## NAME OF WORK : CONSTRUCTION OF MULTIPURPOSE HALL AT OULGARET

<table>
<thead>
<tr>
<th>Item.No</th>
<th>Description of Items</th>
<th>Qty</th>
<th>Rate in Fig</th>
<th>Rate in words</th>
<th>Unit</th>
<th>Amount</th>
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<tbody>
<tr>
<td></td>
<td><strong>BUILDING WORK</strong></td>
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<tr>
<td>1</td>
<td>CODE NO: 2.8.1 Earth work in excavation by mechanical means (Hydraulic excavator)/manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms , lift upto 1.5m, including getting out the excavated soil and disposal of surplus excavated soil as directed , within a lead of 50m -All kinds of soil.</td>
<td>1</td>
<td>200.00</td>
<td>one cubic metre</td>
<td>cum</td>
<td>1 cum (one cubic metre)</td>
</tr>
<tr>
<td>2</td>
<td>CODE NO: 2.26.1 Extra for every additional lift of 1.5m or part thereof in - All kinds of soil.</td>
<td>1</td>
<td>35.00</td>
<td></td>
<td>cum</td>
<td>1 cum (one cubic metre)</td>
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<td>3</td>
<td>CODE NO: 2.25 Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50m and lift upto 1.5m.</td>
<td>1</td>
<td>138.00</td>
<td></td>
<td>cum</td>
<td>1 cum (one cubic metre)</td>
</tr>
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<td>4</td>
<td>CODE NO: 2.27 Supplying and filling in plinth with sand under floors including, watering, ramming consolidating and dressing complete.</td>
<td>41.00</td>
<td>1 cum</td>
<td>cum</td>
<td>(one cubic metre)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>CODE NO: 2.34.2 Diluting and injecting chemical emulsion (to be supplied free cost at site of work) for PRE-CONSTRUCTIONAL ANTI-TERMITE treatment and creating a continuous chemical barrier under and around the column pits, wall trenches, basement excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc. complete as per specifications (plinth area of the building at ground floor only shall be measured for payment) - chlorpyriphos emulsifiable concentrate 20% with 1% concentration.</td>
<td>166.00</td>
<td>1 sqm</td>
<td>sqm</td>
<td>(one square metre)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>CODE NO: 2.34.1 Supplying chemical emulsion in sealed containers including delivery as specified - Chlorpyriphos / Lindane emulsifiable concentrate of 20%.</td>
<td>17.00</td>
<td>1 litre</td>
<td>litres</td>
<td>(one litre)</td>
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<td>7</td>
<td>CODE NO: 30.7 Supply of Quary rubbish including stacking to department gauge for</td>
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<td></td>
<td>premeasurement and spreading required thickness as directed by the Engineer-in-charge</td>
<td></td>
<td>135.00</td>
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<td>1 cum</td>
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<td></td>
<td></td>
<td></td>
<td>Cum</td>
<td>(one cubic metre)</td>
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2. CONCRETE WORK

8  CODE NO: 4.1.10  
Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering.  
All work up to plinth level 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size)  
35.00  
1 cum  
(one cubic metre)

3. REINFORCED CONCRETE WORK

9  CODE NO: 5.1.2  
Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement.  
