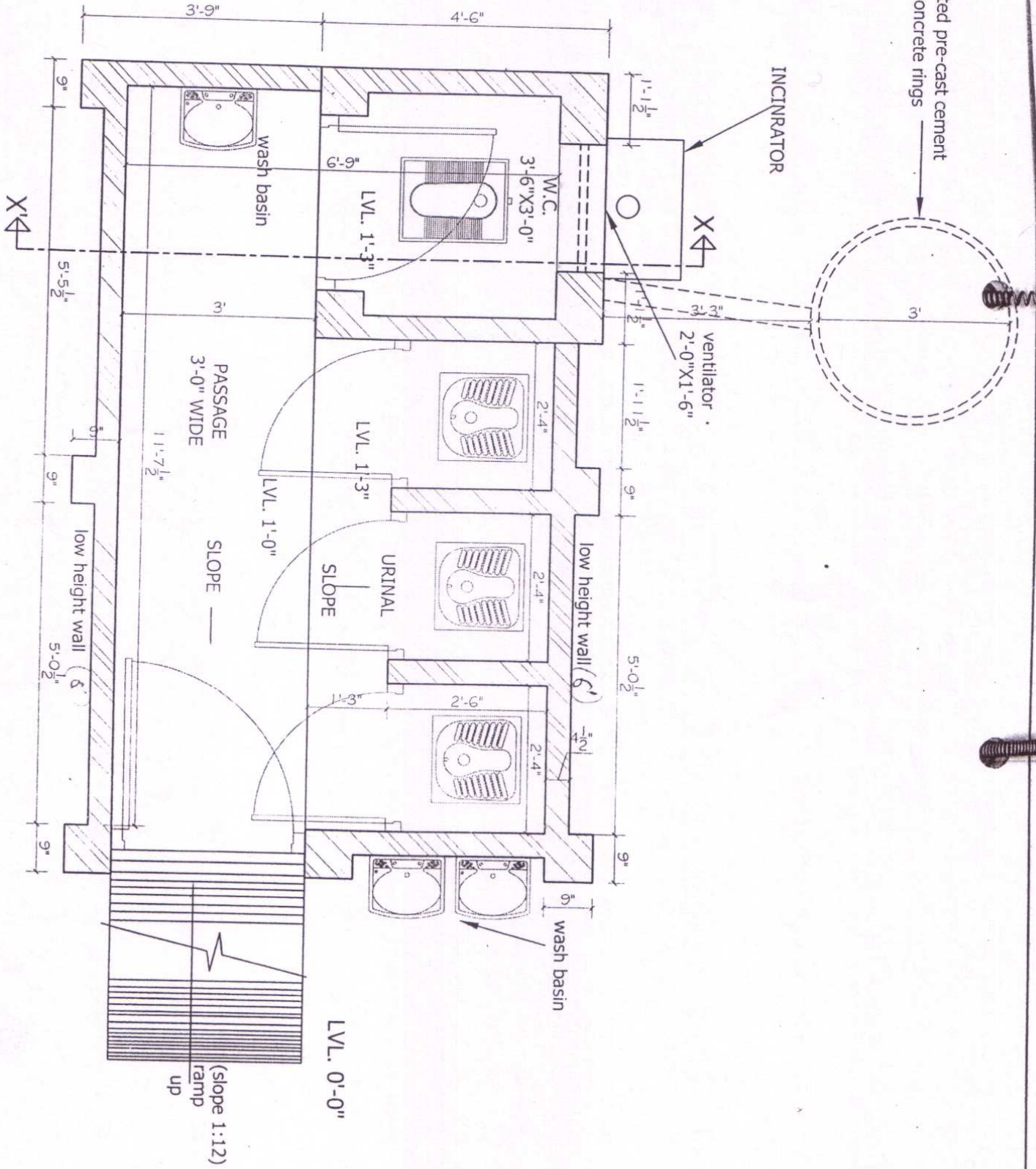




perforated pre-cast cement  
concrete rings

