sq.mm FR PVC insulated multi-stranded copper conductor cable with 1 No. 4.0 sq.mm FR PVC insulated solid copper earth wire for earthing in recessed / surface PVC conduit with inspection bend, junction boxes etc. controlled from aviation light panel.

   **Metre**  
   
   QTY: 240  
   
   RATE (RS.): 97  
   
   AMOUNT (RS.): 23280  
   
   DSR-2007-1.14.3

9. Supplying and fixing of M.S. box of 18 SWG in recessed including providing and fixing modular plate type 6 pin 8 Amp socket outlet, 8 Amp switch and plug top including connections, an painting etc. as required. (Light Plug).

   **Each**  
   
   QTY: 196  
   
   RATE (RS.): 160  
   
   AMOUNT (RS.): 31360  
   
   DSR-2007-1.31

10. Supplying and fixing of M.S. box of 18 SWG in recessed including providing and fixing modular plate type Universal 6 pin 16 Amp socket outlet, 16 Amp switch and plug top including connections, and painting etc. as required. (Power Plug).

    **Each**  
    
    QTY: 150  
    
    RATE (RS.): 214  
    
    AMOUNT (RS.): 32100  
    
    DSR-2007-1.32

11. Supplying and fixing of M.S. box of 18 SWG in recessed including providing and fixing modular plate type 5 pin, 6 Amps socket outlet without switch with plug top complete including connections, and painting etc. as required. (Exit / Emergency Light Points).

    **Each**  
    
    QTY: 15  
    
    RATE (RS.): 160  
    
    AMOUNT (RS.): 2400  
    
    DSR-2007-1.31

12. Wiring for circuit wiring with 2 x 2.5 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in surface / recessed PVC conduit as required.

    **Metre**  
    
    QTY: 1658  
    
    RATE (RS.): 81  
    
    AMOUNT (RS.): 134357.5  
    
    DSR-2007-1.14.2

---

**ESIC HOSPITAL AT JOKA**

Internal Electrification
### Schedule of Quantities

#### Schedule of Quantities for Supply, Erection, Testing and Commissioning of Electrical Works for Proposed Renovation of Existing Hospital for PG at ESIC Hospital at Joka.

<table>
<thead>
<tr>
<th>S.NO</th>
<th>Description of Item</th>
<th>Unit</th>
<th>QTY</th>
<th>AS Per DSR - 2007</th>
<th>As per Market Rate</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rate (Rs.)</td>
<td>Amount (Rs.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Rate (Rs.)</td>
<td>Amount (Rs.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Wiring for group light points with 2 x 2.5 sq.mm FR PVC insulated multi-stranded copper conductor single core cable in recessed PVC conduit with accessories like junction boxes, bends, socket and connectors including continuous running of 1 No. 1.5 sq.mm FR PVC insulated solid copper conductor earth wire complete with earthing the fixtures and outlet boxes as per specification and drawings (basements, staircase and lift, wall light point wiring).</td>
<td>Metre</td>
<td>360</td>
<td>81</td>
<td>26160</td>
<td>DSR-2007-1.14.2</td>
</tr>
<tr>
<td>14</td>
<td>Providing, fixing, testing and commissioning of under noted rated flush type industrial socket outlet with plug top controlled by ELCB/ MCB all mounted in M.S. sheet steel box duly painted in recess / surface complete as required (excluding, wiring and conduit)</td>
<td>Each</td>
<td>0</td>
<td>2311.20</td>
<td>0.00</td>
<td>NS-INEL-1</td>
</tr>
<tr>
<td></td>
<td>a) 20 Amps 3 pin socket outlet controlled by DP ELCB (30 mA)</td>
<td>Each</td>
<td>115</td>
<td>520</td>
<td>58800</td>
<td>DSR-2007-2.62</td>
</tr>
<tr>
<td></td>
<td>b) 20 Amps 3 pin socket outlet controlled by DP MCB</td>
<td>Each</td>
<td>0</td>
<td>1294</td>
<td>0</td>
<td>DSR-2007-2.64</td>
</tr>
<tr>
<td></td>
<td>c) 32A, 3 phase, 5 pin socket outlet controlled by 32A, TPRI pole MCB</td>
<td>Each</td>
<td>0</td>
<td>26</td>
<td>0</td>
<td>DSR-2007-1.38</td>
</tr>
<tr>
<td>15</td>
<td>Providing, fixing, testing and commissioning of call bell/buzzer suitable for D.C/A.C, single phase, 230 V, complete as required.</td>
<td>Each</td>
<td>0</td>
<td>26</td>
<td>0</td>
<td>DSR-2007-1.38</td>
</tr>
<tr>
<td>16</td>
<td>Supplying and fixing of following sizes of PVC conduit along with the accessories in surface / recess including cutting the wall and making good the same in case of recessed conduit as required per specification.</td>
<td>Metre</td>
<td>250</td>
<td>41</td>
<td>10250</td>
<td>DSR-2007-1.21.1</td>
</tr>
<tr>
<td></td>
<td>a) 20mm dia PVC conduit</td>
<td>Metre</td>
<td>500</td>
<td>47</td>
<td>25500</td>
<td>DSR-2007-1.21.2</td>
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<tr>
<td></td>
<td>b) 25mm dia PVC conduit</td>
<td>Metre</td>
<td>200</td>
<td>56</td>
<td>11200</td>
<td>DSR-2007-1.21.3</td>
</tr>
<tr>
<td>17</td>
<td>Wiring for sub mains wiring with following sizes of FR PVC insulated, multi-stranded copper conductor single core cables in surface / recessed PVC conduit as required.</td>
<td>Metre</td>
<td>0</td>
<td>207</td>
<td>0</td>
<td>DSR-2007-1.14.10</td>
</tr>
<tr>
<td></td>
<td>a) 4 x 6 sq.mm + 2 x 6 sq.mm. earth wire</td>
<td>Metre</td>
<td>0</td>
<td>294</td>
<td>0</td>
<td>DSR-2007-1.14.11</td>
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<tr>
<td></td>
<td>b) 4 x 10 sq.mm + 2 x 16 sq.mm. earth wire</td>
<td>Metre</td>
<td>0</td>
<td>287</td>
<td>0</td>
<td>DSR-2007-1.14.12</td>
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<tr>
<td></td>
<td>c) 4 x 16 sq.mm + 2 x 16 sq.mm. earth wire</td>
<td>Metre</td>
<td>720</td>
<td>638</td>
<td>459360</td>
<td>DSR-2007-1.14.13</td>
</tr>
<tr>
<td></td>
<td>d) 4 x 25 sq.mm + 2 x 16 sq.mm. earth wire</td>
<td>Metre</td>
<td>720</td>
<td>638</td>
<td>459360</td>
<td>DSR-2007-1.14.13</td>
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<tr>
<td></td>
<td>TOTAL RS.</td>
<td>Metre</td>
<td>2403861.50</td>
<td>0.00</td>
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</table>