All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)  
55.00  
1 cum  
(one cubic metre)

10 CODE NO: 5.2.2  
Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. up to floor five level
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<tr>
<th>Item No</th>
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<td></td>
<td>excluding cost of centering, shuttering, finishing and reinforcement: 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)</td>
<td>14.00</td>
<td>1 cum</td>
<td></td>
<td></td>
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<tr>
<td>11</td>
<td>CODE NO: 5.3.1 Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size).</td>
<td>93.00</td>
<td>1 cum</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>12</td>
<td>CODE NO: 5.22.6 Reinforcement for R.C.C work including straightening, cutting, bending, placing in position and binding all complete - Thermo - Mechanically treated bars (TISCON / VIZAG / IISCO / SAIL / JSW) including placing the M30 grade Athees make cover block @ 60cm centre to centre</td>
<td>19440.00</td>
<td>1 kg</td>
<td></td>
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<td>13</td>
<td>CODE NO: 5.9.1 Centring and shuttering including strutting, propping etc and removal of form for: Foundations, footings, bases of columns, etc. for mass concrete. Using steel sheet with M.S. frames</td>
<td>78.00</td>
<td>1 sqm</td>
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<td>Item No</td>
<td>Description of Items</td>
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| 14      | CODE NO: 5.9.6  
Centring and shuttering including strutting, propping etc. and removal of form for: columns, pillars, piers, abutments, posts and struts. - Using steel sheet with M.S. frames | 1   | 178.00      | 1 sqm (one square metre) | sqm  |        |
| 15      | CODE NO: 5.9.5  
Centring and shuttering including strutting, propping etc. and removal of form for: lintels, beams, plinth beams, girders, bressumers and cantilevers. - Using steel sheet with M.S. frames | 1   | 414.00      | 1 sqm (one square metre) | sqm  |        |
| 16      | CODE NO: 5.9.3  
Centring and shuttering including strutting, propping etc. and removal of form for: suspended floors, roofs, landings, balconies and access platform - Using steel sheet with M.S. frames | 1   | 424.00      | 1 sqm (one square metre) | sqm  |        |
| 17      | CODE NO: 5.9.7  
Centring and shuttering including strutting, propping etc. and removal of form for: Stairs (excluding landings) except spiral - staircases - with water proof ply 12mm thick, mango / silver wood scantling and casurina poles | 1   | 35.00       | 1 sqm (one square metre) | sqm  |        |
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<th>Amount</th>
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| 18      | CODE NO: 6.1.2  
Brick work with FPS bricks of class designation 35 in foundation and plinth in cement mortar 1:6 (1 cement : 6 coarse sand) |      | 35.50       |               | 1 cum     | (one cubic metre) |
| 19      | CODE NO: 6.4.2  
Brick work with FPS bricks of class designation 35 in superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar 1:6 (1 cement : 6 coarse sand) |      | 216.00      |               | 1 cum     | (one cubic metre) |
| 20      | CODE NO: 6.1.1  
Brick work with FPS bricks of class designation 35 in foundation and plinth in cement mortar 1:4 (1 cement : 4 coarse sand) |      | 1.50        |               | 1 cum     | (one cubic metre) |
| 21      | CODE NO: 6.13.1  
Half brick masonry with FPS bricks of class designation 35 in superstructure above plinth level upto floor V level in cement mortar 1:3 (1 cement: 3 coarse sand) |      | 46.00       |               | 1 sqm     | (one square metre) |
| 22      | CODE NO: 6.15  
Extra for providing and placing in position 2 nos. 6mm dia MS bars at every third course of half brick masonry (with FPS bricks). |      | 46.00       |               | 1 sqm     | (one square metre) |
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<tr>
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<tr>
<td>23</td>
<td>CODE NO: 9.1.1B</td>
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<tr>
<td></td>
<td>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position - Burma teak wood.</td>
<td>0.35</td>
<td>1 cum cum (one cubic metre)</td>
<td></td>
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<tr>
<td>24</td>
<td>CODE NO: 9.5.1.1B</td>
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<td></td>
<td>Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding panelling which will be paid for separately. - Burma Teak wood - 35mm thick shutters.</td>
<td>8.00</td>
<td>1 sqm sqm (one square metre)</td>
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<td>25</td>
<td>CODE NO: 9.7.1B</td>
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<td>Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25mm to 40mm thick: Burma teak wood</td>
<td>10.00</td>
<td>1 sqm sqm (one square metre)</td>
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<tr>
<td>26</td>
<td>CODE NO: 9.1.2P</td>
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<tr>
<td></td>
<td>Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position - Padak wood</td>
<td>3.00</td>
<td>1 Cum Cum (one cubic metre)</td>
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<td>Item.No</td>