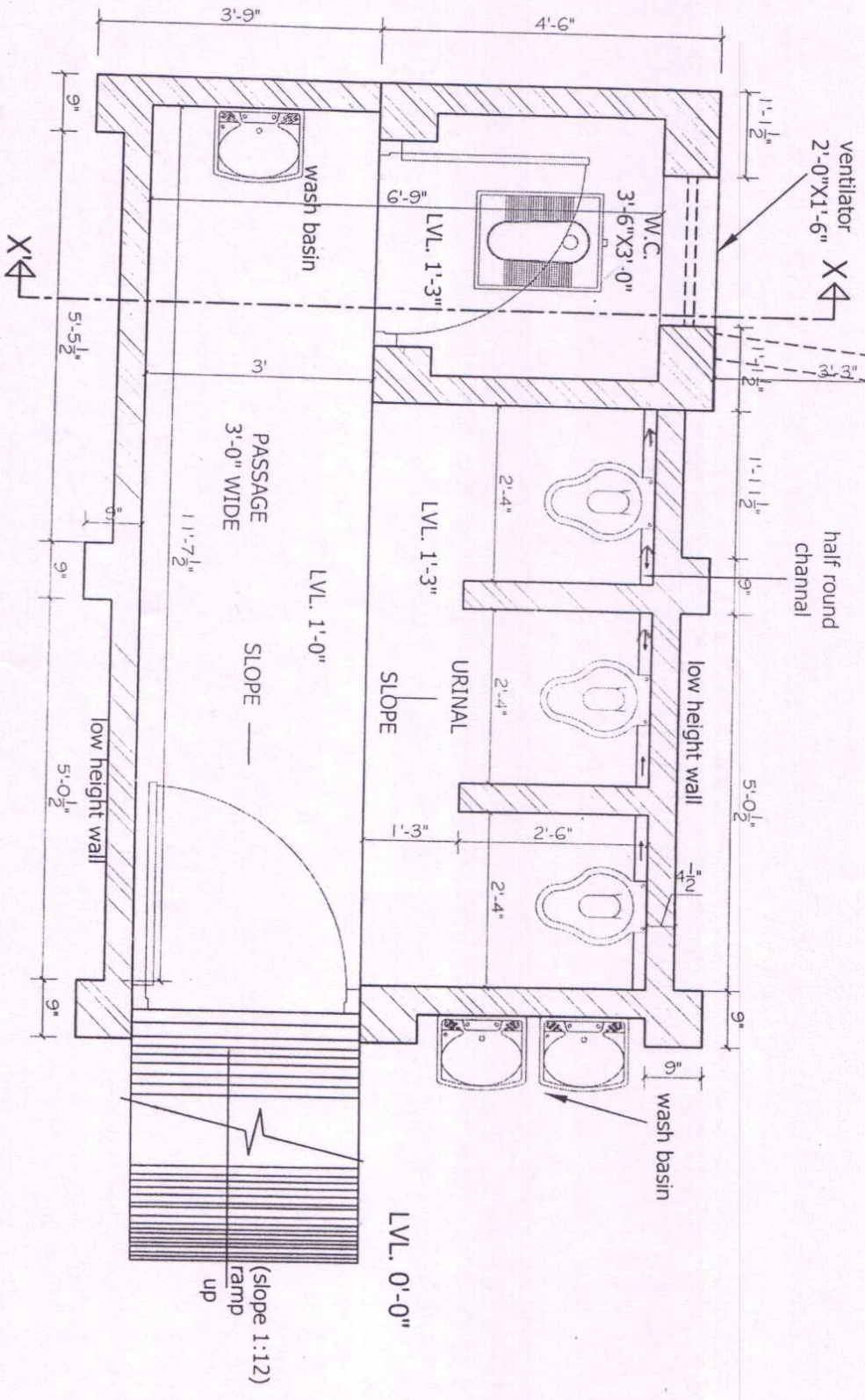
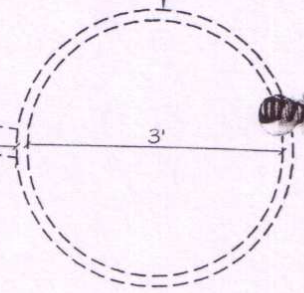
INCINRATOR

ventilator  
2'-0"X1'-6"