#### Sub-Head II - Fans & Light Fixtures:

<p>| 1   | Supplying, fixing, connecting, testing and commissioning of 2 x 36 watt CFL recessed type direct/indirect luminaire complete with electronic ballast, lockable holders and fluorescent lamp including connection etc. as required similar to Pliertis cat no Comfortlite | Each | 335 | 3245.23 | 1087152.47 | NS-INEL-12B |
| 2   | Supplying, fixing, connecting, testing and commissioning of 1 x 36 watt fluorescent luminaire complete with electronic ballast, lockable holders and fluorescent lamp including connection etc. as required similar to Pliertis cat no. Wall Style | Each | 25 | 488.48 | 12211.93 | NS-INEL-12A |
| 3   | Supplying, fixing, connecting, testing and commissioning of recessed type light fitting complete with wire guard, holder, electronic ballast 1 x 18 W lamp including connections etc. as required similar to Pliertis Cat. No.Mars-E | Each | 86 | 1028.72 | 88469.94 | NS-INEL-12C |
| 4   | Supplying and fixing of Aviation light fixture as per Bajaj Cat No. B35L02 with 2 Nos. 25 watt Neon spiral lamp or as equivalent. | Each | 0 | 3462.62 | 0.00 | NS-INEL-12D |</p>
<table>
<thead>
<tr>
<th>S.NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007 AMOUNT (RS.)</th>
<th>AS PER MARKET RATE AMOUNT (RS.)</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Supplying, fixing, connecting, testing and commissioning of recessed type light fitting complete with wire guard, holder, electronic ballast 2 x 18 W lamp including connections etc. as required similar to Pierlite Cat. No. new Mars-LH-180</td>
<td>Each</td>
<td>36</td>
<td>1345.55</td>
<td>48439.62</td>
<td>NS-INEL-12G</td>
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<tr>
<td>6</td>
<td>Supplying, fixing, connecting, testing and commissioning of recessed type light fitting complete with frosted glass cover, wire guard, holder, electronic ballast 2 x 18 W lamp including connections etc. as required similar to Pierlite Cat. No. new Mars-LH-180</td>
<td>Each</td>
<td>196</td>
<td>1478.08</td>
<td>289703.93</td>
<td>NS-INEL-12H</td>
</tr>
<tr>
<td>7</td>
<td>Supplying, erection, connecting, testing and commissioning of following size exhaust fan complete with gravity louver and connection with 3 core flexible wire as required. a) 305mm 1400 RPM</td>
<td>Each</td>
<td>75</td>
<td>2782.73</td>
<td>208704.60</td>
<td>NS-INEL-13E</td>
</tr>
<tr>
<td></td>
<td>b) 380mm 900 RPM</td>
<td>Each</td>
<td>0</td>
<td>3126.06</td>
<td>0.00</td>
<td>NS-INEL-12G</td>
</tr>
<tr>
<td></td>
<td>c) 450mm 300 RPM</td>
<td>Each</td>
<td>0</td>
<td>3812.72</td>
<td>0.00</td>
<td>NS-INEL-12F</td>
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<tr>
<td>8</td>
<td>Supplying, fixing, connecting, testing and commissioning of mirror light luminaire with 1 x 11 watt complete with electronic ballast, lamp including connection etc. complete as required similar to Pierlite Cat. No. Decora.</td>
<td>Each</td>
<td>0</td>
<td>424.10</td>
<td>0.00</td>
<td>NS-INEL-12E</td>
</tr>
<tr>
<td>9</td>
<td>Supply, installation, connecting, testing and commissioning of illuminated egress sign with 1 x 11 watt FSD lamp including providing maintenance free batteries &amp; charger capable of working for 1 hr duration mounted on ceiling/wall complete with the approved EXIT self adhesive labels as per site requirement as required similar to Pierlite cat. Director-r</td>
<td>Each</td>
<td>0</td>
<td>6200.11</td>
<td>0.00</td>
<td>NS-INEL-12F</td>
</tr>
<tr>
<td>10</td>
<td>Supplying, fixing, connecting, testing and commissioning of 2 x 36 watt CFL recessed type Clean Room luminaire (Blood Bank) complete with electronic ballast, lockable holders and fluorescent lamp including connection etc. as required similar to Pierlite cat no Comfortlite</td>
<td>Each</td>
<td>54</td>
<td>7884.00</td>
<td>425736.00</td>
<td>NS-INEL-12M</td>
</tr>
<tr>
<td></td>
<td>TOTAL RS.</td>
<td></td>
<td></td>
<td><strong>2160418.49</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBHEAD III: M.V. PANELS/ DISTRIBUTION BOARD**

1 | Supplying, fixing, connecting, testing and commissioning of TP\&N distribution board with double door with vertical bus bars, totally enclosed and concealed type complete with 200 Amps rating phase copper bus bars, suitable for incorporating single pole MCB's neutral link (special type) and earth links etc. as required as per specifications. |

A. **TP\&N D.B. (4-WAY)**

   i) 1 No. 40 Amps 4P MCB isolator as incomer with RCCB (300mA) | Nos. | 2 | 10622.60 | 21245.20 | NS-INEL-2 |
   ii) 4/12 Nos. 6-32 Amps TP/SP MCB for outgoings |

B. **TP\&N D.B. (6-WAY)**

   i) 1 No. 40 Amps 4P MCB isolator as incomer with RCCB (300mA) | Nos. | 0 | 13751.10 | 0.00 | NS-INEL-3 |
   ii) 4/12 Nos. 6-32 Amps TP/SP MCB for outgoings |

C. **TP\&N D.B. (8-WAY)**

   i) 1 No. 63 Amps 4P MCB isolator as incomer with RCCB (300mA) | Nos. | 24 | 18691.40 | 400593.60 | NS-INEL-4 |
   ii) 24 Nos. 6-20 Amps SP MCB |

D. **TP\&N D.B. (12-WAY)**

   i) 1 No. 65 Amps 4P MCB isolator as incomer with RCCB (300mA) | Nos. | 6 | 20233.80 | 121402.80 | NS-INEL-5 |
   ii) 36 Nos. 6-20 Amps SP MCB |

2 | Supplying, installation, testing and commissioning of L.T. panel fully compartmentalized cubical type sheet clad floor mounted/totally enclosed - extendible on both sides, switch board suitable for use on 415 Volts 3-phase, 4 wire, 50 Hz system having required fault capacity, housed with incoming and outgoing, Aluminium bus bars with current rating of 0.8 Amp/sq.mm, interconnection etc. with indication lamps, accessories etc. as required as per specification and schematic diagram as required. (Main LT Panel- BlocK-3) | Nos. | 6 | 20233.80 | 121402.80 | NS-INEL-5 |
## SCHEDULE OF QUANTITIES

### SCHEDULE OF QUANTITIES FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF ELECTRICAL WORKS FOR PROPOSED RENOVATION OF EXISTING HOSPITAL FOR PG AT ESIC HOSPITAL AT JOKA.