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<tr>
<td>27</td>
<td>CODE NO: 9.5.1.1P Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows including ISI marked black enamelled M.S butt hinges with necessary screws excluding panelling which will be paid for separately. - Padak wood teak wood - 35mm thick shutters.</td>
<td></td>
<td>15.00</td>
<td>1 sqm</td>
<td>(one square metre)</td>
<td></td>
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<tr>
<td>28</td>
<td>CODE NO: 9.119 Providing and fixing factory made P.V.C. door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet mitred at corners and joined with 2nos.of 150mm long brackets of 15x15mm M.S.square tube, the vertical door profiles to be reinforced with 19x19mm M.S.square tube of 19 gauge,EPDM rubber gasket weather seal to be provided through out the frame.The door frame to be fixed to the wall using M.S.screws of 65/100mm size complete as per manufacturers specification.</td>
<td></td>
<td>40.00</td>
<td>1 metre</td>
<td>(one metre)</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>CODE NO: 9.118.2 Providing and fixing to existing door frames - 30mm thick factory made (polyvinyl chloride) PVC door shutters made of styles and rails of a UPVC profile section of size 30x60mm and wall thickness 2mm +or- 0.2mm with inbuilt decorative moulding edging on one side. The styles and rails with plastic</td>
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<td>Item.No</td>
<td>Description of Items</td>
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<td>brackets of size 75x220mm metre and welded at the corners. The stiles of the shutter reinforced by inserting galvanized M.S. tube of size 25x20mm and 1mm + or - 0.1mm wall thickness. The lock rail made up of 'H' section, a UPVC profile section of size 30mm x 100mm and 2mm + or - 0.2 wall thickness welded to the shutter style with a UPVC profile section single panel of size not less than 620mm, having overall thickness of 20mm and 1mm + or - 0.1mm wall thickness with 20mm panel beading of suitable size / glass (4mm thick plain glass) / louver section, louver frame of suitable size, as per manufactures specification. (For W.C. and bathroom door shutter)</td>
<td>13.00</td>
<td>sqm</td>
<td>1 sqm.</td>
<td>(one square metre)</td>
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<tr>
<td>30</td>
<td>CODE NO: 9.55.1 Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.complete - 125x65x2.12mm</td>
<td></td>
<td>48.00</td>
<td>1No.</td>
<td></td>
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<tr>
<td>31</td>
<td>CODE NO: 9.55.2 Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.complete - 100x58x1.90mm</td>
<td></td>
<td>84.00</td>
<td>1No.</td>
<td></td>
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<tr>
<td>32</td>
<td>CODE NO: 9.55.3 Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.complete - 75x47x1.70mm</td>
<td></td>
<td>96.00</td>
<td>1No.</td>
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<td>Item.No</td>
<td>Description of Items</td>
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<td>33</td>
<td>CODE NO: 9.96.1 Providing and fixing aluminium sliding door 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:- 300x16mm</td>
<td>1No</td>
<td>12.00</td>
<td>1 No (one number)</td>
<td>Nos.</td>
<td></td>
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<tr>
<td>34</td>
<td>CODE NO: 9.96.2 Providing and fixing aluminium sliding door 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:- 250x16mm</td>
<td>1 No</td>
<td>12.00</td>
<td>1 No (one number)</td>
<td>Nos.</td>
<td></td>
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<tr>
<td>35</td>
<td>CODE NO: 9.97.2 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 necessary screws etc.complete : -250x10mm</td>
<td>1 No</td>
<td>12.00</td>
<td>1 No (one number)</td>
<td>Nos.</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>CODE NO: 9.97.4 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 necessary screws etc.complete : - 150x10mm</td>
<td>1No</td>
<td>36.00</td>
<td>1No (one number)</td>
<td>Nos.</td>
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<td>Description of Items</td>
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<td>37</td>
<td>Providing and fixing IS:3564 make aluminium die cast body tubular type universal</td>
<td>6.00</td>
<td>1No</td>
<td>1No</td>
<td>Nos.</td>
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<td>hydraulic door closer with necessary accessories and screws etc complete</td>
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<td></td>
<td>one number</td>
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<td>38</td>
<td>Providing and fixing chromium plated brass 100 mm mortice latch and lock with</td>
<td>12.00</td>
<td>1No</td>
<td>1No</td>
<td>Nos.</td>
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<td>6 levers and a pair of lever handles with necessary screws etc complete (best make</td>
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<td>one number</td>
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<td>of approved quality)</td>
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<td>39</td>
<td>Providing and fixing in position collapsible steel shutters with vertical channels</td>
<td>7.00</td>
<td>1 sqm</td>
<td>1 sqm</td>
<td>sqm</td>
