Sub: Tender for Construction of 660 Dwelling unit in 33 nos blocks of G+3 at Kasidih, Adityapur & 60 Dwelling units in 3 nos blocks of G+3 at Saraikela (Norodih) under Pradhan Mantri Awas Yojana (Urban) at Jamshedpur in the state of Jharkhand.

Ref: NIT No.: ERO/MMD/780/1108 dtd: 06.06.2019

The following provisions of the tender documents are hereby modified / revised as follows:

1. Clause No. 9 of ACC (page No.6,7,8) ‘Taxes and Duties’ is revised as

   Clause no. 13 of GCC shall be amended / deleted as per below:

   The award of the Contract shall be on ‘Work Contract’ as defined in section 2 (119) of the CGST Act, 2017. The rates/amount quoted in the Bill of Quantities shall be inclusive of all taxes, duties, labour cess, other cess, levies, fees, royalty, etc, including Goods and Service Tax (GST). The Goods and Services Tax (GST) applicable on all items of Works described in the Bill of Quantities, shall be quoted separately in attachment entitled “Annexure- I - Taxes & Duties” in Vol. III.

   Due Input Tax credits under GST as per the relevant Govt. Policy, wherever applicable, shall be taken into account by the Bidder while quoting his price. Income Tax and other Deductions of Taxes at source & labour cess as applicable shall be deducted from Bills / due payment of the Supplier.

   If a new tax, duty or levy is imposed under statute or law in India after the base date, seven (7) days prior to date of Techno-Commercial bid opening and the successful bidder becomes liable there under to pay and actually pays the said new tax, duty or levy for bonafide use on the Works contracted, the same shall be reimbursed to the successful bidder against documentary evidence of proof of payment subject to the condition that same is borne by the owner, JUIDCO.

   Similarly for any deletion of existing taxes, duties & levies after the base date, as specified above the amount payable will be reduced accordingly. In case of any reduction in rate of GST or other taxes in future or the project getting exemption status after base date as defined above, the contractor shall pass on the benefit to EPI immediately, failing which EPI shall have right to recover the differential amount from the amounts due Contractor. The decision of Engineer-In- Charge in this matter will be final and binding on the contractor.
The Contractor/Supplier shall, within a period of 15 days of the imposition of any such new tax, duty or levy give a written notice thereof to the Engineer-in-Charge of EPI that the same is given pursuant to this condition, together with all necessary information relating thereto. If the Contractor fails to give notice of a claim within such period of 15 days, the Contractor shall not be entitled to such claim/ additional payment, and EPI shall be discharged from all liability in connection with the claim.

The payment/reimbursement of new tax, duty or levy imposed under statute or law in India as per above, would be restricted only to direct transactions between EPI and the successful bidder.

a. It shall be incumbent upon the successful bidder to obtain a registration certificate under the GST Law, and other law(s) relating to levy of tax, duty, cess etc. and necessary evidence & GSTIN number to this effect shall be furnished by the successful bidder to the EPI.

b. The successful bidder must submit as compliances of GST Act, the invoices in GST compliant format failing which the GST amount shall be recovered / adjusted by EPI without any prior notice from the next invoices or available dues with EPI.

c. The successful bidder should update /upload the GST/Taxes data periodically so as to avail ITC credit by EPI failing which it shall be recovered / adjusted by EPI without any prior notice from the next invoices or available dues with EPI.

d. The rates/amount quoted in the Schedule of Quantities shall be inclusive of all taxes, duties, cess, levies, fees, royalty, etc, including Goods and Service Tax (GST).

e. The Bidder while quoting the rates in the tender must also consider the ITC Credit applicable for the works, if any.

2. Existing ‘Price bid including BOQ’ in Volume III of the tender document is replaced as ‘Annexure A’ (enclosed).


   a) Input Field “Price Quoted in Figures” shall be inclusive of GST.

   b) Input Field “GST @12%” is already considered in the quoted price at BOQ.

All other terms & conditions of NIT No. - ERO/MMD/780/1108 dtd: 06.06.2019 remain unchanged.

GGM (MMD)
Engineering Projects (India) Ltd.

Date: 20.06.2019
TENDER DOCUMENT

TENDER No: ERO/MMD/780/1108

Tender for Construction of 660 Dwelling unit in 33 nos blocks of G+3 at Kasidih, Adityapur & 60 Dwelling units in 3 nos blocks of G+3 at Saraikela (Norodih) under Pradhan Mantri Awas Yojana (Urban) at Jamshedpur in the state of Jharkhand.

VOLUME – III

Bill of Quantity cum Quoting Sheet

ENGINEERING PROJECTS (INDIA) LIMITED
(A GOVT. OF INDIA ENTERPRISE)

9th Floor, 50, Chowringhee Road,
Kolkata – 700071
Tender for “Construction of 660 Dwelling unit in 33 nos of G+3 at Kasidih, Adityapur & 60 Dwelling units in 3 nos of G+3 at Saraikela (Norodih) under Pradhan Mantri Awas Yojana (Urban).- Package-II”

Quoting Sheet

e-Tender No: ERO/MMD/780/1108

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Description</th>
<th>Estimated Amount (Rs.)</th>
<th>Bidder’s Price</th>
<th>Amount in Rs. after adding percentage</th>
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<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Construction of 660 Dwelling unit in 33 nos of G+3 at Kasidih, Adityapur &amp; 60 Dwelling units in 3 nos of G+3 at Saraikela (Norodih) under Pradhan Mantri Awas Yojana (Urban).- Package-II</td>
<td>₹ 40,58,97,233.78</td>
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<tr>
<td>2</td>
<td>Total Quoted Amount (Rounded Of)</td>
<td>₹ 40,58,97,234.00</td>
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</tbody>
</table>

Note: The quoted price by the bidder is inclusive of all taxes, duties, cess, levies, Fees, royalty & Goods and Service Tax (GST) etc. Amount in figures and amount in words must be filled in the designated cell as depicted above.

Bidder’s Financial Offer

_In Figure_ Rs. ____________________________________________________________________________

_In Words_ Rupees __________________________________________________________________________

nos blocks of G+3 at Saraikela (Norodih) under Pradhan Mantri Awas Yojana (Urban) at Jamshedpur in the state of Jharkhand.