**GIRLS TOILET**  
**DETAILED PLAN**

perforated pre-cast cement concrete rings



**BOYS TOILET  
DETAILED PLAN**

# RAJASTHAN COUNCIL OF ELEMENTARY EDUCATION, JAIPUR

Detailed and Abstract of Estimate ( For Primary and Upper Primary Schools)

**Name of Work: constriction of Toilet block for Boys**

**PART-A (Building Work) Based on BSR PWD - 2014, Jaipur circle**

| S. No.       | BSR Ref    | Description   | No.  | L      | B      | H/D          | Qty     | Unit           | Rate     | Amount  |         |
|--------------|------------|---|------|--------|--------|--------------|---------|----------------|----------|---------|---------|
| 1            | B-2/1.8    | 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 taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter.<br>All kinds of soils |      |        |        |              |         |                |          |         |         |
|              |            | Long wall   | 2    | 14.875 | 2.50   | 2.50         | 185.938 |                |          |         |         |
|              |            | Short wall  | 2    | 5.00   | 2.50   | 2.50         | 62.500  |                |          |         |         |
|              |            | W.C., Partition wall  | 1    | 3.75   | 2.50   | 2.50         | 23.438  |                |          |         |         |
|              |            | W.C., front wall  | 1    | 1.75   | 2.50   | 2.50         | 10.938  |                |          |         |         |
|              |            | Ramp  | 1    | 9.25   | 3.00   | 0.50         | 13.875  |                |          |         |         |
|              |            |   |      |        |        |              |         | <b>296.688</b> |          |         |         |
|              |            | <b>Total</b>  |      |        |        |              |         | <b>8.401</b>   | cum      | 155.00  | 1302.18 |
| 2            | B-9/3.1.6  | PCC in foundation : Providing and laying in position cement concrete including curing compaction etc. complete in spocified grade excluding the cost of centering and shuttering all work upto plinth level 1:4:8(1 cement:4 Coarse sand :8 graded stone aggregate 40 mm nominal size).   |      |        |        |              |         |                |          |         |         |
|              |            | Long wall   | 2    | 14.875 | 2.50   | 0.50         | 37.188  |                |          |         |         |
|              |            | Short wall  | 2    | 5.00   | 2.50   | 0.50         | 12.500  |                |          |         |         |
|              |            | W.C., Partition wall  | 1    | 3.75   | 2.50   | 0.50         | 4.688   |                |          |         |         |
|              |            | W.C., front wall  | 1    | 1.75   | 2.50   | 0.50         | 2.188   |                |          |         |         |
|              |            | Ramp  | 1    | 10.00  | 3.00   | 0.50         | 15.000  |                |          |         |         |
|              |            |   |      |        |        |              |         | 71.563         |          |         |         |
|              |            | <b>Total</b>  |      |        |        |              |         | <b>2.026</b>   | cum      | 2858.75 | 5792.99 |
| 3            | B-21/6.1.6 | Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in cement mortat 1:6 (1-Cement: 6- Sand)  |      |        |        |              |         |                |          |         |         |
|              |            | 1st step  |      |        |        |              |         |                |          |         |         |
|              |            | Long wall   | 2    | 14.375 | 2.00   | 1.00         | 57.500  |                |          |         |         |
|              |            | Short wall  | 2    | 5.50   | 2.00   | 1.00         | 22.000  |                |          |         |         |
|              |            | W.C., Partition wall  | 1    | 3.75   | 2.00   | 1.00         | 7.500   |                |          |         |         |
|              |            | W.C., front wall  | 1    | 2.25   | 2.00   | 1.00         | 4.500   |                |          |         |         |
|              |            | 2nd step  |      |        |        |              |         |                |          |         |         |
|              |            | Long wall   | 2    | 13.875 | 1.50   | 1.00         | 41.625  |                |          |         |         |
|              |            | Short wall  | 2    | 6.00   | 1.50   | 1.00         | 18.000  |                |          |         |         |
|              |            | W.C., Partition wall  | 1    | 3.75   | 1.50   | 1.00         | 5.625   |                |          |         |         |
|              |            | W.C., front wall  | 1    | 2.75   | 1.50   | 1.00         | 4.125   |                |          |         |         |