<table>
<thead>
<tr>
<th>S.NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007 RATE (RS.)</th>
<th>AS PER MARKET RATE RATE (RS.)</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>INCOMER:- 1 Nos. 400 Amps. TPN MCCB(25 KA) with thermo magnetic releases. 1 Sat phase indication lights (R, Y, B). 1 No. Volt Meter (digital type) with inbuilt VSS &amp; control fuses. 1 No. 0-400 Amp. Ammeter (digital type) with inbuilt ASS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>BUS BARS:- 350 Amps. TPAN Aluminium bus bars (25 KA)</td>
<td>Set 1</td>
<td></td>
<td>20000.00</td>
<td>20000.00</td>
<td>NS-INEL-14B</td>
</tr>
<tr>
<td>3</td>
<td>OUT GOINGS:- 22 Nos. 63A TPN, MCCB (10KA).</td>
<td>Set 1</td>
<td></td>
<td>12000.00</td>
<td>12000.00</td>
<td>NS-INEL-14A</td>
</tr>
<tr>
<td></td>
<td>Same as above but with the following mountings. (Ninth Floor Panel - Block-2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INCOMER:- 1 Nos. 200 Amps. TPN MCCB(25 KA) with thermo magnetic releases. 1 Sat phase indication lights (R, Y, B). 1 No. Volt Meter (digital type) with inbuilt VSS &amp; control fuses. 1 No. 0-200 Amp. Ammeter (digital type) with inbuilt ASS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>BUS BARS:- 200 Amps. TPAN Aluminium bus bars (25 KA)</td>
<td>Set 1</td>
<td></td>
<td>8000.00</td>
<td>8000.00</td>
<td>NS-INEL-14C</td>
</tr>
<tr>
<td>6</td>
<td>OUT GOINGS:- 8 Nos. 63A TPN, MCCB (10KA).</td>
<td>Set 1</td>
<td></td>
<td>12000.00</td>
<td>12000.00</td>
<td>NS-INEL-14A</td>
</tr>
<tr>
<td></td>
<td>Same as above but with the following mountings. (Ninth Floor Panel - Block-1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>INCOMER:- 1 Nos. 100/63 Amps. TPN MCCB(25 KA) with thermo magnetic releases. 1 Sat phase indication lights (R, Y, B). 1 No. Volt Meter (digital type) with inbuilt VSS &amp; control fuses. 1 No. 0-100 Amp. Ammeter (digital type) with inbuilt ASS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>BUS BARS:- 200 Amps. TPAN Aluminium bus bars (25 KA)</td>
<td>Set 1</td>
<td></td>
<td>15 68</td>
<td>1020.00</td>
<td>DSR-2007-2.71</td>
</tr>
<tr>
<td>9</td>
<td>OUT GOINGS:- 4 Nos. 63A TPN, MCCB (10KA).</td>
<td>Set 1</td>
<td></td>
<td>12000.00</td>
<td>12000.00</td>
<td>NS-INEL-14A</td>
</tr>
<tr>
<td></td>
<td>Providing and fixing MV danger plate of 200 x 150mm of mild steel at least 2mm thick and relieve enamelled white paint on both side and with inscription in signal red colour on front side as required.</td>
<td>Each</td>
<td>15 68</td>
<td>1020.00</td>
<td>NS-INEL-6L</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL RS.</td>
<td></td>
<td></td>
<td>1020.00</td>
<td>583801.60</td>
<td></td>
</tr>
</tbody>
</table>

### SUB-HEAD - IV : L.Y. CABLES

1 Supply, laying and testing of under noted sizes of Aluminiumconductor XLPE insulated PVC sheathed & sleeved armoured and overall PVC sleeved 1.1 KV grade power distribution cables conforming to relevant IS code and as per specification in ground (in existing trenches) through pipe or on wall / racks cable trays including dressing and clamping the cable with MS zinc passivated clamps etc. as required.

<table>
<thead>
<tr>
<th></th>
<th>SIZE</th>
<th>MS</th>
<th>FOB</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>3.5 x 240 sq.mm</td>
<td>1429.36</td>
<td>142936.01</td>
</tr>
<tr>
<td>b)</td>
<td>3.5 x 120 sq.mm</td>
<td>813.02</td>
<td>191077.10</td>
</tr>
<tr>
<td>c)</td>
<td>3.5 x 70 sq.mm</td>
<td>551.32</td>
<td>68915.00</td>
</tr>
<tr>
<td>d)</td>
<td>4 x 10 sq.mm</td>
<td>184.99</td>
<td>0.00</td>
</tr>
</tbody>
</table>

2 Supply and laying of under noted sizes of hume pipe NP-2 grade under the road including 1:3:6 cement concrete bed at 750-1200 depth cutting and making good the same as required as per technical specifications.

<table>
<thead>
<tr>
<th></th>
<th>SIZE</th>
<th>MS</th>
<th>FOB</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>100mm dia</td>
<td>227.55</td>
<td>4551.04</td>
</tr>
<tr>
<td>b)</td>
<td>200mm dia</td>
<td>301.33</td>
<td>19046.40</td>
</tr>
</tbody>
</table>

3 Supply and making end termination with brass double compression gland including providing and crimping of Aluminium/steelless lugs / ferrules for XLPE armoured power Aluminium conductor cable 1.1KV grade of following sizes:-

<table>
<thead>
<tr>
<th></th>
<th>SIZE</th>
<th>MS</th>
<th>FOB</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>3.5 x 240 sq.mm</td>
<td>381 792.00</td>
<td>DSR-2007-4.1.29</td>
</tr>
<tr>
<td>b)</td>
<td>3.5 x 120 sq.mm</td>
<td>199 398.00</td>
<td>DSR-2007-4.1.25</td>
</tr>
<tr>
<td>c)</td>
<td>3.5 x 70 sq.mm</td>
<td>168 336.00</td>
<td>DSR-2007-4.1.23</td>
</tr>
<tr>
<td>d)</td>
<td>4 x 10 sq.mm</td>
<td>104 0.00</td>
<td>DSR-2007-4.1.32</td>
</tr>
</tbody>
</table>
## SCHEDULE OF QUANTITIES

**SCHEDULE OF QUANTITIES FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF ELECTRICAL WORKS FOR PROPOSED RENOVATION OF EXISTING HOSPITAL FOR PG AT ESIC HOSPITAL AT JOKA.**

<table>
<thead>
<tr>
<th>S.NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007</th>
<th>AS PER MARKET RATE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>RATE (RS.)</td>
<td>AMOUNT (RS.)</td>
<td>RATE (RS.)</td>
</tr>
<tr>
<td>4</td>
<td>Supply, laying and testing of under rolled sizes of copper conductor XLPE insulated PVC sheathed &amp; sleeved armoured and overall PVC sleeved 1.1 KV grade power distribution cables conforming to relevant IS code and as per specification in ground (in existing trenches) through pipe or on wall / racks cable trays including dressing and clamping the cable with MS zinc passivated clamps etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 4 x 6 sq.mm</td>
<td>Metre</td>
<td>0</td>
<td>391.15</td>
<td>0.00</td>
<td>NS-INEL-6M</td>
</tr>
<tr>
<td></td>
<td>b) 4 x 4 sq.mm</td>
<td>Metre</td>
<td>0</td>
<td>297.17</td>
<td>0.00</td>
<td>NS-INEL-8N</td>
</tr>
<tr>
<td></td>
<td>c) 4 x 2.5 sq.mm</td>
<td>Metre</td>
<td>0</td>
<td>217.13</td>
<td>0.00</td>
<td>NS-INEL-8O</td>
</tr>
<tr>
<td>5</td>
<td>Supply and making end termination with brass double compression gland including providing and clamping of copper solderless lugs / ferrules for XLPE armoured power copper conductor cable 1.1 KV grade of following sizes:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 4 x 6 sq.mm</td>
<td>Set</td>
<td>0</td>
<td>104</td>
<td>0.00</td>
<td>DSR-2007-4.1.32</td>
</tr>
<tr>
<td></td>
<td>b) 4 x 4 sq.mm</td>
<td>Set</td>
<td>0</td>
<td>104</td>
<td>0.00</td>
<td>DSR-2007-4.1.32</td>
</tr>
<tr>
<td></td>
<td>c) 4 x 2.5 sq.mm</td>
<td>Set</td>
<td>0</td>
<td>104</td>
<td>0.00</td>
<td>DSR-2007-4.1.32</td>
</tr>
<tr>
<td>6</td>
<td>Supply and fixing of steel work in position including clamps, frame work of flats, angle iron, channel with fabrication work including cutting, bending, welding, drifting bolting etc. as per design as required. One coat of primer and 2 coats of enamel paint of approved shade shall be provided.</td>
<td>Kg.</td>
<td>1000</td>
<td>55.00</td>
<td>55000.00</td>
<td>NS</td>
</tr>
<tr>
<td>7</td>
<td>Supply and fixing of perforated 1.6 mm thick CRCA sheet power coated cable tray of following sizes complete with bend/tee joints, coupling plate &amp; nuts bolts etc. including providing and fixing of M.S. painted hanger etc. as required.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 150mm wide 50mm depth</td>
<td>Metre</td>
<td>200</td>
<td>335</td>
<td>67000.00</td>
<td>DSR-2007-3.1.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL RS.</td>
<td></td>
<td></td>
<td>68496.00</td>
<td>388095.61</td>
<td></td>
</tr>
</tbody>
</table>