(Seal & Signature of Bidder)
<table>
<thead>
<tr>
<th>SI No</th>
<th>Description</th>
<th>Amount of bid price on which applicable (Rs.)</th>
<th>Rate of the tax as on seven (7) days prior to last date of submission of bid</th>
<th>Amount (Rs.)</th>
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<tr>
<td>1</td>
<td>GST</td>
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<tr>
<td>2</td>
<td>Any other Tax(es) (Please specify)</td>
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<tr>
<td></td>
<td>Total=</td>
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<tr>
<td>Sl. No.</td>
<td>Code No. / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
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<td>-------------</td>
<td>------</td>
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<tr>
<td>1</td>
<td>2.0</td>
<td>EARTH WORK</td>
<td></td>
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<tr>
<td>2</td>
<td>2.1</td>
<td>Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including disposal of excavated earth upto 50 m and lift upto 1.5 m, disposed soil to be levelled and neatly dressed:</td>
<td>Sqm</td>
<td>11160</td>
</tr>
<tr>
<td>3</td>
<td>2.1.1</td>
<td>All kinds of soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>2.6</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.</td>
<td>Cum</td>
<td>3369.2</td>
</tr>
<tr>
<td>5</td>
<td>2.8.1</td>
<td>All kinds of soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>2.8</td>
<td>Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.</td>
<td>Cum</td>
<td>3978</td>
</tr>
<tr>
<td>7</td>
<td>2.26.1</td>
<td>Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.</td>
<td>Cum</td>
<td>392.6</td>
</tr>
<tr>
<td>8</td>
<td>2.26</td>
<td>All kinds of soils</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>2.10</td>
<td>Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m:</td>
<td>Cum</td>
<td>8359.2</td>
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<td>10</td>
<td>2.10.1</td>
<td>All kinds of soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>2.10.1.2</td>
<td>Pipes, cables, etc. exceeding 80 mm dia but not exceeding 300 mm dia,</td>
<td>Metre</td>
<td>2653.6</td>
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<tr>
<td>12</td>
<td>2.25</td>
<td>Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.</td>
<td>Cum</td>
<td>428</td>
</tr>
<tr>
<td>13</td>
<td>1.1.2</td>
<td>Carriage of Earth by mechanical transport including loading, unloading &amp; Stacking, payment of royalty and carriage up to 5 KM, levelling &amp; neatly dressing of disposed soil completely as directed by Engineer-in-charge.</td>
<td>Cum</td>
<td>559.4</td>
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<tr>
<td>14</td>
<td>2.27</td>
<td>Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.</td>
<td>Cum</td>
<td>51.74</td>
</tr>
<tr>
<td>15</td>
<td>2.34</td>
<td>Supplying chemical emulsion in sealed containers including delivery as specified</td>
<td>litre</td>
<td>792</td>
</tr>
<tr>
<td>16</td>
<td>2.34.1</td>
<td>Chlorpyriphos/ Lindane emulsifiable concentrate of 20%</td>
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<td></td>
</tr>
<tr>
<td>17</td>
<td>2.35</td>
<td>Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion)</td>
<td>litre</td>
<td>792</td>
</tr>
<tr>
<td>18</td>
<td>2.35.3</td>
<td>Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1.2 (1 cement : 2 Coarse sand) to match the existing floor :</td>
<td>Sqm</td>
<td>8187.1</td>
</tr>
<tr>
<td>19</td>
<td>16.12</td>
<td>Dry brick pitching half brick thick in drains including supply of bricks and preparing the surface complete.</td>
<td>Sqm</td>
<td>839.2</td>
</tr>
<tr>
<td>20</td>
<td>16.12.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
<td>Sqm</td>
<td>839.2</td>
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Sub Total = 4868879.83
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<thead>
<tr>
<th>Sl. No.</th>
<th>DSR-2016 Code No / NSR</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
<th>QTY</th>
<th>RATE</th>
<th>AMOUNT</th>
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<td>24</td>
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<td>CONCRETE WORKS</td>
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<tr>
<td>25</td>
<td>4.0</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>4.1</td>
<td>1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>106.9</td>
<td>4737.15</td>
<td>506401.55</td>
</tr>
<tr>
<td>27</td>
<td>4.1.4</td>
<td>1:3:6 (1 Cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>419.6</td>
<td>4339.70</td>
<td>1817606.38</td>
</tr>
<tr>
<td>28</td>
<td>4.1.6</td>
<td>1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>357.5</td>
<td>4062.69</td>
<td>1452410.96</td>
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<tr>
<td>29</td>
<td>4.1.8</td>
<td>Providing and laying damp-proof course 40mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 12.5mm nominal size)</td>
<td>Sqm</td>
<td>510.8</td>
<td>222.99</td>
<td>113904.31</td>
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<td>30</td>
<td>4.1.10</td>
<td>Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer’s specification.</td>
<td></td>
<td>130.7</td>
<td>42.76</td>
<td>5591.87</td>
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<tr>
<td>31</td>
<td>4.1.12</td>
<td>Providing &amp; applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with apiece of cloth lightly soaked in kerosene oil.</td>
<td>Sqm</td>
<td>510.8</td>
<td>81.20</td>
<td>41476.96</td>
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<td>32</td>
<td>4.1.13</td>
<td>Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand (zone - III) : 6 graded stone aggregate 20 mm nominal size) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling &amp; dressing &amp; finishing the top smooth.</td>
<td>Sqm</td>
<td>1609.2</td>
<td>401.41</td>
<td>645945.75</td>
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<td>33</td>
<td>4.1.14</td>
<td>Centering and shuttering including strutting, propping etc. and removal of form for all heights:</td>
<td></td>
<td></td>
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<tr>
<td>34</td>
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<td>Sub Total =</td>
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<td>4583337.79</td>
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<tr>
<td>36</td>
<td>5.0</td>
<td>REINFORCED CEMENT CONCRETE WORK</td>
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<tr>
<td>37</td>
<td>5.9</td>
<td>Foundations, footings, bases of columns, etc. for mass concrete.</td>
<td>Sqm</td>
<td>1925.6</td>
<td>179.31</td>
<td>345283.19</td>
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<tr>
<td>38</td>
<td>5.9.1</td>
<td>Suspended floors, roofs, landings, balconies and access platform.</td>
<td>Sqm</td>
<td>22544.6</td>
<td>400.74</td>
<td>9034432.83</td>
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<td>39</td>
<td>5.9.2</td>
<td>Shelves (Cast in situ)</td>
<td>Sqm</td>
<td>1967.4</td>
<td>520.24</td>
<td>1023520.18</td>
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<td>40</td>
<td>5.9.3</td>
<td>Stairs, (including landings) except spiral-staircases.</td>
<td>Sqm</td>
<td>22944.6</td>
<td>329.39</td>
<td>7557767.68</td>
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<tr>
<td>41</td>
<td>5.9.4</td>
<td>lintels, beams, plinth beams, girders, bressumers and cantilevers</td>
<td>Sqm</td>
<td>17495.3</td>
<td>434.34</td>
<td>7598838.62</td>
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<tr>
<td>42</td>
<td>5.9.5</td>
<td>Columns, Pillars, Piers, Abutments, Posts and Struts.</td>
<td>Sqm</td>
<td>1567.8</td>
<td>376.77</td>
<td>590696.87</td>
</tr>
<tr>
<td>43</td>
<td>5.9.6</td>
<td>Small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like.</td>
<td>Sqm</td>
<td>1046.5</td>
<td>179.31</td>
<td>187650.01</td>
</tr>
<tr>
<td>44</td>
<td>5.9.7</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all levels.</td>
<td>Kg</td>
<td>904016.9</td>
<td>60.70</td>
<td>5487744.19</td>
</tr>
<tr>
<td>45</td>
<td>5.9.8</td>
<td>Under 20 cm wide Weather shade, Chajjas, corbels etc., including edges.</td>
<td>Metre</td>
<td>10017.7</td>
<td>108.42</td>
<td>1086078.96</td>
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<tr>
<td>46</td>
<td>5.9.9</td>
<td>Weather shade, Chajjas, corbels etc., including edges.</td>
<td>Sqm</td>
<td>897.5</td>
<td>466.70</td>
<td>418886.84</td>
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<tr>
<td>47</td>
<td>5.22</td>
<td>Thermo-Mechanically Treated bars of grade Fe-500D or more.</td>
<td>Kg</td>
<td>904016.9</td>
<td>60.70</td>
<td>5487744.19</td>
</tr>
<tr>
<td>48</td>
<td>5.22.6</td>
<td>Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.</td>
<td>Kg</td>
<td>904016.9</td>
<td>60.70</td>
<td>5487744.19</td>
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<td>49</td>
<td>5.33</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all levels.</td>
<td>Kg</td>
<td>904016.9</td>
<td>60.70</td>
<td>5487744.19</td>
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<tr>
<td>50</td>
<td>5.33.1</td>
<td>All works up to plinth level.</td>
<td>Cum</td>
<td>1511.6</td>
<td>5201.28</td>
<td>786254.85</td>
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<td>51</td>
<td>5.33.2</td>
<td>All works above plinth level upto floor V level.</td>
<td>Cum</td>
<td>6745.3</td>
<td>6419.17</td>
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<td>6.1</td>
<td>Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:</td>
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<tr>
<td>56</td>
<td>6.1.1</td>
<td>Cement mortar 1:4 (1 cement : 4 coarse sand)</td>
<td>Cum</td>
<td>573.8</td>
<td>4077.25</td>
<td>2339524.90</td>
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<tr>
<td>57</td>
<td>6.4</td>
<td>Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in:</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>58</td>
<td>6.4.1</td>
<td>Cement mortar 1:8 (1 cement : 8 coarse sand)</td>
<td>Cum</td>
<td>557.6</td>
<td>5259.30</td>
<td>2932583.45</td>
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<tr>
<td>59</td>
<td>6.15</td>
<td>Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.</td>
<td>Sqm</td>
<td>21775.7</td>
<td>70.00</td>
<td>1524299.00</td>
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<tr>
<td>60</td>
<td>6.15.1</td>
<td>Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.</td>
<td>Sqm</td>