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<td>20x10x2mm and braced with flat iron diagnals 20x5mm size with top and bottom rail</td>
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<td>one square metre</td>
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<td></td>
<td>of T-iron 40x40x6mm with 40mm dia steel pulleys complete with bolts, nuts, locking</td>
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<td>arrangement, stoppers, handles, including applying a priming coat of approved steel primer.</td>
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<tr>
<td>40</td>
<td>Supplying and fixing of steel grill work of m.s. angles, flats, squares and pipes</td>
<td>618.00</td>
<td>1 kg</td>
<td>1 kg</td>
<td>kg</td>
<td></td>
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<td></td>
<td>including cost of welding charges, fixing in position in masonry walls with cement</td>
<td></td>
<td></td>
<td>one Kilogram</td>
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<td></td>
<td>concrete 1:2:4 (1 cement : 2 course sand : 4 graded stone aggregate 12.5mm nominal</td>
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<td>size) including one coat of priming coat etc. complete.</td>
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<td>41</td>
<td>CODE NO: 21.1.2.1 Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections / appropriate Z sections and other sections of approved make conforming to IS : 733 and IS : 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC / neoprene felt etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings. (Glazing and panelling to be paid for separately) : For shutters of doors, windows and 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) Anodised aluminium (anodised transparent or dyed to required shade according to IS : 1868, minimum anodic coating of grade AC15).</td>
<td>1</td>
<td>119.00</td>
<td>1 Kg (one kilogram)</td>
<td>Kg</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>CODE NO: 21.3.1 Providing and fixing glazing in aluminium door, window, ventilator</td>
<td></td>
<td></td>
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<td>Item.No</td>
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<td>Rate in words</td>
<td>Unit</td>
<td>Amount</td>
</tr>
<tr>
<td>43</td>
<td>CODE NO: 11.26.1 Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand). 25mm thick.</td>
<td>1</td>
<td>176.00</td>
<td>Sqm</td>
<td>1 Sqm</td>
<td>176.00</td>
</tr>
<tr>
<td>44</td>
<td>CODE NO: 11.41.2A Providing and laying fully vitrified floor tiles of size 60x60cm (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and conforming to IS: 15622 of approved make (Nitco / Rak / Johnson / Asian) in all colors and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete. Size of Tile 600x600mm.</td>
<td>1</td>
<td>175.00</td>
<td>Sqm</td>
<td>1 sqm</td>
<td>175.00</td>
</tr>
<tr>
<td>45</td>
<td>CODE NO: 11.22.1.1 Tile work in skirting, risers of steps and dado (upto 2m height) over 12mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry @ 3.3kg/sqm including</td>
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<td>Item.No</td>
<td>Description of Items</td>
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<tr>
<td>46</td>
<td>CODE NO: 11.51 Providing and laying 22mm thick factory made pre polished cement concrete flooring tiles of required colour and design over 20 mm thick cement mortar 1:4 (1 cement : 4 sand) and jointed with cement slurry mixed with an admixture of pigment to match the shade of the tile - (Endura \ Ultra \ Dazzle \ Technic)</td>
<td></td>
<td>44.00</td>
<td>1 sqm</td>
<td>(one square metre)</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>CODE NO: 11.37.1 Providing and laying ceramic glazed floor tiles 300X300mm (thickness to be specified by the manufacture) of 1st quality conforming to IS : 15622 of approved make (Nitco / Kajaria ) in colours such as white, ivory, grey, fume red, brown laid on 20mm thick cement mortar 1:4(1 cement : 4 Coarse sand) including pointing the joints with white cement and matching pigment etc., complet</td>
<td></td>
<td>15.00</td>
<td>1 sqm</td>
<td>(one square metre)</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>CODE NO: 11.36B Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS : 15622 (thickness to be specified by the manufacture of approved make (Jhonson / Asian / Somany / Nitco) in</td>
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<td>Item.No</td>
<td>Description of Items</td>
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<td>Rate in words</td>
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<tr>
<td></td>
<td>all colours, shades of size 300 x 450 mm as approved in skirting, risers of steps and dados over 12mm 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. - size 300x450mm</td>
<td>1</td>
<td>156.00</td>
<td>1 sqm</td>
<td></td>
<td>1 sqm</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>sqm</td>
<td>(one square metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>CODE NO: 11.3.1 Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement including cement slurry, but excluding the cost of nosing of steps etc. complete. 40mm thick with 20mm nominal size stone aggregate.</td>
<td>1</td>
<td>13.00</td>
<td>1 Sqm</td>
<td></td>
<td>1 Sqm</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sqm</td>