### SUB-HEAD : V. : EARTHING

1. Earthing with GI earth plate 600 x 600 x 6mm thick including accessories and providing masonry enclosure with cover plate having locking arrangement with watering pipe complete with cola and salt etc. as required. Each 4 3069 12278.00 DSR-2007-3.5+3.7

2. Supply and fixing of following sizes of copper/GI strip in GI pipe from earth electrode including cost of GI pipe 'B' class as required.

| a) 25mm x 5mm GI | Metre | 30 | 218 | 6540.00 | DSR-2007-3.14 |
|                 |       |    |      |          |                |
| 3. Supply and fixing of following of copper/GI strip on surface or in recess for connections etc. as required. |   |
| a) 25mm x 5mm GI | Metre | 40 | 46  | 1800.00 | DSR-2007-3.11 |
| 4. Providing and fixing of 8 SWG GI wire on surface or in recess for loop earthing along with the existing surface/recessed conduit for sub main wiring / cable as required. |     |
| Metre          | 700  | 11 | 7700.00 | DSR-2007-3.21 |

### SUB-HEAD : VI : T.V. , TELEPHONE SYSTEM & LAN SYSTEM

1. Supplying, drawing, connecting and testing of 0.5 mm dia annealed copper conductor PVC insulated PVC sheathed telephone wire in existing conduit/wire way duct etc. as required of following sizes:

| a) 4 Pair (8 core) | Metre | 0  | 21  | 0 | DSR-2007-1.18.3 |
|                   |       |    |      |   |                |
| b) 2 Pair (4 core) | Metre | 3400 | 19 | 64000 | DSR-2007-1.18.2 |

2. Providing, laying, connecting and testing of multi-core telephone armoured cable of conductor size 0.83mm dia annealed copper conductor PVC insulated PVC sheathed jelly filled (as per DOT specification) cable along wall or ceiling or through existing pipe.

| a) 100 Pair telephone cable | Metre | 50 | 424.29 | 2124.43 | NS-INEL-7G |
|                            |       |    |         |          |            |
| b) 10 Pair telephone cable | Metre | 520 | 80.99 | 41547.80 | NS-INEL-7D |
### SCHEDULE OF QUANTITIES

**SCHEDULE OF QUANTITIES FOR SUPPLY, ERECTION, TESTING AND COMMISSIONING OF ELECTRICAL WORKS FOR PROPOSED RENOVATION OF EXISTING HOSPITAL FOR PG AT ESIC HOSPITAL AT JOKA.**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007 RATE (RS.)</th>
<th>AS PER MARKET RATE RATE (RS.)</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Providing, fixing connecting and testing of under noted size of solderless telephone tag block Krone make in surface/recess in wall required size of M.S. box with hinged lockable cover duty stove enamel painted.</td>
<td>a) 10 pair tag block</td>
<td>Each</td>
<td>13</td>
<td>1473.83</td>
<td>19159.83</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b) 20 pair tag block</td>
<td>Each</td>
<td>1</td>
<td>5966.45</td>
<td>5966.45</td>
</tr>
<tr>
<td>4</td>
<td>Supplying and fixing of under noted sizes of 14/16 SWG MS conduit with accessories such as bend, pull outlet box with cover, lock nuts, saddles, PVC bushes for telephone/fire alarm/computer or for any other services and necessary materials etc. on surface or concealed including cutting the walls.</td>
<td>a) 20mm dia conduit pipe</td>
<td>Metre</td>
<td>1800</td>
<td>77</td>
<td>138600</td>
</tr>
<tr>
<td></td>
<td></td>
<td>b) 25mm dia conduit pipe</td>
<td>Metre</td>
<td>1300</td>
<td>86</td>
<td>86000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c) 32mm dia conduit pipe</td>
<td>Metre</td>
<td>950</td>
<td>105</td>
<td>52500</td>
</tr>
<tr>
<td>5</td>
<td>Providing and laying of 80mm dia medium class GI pipe including all fixing accessories concealed or surface as required.</td>
<td>Each</td>
<td>20</td>
<td></td>
<td>350.00</td>
<td>7000.00</td>
</tr>
<tr>
<td>6</td>
<td>Supplying and fixing M.S. box with modular type telephone (RJ-11) outlet complete as required.</td>
<td>Each</td>
<td>85</td>
<td></td>
<td>61</td>
<td>5185</td>
</tr>
<tr>
<td>7</td>
<td>Supplying and fixing M.S. box with modular type coastal outlet for TV antenna complete as required.</td>
<td>Each</td>
<td>0</td>
<td></td>
<td>60</td>
<td>0</td>
</tr>
<tr>
<td>8</td>
<td>Providing, laying, connecting and testing of unarmoured TV cable RG-6 PVC insulated cable along wall or ceiling or through existing pipe.</td>
<td>Each</td>
<td>0</td>
<td></td>
<td>23</td>
<td>0</td>
</tr>
<tr>
<td>9</td>
<td>Supplying and fixing M.S. box with Phenolic laminate plate 4- way splitter box for TV antenna complete as required.</td>
<td>Each</td>
<td>0</td>
<td></td>
<td></td>
<td>150</td>
</tr>
<tr>
<td>10</td>
<td>Supplying and fixing M.S. box with modular type data computer (RU-45) outlet complete as required.</td>
<td>Each</td>
<td>89</td>
<td></td>
<td></td>
<td>485.43</td>
</tr>
<tr>
<td>11</td>
<td>Providing, laying, connecting and testing of data/ computer Cal-6 cable along wall or ceiling or through existing pipe, including penultimate scanning documentation etc as required.</td>
<td>Each</td>
<td>3450</td>
<td></td>
<td></td>
<td>106.02</td>
</tr>
<tr>
<td>12</td>
<td>Supplying and fixing of 450 x 450 x 150 M.S. box with Phenolic laminate plate of 16 SWG M.S. Sheet with hinged door cover for mounting TV amplifier including wooden base plate complete as required.</td>
<td>Each</td>
<td>0</td>
<td></td>
<td></td>
<td>500</td>
</tr>
</tbody>
</table>

**TOTAL RS.**

346865.00

494252.58

---

**SUB-HEAD VII: FIRE DETECTION SYSTEM**

1. Supply, installation, testing and commissioning of microprocessor based analog addressable intelligent fire alarm control panel (4) loop complete with central processing unit. Network communication card RS-485 port, 8 lines, 21 character (168 Characters) graphic LCD display with primary power supply at 230V with 24/36 volts. Sealed maintenance free (SMF) batteries backup (as per IS) complete with solid state boost/trickle automatic battery charger. The panel shall have integral two way communication & voice evacuation facility address system with 8 channel zoned switch amplifier and auto voice dialing facility. The panel shall have UL listed field controlled from PC graphic software compatible to IBMS, security surveillance system, Public address system etc as required.