|              |            | 3rd step  |      |        |        |              |         |                |          |         |         |
|              |            | Long wall   | 2    | 13.375 | 1.00   | 1.00         | 26.750  |                |          |         |         |
|              |            | Short wall  | 2    | 6.50   | 1.00   | 1.00         | 13.000  |                |          |         |         |
|              |            | W.C., Partition wall  | 1    | 3.75   | 1.00   | 1.00         | 3.750   |                |          |         |         |
|              |            | W.C., front wall  | 1    | 3.25   | 1.00   | 1.00         | 3.250   |                |          |         |         |
| Ramp         | 2          | 10.00   | 1.00 | 0.75   | 15.000 |              |         |                |          |         |         |
|              |            |   |      |        |        | 222.625      |         |                |          |         |         |
| <b>Total</b> |            |   |      |        |        | <b>6.304</b> | cum     | 2458.00        | 15495.18 |         |         |
| 4            |            | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  |      |        |        |              |         |                |          |         |         |
|              |            | M15 grade Nominal Mix   |      |        |        |              |         |                |          |         |         |
|              |            |   | 2    | 13.38  | 1.00   | 0.33         | 8.908   |                |          |         |         |
|              |            |   | 2    | 6.50   | 1.00   | 0.33         | 4.329   |                |          |         |         |
|              |            |   | 1    | 3.75   | 1.00   | 0.33         | 1.249   |                |          |         |         |
|              |            |   | 1    | 3.25   | 1.00   | 0.33         | 1.082   |                |          |         |         |
|              |            |   |      |        |        |              |         | 15.568         |          |         |         |
| <b>Total</b> |            |   |      |        |        | <b>0.441</b> | cum     | 4003.75        | 1764.95  |         |         |
| 5            | B-17/5.2.2 | Brick masonry with F.P.S bricks of 1st Class Designation in superstructure above plinth level upto floor Vth level in all shapes and sizes in Cement mortar 1:6 ( 1 Cement :6 Coarse sand)  |      |        |        |              |         |                |          |         |         |
|              |            | W.C., front & back wall   | 2    | 4.63   | 0.75   | 8.00         | 55.500  |                |          |         |         |
|              |            | Pillars   | 6    | 0.75   | 0.75   | 6.00         | 20.250  |                |          |         |         |
|              |            | Deduction D   | -1   | 2.75   | 0.75   | 6.50         | -13.406 |                |          |         |         |
|              |            | ded for ventilator  | -1   | 2.00   | 0.75   | 1.50         | -2.250  |                |          |         |         |
|              |            |   |      |        |        |              |         | 60.094         |          |         |         |
| <b>Total</b> |            |   |      |        |        | <b>1.703</b> | cum     | 4096.00        | 6976.87  |         |         |
| 6            | B-18/5.9.3 | Half brick msonary in superstructure above plinth level uoto floor V level using F P S bricks of designation 75 in cement mortar 1:6  |      |        |        |              |         |                |          |         |         |
|              |            | Outer walls   | 2    | 3.00   |        | 8.00         | 48.00   |                |          |         |         |
|              |            |   | 2    | 3.00   |        | 6.00         | 36.00   |                |          |         |         |
|              |            | Outer walls   | 1    | 5.83   |        | 6.00         | 35.00   |                |          |         |         |
|              |            | Outer walls   | 1    | 5.08   |        | 6.00         | 30.50   |                |          |         |         |
|              |            | Urinal walls  | 2    | 2.50   |        | 6.00         | 30.00   |                |          |         |         |
|              |            |   | 2    | 2.33   |        | 6.00         | 28.00   |                |          |         |         |
|              |            |   | 1    | 1.96   |        | 6.00         | 11.75   |                |          |         |         |
|              |            |   |      |        |        |              |         | <b>219.24</b>  |          |         |         |
|              |            | <b>Net qty</b>  |      |        |        |              |         | <b>20.375</b>  | sqm      | 478.00  | 9739.47 |