<td>(one square metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>CODE NO: 12.20L Lime concrete terracing on roofs of required thickness laid to fall with 25mm nominal size brick aggregate and 50% lime mortar 1:2 (1 lime putty : 2 surkhi) rammed and finished with gur and belgiri treatment complete including rounding of junctions with parapet wall complete</td>
<td>1</td>
<td>22.00</td>
<td>1 cum</td>
<td></td>
<td>1 cum</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>cum</td>
<td>(one cubic metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>51</td>
<td>CODE NO: 12.20 Providing and laying pressed clay tiles (as per approved pattern 20mm nominal thickness and of approved size) on roofs jointed with cement mortar 1:4 (1 cement</td>
<td>1</td>
<td>15</td>
<td>1</td>
<td></td>
<td></td>
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<tr>
<td>Item.No</td>
<td>Description of Items</td>
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<td></td>
<td>(4 coarse sand) mixed with 2% integral water proofing compound laid over a bed of 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) and finished neat complete.</td>
<td>1</td>
<td>181.00</td>
<td></td>
<td>1 Sqm</td>
<td>(one square metre)</td>
</tr>
<tr>
<td>52</td>
<td>CODE NO: 12.41.2 Providing and fixing on wall face unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion, (i) single socketed pipes. 110mm diameter.</td>
<td>1</td>
<td>36.00</td>
<td></td>
<td>1 metre</td>
<td>(one metre)</td>
</tr>
<tr>
<td>53</td>
<td>CODE NO: 12.42.5.2 Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Bend 87.5deg. 110mm bend.</td>
<td>1</td>
<td>9.00</td>
<td></td>
<td>1 No</td>
<td>(one number)</td>
</tr>
<tr>
<td>54</td>
<td>CODE NO: 12.42.6.2 Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Shoe(plain)110mm shoe.</td>
<td>1</td>
<td>9.00</td>
<td></td>
<td>1 No</td>
<td>(one number)</td>
</tr>
<tr>
<td>Item.No</td>
<td>Description of Items</td>
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<td>55</td>
<td>Providing and fixing unplasticised - PVC clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1 cement : 4 coarse sand) and making good the wall etc. complete. 110mm</td>
<td>1 No</td>
<td>60.00</td>
<td></td>
<td>Nos. (one number)</td>
<td>110mm</td>
</tr>
<tr>
<td>56</td>
<td>6mm cement plaster of mix 1:3 (1 cement : 3 fine sand).</td>
<td>1 sqm</td>
<td>368.00</td>
<td></td>
<td>sqm (one square metre)</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>12mm cement plaster of mix: Cement mortar 1:4 (1 cement : 4 fine sand)</td>
<td>1 sqm</td>
<td>623.00</td>
<td></td>
<td>sqm (one square metre)</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>15mm cement plaster on rough side of single or half brick wall of mix - 1:4 (1 cement : 4 coarse sand)</td>
<td>1 sqm</td>
<td>664.00</td>
<td></td>
<td>sqm (one square metre)</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement 20 mm cement plaster.</td>
<td>1 sqm</td>
<td>48.50</td>
<td></td>
<td>sqm (one square metre)</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>White washing with lime to give on even shade - New work (three or more coats).</td>
<td>1 sqm</td>
<td>1655.00</td>
<td></td>
<td>sqm (one square metre)</td>
<td></td>
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<tr>
<td>Item.No</td>
<td>Description of Items</td>
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<td>Rate in Fig</td>
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<tr>
<td>61</td>
<td>CODE NO: 13.47.1 Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade - New work (Two or more coats applied @ 1.43 ltr / 10 sqm over and including base coat of waterproof cement paint applied @ 2.20 kg/10 sqm).</td>
<td>1</td>
<td>623.00</td>
<td>sgm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>CODE NO: 13.42.1 Distempering with 1st quality acrylic washable distemper (ready made) of approved manufacturer and of required shade and colour complete, as per manufacturer specification - Two or more coats on new work.</td>
<td>1</td>
<td>664.00</td>
<td>sgm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>CODE NO: 13.50.1 Applying priming coat - with ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood).</td>
<td>1</td>
<td>59.00</td>
<td>sgm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64</td>
<td>CODE NO: 13.50.3 Applying priming coat: with ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works.</td>
<td>1</td>
<td>33.00</td>
<td>sgm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>CODE NO: 13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade - Two or more coats on new work.</td>
<td>1</td>
<td>92.00</td>
<td>sgm</td>
<td></td>
<td></td>
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<tr>
<td>Item.No</td>
<td>Description of Items</td>
<td>Qty</td>
<td>Rate in Fig</td>
<td>Rate in words</td>
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<tr>
<td>66</td>
<td>12mm thick plain cement mortar bands in cement mortar 1:4 (1 cement : 4 fine sand) - Moulded Band. (Cost for 1 metre long and 1 cm wide band)</td>
<td>6000.00</td>
<td>1 unit</td>
<td></td>
<td>one unit</td>
<td></td>
</tr>
<tr>
<td>67</td>
<td>Providing and fixing white vitreous china water closet squatting pan (Indian type) Orissa pattern WC pan of size 580 x 440 mm.</td>
<td>6.00</td>
<td>1 No.</td>
<td></td>