Set 1

209160.00

209160.00

NS-INEL-15A

2. Supply, installation, testing and commissioning of integral microprocessor (not microcontroller) intelligent soft addressable photoelectric or optical smoke detectors based on moisture free & gold plated terminals in base complete as per specifications as required.

Each 166

2500.00

415000.00

NS-INEL-15B

3. Supply, installation, testing and commissioning of integral microprocessor (not microcontroller) intelligent soft addressable type heat detector (combined rate of rise and fixed temperature) consists of two independent thermistors, designed to automatically compensate changes in ambient temperature with moisture free, rust free & gold plated terminals in base complete as per specifications as required.

Each 8

2523.52

20188.16

NS-INEL-15C

4. Supply, installation, testing and commissioning of integral microprocessor (not microcontroller) intelligent soft addressable type Ductable smoke detector including air sampling unit/unitampling chamber complete as per specification as required.

Each 0

6786.7

0.00

NS-INEL-15D

5. Supply, installation, testing and commissioning of integral microprocessor (not microcontroller) intelligent soft addressable type manual call point 1 stage with in-built LED, lighting up automatically to confirm its actuation complete as per specification as required.

Each 14

3734.3

52280.20

NS-INEL-15E
<table>
<thead>
<tr>
<th>S.NO</th>
<th>DESCRIPTION OF ITEM</th>
<th>UNIT</th>
<th>QTY.</th>
<th>AS PER DSR - 2007 RATE (RS.)</th>
<th>AS PER MARKET RATE RATE (RS.)</th>
<th>AS PER MARKET RATE AMOUNT (RS.)</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Supply, installation, testing and commissioning of UL listed wall mounted hooter with strobe (100 dba) complete as per specification as required.</td>
<td>Each</td>
<td>14</td>
<td>4239.2</td>
<td>59348.80</td>
<td>NS-INEL-15F</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Supply, installation, testing and commissioning of UL listed surface type mounted directly on ceiling/ recessed 1/4-1/2 tap changer speakers with line matching transformer complete as per specification as required.</td>
<td>Each</td>
<td>0</td>
<td>1412.25</td>
<td>0.00</td>
<td>0.00</td>
<td>NS-INEL-15G</td>
</tr>
<tr>
<td>9</td>
<td>Supply, installation, testing and commissioning of integral microprocessor (not microcontroller) input/output control module for shutting down AHU's, lift pressurization fans and ventilation fans etc. including power supply for driving the control module as per requirement.</td>
<td>Each</td>
<td>0</td>
<td>3179.4</td>
<td>0.00</td>
<td>0.00</td>
<td>NS-INEL-15H</td>
</tr>
<tr>
<td>10</td>
<td>Supply, installation, testing and commissioning of UL listed surface type mounted directly on wall recessed 1/4-1/2 tap changer speakers with line matching transformer complete as per specification as required.</td>
<td>Each</td>
<td>54</td>
<td>1412.25</td>
<td>76261.50</td>
<td>NS-INEL-15G</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Supplying, fixing, testing and commissioning of UL listed telephone talk back units (fire fighter telephone hand set) compatible to MFACP complete as required.</td>
<td>Each</td>
<td>14</td>
<td>7773.5</td>
<td>108820.00</td>
<td>NS-INEL-15I</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Supplying, laying, testing and commissioning of point wiring for following sensors and devices with 2 x 1.5 sq.mm FRLS PVC insulated multi-stranded single core copper conductor wire in M.S. conduit with conduit accessories including loop circuit from main fire alarm panel located at ground floor in fire control room complete as required.</td>
<td>Each</td>
<td>14</td>
<td>5940</td>
<td>106.00</td>
<td>623700.00</td>
<td>NS</td>
</tr>
<tr>
<td></td>
<td>a) Wiring for smoke/heat detectors.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Wiring for Input/Output modules.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c) Wiring for manual call point.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Supplying, laying, testing and commissioning of point wiring for hooters with strobe circuits with 2 pair 1.5 sq.mm copper conductor flexible wire (1 pair shielded and 1 pair unshielded) including loop wiring from MFACP in M.S. conduit with conduit accessories complete as required.</td>
<td>Each</td>
<td>0</td>
<td>105.00</td>
<td>0.00</td>
<td>0.00</td>
<td>NS</td>
</tr>
<tr>
<td>14</td>
<td>Supplying, wiring, testing and commissioning of point wiring for speakers with 2 core 1.5 Sq.mm cu. Twisted copper conductor wire including loop wiring from MFACP in M.S. conduit with conduit accessories complete as required.</td>
<td>Each</td>
<td>0</td>
<td>105.00</td>
<td>0.00</td>
<td>0.00</td>
<td>NS</td>
</tr>
<tr>
<td>15</td>
<td>Supplying, wiring, testing and commissioning of point wiring for telephone talk back units with 2 pair (4 core) 0.61mm dia annealed copper conductor PVC insulated PVC sheathed telephone cable in M.S. conduit with conduit accessories complete as required.</td>
<td>Each</td>
<td>0</td>
<td>560</td>
<td>120</td>
<td>67200.00</td>
<td>NS</td>
</tr>
<tr>
<td></td>
<td>TOTAL RS.</td>
<td></td>
<td></td>
<td>1631967.66</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>
INTERIOR WORKS

(PAGE NO :1-3)
### Proposed Renovation of existing Hospital block for PG at ESIC Hospital, Joka