<td>21775.7</td>
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<td>61</td>
<td>6.2</td>
<td>Providing and fixing up to floor five level precast cement concrete hollow block, including hoisting and setting in position with cement mortar 1:3 (1 cement : 3 coarse sand), cost of required centering, shuttering complete</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>62</td>
<td>6.2.1</td>
<td>1:1:5:3 (1 Cement: 1½ coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>2177.6</td>
<td>7867.33</td>
<td>17131893.45</td>
</tr>
<tr>
<td>63</td>
<td>6.15</td>
<td>Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.</td>
<td>Sqm</td>
<td>21775.7</td>
<td>70.00</td>
<td>1524299.00</td>
</tr>
<tr>
<td>64</td>
<td>6.15.1</td>
<td>Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.</td>
<td>Sqm</td>
<td>21775.7</td>
<td>70.00</td>
<td>1524299.00</td>
</tr>
<tr>
<td>65</td>
<td>6.15</td>
<td>Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.</td>
<td>Sqm</td>
<td>21775.7</td>
<td>70.00</td>
<td>1524299.00</td>
</tr>
<tr>
<td>66</td>
<td>8.0</td>
<td>MARBLE &amp; GRANITE WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>67</td>
<td>8.5</td>
<td>Extra for providing opening of required size &amp; shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete</td>
<td>Each</td>
<td>720</td>
<td>406.22</td>
<td>292481.28</td>
</tr>
<tr>
<td>68</td>
<td>8.5</td>
<td>Extra for providing opening of required size &amp; shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete</td>
<td>Each</td>
<td>720</td>
<td>406.22</td>
<td>292481.28</td>
</tr>
<tr>
<td>69</td>
<td>8.0</td>
<td>MARBLE &amp; GRANITE WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>9.0</td>
<td>WOOD &amp; PVC WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>71</td>
<td>9.21</td>
<td>Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veeners on both faces of shutters:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>9.21.1</td>
<td>35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws</td>
<td>Sqm</td>
<td>5140.8</td>
<td>1924.50</td>
<td>9893449.04</td>
</tr>
<tr>
<td>73</td>
<td>9.23</td>
<td>Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).</td>
<td>Sqm</td>
<td>5140.8</td>
<td>312.37</td>
<td>1605821.41</td>
</tr>
<tr>
<td>74</td>
<td>9.95</td>
<td>Providing and fixing ISI marked aluminium butt hinges 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:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>9.95.1</td>
<td>125x75x4 mm Each</td>
<td>7776</td>
<td>101.36</td>
<td>788175.36</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>9.96</td>
<td>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:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>77</td>
<td>9.96.1</td>
<td>250x16 mm Each</td>
<td>2880</td>
<td>166.10</td>
<td>478356.48</td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>9.97</td>
<td>Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>79</td>
<td>9.97.1</td>
<td>250x10 mm Each</td>
<td>5760</td>
<td>76.38</td>
<td>439971.84</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>9.97.1</td>
<td>500x10 mm Each</td>
<td>9216</td>
<td>55.66</td>
<td>512999.42</td>
<td></td>
</tr>
<tr>
<td>Sl. No.</td>
<td>DSR-2016 Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
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<td>RATE</td>
<td>AMOUNT</td>
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</tr>
<tr>
<td>81</td>
<td>9.98</td>
<td>Providing and fixing aluminium pull bolt lock, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws bolts, nut and washers etc. complete.</td>
<td>Each</td>
<td>720</td>
<td>58.58</td>
<td>42174.72</td>
</tr>
<tr>
<td>82</td>
<td>9.100</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 necessary screws etc. complete:</td>
<td>Each</td>
<td>5760</td>
<td>44.24</td>
<td>254822.40</td>
</tr>
<tr>
<td>83</td>
<td>9.100.1</td>
<td>125 mm</td>
<td>Each</td>
<td>9216</td>
<td>39.09</td>
<td>360235.01</td>
</tr>
<tr>
<td>84</td>
<td>9.100.2</td>
<td>100 mm</td>
<td>Each</td>
<td>1584</td>
<td>10.98</td>
<td>17385.98</td>
</tr>
<tr>
<td>85</td>
<td>9.101</td>
<td>Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.</td>
<td>Each</td>
<td>2160</td>
<td>23.52</td>
<td>50803.20</td>
</tr>
<tr>
<td>86</td>
<td>9.101.1</td>
<td>Single rubber stopper</td>
<td>Each</td>
<td>1440</td>
<td>43.23</td>
<td>62254.08</td>
</tr>
<tr>
<td>87</td>
<td>9.102</td>
<td>Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.</td>
<td>Each</td>
<td>1584</td>
<td>10.98</td>
<td>17385.98</td>
</tr>
<tr>
<td>88</td>
<td>9.125</td>
<td>Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shutters (bathroom and W.C. doors) using synthetic rubber based adhesive</td>
<td>Sqm</td>
<td>1134</td>
<td>792.51</td>
<td>898708.61</td>
</tr>
<tr>
<td>89</td>
<td>9.116</td>
<td>Providing and fixing sliding arrangement in racks/ cupboards/cabinets shutter by with stainless steel rollers to run inside C or E aluminium channel section (The payment of C or E channel shall be made separately)</td>
<td>Each</td>
<td>1584</td>
<td>62.61</td>
<td>99171.07</td>
</tr>
<tr>
<td>90</td>
<td>9.151</td>
<td>Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.</td>
<td>Each</td>
<td>1584</td>
<td>117.26</td>
<td>185746.18</td>
</tr>
<tr>
<td>91</td>
<td>9.153</td>
<td>Providing and fixing steel (white power coated) crescent lock for uPVC sliding window/ door with necessary screws etc. complete.</td>
<td>Each</td>
<td>1584</td>
<td>23.52</td>
<td>50803.20</td>
</tr>
<tr>
<td>92</td>
<td>9.154</td>
<td>Providing and fixing steel roller for uPVC sliding window with necessary screws etc. complete.</td>
<td>Each</td>
<td>1584</td>
<td>23.52</td>
<td>50803.20</td>
</tr>
<tr>
<td>93</td>
<td>10.0</td>
<td>STEEL WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94</td>
<td>10.25</td>
<td>Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.</td>
<td>Kg</td>
<td>5400</td>
<td>72.35</td>
<td>390700.80</td>
</tr>
<tr>
<td>95</td>
<td>10.25.1</td>
<td>In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete</td>
<td>Kg</td>
<td>60166.8</td>
<td>90.50</td>
<td>5444854.73</td>
</tr>
<tr>
<td>96</td>
<td>10.25.2</td>
<td>In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works</td>
<td>Kg</td>
<td>60166.8</td>
<td>90.50</td>
<td>5444854.73</td>
</tr>
<tr>
<td>97</td>
<td>10.5</td>
<td>Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer.</td>
<td>Sqm</td>
<td>75.6</td>
<td>2901.47</td>
<td>219351.28</td>
</tr>
<tr>
<td>98</td>
<td>10.5.1</td>
<td>Using M.S. angels 40x40x6 mm for diagonal braces</td>
<td>Sqm</td>
<td>75.6</td>
<td>2901.47</td>
<td>219351.28</td>
</tr>
<tr>
<td>99</td>
<td>10.14</td>
<td>Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x26 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:</td>
<td>Metre</td>
<td>14544</td>
<td>475.22</td>
<td>6911541.50</td>
</tr>
<tr>
<td>100</td>
<td>10.14.1</td>
<td>Profile B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>101</td>
<td>10.14.1.1</td>
<td>Fixing with adjustable lugs with split end tail to each jamb</td>
<td>Metre</td>
<td>14544</td>
<td>475.22</td>
<td>6911541.50</td>
</tr>
<tr>
<td>102</td>
<td>10.14.1.2</td>
<td>Using M.S. angles 40x40x6 mm for diagonal braces</td>
<td>Sqm</td>
<td>75.6</td>
<td>2901.47</td>
<td>219351.28</td>
</tr>
<tr>
<td>103</td>
<td>10.14.1.3</td>
<td>Fixing with adjustable lugs with split end tail to each jamb</td>
<td>Metre</td>
<td>14544</td>
<td>475.22</td>
<td>6911541.50</td>
</tr>
<tr>
<td>104</td>
<td>10.14.1.4</td>
<td>Using M.S. angles 40x40x6 mm for diagonal braces</td>
<td>Sqm</td>
<td>75.6</td>
<td>2901.47</td>
<td>219351.28</td>
</tr>
<tr>
<td>105</td>
<td>11.0</td>
<td>FLOORING WORK</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sl. No.</td>
<td>Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
<td>AMOUNT</td>
</tr>
<tr>
<td>---------</td>
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</tr>
<tr>
<td>106</td>
<td>11.3</td>
<td>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.</td>
<td>Sqm</td>
<td>180</td>
<td>327.26</td>
<td>58907.52</td>
</tr>
<tr>
<td>107</td>
<td>11.3.1</td>
<td>40 mm thick with 20 mm nominal size stone aggregate</td>
<td>Sqm</td>
<td>4088.9</td>
<td>1293.49</td>
<td>5288943.08</td>
</tr>
<tr>
<td>108</td>
<td>11.26</td>
<td>Kota stone slab flooring over 20 mm (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) :</td>
<td>Sqm</td>
<td>386.3</td>
<td>1455.49</td>
<td>542940.01</td>
</tr>
<tr>
<td>109</td>
<td>11.26.1</td>
<td>25 mm thick.</td>
<td>Sqm</td>
<td>945</td>
<td>18.70</td>
<td>17675.28</td>
</tr>
<tr>
<td>110</td>
<td>11.27</td>
<td>Kota stone slabs 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing and polishing complete.</td>
<td>Sqm</td>
<td>2419.2</td>
<td>84.00</td>
<td>203212.80</td>
</tr>
<tr>
<td>111</td>
<td>11.31</td>
<td>Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.</td>
<td>Metre</td>
<td>8465.8</td>
<td>793.30</td>
<td>6715885.28</td>
</tr>
<tr>
<td>112</td>
<td>11.32</td>
<td>Extra for Kota stone/ sand stone in treads of steps and risers using single length up to 1.05 metre.</td>
<td>Sqm</td>
<td>6143</td>
<td>730.24</td>
<td>4485864.32</td>
</tr>
<tr>
<td>113</td>
<td>11.41</td>
<td>Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.</td>
<td>Sqm</td>
<td>19606.7</td>
<td>889.39</td>
<td>17438042.13</td>
</tr>
<tr>
<td>114</td>
<td>11.41.2</td>
<td>Size of Tile 600x600 mm</td>
<td>Sqm</td>
<td>2968.9</td>
<td>915.15</td>
<td>2716994.77</td>
</tr>
<tr>
<td>115</td>
<td>11.46</td>
<td>Providing and laying vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to IS: 15622, of approved make, in all colours &amp; shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement &amp; matching pigments etc. complete.</td>
<td>Sqm</td>
<td>8465.8</td>
<td>793.30</td>
<td>6715885.28</td>
</tr>
<tr>
<td>116</td>
<td>11.46.2</td>
<td>Size of Tile 600x600 mm</td>
<td>Sqm</td>
<td>2968.9</td>
<td>915.15</td>
<td>2716994.77</td>
</tr>
<tr>
<td>117</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 manufacturer), 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 @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.</td>
<td>Sqm</td>
<td>6143</td>
<td>730.24</td>
<td>4485864.32</td>
</tr>
<tr>
<td>118</td>
<td>11.36</td>
<td>Providing and laying ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sq.m including pointing the joints with white cement and matching pigments etc., complete.</td>
<td>Sqm</td>
<td>6143</td>
<td>730.24</td>
<td>4485864.32</td>
</tr>
<tr>
<td>119</td>
<td></td>
<td>Sub Total =</td>