<td>one number</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>Providing and fixing wash basin with CI brackets, 15mm CP brass pillar taps 32 mm CP brass waste of standard pattern including painting of fittings and brackets, cutting and making good the walls wherever required White vitreous china angle back wash basin size 600x480mm with single 15mm CP brass pillar taps.</td>
<td>8.00</td>
<td>1 No.</td>
<td></td>
<td>one number</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>Providing and fixing 600x450mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P brass screws and washers complete.</td>
<td>8.00</td>
<td>1 No.</td>
<td></td>
<td>one number</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete - Semi rigid pipe - 40mm dia.</td>
<td>8.00</td>
<td>1 No.</td>
<td></td>
<td>one number</td>
<td></td>
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<td>Item.No</td>
<td>Description of Items</td>
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<tr>
<td>71</td>
<td>CODE NO: 17.73.2</td>
<td></td>
<td>4.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm, weighing not less than 190 gm.</td>
<td>1 No.</td>
<td></td>
<td>1 No. (one number)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>72 CODE NO: 31.161.1F</td>
<td></td>
<td>120.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducers, endcaps etc., complete all as per IS and CPWD specification. - 110mm dia.</td>
<td>1 metre</td>
<td></td>
<td>1 metre (one metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>73 CODE NO: 31.161.1D</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, UPVC specials such as</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Item.No</td>
<td>Description of Items</td>
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<td>Rate in Fig</td>
<td>Rate in words</td>
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<tr>
<td>74</td>
<td>Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.6 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducers, endcaps etc., complete all as per IS and CPWD specification. - 90mm dia.</td>
<td>1</td>
<td>120.00</td>
<td>120.00</td>
<td>1 metre</td>
<td>(one metre)</td>
</tr>
<tr>
<td>75</td>
<td>Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot &amp; cold water supply including all CPVC plain &amp; brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes &amp; fitting with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete (Concealed work including cutting chases and making good the walls etc.) - 20mm nominal outer dia pipes.</td>
<td>1</td>
<td>60.00</td>
<td>60.00</td>
<td>1 metre</td>
<td>(one metre)</td>
</tr>
<tr>
<td>Item.No</td>
<td>Description of Items</td>
<td>Qty</td>
<td>Rate in Fig</td>
<td>Rate in words</td>
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<tr>
<td>76</td>
<td>CODE NO: 18.8.3 Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot &amp; cold water supply including all CPVC plain &amp; brass threaded fittings i/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes &amp; fitting with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete (Concealed work including cutting chases and making good the walls etc.) - 25mm nominal outer dia pipes.</td>
<td>90.00</td>
<td>90.00</td>
<td>1 metre (one metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>77</td>
<td>CODE NO: 18.9.5 Providing and fixing chlorinated polyvinyl chloride (CPVC) pipes having thermal stability for hot &amp; cold water supply including all CPVC plain &amp; brass threaded fittings this included jointing of pipes &amp; fittings with one step CPVC solvent cement, trenching refilling &amp; testing of joints complete (External work) - 40mm nominal outer dia pipes.</td>
<td>60.00</td>
<td>60.00</td>
<td>1 metre (one metre)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>CODE NO: 31.9.3 Providing and fixing brass gate valve with C.I. wheel of approved quality (screwed end) - 25mm nominal bore.</td>
<td>4.00</td>
<td>4.00</td>
<td>1 No (one number)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>79</td>
<td>CODE NO: 31.9.5 Providing and fixing brass gate valve</td>
<td></td>
<td></td>
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<td>Item.No</td>
<td>Description of Items</td>
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<tr>
<td>80</td>
<td>Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI: 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet outlet and overflow pipes but without fittings and the base support for tank</td>
<td>5000.00</td>
<td>litre</td>
<td>5000.00</td>
<td>litres</td>
<td>5000.00</td>
</tr>
<tr>
<td>81</td>
<td>Cutting holes upto 30x30 cm in walls including making good the same with FPS bricks.</td>
<td>12.00</td>
<td>hole</td>
<td>12.00</td>
<td>holes</td>
<td>12.00</td>
</tr>
<tr>
<td>82</td>
<td>Providing and fixing ball valve (brass) of approved quality complete. high or low pressure with plastic floats - 25 mm nominal bore.</td>
<td>8.00</td>
<td>No</td>
<td>8.00</td>
<td>Nos.</td>
<td>8.00</td>
</tr>
<tr>
<td>83</td>
<td>Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS 8931 - 15 mm nominal bore.</td>
<td>36.00</td>
<td>No</td>
<td>36.00</td>
<td>Nos.</td>
<td>36.00</td>
</tr>
<tr>
<td>84</td>
<td>Providing and fixing uplasticised PVC connection pipe with brass unions 30 cm length 15mm nominal bore.</td>
<td>24.00</td>
<td>No</td>
<td>24.00</td>
<td>Nos.</td>
<td>24.00</td>
</tr>
<tr>