#### DETAILED ESTIMATE (BASED ON MARKET RATES)

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT</th>
<th>RATE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>A</strong></td>
<td>FALSE CEILING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing in position calcium silicate False Ceiling Tiles 600x600x15 mm as per Manufactures instructions manual on Suspension System edge detail (microlook). 15 mm Gridsystem complete as per Design/Drawing. Armstrong make</td>
<td>4000</td>
<td>SQM</td>
<td>850</td>
<td>3400000.00</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>STORAGE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing full height storage made of 19 mm thick block board with shutters and shelves, 1.5mm laminate of approved make on all exposed surfaces including necessary hardware, locks etc. inside painting, polishing etc. complete as per drawings.</td>
<td>b) 450 depth</td>
<td></td>
<td>6500</td>
<td>325000.00</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing over head storage made of 19 mm thick block board with shutters and shelves, 1.5mm laminate of approved make on all exposed surfaces including necessary hardware, locks etc. inside painting, polishing etc. complete as per drawings.</td>
<td>75</td>
<td>SQM</td>
<td>7000</td>
<td>525000.00</td>
</tr>
<tr>
<td></td>
<td>(450mm depth)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing &amp; fixing low Ht Storage built in 19 mm Prelaminated Board, Shelves &amp; Shutters complete with hardware, locks as per drawings complete.</td>
<td>150</td>
<td>SQM</td>
<td>7000</td>
<td>1050000.00</td>
</tr>
<tr>
<td></td>
<td>(450mm depth)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>C</strong></td>
<td>LOOSE FURNITURE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing low Ht Modular workstations with partitions.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Partitions thickness 75 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Frames Steel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Space for wiring between tiles 50 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Average wt. Of a 900x1200 mm frame 14 kg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tile fixing arrangement To horizontal members</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Finish of the frames Epoxy powder coating</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Laminate tiles Thickness 12 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Description</td>
<td>Quantity</td>
<td>Rate</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>-----------------------------------------------------------------------------</td>
<td>----------</td>
<td>-------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Construction Post lamination with 1 mm laminate on both sides of 10 mm MDF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Edge finishing Painting on all exposed edges</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fabric tiles thickness 12 mm on 12 mm MDF</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pin-up tiles 12 mm thick made up of 6 mm Polypropelene fluted sheets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>workstation Top Prelaminated Particle Board</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 drawn unit metal Powder coated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Partition Ht = 1300 mm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Provision for Electricals in Cable Tray below &amp; above workstation.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>Metal Powder Coated CPU Trolley complete as per drawings.</td>
<td>15</td>
<td>28000</td>
<td>420000.00</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Providing workstations of same Specifications as in item no. 5.1 above but without low Ht partitions.</td>
<td>600mm wide</td>
<td>20 RM 2500</td>
<td>50000.00</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Providing Library Table as per Drawing made in 19 mm commercial board with 1.5 mm laminated top and teak wood moulding etc.including melamine polishing complete.size 3x1.5m</td>
<td>8</td>
<td>33000</td>
<td>264000.00</td>
<td></td>
</tr>
<tr>
<td>3a</td>
<td>Same as above but Staff reading room/book binder room of size 2x 1.5m</td>
<td>6</td>
<td>23000</td>
<td>138000.00</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Providing Director's/Asst. Director/Officers table as per design and drawing with same specifications</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Dean's Table size 7'x3'</td>
<td>1</td>
<td>20000</td>
<td>20000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Deans Side rack size 5'x1'6&quot;</td>
<td>1</td>
<td>7000</td>
<td>7000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Professor's Table size 6'x2'6&quot;</td>
<td>10</td>
<td>12000</td>
<td>120000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ProfessorsSide rack size 4'x1'6&quot;</td>
<td>10</td>
<td>6000</td>
<td>60000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asso/ Asst Prof Table size 5'x2'</td>
<td>30</td>
<td>8000</td>
<td>240000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Asso/Asst Prof Side rack size 4'x1'6&quot;</td>
<td>30</td>
<td>5000</td>
<td>150000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Office Table size 4'x2&quot;</td>
<td>10</td>
<td>7000</td>
<td>70000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>office Side rack size 3'x1'6&quot;</td>
<td>10</td>
<td>4000</td>
<td>40000.00</td>
<td></td>
</tr>
</tbody>
</table>
### 6 Providing sofas in Dean/Prof Rooms as per design/drawings.

<table>
<thead>
<tr>
<th>a)</th>
<th>Three Seater Sofa</th>
<th>3</th>
<th>no</th>
<th>25000</th>
<th>75000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>b)</td>
<td>Two Seater Sofa</td>
<td>12</td>
<td>no</td>
<td>18000</td>
<td>216000.00</td>
</tr>
<tr>
<td>c)</td>
<td>Single Seater Sofa</td>
<td>2</td>
<td>no</td>
<td>8000</td>
<td>16000.00</td>
</tr>
</tbody>
</table>

### 7 Providing chair with P.U.Arms, Rendering/Tilling Type complete as per manufacturers instructions

<table>
<thead>
<tr>
<th>a)</th>
<th>Dean Chair (High back, Revolving)</th>
<th>1</th>
<th>no</th>
<th>9000</th>
<th>9000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>b)</td>
<td>Dean Visitor Chair</td>
<td>5</td>
<td>no</td>
<td>8000</td>
<td>40000.00</td>
</tr>
<tr>
<td>c)</td>
<td>Professor Chair (Medium Back, revolving)</td>
<td>10</td>
<td>no</td>
<td>6000</td>
<td>60000.00</td>
</tr>
<tr>
<td>d)</td>
<td>Professor Visitor Chair (Low Back, Revolving)</td>
<td>30</td>
<td>no</td>
<td>5000</td>
<td>150000.00</td>
</tr>
<tr>
<td>e)</td>
<td>Asso/Asst.Professor Chair (Medium Back, Revolving)</td>
<td>30</td>
<td>no</td>
<td>6000</td>
<td>180000.00</td>
</tr>
<tr>
<td>f)</td>
<td>Asso./Asst. Visitor Chair (Low Back, Revolving)</td>
<td>60</td>
<td>no</td>
<td>5000</td>
<td>300000.00</td>
</tr>
<tr>
<td>g)</td>
<td>Staff Chair (Medium Back, Revolving)</td>
<td>30</td>
<td>no</td>
<td>4000</td>
<td>120000.00</td>
</tr>
<tr>
<td>h</td>
<td>Library Chair (Low Back)</td>
<td>60</td>
<td>no</td>
<td>4000</td>
<td>240000.00</td>
</tr>
</tbody>
</table>

### 8 Providing chairs for PG Students as per design and drawing.

| 150  | no  | 4500 | 675000.00 |

### D MISC. WORKS

<table>
<thead>
<tr>
<th>1</th>
<th>Providing &amp; fixing Vertical Blinds on Windows/Partitions of Approved make &amp; specifications vista levelor make</th>
<th>200</th>
<th>SQM</th>
<th>1200</th>
<th>240000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>P/F pin up boards made up of 19mm thick Sita tex board , with teak wooden moulding 35X25mm on all sides with 4mm commercial ply backing , with cloth on front face the teak wooden moulding to be melamine polished</td>
<td>150</td>
<td>SQM</td>
<td>950</td>
<td>142500.00</td>
</tr>
<tr>
<td>2</td>
<td>P/F white boards complete as per design complete</td>
<td>50</td>
<td>SQM</td>
<td>2800</td>
<td>140000.00</td>
</tr>
</tbody>
</table>

**TOTAL (Rs.)** 9482500.00
AIR CONDITIONING WORKS

(PAGE NO :1)
## Proposed Renovation Of Existing Hospital Block For PG at Joka

### Estimate (Based on Market Rates)

<table>
<thead>
<tr>
<th>SL.NO.</th>
<th>DESCRIPTION OF ITEM</th>
<th>Qty.</th>
<th>UNIT</th>
<th>Rate</th>
<th>Amount(Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>AIR CONDITIONING WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>SPLIT AC 1.5 TON</td>
<td>80</td>
<td>No.</td>
<td>35000</td>
<td>2800000</td>
</tr>
<tr>
<td></td>
<td>SAMSUNG/HITACHI MAKE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SPLIT AC 2 TON</td>
<td>6</td>
<td>No.</td>
<td>40000</td>
<td>240000</td>
</tr>
<tr>
<td></td>
<td>SAMSUNG/HITACHI MAKE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SPLIT AC 3 TON</td>
<td>10</td>
<td>No.</td>
<td>50000</td>
<td>500000</td>
</tr>
<tr>
<td></td>
<td>SAMSUNG/HITACHI MAKE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3540000</td>
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</tbody>
</table>
**Proposed Renovation of existing Hospital block at Joka**

Estimate (Based on Market Rates)

<table>
<thead>
<tr>
<th>Sub-Head -I</th>
<th>Wet Riser System</th>
<th>Rs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sub-Head -II</td>
<td>Hand Appliances</td>
<td>Rs</td>
</tr>
<tr>
<td>Sub-Head -III</td>
<td>Sprinkler System</td>
<td>Rs</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td></td>
<td>Rs.</td>
</tr>
</tbody>
</table>