<td></td>
<td></td>
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<td>37468465.19</td>
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<tr>
<td>120</td>
<td></td>
<td>12.0</td>
<td></td>
<td></td>
<td></td>
<td>37468465.19</td>
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<tr>
<td>121</td>
<td>12.0</td>
<td>ROOFING</td>
<td></td>
<td></td>
<td></td>
<td>37468465.19</td>
</tr>
<tr>
<td>122</td>
<td>12.21</td>
<td>Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge), including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :</td>
<td>Metre</td>
<td>3210.5</td>
<td>142.69</td>
<td>458099.82</td>
</tr>
<tr>
<td>123</td>
<td>12.21.1</td>
<td>In 75x75 mm deep chase</td>
<td>Metre</td>
<td>168.78</td>
<td>18.00</td>
<td>30381.12</td>
</tr>
<tr>
<td>124</td>
<td>12.22</td>
<td>Making khuras 45x45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over P.V.C. sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.</td>
<td>Each</td>
<td>8465.8</td>
<td>793.30</td>
<td>6715885.28</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
<td>AMOUNT</td>
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<tr>
<td>125</td>
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<td>Sub Total</td>
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<td></td>
<td></td>
<td>488480.94</td>
</tr>
<tr>
<td>126</td>
<td></td>
<td>5.30</td>
<td>Metre</td>
<td>1994.4</td>
<td>34.05</td>
<td>67905.33</td>
</tr>
<tr>
<td>127</td>
<td>13.0</td>
<td>FINISHING WORK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>128</td>
<td>13.4</td>
<td>12 mm cement plaster of mix :</td>
<td>Sqm</td>
<td>70254.7</td>
<td>148.74</td>
<td>10449403.06</td>
</tr>
<tr>
<td>129</td>
<td>13.4.2</td>
<td>1:6 (1 cement: 6 coarse sand)</td>
<td>Sqm</td>
<td>33805.8</td>
<td>216.72</td>
<td>7326392.98</td>
</tr>
<tr>
<td>130</td>
<td>13.6</td>
<td>20 mm cement plaster of mix :</td>
<td>Sqm</td>
<td>27706.5</td>
<td>133.73</td>
<td>3705108.09</td>
</tr>
<tr>
<td>131</td>
<td>13.6.1</td>
<td>1:4 (1 cement: 4 coarse sand)</td>
<td>Sqm</td>
<td>20739.6</td>
<td>45.25</td>
<td>938425.42</td>
</tr>
<tr>
<td>132</td>
<td>13.16</td>
<td>6 mm cement plaster of mix :</td>
<td>Sqm</td>
<td>97961</td>
<td>35.50</td>
<td>3478007.34</td>
</tr>
<tr>
<td>133</td>
<td>13.16.1</td>
<td>1:3 (1 cement: 3 fine sand)</td>
<td>Sqm</td>
<td>97961</td>
<td>82.43</td>
<td>8075121.15</td>
</tr>
<tr>
<td>134</td>
<td>13.43</td>
<td>Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.</td>
<td>Sqm</td>
<td>97961</td>
<td>90.50</td>
<td>9417059.01</td>
</tr>
<tr>
<td>135</td>
<td>13.43.1</td>
<td>Water thinnable cement primer.</td>
<td>Sqm</td>
<td>97961</td>
<td>82.43</td>
<td>8075121.15</td>
</tr>
<tr>
<td>136</td>
<td>13.43.3</td>
<td>Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade:</td>
<td>Sqm</td>
<td>97961</td>
<td>79.74</td>
<td>57415.68</td>
</tr>
<tr>
<td>137</td>
<td>13.45</td>
<td>Finishing walls with textured exterior paint of required shade :</td>
<td>Sqm</td>
<td>97961</td>
<td>26.88</td>
<td>24192.00</td>
</tr>
<tr>
<td>138</td>
<td>13.45.1</td>
<td>New work (Two or more coats applied @ 3.28 ltr/10 sqm) over and including priming coat of exterior primer applied @ 2.25kg/10 sqm</td>
<td>Sqm</td>
<td>97961</td>
<td>79.74</td>
<td>57415.68</td>
</tr>
<tr>
<td>139</td>
<td>13.48</td>
<td>Melamine polishing on wood work (one or more coat).</td>
<td>Sqm</td>
<td>10281.6</td>
<td>69.44</td>
<td>713954.30</td>
</tr>
<tr>
<td>140</td>
<td>13.48.1</td>
<td>Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications:</td>
<td>Sqm</td>
<td>10281.6</td>
<td>36.18</td>
<td>26046.72</td>
</tr>
<tr>
<td>141</td>
<td>13.48.2</td>
<td>Painting wood work with Deluxe Multi Surface Paint of required shade. Two or more coat applied @ 0.90 ltr/10 sqm over an under coat of primer applied @0.75 ltr/ 10 sqm of approved brand and manufacture</td>
<td>Sqm</td>
<td>10281.6</td>
<td>36.18</td>
<td>26046.72</td>
</tr>
<tr>
<td>142</td>
<td>13.50</td>
<td>Applying priming coat :</td>
<td>Sqm</td>
<td>900</td>
<td>26.88</td>
<td>24192.00</td>
</tr>
<tr>
<td>143</td>
<td>13.50.1</td>
<td>With ready mixed pink or grey primer of approved brand and manufacture on wood work (hard and soft wood)</td>
<td>Sqm</td>
<td>900</td>
<td>26.88</td>
<td>24192.00</td>
</tr>
<tr>
<td>144</td>
<td>13.50.3</td>
<td>With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron steel works</td>
<td>Sqm</td>
<td>900</td>
<td>26.88</td>
<td>24192.00</td>
</tr>
<tr>
<td>145</td>
<td>13.50.6</td>
<td>Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :</td>
<td>Sqm</td>
<td>10192.7</td>
<td>71.34</td>
<td>727187.99</td>
</tr>
<tr>
<td>146</td>
<td>13.50.7</td>
<td>Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.</td>
<td>Sqm</td>
<td>104060.5</td>
<td>90.50</td>
<td>9417059.01</td>
</tr>
<tr>
<td>147</td>
<td>13.50.8</td>
<td>Add for plaster drip course/ groove in plastered surface or moulding to R.C.C. projections.</td>
<td>Metre</td>
<td>1994.4</td>
<td>34.05</td>
<td>67905.33</td>
</tr>
<tr>
<td>151</td>
<td></td>
<td>Sub Total</td>
<td></td>
<td></td>
<td></td>
<td>49481566.10</td>
</tr>
<tr>
<td>152</td>
<td></td>
<td>21.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>153</td>
<td></td>
<td>ALUMINIUM WORK</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Sl. No.</td>
<td>DSR-2016 Code No / NSR</td>
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<td>AMOUNT</td>
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<td>--------</td>
</tr>
<tr>
<td>154</td>
<td>21.1</td>
<td>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, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket 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 and the directions of Engineer-in-charge. (Glazing, panelling and dash fasteners to be paid for separately)</td>
<td>Kg</td>
<td>11162.9</td>
<td>389.20</td>
<td>4344600.68</td>
</tr>
<tr>
<td>155</td>
<td>21.1.1</td>
<td>For fixed portion.</td>
<td>Kg</td>
<td>11162.9</td>
<td>389.20</td>
<td>4344600.68</td>
</tr>
<tr>
<td>156</td>
<td>21.1.1.3</td>
<td>Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</td>
<td>Kg</td>
<td>6350.4</td>
<td>444.64</td>
<td>2823641.86</td>
</tr>
<tr>
<td>157</td>
<td>21.1.2</td>
<td>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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)</td>
<td>Kg</td>
<td>6350.4</td>
<td>444.64</td>
<td>2823641.86</td>
</tr>
<tr>
<td>158</td>
<td>21.1.2.3</td>
<td>Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron)</td>
<td>Kg</td>
<td>6350.4</td>
<td>444.64</td>
<td>2823641.86</td>
</tr>
<tr>
<td>159</td>
<td>21.3</td>
<td>Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / 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>Kg</td>
<td>6350.4</td>
<td>444.64</td>
<td>2823641.86</td>
</tr>
<tr>
<td>160</td>
<td>21.3.1</td>
<td>With float glass panes of 4.0 mm thickness</td>
<td>Sqm</td>
<td>2540.2</td>
<td>728.00</td>
<td>1849285.60</td>
</tr>
<tr>
<td>161</td>
<td>21.8</td>
<td>Filling the gap in between aluminium frame &amp; adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete.</td>
<td>Metre</td>
<td>13132.8</td>
<td>63.50</td>
<td>833985.33</td>
</tr>
<tr>
<td>162</td>
<td>21.8.1</td>
<td>Upto 5mm depth and 5 mm width</td>
<td></td>
<td>13132.8</td>
<td>63.50</td>
<td>833985.33</td>
</tr>
<tr>
<td>163</td>
<td>Sub Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>9851493.47</td>
</tr>
<tr>
<td>164</td>
<td>22.0</td>
<td>WATER PROOFING</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>165</td>
<td>22.2</td>
<td>Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>166</td>
<td>22.3</td>
<td>Providing and laying water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface.</td>
<td>Sqm</td>
<td>1425.2</td>
<td>434.00</td>
<td>618536.80</td>
</tr>
<tr>
<td>167</td>
<td>22.3</td>
<td>i) 1st course of applying cement slurry @ 4.4 kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) IInd course of 20 mm cement plaster 1:3 (1 cement : 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) IIIrd course of applying blown or residual bitumen applied hot at 1.7 kg, per sqm of area. (iv) IVth course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 kg/sqm).</td>
<td>Sqm</td>
<td>1425.2</td>
<td>434.00</td>
<td>618536.80</td>
</tr>
<tr>
<td>168</td>
<td>16.3.4+ 2.26</td>
<td>Supplying and Stacking Filling sunken floor with over burnt jhama brick aggregate 120mm to 40mm including compacting of materials complete as specified and directed for all levels.</td>
<td>Cum</td>
<td>392</td>
<td>604.13</td>
<td>236818.18</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>DSR-2016 Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
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</tr>
<tr>
<td>169</td>
<td>22.20</td>
<td>Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3 mm thick water proofing membrane, black finished reinforced with nonwoven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 litre/sqm by the same membrane manufacture of density at 25°C 0.87-0.89 kg/litre and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc, and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under: Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of membrane.</td>
<td>Sqm</td>
<td>6746.41</td>
<td>363.33</td>
<td>2451159.65</td>
</tr>
<tr>
<td>170</td>
<td>22.20.1</td>
<td>3 mm thick</td>
<td>Sqm</td>
<td>6746.41</td>
<td>363.33</td>
<td>2451159.65</td>
</tr>
<tr>
<td>171</td>
<td></td>
<td>Sub Total =</td>
<td></td>
<td></td>
<td></td>
<td>3306514.63</td>
</tr>
<tr>
<td>172</td>
<td></td>
<td><strong>INTERNAL PUBLIC HEALTH ENGINEERING</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>174</td>
<td>17.1</td>
<td>Providing and fixing water closet squatting pan (Indian type W.C. pan ) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:</td>
<td>Each</td>
<td>720</td>
<td>3181.25</td>
<td>2290498.56</td>
</tr>
<tr>
<td>175</td>
<td>17.1.1</td>
<td>White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests</td>
<td>Each</td>
<td>720</td>
<td>1433.49</td>
<td>1032111.36</td>
</tr>
<tr>
<td>176</td>
<td>17.7</td>
<td>Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required:</td>
<td>Each</td>
<td>720</td>
<td>1433.49</td>
<td>1032111.36</td>
</tr>
<tr>
<td>177</td>
<td>17.7.7</td>
<td>White Vitreous China Flat back wash basin size 450x300 mm with single 15 mm C.P. brass pillar tap</td>
<td>Each</td>
<td>720</td>
<td>1433.49</td>
<td>1032111.36</td>
</tr>
<tr>
<td>178</td>
<td>17.10</td>