| S. No. | BSR Ref                | Description  | No. | L     | B     | H/D  | Qty     | Unit    | Rate    | Amount  |  |
|--------|------------------------|--|-----|-------|-------|------|---------|---------|---------|---------|--|
| 7      | B-35/9.5               | Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as require including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. |     |       |       |      |         |         |         |         |  |
|        |                        |  | 1   |       |       |      | 20.0    |         |         |         |  |
|        |                        |  |     |       |       |      | 20      | kg      | 80.00   | 1600.00 |  |
| 8      | B-37 / 9.17.1 + 9.17.2 | Providing and fixing M.S. sheet 1mm thick single leaf door shutter in angle iron frame 35x35x5mm suitably diagonally braced with 25x3mm flat iron above and below lock rail of size 50x5mm beading extra including all fittings, as per direction of Engg. incharge but excluding cost of chowkhats: including two coats of anit-corrosive red oxide primer paint  |     |       |       |      |         |         |         |         |  |
|        |                        |  | 1   | 2.75  |       | 6.50 | 17.875  |         |         |         |  |
|        |                        |  | 1   | 2.75  |       | 6.00 | 16.500  |         |         |         |  |
|        |                        |  |     |       |       |      | 34.375  |         |         |         |  |
|        |                        |  |     |       |       |      | 3.195   |         | 2605.00 | 8322.20 |  |
| 9      | B-36/9.8.1             | Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.  |     |       |       |      | 10.00   | kg      | 92.00   | 920.00  |  |
| 10     | B-62/12.38             | <b>Stone Kharanja: Random rubble dry stone kharanja under floor</b>  |     |       |       |      |         |         |         |         |  |
|        |                        | W.C.   | 1   | 3.50  | 3.00  | 0.50 | 5.250   | cuft    |         |         |  |
|        |                        | Urinal   | 3   | 2.33  | 2.50  | 0.50 | 8.738   | cuft    |         |         |  |
|        |                        |  | 1   | 7.74  | 4.25  | 0.50 | 16.448  | cuft    |         |         |  |
|        |                        |  | 1   | 3.5   | 3.00  | 0.50 | 5.250   | cuft    |         |         |  |
|        |                        | Total  |     |       |       |      | 35.685  | cuft    |         |         |  |
|        |                        |  |     |       | 1.010 | cum  | 807.00  | 815.46  |         |         |  |
| 11     |                        | M10 grade Nominal Mix<br>1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).  |     |       |       |      |         |         |         |         |  |
|        |                        | W.C.   | 1   | 3.50  | 3.00  | 0.17 | 1.750   | cuft    |         |         |  |
|        |                        | Urinal   | 3   | 2.33  | 2.50  | 0.17 | 2.913   | cuft    |         |         |  |
|        |                        |  | 1   | 7.74  | 4.25  | 0.17 | 5.483   | cuft    |         |         |  |
|        |                        |  | 1   | 3.5   | 3.00  | 0.17 | 1.750   | cuft    |         |         |  |
|        |                        | Total  |     |       |       |      | 11.895  | cuft    |         |         |  |
|        |                        |  |     |       | 0.337 | cum  | 3331.25 | 1122.05 |         |         |  |