**Summary of Cost for FIRE PROTECTION SYSTEM**

603,050.00

132,000.00

840,000.00

1,575,050.00
## FIRE PROTECTION SYSTEM

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Rate</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Sub-Head - I - Wet Riser System</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>S/L/J/T of following sizes of Heavy class (C class) mild steel pipe, flanges and fitting such as bends, tees, reducers, rubber insertions and galvanized nuts and bolts 'heavy class ' confirming to IS:1239-1974 part - I and amendment l/c fixing the pipe on wall / ceiling with suitable MS strip/clamps/bracket and painting with one coat of primer and two or more coats of synthetic enamel paint etc. complete as required.(Internal works).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>25mm dia</td>
<td>15</td>
<td>metre</td>
<td>310.00</td>
<td>4,650.00</td>
</tr>
<tr>
<td>c)</td>
<td>80mm dia</td>
<td>10</td>
<td>metre</td>
<td>800.00</td>
<td>8,000.00</td>
</tr>
<tr>
<td>d)</td>
<td>100mm dia</td>
<td>10</td>
<td>metre</td>
<td>1,150.00</td>
<td>11,500.00</td>
</tr>
<tr>
<td>e)</td>
<td>150mm dia</td>
<td>50</td>
<td>metre</td>
<td>1,700.00</td>
<td>85,000.00</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing internal fire hydrant comprising of gunmetal fire hydrant valve 80mm inlet with single headed with single outlet with control and fitted with 63mm dia instantaneous female coupling on the outlet complete with orifice flange as required, blank cap and chain locations as per drawings (inlet flanges to I.S 5290-1977 class C)</td>
<td>10</td>
<td>each</td>
<td>9,000.00</td>
<td>90,000.00</td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing first aid fire hose reel equipment confirming to IS : 884-1969 with upto date amendments finished with post office red spray paint and complete with following as required :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a)</td>
<td>20mm dia 36.5 metres long hose tubing of approved make confirming to IS : 5132-1969 with upto date amendments.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b)</td>
<td>Swinging type hose guide fixing bracket assembly</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c)</td>
<td>25mm dia gate valve</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d)</td>
<td>6mm outlet gunmetal nozzle with shut off valve as required</td>
<td>10</td>
<td>each</td>
<td>12,500.00</td>
<td>125,000.00</td>
</tr>
<tr>
<td>4</td>
<td>Providing and fixing 63mm dia 15m long Reinforced Rubber lined (RRL) woven jacketed hose tested to bursting pressure 32 Kg/sqcm including gunmetal male and female instantaneous type coupling approved by fire authority, machine would with G.I wire complete in all respects. Hose shall conform to I.S 636 Type II and coupling to I.S 903-1985 with ISI certification (Two per hydrant station)</td>
<td>20</td>
<td>each</td>
<td>5,450.00</td>
<td>109,000.00</td>
</tr>
<tr>
<td>S.No.</td>
<td>Description</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<tr>
<td>5</td>
<td>Providing and fixing fire hose cabinet fabricated from 16 gauge MS sheet of fully welded construction with hinged double front door with locking arrangement and partially glazed with 4mm thick glass, stove enameled fire red finish with &quot;fire hose&quot; written on front suitable to house 2x15m two length of canvas hose with couplings, branch pipe. One fireman's axe, first aid fire hose reel and hydrant outlet.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a) Size 2100 x 900 x 600mm (HxBxD)</td>
<td>10 each</td>
<td>5,500.00</td>
<td>55,000.00</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Providing and fixing standard short size gunmetal branch pipe with gunmetal nozzle 16mm dia outlet with standard male instantaneous spring lock type 63mm dia coupling. Branch pipe and nozzle shall confirm to IS : 903-1985.</td>
<td>10 each</td>
<td>2,600.00</td>
<td>26,000.00</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Providing and fixing standard fireman's axe with heavy insulated rubber handle complete.</td>
<td>10 each</td>
<td>3,000.00</td>
<td>30,000.00</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Providing and fixing gunmetal collecting head with 63mm dia instantaneous type inlet and 150mm dia flanged outlet with built-in check valve for fire brigade connection to underground tanks and wet risers (I.S 904) including necessary supports complete in all respects as per standard design.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Two way (for wet riser)</td>
<td>1 each</td>
<td>9,000.00</td>
<td>9,000.00</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Providing and fixing single acting air-cushion tank of 250mm and 1000mm high with 25mm gun metal stop valve, air-release valve complete as required.</td>
<td>2 each</td>
<td>7,000.00</td>
<td>14,000.00</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Providing and fixing butterfly valve confirming to type P.N. 1.6 of IS 13095-1991 complete with flanges, bolts, nuts, gasket etc. as per specifications complete in all respects hydraulically tested to 20kg/sqcm.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a) 100mm diameter Class - I</td>
<td>2 each</td>
<td>4,300.00</td>
<td>8,600.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) 150mm diameter class - I</td>
<td>1 each</td>
<td>6,500.00</td>
<td>6,500.00</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Providing and fixing cast iron double flanged horizontal type with gunmetal seat non-return valve confirming to class - I of IS : 5312 including nuts, bolts, 1.5 mm thick compressed asbestos gasket including painting complete</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 100 mm dia</td>
<td>1 each</td>
<td>5,800.00</td>
<td>5,800.00</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Providing and fixing dial type pressure gauge with isolation cock and pipe at hydrant station</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Dial diameter 150mm calibration 0-15kg</td>
<td>10 each</td>
<td>1,500.00</td>
<td>15,000.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total c/f to Summary</strong></td>
<td></td>
<td></td>
<td><strong>603,050.00</strong></td>
<td></td>
</tr>
<tr>
<td>S.No.</td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------------------------------------------</td>
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</tr>
<tr>
<td></td>
<td><strong>Sub-Head - II - Hand Appliances</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Note: All the fire extinguishers shall be ISI marked and filling/validity date shall be painted.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Providing and fixing carbon-di-oxide type fire extinguishers consisting of welded M.S cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube, 30cms long high pressure discharge hose, discharge nozzle, suspension bracket, conforming to IS: 2878 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Capacity 4.5 kg</td>
<td>15</td>
<td>each</td>
<td>5,500.00</td>
<td>82,500.00</td>
</tr>
<tr>
<td>2</td>
<td>Providing and fixing water gas (stored pressure) type fire extinguishers consisting of welded M.S cylindrical body, squeeze lever discharge valve fitted with pressure indicating gauge internal discharge tube, 30 cms long high pressure discharge hose, discharge nozzle, suspension bracket, conforming to IS: 6234 finished externally with red enamel paint and fixed to wall with brackets complete with internal charge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Capacity 9 lit.</td>