<td>Providing and fixing 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>Each</td>
<td>720</td>
<td>1433.49</td>
<td>1032111.36</td>
</tr>
<tr>
<td>179</td>
<td>17.10.1</td>
<td>Kitchen sink with drain board</td>
<td>Each</td>
<td>720</td>
<td>3359.33</td>
<td>2418716.16</td>
</tr>
<tr>
<td>180</td>
<td>17.10.1.3</td>
<td>510x1040 mm bowl depth 200 mm</td>
<td>Each</td>
<td>720</td>
<td>3359.33</td>
<td>2418716.16</td>
</tr>
<tr>
<td>181</td>
<td>18.49</td>
<td>Providing and fixing C. P. brass bib cock of approved quality conforming to IS:8931 :</td>
<td>Each</td>
<td>1440</td>
<td>322.34</td>
<td>464163.84</td>
</tr>
<tr>
<td>182</td>
<td>18.49.1</td>
<td>15 mm nominal bore</td>
<td>Each</td>
<td>1440</td>
<td>322.34</td>
<td>464163.84</td>
</tr>
<tr>
<td>183</td>
<td>18.51</td>
<td>Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.</td>
<td>Each</td>
<td>720</td>
<td>426.83</td>
<td>307319.04</td>
</tr>
<tr>
<td>184</td>
<td>18.51.1</td>
<td>15 mm nominal bore</td>
<td>Each</td>
<td>720</td>
<td>426.83</td>
<td>307319.04</td>
</tr>
<tr>
<td>185</td>
<td>18.52</td>
<td>Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.</td>
<td>Each</td>
<td>720</td>
<td>471.63</td>
<td>339575.04</td>
</tr>
<tr>
<td>186</td>
<td>18.52.1</td>
<td>15 mm nominal bore</td>
<td>Each</td>
<td>720</td>
<td>471.63</td>
<td>339575.04</td>
</tr>
<tr>
<td>187</td>
<td>18.53</td>
<td>Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931</td>
<td>Each</td>
<td>720</td>
<td>411.36</td>
<td>592381.44</td>
</tr>
<tr>
<td>188</td>
<td>18.53.1</td>
<td>15mm nominal bore</td>
<td>Each</td>
<td>1440</td>
<td>411.36</td>
<td>592381.44</td>
</tr>
<tr>
<td>189</td>
<td>17.28</td>
<td>Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.</td>
<td>Each</td>
<td>1440</td>
<td>411.36</td>
<td>592381.44</td>
</tr>
<tr>
<td>190</td>
<td>17.28.1</td>
<td>Semi rigid pipe</td>
<td>Each</td>
<td>1440</td>
<td>411.36</td>
<td>592381.44</td>
</tr>
<tr>
<td>191</td>
<td>17.28.1.1</td>
<td>32 mm dia</td>
<td>Each</td>
<td>720</td>
<td>73.47</td>
<td>52899.84</td>
</tr>
<tr>
<td>192</td>
<td>17.31</td>
<td>Providing and fixing 800x450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.</td>
<td>Each</td>
<td>720</td>
<td>726.66</td>
<td>523192.32</td>
</tr>
<tr>
<td>193</td>
<td>17.73</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.</td>
<td>Each</td>
<td>720</td>
<td>726.66</td>
<td>523192.32</td>
</tr>
<tr>
<td>Sl. No.</td>
<td>DSR-2016 Code No / NSR</td>
<td>DESCRIPTION</td>
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<td>QTY</td>
<td>RATE</td>
<td>AMOUNT</td>
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</tr>
<tr>
<td>194</td>
<td>17.73.2</td>
<td>600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.</td>
<td>Each</td>
<td>720</td>
<td>349.22</td>
<td>251435.52</td>
</tr>
<tr>
<td>195</td>
<td>18.65</td>
<td>Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.</td>
<td>Each</td>
<td>720</td>
<td>99.12</td>
<td>71366.40</td>
</tr>
<tr>
<td>196</td>
<td>18.8</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 1.00 m spacing. This includes jointing of pipes &amp; fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197</td>
<td>18.8.1</td>
<td>15 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>2880</td>
<td>237.55</td>
<td>684149.76</td>
</tr>
<tr>
<td>198</td>
<td>18.8.2</td>
<td>20 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>6480</td>
<td>273.73</td>
<td>1773757.44</td>
</tr>
<tr>
<td>199</td>
<td>18.17</td>
<td>Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>18.17.1A</td>
<td>20 mm nominal bore</td>
<td>Each</td>
<td>1440</td>
<td>342.72</td>
<td>493516.08</td>
</tr>
<tr>
<td>201</td>
<td>18.17.1</td>
<td>25 mm nominal bore</td>
<td>Each</td>
<td>36</td>
<td>370.36</td>
<td>13333.82</td>
</tr>
<tr>
<td>202</td>
<td>18.17.2</td>
<td>32 mm nominal bore.</td>
<td>Each</td>
<td>72</td>
<td>433.22</td>
<td>31911.56</td>
</tr>
<tr>
<td>203</td>
<td>18.17.3</td>
<td>40 mm nominal bore</td>
<td>Each</td>
<td>360</td>
<td>505.68</td>
<td>182044.80</td>
</tr>
<tr>
<td>204</td>
<td>18.17.4</td>
<td>50 mm nominal bore</td>
<td>Each</td>
<td>36</td>
<td>647.81</td>
<td>232321.09</td>
</tr>
<tr>
<td>205</td>
<td>18.17.5</td>
<td>65 mm nominal bore</td>
<td>Each</td>
<td>36</td>
<td>1106.11</td>
<td>39820.03</td>
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<tr>
<td>206</td>
<td>18.17.6</td>
<td>80 mm nominal bore</td>
<td>Each</td>
<td>72</td>
<td>1646.96</td>
<td>118581.12</td>
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<td>207</td>
<td>18.22</td>
<td>Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet :</td>
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<tr>
<td>208</td>
<td>18.22.1</td>
<td>100 mm diameter</td>
<td>Each</td>
<td>720</td>
<td>64.29</td>
<td>46287.36</td>
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<tr>
<td>209</td>
<td>18.9</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 This includes jointing of pipes &amp; fittings with one step CPVC solvent cement, trenching, refilling &amp; testing of joints complete as per direction of Engineer in Charge. External work</td>
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<tr>
<td>210</td>
<td>18.9.2</td>
<td>20 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>1080</td>
<td>173.26</td>
<td>187125.12</td>
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<tr>
<td>211</td>
<td>18.9.3</td>
<td>25 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>1080</td>
<td>218.40</td>
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<td>212</td>
<td>18.9.4</td>
<td>32 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>1080</td>
<td>306.66</td>
<td>331188.48</td>
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<td>213</td>
<td>18.9.5</td>
<td>40 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>1512</td>
<td>411.04</td>
<td>621492.48</td>
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<td>214</td>
<td>18.9.6</td>
<td>50 mm nominal outer dia Pipes</td>
<td>Metre</td>
<td>180</td>
<td>595.28</td>
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<td>215</td>
<td>18.9.7</td>
<td>65 mm nominal inner dia Pipes</td>
<td>Metre</td>
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<td>1801.63</td>
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<td>216</td>
<td>18.9.8</td>
<td>75 mm nominal inner dia Pipes</td>
<td>Metre</td>
<td>2160</td>
<td>2527.17</td>
<td>545688.28</td>
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<td>217</td>
<td>18.48</td>
<td>Providing and placing on terrace (at all floor levels) polyethylene water storage tank IS : 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>
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<tr>
<td>218</td>
<td>18.48A</td>
<td>Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet &amp; over flow pipes. The base support i/c fittings &amp; fixtures for tank shall be paid separately.</td>
<td>per litre</td>
<td>180000</td>
<td>6.16</td>
<td>1108800.00</td>
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<tr>
<td>219</td>
<td>18.58</td>
<td>Providing and fixing PTMT grating of approved quality and colour.</td>
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<tr>
<td>220</td>
<td>18.58.1</td>
<td>Circular type</td>
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<td>221</td>
<td>18.58.1.2</td>
<td>125 mm nominal dia with 25 mm waste hole</td>
<td>Each</td>
<td>1440</td>
<td>41.33</td>
<td>59512.32</td>
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<td>222</td>
<td>18.77</td>
<td>Cutting holes up to 15x15 cm in R.C.C. floors and roofs for passing drain pipe etc. and repairing the hole after insertion of drain pipe etc. with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), including finishing complete so as to make it leak proof.</td>
<td>Each</td>
<td>1440</td>
<td>209.78</td>
<td>302077.44</td>
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<td>223</td>
<td>12.41</td>
<td>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 10 mm gap for thermal expansion, (i) Single socketed pipes.</td>
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<td>224</td>
<td>12.41.2</td>
<td>110 mm diameter</td>
<td>Metre</td>
<td>9576</td>
<td>236.32</td>
<td>2263000.32</td>
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<tr>
<td>225</td>
<td>12.42</td>
<td>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 10 mm gap for thermal expansion</td>
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<td>226</td>
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<td>229</td>
<td>12.42.2.2</td>
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<td>230</td>
<td>12.42.3</td>
<td>Single tee with door</td>
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<td>231</td>
<td>12.42.3.2</td>
<td>110x110x110 mm</td>
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<td>2304</td>
<td>170.80</td>
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<td>232</td>
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<td>233</td>
<td>12.42.4.2</td>
<td>110x110x110 mm</td>
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<td>36</td>
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<td>234</td>
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<td>235</td>
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<td>110 mm Shoe</td>
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<td>PVC Vent Cowl</td>
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<td>110 mm diameter</td>
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<td>240</td>
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<td>PVC 'P' Trap 110 X 110</td>
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<td>NSR-4</td>
<td>Supplying, fitting and fixing C.P. Wall Flange</td>
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<td>242</td>
<td>NSR-5</td>
<td>Supplying, fitting and fixing C.P. Extension Pipe</td>
<td>Each</td>
<td>2160</td>
<td>130.59</td>
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<td>243</td>
<td>12.43</td>
<td>Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised -PVC rain water pipes by means of 50x50x50 mm 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</td>
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<td>244</td>
<td>12.43.2</td>
<td>110 mm diameter</td>
<td>Each</td>
<td>5472</td>
<td>176.40</td>
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<td>245</td>
<td>12.44</td>
<td>Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.</td>
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**Elec DSR**