| 12     | S-10/1.63              | Providing & Fixing 1st quality standard White, gray, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 and IS: 15622 of size 300mm x 200mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of tile complete (excluding the cost of cement plaster on walls and pillar)  |     |       |       |      |         |         |         |         |  |
|        |                        | W.C.   | 1   | 11.75 |       | 4.00 | 47.000  |         |         |         |  |
|        |                        | Urinal   | 3   | 7.33  |       | 4.00 | 87.960  |         |         |         |  |
|        |                        |  |     |       |       |      | 134.960 |         |         |         |  |
|        |                        |  |     |       |       |      | 12.543  | sqm     | 613.00  | 7688.71 |  |
| 13     |                        | Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  |     |       |       |      |         |         |         |         |  |
|        |                        | Floor  | 1   | 3.50  | 3.00  |      | 10.500  | sqft    |         |         |  |
|        |                        | Door sill  | 1   | 2.75  | 0.75  |      | 2.063   | sqft    |         |         |  |
|        |                        | urinal floor   | 3   | 2.50  | 2.33  |      | 17.475  | sqft    |         |         |  |
|        |                        |  | 1   | 7.74  | 1.25  |      | 9.675   | sqft    |         |         |  |
|        |                        |  | 1   | 12.00 | 3.00  |      | 36.000  | sqft    |         |         |  |
|        |                        |  |     |       |       |      | 75.713  |         |         |         |  |
|        |                        |  |     |       |       |      | 7.036   | sqm,    | 680.00  | 4784.80 |  |
| 14     |                        | Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish :   |     |       |       |      |         |         |         |         |  |
|        |                        | <b>Plaster</b>   |     |       |       |      |         |         |         |         |  |
|        |                        | W.C.   | 1   | 12.00 |       | 6    | 72.000  |         |         |         |  |
|        |                        |  | 1   | 14.50 |       | 8    | 116.000 |         |         |         |  |
|        |                        |  | 1   | 3.00  |       | 6    | 18.000  |         |         |         |  |
|        |                        |  | 1   | 3.75  |       | 8    | 30.000  |         |         |         |  |
|        |                        |  | 1   | 3.75  |       | 6    | 22.500  |         |         |         |  |
|        |                        | urinal wall  | 4   | 2.50  |       | 6    | 60.000  |         |         |         |  |
|        |                        |  | 3   | 2.33  |       | 6    | 41.940  |         |         |         |  |
|        |                        |  | 1   | 3.88  |       | 6    | 23.280  |         |         |         |  |
|        |                        | door   | -1  | 2.75  |       | 6.5  | -17.875 |         |         |         |  |
|        |                        | vent   | -1  | 2.00  |       | 1.5  | -3.000  |         |         |         |  |
|        |                        |  |     |       |       |      | 362.845 |         |         |         |  |
|        |                        |  |     |       |       | (A)  | 33.722  | sqm     |         |         |  |