<td>15</td>
<td>each</td>
<td>3,100.00</td>
<td>46,500.00</td>
</tr>
<tr>
<td>3</td>
<td>Providing and fixing Lift/Floor and fire signages printed on photoluminescent U1000 aluminium sheet of 1.0 mm (+10%) containing Lumigen III as base chemical covered under UV stabilise coating and of appropriate size (Glosign or eq. Make) including fixing on wall, door, ceiling etc. with proper clamps, hangers, cleats, anchor fasteners etc. complete in all as directed.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>100</td>
<td>sqm</td>
<td>30.00</td>
<td>3000.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total C/f to Summary</strong></td>
<td></td>
<td></td>
<td></td>
<td>132,000.00</td>
</tr>
<tr>
<td></td>
<td><strong>Sub-Head III - SPRINKLER SYSTEM</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Supply, erection, jointing, testing &amp; commissioning of `C' Class MS pipes (as per IS 1239). The pipes being suspended from beams, RCC roof slabs with necessary specials such as tees, bends, flanges reducers etc., complete. Rate quoted shall also include for painting of pipe with one coat of primer &amp; two coats of synthetic enamel paint of approved colour &amp; make.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 25 mm dia</td>
<td>500</td>
<td>Mtr.</td>
<td>310.00</td>
<td>155,000.00</td>
</tr>
<tr>
<td></td>
<td>b) 32 mm dia</td>
<td>60</td>
<td>Mtr.</td>
<td>360.00</td>
<td>21,600.00</td>
</tr>
<tr>
<td></td>
<td>c) 40 mm dia</td>
<td>10</td>
<td>Mtr.</td>
<td>410.00</td>
<td>4,100.00</td>
</tr>
<tr>
<td></td>
<td>d) 50 mm dia</td>
<td>100</td>
<td>Mtr.</td>
<td>530.00</td>
<td>53,000.00</td>
</tr>
<tr>
<td></td>
<td>e) 65 mm dia</td>
<td>25</td>
<td>Mtr.</td>
<td>670.00</td>
<td>16,750.00</td>
</tr>
<tr>
<td></td>
<td>f) 80 mm dia</td>
<td>40</td>
<td>Mtr.</td>
<td>800.00</td>
<td>32,000.00</td>
</tr>
<tr>
<td></td>
<td>g) 100 mm dia</td>
<td>10</td>
<td>Mtr.</td>
<td>1,150.00</td>
<td>11,500.00</td>
</tr>
<tr>
<td></td>
<td>h) 150 mm dia</td>
<td>50</td>
<td>Mtr.</td>
<td>1,700.00</td>
<td>85,000.00</td>
</tr>
<tr>
<td>S.No.</td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
</tr>
<tr>
<td>-------</td>
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</tr>
<tr>
<td>2</td>
<td>Providing and fixing butterfly valve confirming to type P.N. 1.6 of IS 13095-1991 complete with flanges, bolts, nuts, gasket etc. as per specifications complete in all respect hydraulically tested to 20kg/sqcm.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 65mm diameter Class - I</td>
<td>10</td>
<td>each</td>
<td>2,800.00</td>
<td>28,000.00</td>
</tr>
<tr>
<td></td>
<td>b) 80mm diameter Class - I</td>
<td>1</td>
<td>each</td>
<td>3,500.00</td>
<td>3,500.00</td>
</tr>
<tr>
<td></td>
<td>c) 100mm diameter Class - I</td>
<td>1</td>
<td>each</td>
<td>4,300.00</td>
<td>4,300.00</td>
</tr>
<tr>
<td></td>
<td>d) 150mm diameter class - I</td>
<td>1</td>
<td>each</td>
<td>6,500.00</td>
<td>6,500.00</td>
</tr>
<tr>
<td>3</td>
<td>Supply, erection, testing and commissioning of 15mm dia nominal bore quartzoid bulb type sprinklers with temperature rating of 68 deg C conventional type the shall also include suspending arrangement with ceiling, wall arrangement with ceiling, wall beam clamps, fasteners ceiling rosette (incase of false ceiling) etc., complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) Pendent type</td>
<td>175</td>
<td>No</td>
<td>380.00</td>
<td>66,500.00</td>
</tr>
<tr>
<td>4</td>
<td>Supply, erection, testing and commissioning of hydraulically operated sprinkler alarm unit connected to sprinkler system (150 mm dia) comprising of alarm valve, water motor with alarm gong, pressure gauge, drain cock, check valve and pressure reducing valve. The quoted rate shall also including the necessary accessories, the location of the unit shall be as per the detailed drawing.</td>
<td>1</td>
<td>No</td>
<td>35,000.00</td>
<td>35,000.00</td>
</tr>
<tr>
<td>5</td>
<td>Providing and fixing of MS brackets fabricated out of L angle / flats of required size with 6mm / 8mm GI ‘U’ clamps with GI washers and nuts etc., for supporting GI MS sprinkler pipes running suspended in Ground floor and Basement floor ceiling level. The work shall also include making hole grouting the same in RCC slabs / masonry walls with cement concrete and making good the same.</td>
<td>2500</td>
<td>Kgs</td>
<td>80.00</td>
<td>200,000.00</td>
</tr>
<tr>
<td>6</td>
<td>Supplying, installing, testing and commissioning flow switch installed on the sprinkler main distribution line connected to the main sprinkler annunciation panel located in the ground floor.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 100mm</td>
<td>10</td>
<td>Nos</td>
<td>2,500.00</td>
<td>25,000.00</td>
</tr>
<tr>
<td>7</td>
<td>Providing and fixing 25 mm dia inspecting &amp; testing assembly with gunmetal valve, gunmetal sight glass, bypass valve &amp; connected to drain line.</td>
<td>10</td>
<td>Nos</td>
<td>750.00</td>
<td>7,500.00</td>
</tr>
<tr>
<td>8</td>
<td>M.S. Conduit of 16 SWG ISI marked (15:9537-1981Part-11) complete with all fittings viz. tees, bends, junction boxes, clamps/supports etc. To be concealed in slabs/brick work as required or surface laid.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a) 50mm dia.</td>
<td>50</td>
<td>Mtr.</td>
<td>320.00</td>
<td>16,000.00</td>
</tr>
<tr>
<td></td>
<td>b) 32mm dia.</td>
<td>75</td>
<td>Mtr.</td>
<td>280.00</td>
<td>21,000.00</td>
</tr>
<tr>
<td></td>
<td>c) 25mm dia.</td>
<td>75</td>
<td>Mtr.</td>
<td>210.00</td>
<td>15,750.00</td>
</tr>
<tr>
<td>S.No.</td>
<td>Description</td>
<td>Quantity</td>
<td>Unit</td>
<td>Rate</td>
<td>Amount</td>
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<tr>
<td>9</td>
<td>Solid Copper Conductor, PVC insulated ISI marked control cable in existing conduit (IS:694) from individual flow switch on each floor to annunciation panel installed in fire control room including sleeves, cable clips, supports for horizontal runs.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a) 2 x 1.5 Sq.mm.</td>
<td>200</td>
<td>Mtr.</td>
<td>60.00</td>
<td>12,000.00</td>
</tr>
<tr>
<td>10</td>
<td>Providing and fixing modular construction annunciation panel for flow control switches having 3 zones. The panel shall have:</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>a) Fault indication of each zone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>b) Indication of zone fire</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>c) Fire fault Hooter</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>d) Battery for emergency</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>e) Battery charger</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>f) Main supply</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Panel should have interface with main fire alarm panel. (connection to main panel to be made by the contractor)</td>
<td>1</td>
<td>Each</td>
<td>15000.00</td>
<td>15000.00</td>
</tr>
<tr>
<td>11</td>
<td>Providing and fixing wooden cabinet of size 750x600x450mm having full glass front door and locking arrangement with suitable shelves for keeping 50 spare sprinklers and one spanner properly fixed in the cabinet painting with enamel paint of approved make and shade to the approval of Engineer-in-charge.</td>
<td>1</td>
<td>No</td>
<td>5,000.00</td>
<td>5,000.00</td>
</tr>
<tr>
<td></td>
<td><strong>Total C/F to Summary</strong></td>
<td></td>
<td></td>
<td></td>
<td>840,000.00</td>
</tr>
</tbody>
</table>