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<td>247</td>
<td>1.10</td>
<td>Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with piano type switch, phenolic laminated sheet, suitable size M.S. box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.</td>
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<td>248</td>
<td>1.10.1</td>
<td>Group -A</td>
<td>Point</td>
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<td>631.68</td>
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<td>249</td>
<td>1.14.1</td>
<td>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.</td>
<td>Metre</td>
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<td>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 insulated copper earth wire for loop earthing as required.</td>
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<td>1.23</td>
<td>Supplying and fixing following piano type switch/ socket on the existing switch box/ cover including connections etc. as required.</td>
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<td>15/16 amp switch</td>
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<td>3 pin 5/6 amp socket outlet</td>
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<td>Telephone socket outlet</td>
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<td>1.23.7</td>
<td>TV antenna socket outlet</td>
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<td>260</td>
<td>1.38</td>
<td>Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.</td>
<td>Each</td>
<td>720</td>
<td>109.76</td>
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<td>261</td>
<td>1.14.2</td>
<td>Wiring for circuit wiring with 2 x 2.5 sq.mm FR PVC insulated multi-stranded copper conductor single core cable with 1 x 1.5 sq.mm FR PVC insulated earth wire in recessed PVC conduit as required.</td>
<td>Metre</td>
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<td>262</td>
<td>1.18</td>
<td>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:</td>
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<td>263</td>
<td>1.18.2</td>
<td>2 Pair (4 core)</td>
<td>Metre</td>
<td>7200</td>
<td>23.52</td>
<td>169344.00</td>
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<td>264</td>
<td>1.19</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>Metre</td>
<td>7200</td>
<td>29.12</td>
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<td>265</td>
<td>1.22</td>
<td>Supply and Fixing of Metal boxes of following sizes including all civil works as required to complete.</td>
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<td>266</td>
<td>1.22.3</td>
<td>150 mm X 75 mm X 60 mm deep metal box</td>
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<td>144.48</td>
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<td>267</td>
<td>1.22.4</td>
<td>150 mm X 150 mm X 60 mm deep metal box</td>
<td>Each</td>
<td>720</td>
<td>153.44</td>
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<td>268</td>
<td>1.22.5</td>
<td>180 mm X 100 mm X 60 mm deep metal box</td>
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<td>165.76</td>
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<td>269</td>
<td>1.22.6</td>
<td>200 mm X 125 mm X 60 mm deep metal box</td>
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<td>170.24</td>
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<td>Supplying and fixing 2 pin, 5 amp ceiling rose on the existing junction box/ wooden block including connection etc as required.</td>
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<td>64.96</td>
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<td>272</td>
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<td>LIGHT &amp; FIXTURES</td>
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<td>273</td>
<td>NSR-E-1</td>
<td>Supply, Installation, Testing &amp; Commissioning of 20W, LM 80 Qualified, SMD LED, Output Lumen 1500 , frosted diffuser type, CRI 85%, 4800 K, surface mounted Length 1200 mm. LED luminaire Light fittings complete with all accessories such as Electronic driver, holding clamp etc. including making connection and earthing the fitting.</td>
<td>Nos.</td>
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<td>554.40</td>
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<td>NSR-E-2</td>
<td>Supply, Installation, testing and commissioning of 800mm length,1x10-12W,LED type light fixture of comprising frame fitted with LED lamp, including driver etc. suitable for wall/ceiling mounted as required as per site conditions( Bajaj: BCLSB 10WH, Goldwyn T8-A10 , Wipro LL20-111-XXX-65-NE or Surya SLE BT 10 ) connections as required as per site conditions.</td>
<td>Nos.</td>
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<td>240.24</td>
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<td>276</td>
<td>NSR-E-3</td>
<td>Installation, testing &amp; commissioning of following sizes of ceiling fans suitable for 1200 mm. sweep double ball bearing with electronics step mini fan regulator. 230volt, 50Hz single phase A/C supply and complete with all standard accessories such as motors blades, down rod, canopy etc.</td>
<td>Nos.</td>
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<td>DISTRIBUTIONS BOARDS</td>
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<td>NSR-E-4</td>
<td>Supplying, installation, testing &amp; commissioning of following type wall mounted VTPN/TPN/SPN distribution board of double door type, dust protected (IP-43), duly phosphatizes and powder painted design made out of 16 gauge MS sheet with supplying and fixing following accessories including Neutral bar, Earth bar, Din bar, detachable gland plate, interconnections, earthing etc. as required.</td>
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<td>100 ADP tinned copper Bus bars</td>
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<td>8A-32A C, Curve SP MCB - 2 Nos</td>
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<td>290</td>
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<td>40A D, Curve SP MCB - 1 Nos</td>
<td>Set</td>
<td>720</td>
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<tr>
<td>293</td>
<td></td>
<td>MV CABLES (at building blocks)</td>
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<td>294</td>
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<td>NSR-E-5</td>
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<td>295</td>
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<td>NSR-E-5.1</td>
<td>4C X 25 Mm. A2XY</td>
<td>Metre</td>
<td>5256</td>
<td>184.80</td>
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<td>NSR-E-5.2</td>
<td>2C X 6 Mm. A2XY</td>
<td>Metre</td>
<td>19188</td>
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<td>299</td>
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<td>EXTERNAL SANITARY &amp; PLUMBING WORKS</td>
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<tr>
<td>303</td>
<td></td>
<td>19.1</td>
<td>Providing, laying and jointing glazed stoneware pipes class SP-1 with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :</td>
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<td>304</td>
<td></td>
<td>19.1.2</td>
<td>150 mm diameter</td>
<td>Metre</td>
<td>569.4</td>
<td>175.28</td>
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<td>305</td>
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<td>19.1.3</td>
<td>200 mm diameter</td>
<td>Metre</td>
<td>605.8</td>
<td>348.99</td>
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<td>306</td>
<td></td>
<td>19.1.4</td>
<td>250 mm diameter</td>
<td>Metre</td>
<td>398.1</td>
<td>577.14</td>
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<tr>
<td>307</td>
<td></td>
<td>19.2</td>
<td>Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design :</td>
<td></td>
<td></td>
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<td>308</td>
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<td>19.2.2</td>
<td>150 mm diameter S.W. pipe</td>
<td>Metre</td>
<td>571.2</td>
<td>686.45</td>
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<tr>
<td>309</td>
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<td>19.2.3</td>
<td>200 mm diameter S.W. pipe</td>
<td>Metre</td>
<td>605.8</td>
<td>804.72</td>
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<td>310</td>
<td></td>
<td>19.2.4</td>
<td>250 mm diameter S.W. pipe</td>
<td>Metre</td>
<td>398.1</td>
<td>930.61</td>
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<td>311</td>
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<td>19.6</td>
<td>Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :</td>
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<td>312</td>
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<td>19.6.2</td>
<td>150 mm dia. R.C.C. pipe</td>
<td>Metre</td>
<td>1263.5</td>
<td>298.93</td>
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<td>19.6.3</td>
<td>250 mm dia. R.C.C. pipe</td>
<td>Metre</td>
<td>986.5</td>
<td>399.50</td>
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<td>314</td>
<td></td>
<td>19.6.4</td>
<td>300 mm dia. R.C.C. pipe</td>
<td>Metre</td>
<td>1038.5</td>
<td>433.44</td>
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<tr>
<td>315</td>
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<td>19.6.5</td>
<td>450 mm dia. R.C.C. pipe</td>
<td>Metre</td>
<td>882.7</td>
<td>602.78</td>
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<td>316</td>
<td></td>
<td>19.32</td>
<td>Making soak pit 2.5 m diameter 3.0 metre deep with 45 x 45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter, 1.8 m long complete as per standard design</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>317</td>
<td></td>
<td>19.32.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
<td>Each</td>
<td>13</td>
<td>17019.74</td>
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<tr>
<td>318</td>
<td>NSR-6</td>
<td>Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm. thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1:5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials.</td>
<td>Each</td>
<td>131</td>
<td>7765.30</td>
<td>1017253.78</td>
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<td>319</td>
<td>NSR-7</td>
<td>Extra for each additional depth of 150 mm or part thereof beyond initial 600 mm depth.</td>
<td>Each</td>
<td>114</td>
<td>1866.48</td>
<td>212778.72</td>
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<tr>
<td>320</td>
<td>19.7</td>
<td>Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:6 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design.</td>
<td>Each</td>
<td>139</td>
<td>7700.22</td>
<td>1070331.14</td>
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<tr>
<td>321</td>
<td>19.7.1</td>
<td>Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :</td>
<td>Each</td>
<td>116</td>
<td>16303.62</td>
<td>1891219.46</td>
</tr>
<tr>
<td>322</td>
<td>19.7.1.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
<td>Each</td>
<td>139</td>
<td>7700.22</td>
<td>1070331.14</td>
</tr>
<tr>
<td>323</td>
<td>19.7.2</td>
<td>Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg (weight of cover 58 kg and weight of frame 58 kg) :</td>
<td>Each</td>
<td>116</td>