| S. No.   | BSR Ref      | Description   | No. | L      | B                    | H/D           | Qty           | Unit           | Rate            | Amount  |  |
|--|--------------|---|-----|--------|----------------------|---------------|---------------|----------------|-----------------|---------|--|
|  |              | <b>plaster</b>  |     |        |                      |               |               |                |                 |         |  |
|  |              | Long wall   | 2   | 13.17  |                      | 8.00          | 210.656       |                |                 |         |  |
|  |              | Short wall  | 1   | 8.25   |                      | 8.00          | 66.000        |                |                 |         |  |
|  |              |   | 1   | 5.25   |                      | 8.00          | 42.000        |                |                 |         |  |
|  |              | Ramp  | 2   | 4.00   |                      | 1.00          | 8.000         |                |                 |         |  |
|  |              | add for toilet height   | 1   | 17.50  |                      | 2.00          | 35.000        |                |                 |         |  |
|  |              | deduction door  | 1   | 2.75   |                      | -6.5          | -17.875       |                |                 |         |  |
|  |              | vent  | 1   | 2.00   |                      | -1.5          | -3.000        |                |                 |         |  |
|  |              |   |     |        |                      |               |               | <b>340.781</b> |                 |         |  |
|  |              |   |     |        |                      |               | Net qty (B)   |                |                 |         |  |
|  |              | <b>Total</b>  |     |        |                      | <b>65.393</b> | sqm           | 128.00         | 8370.27         |         |  |
| 15   |              | Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :  |     |        |                      |               |               |                |                 |         |  |
|  |              | Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  | 1   | 3.000  | 3.500                |               | 10.500        | sqft           |                 |         |  |
|  |              |   | 1   | 2.500  | 0.750                |               | 1.875         | sqft           |                 |         |  |
|  |              |   | 1   | 2.000  | 0.750                |               | 1.500         | sqft           |                 |         |  |
|  |              |   |     |        |                      |               | 13.875        | sqft           |                 |         |  |
|  |              |   |     |        | <b>1.289</b>         | sqm           | 295.00        | 380.40         |                 |         |  |
| 16   |              | Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. TMT Bar  |     |        |                      |               |               |                |                 |         |  |
|  |              |   |     |        |                      | <b>20.000</b> | kg            | 74.00          | 1480.00         |         |  |
| 17   | B-43/10.16   | Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, girders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. |     |        |                      |               |               |                |                 |         |  |
|  |              | M20 grade Nominal Mix / Design Mix  | 1   | 4.250  | 4.50                 | 0.333         | <b>6.369</b>  | cuft           |                 |         |  |
|  |              |   |     |        |                      |               | 6.369         | cum            | 4112.00         | 742.28  |  |
|  |              |   |     |        |                      | <b>0.181</b>  |               |                |                 |         |  |
| 18   | B-43/10.17.1 | Grading roof for water proofing treatment with water proffing compound  |     |        |                      |               |               |                |                 |         |  |
|  |              | Cement mortar 1:4 (1cement : 4 coarse sand)   | 1   | 4.250  | 4.50                 | 0.083         | <b>1.594</b>  | cum            | 4426.25         | 199.75  |  |
|  |              |   |     |        |                      |               | 0.045         |                |                 |         |  |
| 19   | B-61/12.35.1 | White washing three or more coats to give an even shade on new surfaces .   |     |        |                      |               | 116           |                |                 |         |  |
|  |              |   |     |        | Item No. 11          | <b>10.781</b> | sqm           | 10.00          | 107.81          |         |  |
|  |              |   |     |        |                      |               |               |                |                 |         |  |
| 20   | B-63/12.48.1 | PANTING ON DOORS & WINDOWS :- Painting with synthetic enamel paint of approved brand and manufacture in all shade to give an even shade new steel work (2 or more coat on new work).  |     |        |                      |               |               |                |                 |         |  |
|  |              |   |     |        | 2.25 x Qty.item No.8 | <b>7.180</b>  | sqm           | 55.00          | 394.90          |         |  |
| 21   |              | Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding: New work (Two or more coats applied @ 3.84 kg/10 sqm).   |     |        |                      |               |               |                |                 |         |  |
|  |              | Item No. 11   |     | 54.612 |                      |               | <b>54.610</b> | sqm            | 46.00           | 2512.06 |  |
| <b>Total</b>   |              |   |     |        |                      |               |               |                | <b>80512.34</b> |         |  |
| <b>PART-B (sanitary Work) Based on BSR PWD 2013, Jaipur Circle</b> |              |   |     |        |                      |               |               |                |                 |         |  |
| 1  | S-1 /1.1.2   | P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor: Size530x410 mm   |     |        |                      |               | 1             | each           | 1995.00         | 1995.00 |  |
| 2  | S-6/1.38.2   | P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make,25 mm G.I. waste pipe complete including cutting & making good the wall.: 450 x 300 mm  |     |        |                      |               | 3             | each           | 1718.00         | 5154.00 |  |
| 3  | S-3/1.19.1   | urinal  |     |        |                      |               | 3             | each           | 725.00          | 2175.00 |  |
|  |              | Size 450mm.   |     |        |                      |               |               |                |                 |         |  |