<td>Item.No</td>
<td>Description of Items</td>
<td>Qty</td>
<td>Rate in Fig</td>
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<td>85</td>
<td>CODE NO: 18.58.2.1</td>
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<td>Providing and fixing PTMT grating of approved quality and colour Rectangular type with openable Circular lid 150 mm nominal size square 100 mm diameter of the inner hinged round grating.</td>
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<td>1No. (one number)</td>
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<td>86</td>
<td>CODE NO: 18.22.1</td>
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<td>4.00</td>
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<td>1No. (one number)</td>
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<td>Providing and fixing CP brass shower rose with 15 or 20 mm inlet 100 mm diameter.</td>
<td>4.00</td>
<td>Nos.</td>
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<td>Providing and fixing uplasticised PVC connection pipe with brass unions 45 cm length 15 mm nominal bore.</td>
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<td>88</td>
<td>CODE NO: 18.49.1</td>
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<td>Providing and fixing CP brass bib cock of approved quality conforming to IS 8931 - 15mm nominal bore.</td>
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<td>89</td>
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<td>Providing and fixing CP brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms - 15mm nominal bore.</td>
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<td>90</td>
<td>CODE NO: 31.162.1D</td>
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<td>24.00</td>
<td></td>
<td>1No. (one number)</td>
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|         | Providing, laying and jointing UPVC pipes(Finolex/Jain) (0.4 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to
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<tr>
<th>Item No</th>
<th>Description of Items</th>
<th>Qty</th>
<th>Rate in Fig</th>
<th>Rate in words</th>
<th>Unit</th>
<th>Amount</th>
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<tbody>
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<td></td>
<td>proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducers, endcaps etc., complete all as per IS and CPWD specification. - 110mm dia.</td>
<td></td>
<td>120.00</td>
<td></td>
<td>1 metre</td>
<td>91 CODE NO: 31.162.1B</td>
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<tr>
<td>91</td>
<td>Providing, laying and jointing UPVC pipes (Finolex/Jain) (0.4 Mpa) conforming to IS specification 4985 and ISI marked including transportation to the site, lowering to the trenches, laying to proper grade and alignment, testing of joints with required testing equipment, including cost of solvent cement, excluding UPVC specials such as bends, tees, threaded pieces, couplers, reducers, endcaps etc., complete all as per IS and CPWD specification. - 75 mm dia.</td>
<td></td>
<td>90.00</td>
<td></td>
<td>1 metre</td>
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<td>92</td>
<td>Providing and fixing in position UPVC fabricated bend (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI marked, including labour charges for jointing, jointing materials etc., complete - 110 mm dia</td>
<td></td>
<td>24.00</td>
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<td>1 No.</td>
<td>92 CODE NO: 31.178.1D</td>
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<td>Qty</td>
<td>Rate in Fig</td>
<td>Rate in words</td>
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<td>93</td>
<td>CODE NO: 31.178.1B Providing and fixing in position UPVC fabricated bend (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI marked, including labour charges for jointing, jointing materials etc, complete - 75 mm dia</td>
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<td>(one number)</td>
<td>Nos.</td>
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<td>94</td>
<td>CODE NO: 31.175.1D Providing and fixing in position UPVC fabricated coupler (Finolex/Jain)(0.6 Mpa) conforming to IS 7834 part II and ISI marked, including labour charges for jointing, jointing materials etc, complete - 110 mm dia</td>
<td>24.00</td>
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<td>(one number)</td>
<td>Nos.</td>
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<td>95</td>
<td>CODE NO: NPSR Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS: 13592 type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion. Single Tee with door 110X110X110mm.</td>
<td>12.00</td>
<td>1No.</td>
<td>(one number)</td>
<td>Nos.</td>
<td></td>
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<td>96</td>
<td>CODE NO: 12.42.4.1 Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS: 13592 type A including jointing with seal ring conforming to IS: 5382 leaving 10mm gap for thermal expansion. Single Tee with out door 75X75X75mm.</td>
<td>12.00</td>
<td>1No.</td>
<td>(one number)</td>
<td>Nos.</td>
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<td>Item.No</td>
<td>Description of Items</td>
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<td>97</td>
<td><strong>CODE NO: 12.42.4.2</strong> Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Single Tee with out door 110X110X110mm.</td>
<td>10.00</td>