<td>16303.62</td>
<td>1891219.46</td>
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<tr>
<td>324</td>
<td>19.7.2.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
<td>Each</td>
<td>116</td>
<td>16303.62</td>
<td>1891219.46</td>
</tr>
<tr>
<td>325</td>
<td>19.8</td>
<td>Extra for depth for manholes :</td>
<td></td>
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<tr>
<td>326</td>
<td>19.8.1</td>
<td>Size 90x80 cm</td>
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<tr>
<td>327</td>
<td>19.8.1.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
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<td>328</td>
<td>19.8.2</td>
<td>Size 120x90 cm</td>
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<td>329</td>
<td>19.8.2.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
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<td></td>
<td></td>
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<tr>
<td>330</td>
<td>19.15</td>
<td>Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design</td>
<td></td>
<td></td>
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<tr>
<td>331</td>
<td>19.15.1</td>
<td>With 20x20 mm square bar</td>
<td>Each</td>
<td>2375</td>
<td>225.46</td>
<td>535458.00</td>
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<td>332</td>
<td>19.27</td>
<td>Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design :</td>
<td>Each</td>
<td>111</td>
<td>3448.03</td>
<td>382731.55</td>
</tr>
<tr>
<td>333</td>
<td>19.27.1</td>
<td>With common burnt clay F.P.S. (non modular) bricks of class designation 7.5</td>
<td>Each</td>
<td>111</td>
<td>3448.03</td>
<td>382731.55</td>
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<tr>
<td>Sl. No.</td>
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<tr>
<td>334</td>
<td>NSR-8</td>
<td>Construction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar (1:4) including two 560 mm dia. R.C.C. manhole cover (heavy type) approved make supplied, fitted and fixed in the 100mm thick R.C.C. (1:1.5:3) top slab with necessary fittings, 20mm thick cement plaster (4 : 1) with neat cement finish to the internal surfaces and 15 mm thick cement plaster (4 : 1) to outside wall upto 200 mm below G.L. floor finished with 25 mm thick grey artificial stone over 100 mm thick R.C.C (1:1.5:3) bottom slab including supplying, fitting and fixing all necessary specials, fittings, S.W. tees, C.I. foot rest etc. including excavation earth in all sorts of soil, shoring, bailing out and pumping out water as necessary, ramming, dressing the bed and refilling the sides of the tanks with earth, removing spoils, filling up the chamber with clear water, removing foreign materials from the chamber and including constructing attached inspection pit as per approved drawing and connecting all necessary pipes, joints etc. with internal plaster work and artificial stone flooring is to be done with admixture of water proofing compound @ 0.5% by weight of cement with all costs of labour and materials. Note:- (i) Finished level of Septic Tank should be 400 mm. from Ground Level. (ii) Height of 50 mm.</td>
<td>Each</td>
<td>1</td>
<td>173623.30</td>
<td>173623.30</td>
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<td>335</td>
<td>NSR-8.1</td>
<td>200 USER</td>
<td>Each</td>
<td>3</td>
<td>39424.00</td>
<td>118272.00</td>
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<td>336</td>
<td>NSR-9</td>
<td>Supply fitting and fixing Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling. Pipe connection is via DIN flanges. The pump is fitted with a 3-phase, fan-cooled asynchronous motor, having head upto 90mtr. and flow 80 cu. mtr/hr. with 40HP motor</td>
<td>Each</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>337</td>
<td>NSR-10</td>
<td>Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials, cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories, specials. Payment for painting will be made separately)</td>
<td>Each</td>
<td>246</td>
<td>1860.32</td>
<td>457638.72</td>
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<tr>
<td>338</td>
<td>NSR-10.1</td>
<td>(xi) 150 mm dia. medium quality</td>
<td>Each</td>
<td>104</td>
<td>1239.39</td>
<td>128896.77</td>
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<tr>
<td>339</td>
<td>NSR-10.2</td>
<td>(ix) 100 mm dia. medium quality</td>
<td>Each</td>
<td>190</td>
<td>983.14</td>
<td>186795.84</td>
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<td>340</td>
<td>NSR-10.3</td>
<td>(viii) 80 mm dia. medium quality</td>
<td>Each</td>
<td>242</td>
<td>640.64</td>
<td>155034.88</td>
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<td>341</td>
<td>NSR-10.4</td>
<td>(v) 50 mm dia. medium quality</td>
<td>Each</td>
<td>571</td>
<td>436.13</td>
<td>249029.09</td>
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<td>342</td>
<td>NSR-10.5</td>
<td>(iv) 32 mm dia. medium quality</td>
<td>Each</td>
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<td>343</td>
<td>NSR-11</td>
<td>Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).</td>
<td>Each</td>
<td>6</td>
<td>11837.06</td>
<td>71022.34</td>
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<td>344</td>
<td>NSR-11.1</td>
<td>(i) 100 mm dia</td>
<td>Each</td>
<td>6</td>
<td>6888.11</td>
<td>55104.90</td>
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<td>NSR-11.2</td>
<td>(ii) 80 mm dia</td>
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<td>46</td>
<td>2805.26</td>
<td>129042.14</td>
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<td>346</td>
<td>NSR-11.3</td>
<td>(iv) 50 mm dia</td>
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<td>347</td>
<td>18.19</td>
<td>Providing and fixing gun metal non-return valve of approved quality (screwed end) :</td>
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<td>12</td>
<td>2146.59</td>
<td>25759.10</td>
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<td>18.19.6</td>
<td>80 mm nominal bore</td>
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<td>4</td>
<td>2523.58</td>
<td>10094.34</td>
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<td>349</td>
<td>18.19.6.1</td>
<td>Horizontal</td>
<td>Each</td>
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<td>478.58</td>
<td>17228.74</td>
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<td>18.19.6.2</td>
<td>Vertical</td>
<td>Each</td>
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<td>18.19.2</td>
<td>32 mm nominal bore</td>
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<td>18.19.2.1</td>
<td>Horizontal</td>
<td>Each</td>
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<td>355</td>
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<td>EARTH FILLING</td>
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<td>356</td>
<td>NSR-12</td>
<td>Supplying and Stacking of Good Earth by mechanical transport including loading, unloading including royalty &amp; carriage up to 5 KM complete.</td>
<td>Cum</td>
<td>12219.1</td>
<td>261.97</td>
<td>3201013.19</td>
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Note: EARTH FILLING includes all labour, materials, transport, and related activities.
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<th>Code No / NSR</th>
<th>DESCRIPTION</th>
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<th>QTY</th>
<th>RATE</th>
<th>AMOUNT</th>
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<tr>
<td>357</td>
<td>NSR-13</td>
<td>Spreading of sludge, dump manure and/or good earth in required thickness and extra for compaction of earth work as per direction of officer-in-charge (cost of sludge, dump manure and/or good earth to be paid separately).</td>
<td>Cum</td>
<td>12219.1</td>
<td>51.30</td>
<td>626790.95</td>
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<td>358</td>
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<td>360</td>
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<td>CONCRETE ROAD WORK</td>
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<td>361</td>
<td>2.28</td>
<td>Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m. All kinds of soil</td>
<td>Sqm</td>
<td>5254.6</td>
<td>9.74</td>
<td>51200.82</td>
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<tr>
<td>362</td>
<td>2.28.1</td>
<td>All kinds of soil</td>
<td>Cum</td>
<td>1541.4</td>
<td>298.26</td>
<td>459731.80</td>
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<td>363</td>
<td>2.2</td>
<td>Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50m and lift upto 1.5 m</td>
<td>Sqm</td>
<td>3853.4</td>
<td>154.00</td>
<td>593423.60</td>
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<tr>
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<td>2.2.1</td>
<td>All kinds of soil</td>
<td>Cum</td>
<td>770.7</td>
<td>604.80</td>
<td>466119.36</td>
</tr>
<tr>
<td>365</td>
<td>2.27</td>
<td>Supplying and filling in plinth with Sand under floors, including watering, ramming, consolidating and dressing complete.</td>
<td>Cum</td>
<td>315.3</td>
<td>4737.15</td>
<td>1493624.03</td>
</tr>
<tr>
<td>366</td>
<td>NSR-14</td>
<td>Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.</td>
<td>Sqm</td>
<td>735.6</td>
<td>5275.31</td>
<td>3880519.51</td>
</tr>
<tr>
<td>367</td>
<td>4.1</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:</td>
<td>Kg</td>
<td>12611.1</td>
<td>60.70</td>
<td>765544.21</td>
</tr>
<tr>
<td>368</td>
<td>4.1.4</td>
<td>1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>4203.7</td>
<td>87.47</td>
<td>367706.05</td>
</tr>
<tr>
<td>369</td>
<td>4.1.2</td>
<td>1:1:5:3 (1 Cement: 1/2 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)</td>
<td>Cum</td>
<td>420.4</td>
<td>55.10</td>
<td>23165.72</td>
</tr>
<tr>
<td>370</td>
<td>5.22</td>
<td>Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete at all levels.</td>
<td>Kg</td>
<td>63.1</td>
<td>4248.61</td>
<td>268087.16</td>
</tr>
<tr>
<td>371</td>
<td>5.22.6</td>
<td>Thermo-Mechanically Treated bars of grade Fe-500D or more.</td>
<td></td>
<td>420.4</td>
<td>55.10</td>
<td>23165.72</td>
</tr>
<tr>
<td>372</td>
<td>16.46.1</td>
<td>Providing and laying in position bitumen hot sealing compound for expansion joints etc. Using grade 'A' sealing compound.</td>
<td>per cm depth per cm width per m length</td>
<td>4203.7</td>
<td>2.69</td>
<td>11299.55</td>
</tr>
<tr>
<td>373</td>
<td>16.45</td>
<td>Providing and fixing in position pre-moulded joint filler in expansion joints.</td>
<td>per cm depth per cm width per m length</td>
<td>4203.7</td>
<td>2.69</td>
<td>11299.55</td>
</tr>
<tr>
<td>374</td>
<td>16.69</td>
<td>Providing and laying at or near ground level factory made kerb stone of M-25 grade cement concrete in position to the required line, level and curvature, jointed with cement mortar 1:3 (1 cement: 3 coarse sand), including making joints with or without grooves (thickness of joints except at sharp curve shall not to more than 5mm), including making drainage opening wherever required complete etc. as per direction of Engineer-in-charge (length of finished kerb edging shall be measured for payment). (Precast C.C. kerb stone shall be approved by Engineer-in-charge).</td>
<td>Cum</td>
<td>420.4</td>
<td>55.10</td>
<td>23165.72</td>
</tr>
<tr>
<td>375</td>
<td>16.47.1</td>
<td>Painting runway/taxi track/apron marking with adequate nos of coats to give uniform finish with road marking paint of superior make as approved by the Engineer-in-charge, i/c cleaning the surface of all dirt, scales, oil, grease and other foreign material etc. and lining out complete. New work (Two or more coats)</td>
<td>Sqm</td>
<td>585.9</td>
<td>172.82</td>
<td>100537.44</td>
</tr>
<tr>
<td>376</td>
<td>4.3</td>
<td>Centering and shuttering including strutting, propping etc. and removal of form work for:</td>
<td>Sqm</td>
<td>350.8</td>
<td>172.82</td>
<td>60537.44</td>
</tr>
<tr>
<td>377</td>
<td>4.3.1</td>
<td>Foundations, footings, bases for columns</td>
<td>Sqm</td>
<td>350.8</td>
<td>172.82</td>
<td>60537.44</td>
</tr>
<tr>
<td>378</td>
<td></td>
<td>TOTAL OF CONCRETE ROAD WORK</td>
<td></td>
<td></td>
<td></td>
<td>8440959.25</td>
</tr>
<tr>
<td>379</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>380</td>
<td></td>
<td>PARKING</td>
<td></td>
<td></td>
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<tr>
<td>Sl. No.</td>
<td>DSR-2016 Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
<td>AMOUNT</td>
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</tr>
<tr>
<td>381</td>
<td>2.28</td>
<td>Surface dressing of the ground including removing vegetation and inequalities not exceeding 15 cm deep and disposal of rubbish, lead upto 50 m and lift upto 1.5 m.</td>
<td>Sqm</td>
<td>3079.6</td>
<td>9.74</td>
<td>30099.57</td>
</tr>
<tr>
<td>382</td>
<td>2.28.1</td>
<td>All kinds of soil</td>
<td>Cum</td>
<td>1077.9</td>
<td>298.26</td>
<td>321490.14</td>
</tr>
<tr>
<td>383</td>
<td>2.2</td>
<td>Earth work in rough excavation, banking excavated earth in layers not exceeding 20 cm in depth, breaking clods, watering, rolling each layer with ½ tonne roller or wooden or steel rammers, and rolling every 3rd and top-most layer with power roller of minimum 8 tonnes and dressing up in embankments for roads, flood banks, marginal banks and guide banks or filling up ground depressions, lead upto 50m and lift upto 1.5 m</td>
<td>Sqm</td>
<td>3079.6</td>
<td>154.00</td>
<td>474289.20</td>
</tr>
<tr>
<td>384</td>
<td>2.2.1</td>
<td>All kinds of soil</td>
<td>Cum</td>
<td>923.9</td>
<td>604.80</td>
<td>558774.72</td>
</tr>
<tr>
<td>385</td>
<td>2.27</td>
<td>Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete.</td>
<td>Cum</td>
<td>462</td>
<td>4737.15</td>
<td>2188564.22</td>
</tr>
<tr>
<td>386</td>
<td>NSR-16</td>
<td>Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.</td>
<td>Sqm</td>
<td>3079.6</td>
<td>154.00</td>
<td>474289.20</td>
</tr>
<tr>
<td>387</td>
<td>4.1</td>
<td>Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :</td>
<td>Cum</td>
<td>462</td>
<td>172.82</td>
<td>79840.99</td>
</tr>
<tr>
<td>388</td>
<td>4.1.4</td>
<td>1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)</td>
<td>Cum</td>
<td>462</td>
<td>4737.15</td>
<td>2188564.22</td>
</tr>
<tr>
<td>389</td>
<td>4.3</td>
<td>Centering and shuttering including strutting, propping etc. and removal of form work for :</td>
<td>Cum</td>
<td>462</td>
<td>621.94</td>
<td>1915438.49</td>
</tr>
<tr>
<td>390</td>
<td>4.3.1</td>
<td>Foundations, footings, bases for columns</td>
<td>Sqm</td>
<td>462</td>
<td>172.82</td>
<td>79840.99</td>
</tr>
<tr>
<td>391</td>
<td>16.91</td>
<td>Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness &amp; size/ shape, made by table vibratory method using PU mould, laid in required colour &amp; pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.</td>
<td>Sqm</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>392</td>
<td>16.91.1</td>
<td>60mm thick cement concrete paver block of M-35 grade with approved colour, design &amp; pattern.</td>
<td>Sqm</td>
<td>3079.6</td>
<td>621.94</td>
<td>1915438.49</td>
</tr>
<tr>
<td>393</td>
<td></td>
<td>Sub Total =</td>
<td></td>
<td></td>
<td></td>
<td>5568407.34</td>
</tr>
<tr>
<td>394</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>395</td>
<td></td>
<td>BORE WELL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>396</td>
<td>NSR-17</td>
<td>Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire &amp; running charges of all equipment, tools, plants &amp; machineries required for the job, all complete as per direction of Engineer-in-Charge, upto 90 metre depth below ground level.</td>
<td>Cum</td>
<td>425.26</td>
<td>38273.76</td>
<td></td>
</tr>
<tr>
<td>397</td>
<td>NSR-17.1</td>
<td>All types of soil</td>
<td>Metre</td>
<td>90</td>
<td>425.26</td>
<td>38273.76</td>
</tr>
<tr>
<td>398</td>
<td>NSR-17.1.1</td>
<td>400 mm dia</td>
<td>Metre</td>
<td>60</td>
<td>531.55</td>
<td>31893.12</td>
</tr>
<tr>
<td>399</td>
<td>NSR-18</td>
<td>Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire &amp; running charges of all equipments, tools, plants &amp; machineries required for the job, all complete as per direction of Engineer-in-Charge, beyond 90 metre &amp; upto 150 metre depth below ground level.</td>
<td>Metre</td>
<td>519.90</td>
<td>62388.48</td>
<td></td>
</tr>
<tr>
<td>Sl. No.</td>
<td>Code No / NSR</td>
<td>DESCRIPTION</td>
<td>UNIT</td>
<td>QTY</td>
<td>RATE</td>
<td>AMOUNT</td>
</tr>
<tr>
<td>--------</td>
<td>---------------</td>
<td>------------------------------------------------------------------------------</td>
<td>------</td>
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<td>------</td>
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</tr>
<tr>
<td>403</td>
<td>NSR-20</td>
<td>Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire &amp; labour charges, fittings &amp; accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>404</td>
<td>NSR-20.1</td>
<td>150 mm nominal size dia</td>
<td>Metre</td>
<td>30</td>
<td>451.81</td>
<td>13554.24</td>
</tr>
<tr>
<td>405</td>
<td>NSR-21</td>
<td>Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading &amp; sizes as per actual requirement, all complete as per direction of Engineer-in-charge.</td>
<td>Cum</td>
<td>7.36</td>
<td>985.15</td>
<td>7250.72</td>
</tr>
<tr>
<td>406</td>
<td>NSR-22</td>
<td>Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 plain slotted (having slot of size 1.6/3.2 mm) mild steel threaded and socketed/ plain bevel ended pipe (type A) of required dia, conforming to IS: 8110, of reputed and approved make, having wall thickness not less than 5.40 mm, including painted with outside surface with two coats of anticorrosive bitumestic paint of approved brand and manufacture, including hire &amp; labour charges, fittings &amp; accessories, all complete, for all depths, as per direction of Engineer-in-charge.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>407</td>
<td>NSR-22.1</td>
<td>200 mm diameter</td>
<td>Metre</td>
<td>5</td>
<td>1297.18</td>
<td>6485.92</td>
</tr>
<tr>
<td>408</td>
<td>NSR-23</td>
<td>Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by &quot;V&quot; notch method or any other approved method, measuring static level &amp; draw down etc. by step draw down method, collecting water samples &amp; getting tested in approved laboratory, i/c disinfection of tube well, all complete, including hire &amp; labour charges of air compressor, tools &amp; accessories etc., all as per requirement and direction of Engineer-in-charge.</td>
<td>Hour</td>
<td>144</td>
<td>469.73</td>
<td>67640.83</td>
</tr>
<tr>
<td>409</td>
<td>NSR-24</td>
<td>Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for bore well of:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>410</td>
<td>NSR-24.1</td>
<td>200 mm dia</td>
<td>Each</td>
<td>1</td>
<td>198.58</td>
<td>198.58</td>
</tr>
<tr>
<td>411</td>
<td>NSR-25</td>
<td>Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tube well as per IS: 2800 (part I), including necessary bolts &amp; nuts of required size complete.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>412</td>
<td>NSR-25.1</td>
<td>200 mm clamp</td>
<td>Each</td>
<td>2</td>
<td>1250.82</td>
<td>2501.63</td>
</tr>
<tr>
<td>413</td>
<td>NSR-26</td>
<td>Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tube well as per IS:2800 (part I),</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>414</td>
<td>NSR-26.1</td>
<td>150 mm dia</td>
<td>Each</td>
<td>1</td>
<td>199.92</td>
<td>199.92</td>
</tr>
<tr>
<td>415</td>
<td>NSR-27</td>
<td>Supplying, fitting and fixing Bore well submersible pump having flow 48cu. Mtr. per hr. and 45 mtr head with 12.5HP motor 3 phase</td>
<td>Each</td>
<td>1</td>
<td>102502.40</td>
<td>102502.40</td>
</tr>
<tr>
<td>416</td>
<td>NSR-28</td>
<td>Supplying, fitting and fixing in position G.I. pipes of TATA make for underground works with all necessary accessories, specials viz.socket, bend, tee, union, cross, elbow, nipple, short piece etc. including cost of all materials, jointing materials ,cutting pipes, making threads, cutting trenches upto 1.5 metre below surface in all sorts of soil and refilling the same as directed with two coats of painting on G.I. pipes and specials with bituminous paint complete in all respect. (Payment will be made on the centre line measurement of the total pipe line including all specials No separate payment will be made for accessories, specials. Payment for painting will be made separately)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>417</td>
<td>NSR28.1</td>
<td>80 mm dia, medium quality</td>
<td>Metre</td>
<td>60</td>
<td>983.14</td>
<td>58988.16</td>
</tr>
<tr>
<td>418</td>
<td>NSR-29</td>
<td>Supplying, fitting and fixing gunmetal wheel valve of approved brand and make tested to 21 kg per sq. cm. (for water lines only).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>419</td>
<td>NSR-29.1</td>
<td>(ii) 80 mm dia</td>
<td>Each</td>
<td>2</td>
<td>6888.11</td>
<td>13776.22</td>
</tr>
<tr>
<td>420</td>
<td>NSR-30</td>
<td>Providing and fixing gun metal non- return valve of approved quality (screwed end) :</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>421</td>
<td>NSR-30.1</td>
<td>80 mm nominal bore</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Sl. No.</td>
<td>Code No / NSR</td>
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</tr>
<tr>
<td>422</td>
<td>NSR-30.1.1</td>
<td>Horizontal</td>
<td>Each</td>
<td>1</td>
<td>3083.81</td>
<td>3083.81</td>
</tr>
<tr>
<td>423</td>
<td>NSR-30.1.2</td>
<td>Vertical</td>
<td>Each</td>
<td>1</td>
<td>3627.68</td>
<td>3627.68</td>
</tr>
<tr>
<td>424</td>
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<td><strong>Sub Total =</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>4,12,365.47</strong></td>
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<tr>
<td>425</td>
<td></td>
<td><strong>Grand Total =</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>40,58,97,233.78</strong></td>
</tr>
</tbody>
</table>

Note:

i) CONTRACTOR SHALL PUT RATES OF ALL SUBSTRUCTURE ITEMS CONSIDERING DEWATERING, BALLING OUT WATER AND ALL OTHER NECESSARY INCIDENCES OF UNDER WATER CONDITION.

ii) DESCRIPTION OF VARIOUS ITEMS OF THIS TENDER ARE AS PER DSR ITEM CODE NUMBER MENTIONED IN THE BOQ. HOWEVER ITEM RATES ARE CALCULATED BASED ON MARKET ANALYSIS.