<td>10.00</td>
<td>1No. (one number)</td>
<td>Nos.</td>
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<td>98</td>
<td><strong>CODE NO: 12.43.1</strong> Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1 cement : 4 coarse sand) and making good the wall etc. complete. 75mm</td>
<td>60.00</td>
<td>60.00</td>
<td>1No. (one number)</td>
<td>Nos.</td>
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<td>99</td>
<td><strong>CODE NO: 12.43.2</strong> Providing and fixing unplasticised - PVC clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. screws of required length including cutting brick work and fixing in cement mortar 1:4(1 cement : 4 coarse sand) and making good the wall etc. complete. 110mm</td>
<td>60.00</td>
<td>60.00</td>
<td>1No. (one number)</td>
<td>Nos.</td>
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<td>Item No</td>
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<td>100</td>
<td><strong>CODE NO: 12.42.6.2</strong> Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Shoe (plain) 110mm shoe.</td>
<td>1</td>
<td>12.00</td>
<td>1No.</td>
<td>Nos.</td>
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<td>101</td>
<td><strong>CODE NO: 12.42.6.1</strong> Providing and fixing on wall face unplasticised- PVC moulded fittings / accessories for unplasticised rigid PVC rain water pipes conforming to IS : 13592 type A including jointing with seal ring conforming to IS : 5382 leaving 10mm gap for thermal expansion. Shoe (plain) 75mm shoe.</td>
<td>1</td>
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<td>102</td>
<td><strong>CODE NO: 19.72.1A (PSR-2009-10)</strong> Providing and fixing PVC trap with PVC grating with or without vent arm Complete including providing necessary lubricant and slip ring for fixing fittings, cost of cutting and making good the walls and floors-110mm inlet and 110 mm outlet</td>
<td>1</td>
<td>12.00</td>
<td>1No.</td>
<td>Nos.</td>
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<td>103</td>
<td><strong>CODE NO: NPSR</strong> Providing and fixing PVC trap with PVC grating with or without vent arm Complete including providing necessary lubricant and slip ring for fixing</td>
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<tr>
<td>104</td>
<td>Fittings cost of cutting and making good the walls and floors-75 mm inlet and 110 mm outlet</td>
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<td>105</td>
<td>Providing and fixing in position UPVC moulded reducer coupler (Finolex/Jain) (0.6 Mpa) conforming to IS 7834 part II and ISI marked, including labour charges for jointing, jointing materials etc, complete - 110 x 75mm dia</td>
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<td>18.00</td>
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<td>106</td>
<td>Providing and fixing square mouth SW gully trap grade 'A' complete with CI grating brick masonry chamber with water tight CI cover with frame of 300x300mm 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 100x100mm size P type with FPS Bricks class designation 75.</td>
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<td>12.00</td>
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<td>1 trap Trap (one trap)</td>
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<td>107</td>
<td>Constructing brick masonry chamber for underground CI inspection chamber and bends with 75 class designation bricks in cement mortar 1:4 (1 cement: 4 coarse sand) CI cover with frame (light duty) 455 x 610 mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) R.C.C top slab with 1:2:4 mix (1 cement :2 coarse sand:4 graded stone aggregate 20 mm</td>
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<td>1 trap Trap (one trap)</td>
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<td>nominal size) foundation concrete 1:5:10 (1 cement: 5 fine sand: 10 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1 cement: 3 coarse sand) finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete as per standard design Inside dimensions 500 x 700 mm and 45 cm deep for pipe line with one or two inlets with F.P.S bricks.</td>
<td>12.00</td>
<td></td>
<td></td>
<td></td>
<td>1chamber</td>
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<td>(one chamber)</td>
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<td></td>
<td>Constructing masonry Chamber 30 x 30 x 50 cm, inside with 35 class designation brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for stop cock, with C.I. surface box 100 x 100 x 75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) necessary excavation foundation concrete 1:5:10 (1 cement :5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design - with brick class designation 35.</td>
<td>12.00</td>
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<td>1 No Nos.</td>
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<th>Rate in Fig</th>
<th>Rate in words</th>
<th>Unit</th>
<th>Amount</th>
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<tr>
<td>108</td>
<td>CODE NO: 32.39.2 Making soak pit 2.5m diameter 3.0 metre deep with 45x45cm dry brick honey comb shaft with bricks of class designation 35 and S.W drain pipe 100mm diameter, 1.8m long complete as per standard design - with brick of class designation 35.</td>
<td>1.00</td>
<td>1 No</td>
<td>(one number)</td>
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