| S. No.  | BSR Ref          | Description  | No. | L | B | H/D | Qty  | Unit | Rate    | Amount           |
|---|------------------|--|-----|---|---|-----|------|------|---------|------------------|
| 4   | S-13/2.7.        | P & F Bib Cock (IS : 8931 Mark) superior quality of approved make.C.P. Brass 400 gm, 15 mm nominal bore.   |     |   |   |     | 1    | each | 259.00  | 259.00           |
| 5   | S-14/2.12.1      | P & F Inlet connection (Angle Valves) Superior quality of approved make C.P. Intel connection 15 mm brass (IS : 8931)  |     |   |   |     | 4    | each | 586.00  | 2344.00          |
| 6   | S-27/3.17.3      | P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia  |     |   |   |     | 4.24 | mtr  | 188.00  | 797.00           |
| 7   | S-27/3.17.3      | P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia  |     |   |   |     | 1    | each | 188.00  | 188.00           |
| 8   | S-28/3.18.9      | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant: Bend 87.5 110mm dia  |     |   |   |     | 4    | each | 104.00  | 416.00           |
| 9   | S-28/3.18        | Pipe Clip 110 mm dia   |     |   |   |     | 4    | each | 25.00   | 100.00           |
| 10  | S-28/3.18.12(ii) | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Vent Cowel 110 mm dia   |     |   |   |     | 1    | each | 39.00   | 39.00            |
| 11  | S-30/3.25.1      | Construction of Soakage well in all types of soil of approved drawing , top 90 cm portion in 450 mm thick with cement mortar 1:6 80 mm stone slab covering jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C. flooring earthwork etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 Mtr.inner dia 90 cm & 10 to 12 m deep                             |     |   |   |     | 1    | each | 3795.00 | 3795.00          |
| 12  | S-30/3.22.2      | Construction of Chamber in all types of soil with 300 mm thick masnory in CM. 1 : 6, 100 mm thick C.C. 1 : 5 : 10 in foundation , 20 mm thick inside plaster in Cm 1 : 6, finished with floating neat cement 50 mm thick M-15 grade C.C. flooring earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 Mtr. Inside size 450 x 450 mm depth upto 0.5 M & 5 Kg CI cover with frame. |     |   |   |     | 1    | each | 1683.00 | 1683.00          |
| 13  | S-14/2.11        | P & F Ball Cock (IS : 1703 Mark) with Rod & P.V.C. Ball complete.Brass wt. 400 gm, 15 mm   |     |   |   |     | 1    | each | 228.00  | 228.00           |
| 14  | S-15/2.15        | P & F Full way valve (IS : 778 Mark) or wheel valve of approved make. Gun metal 15 mm nominal bore.  |     |   |   |     | 1    | each | 277.00  | 277.00           |
| 15  | S-12/2.2.        | P&F GI Pipes (External Work) with GI fittings excluding union (SI: 1239 Mark) including trenching and refilling each etc. 15 mm dia nominal bore B Class   |     |   |   |     | 10   | mtr  | 168.00  | 1680.00          |
| 16  |                  | P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:<br>25mm dia nominal bore 25 mm dia nominal bore B class   |     |   |   |     | 5    | mtr  | 277.00  | 1385.00          |
| 17  | S-18/2.26.3      | P & F Precast R.C.C. Water Storage Tank with R.C.C. cover 25mm thick and 15 Cm. Long G.I. over-flow pipe including making connections etc. & hoisting upto 1M. ht. From ground level having:340ltr capacity size 90x75x60 cm   |     |   |   |     | 1    | each | 720.00  | 720.00           |
| <b>Sub Total Part B</b>   |                  |  |     |   |   |     |      |      |         | <b>23235.00</b>  |
| <b>Total (A+B)</b>  |                  |  |     |   |   |     |      |      |         | <b>103747.34</b> |
| <b>Add for QC &amp; Contingency 3%)</b>                               |                  |  |     |   |   |     |      |      |         | <b>3112.42</b>   |
| <b>say Rs</b>   |                  |  |     |   |   |     |      |      |         | <b>106859.76</b> |
| Add provision for water soures/running water for toilet block (L.S)   |                  |  |     |   |   |     |      |      |         | <b>38000.00</b>  |
| <b>145000.00</b>  |                  |  |     |   |   |     |      |      |         | <b>145000.00</b> |
| Add for Prorata /supervision charges@ 5%                              |                  |  |     |   |   |     |      |      |         | <b>7250.00</b>   |
| <b>152250.00</b>  |                  |  |     |   |   |     |      |      |         | <b>152250.00</b> |
| <b>Add for Operation&amp; Maintainence@Rs5000 per year for 3years</b> |                  |  |     |   |   |     |      |      |         | <b>15000.00</b>  |
| <b>167250.00</b>  |                  |  |     |   |   |     |      |      |         | <b>167250.00</b> |

**Say Rs 1.67 Lac only**

# RAJASTHAN COUNCIL OF ELEMENTARY EDUCATION, JAIPUR

Detailed and Abstract of Estimate ( For Primary and Upper Primary Schools)

**Name of Work: constriction of Toilet block for Girls**

**PART-A (Building Work) Based on BSR PWD - 2014, Jaipur circle**

| S. No. | BSR Ref    | Description   | No. | L      | B    | H/D          | Qty     | Unit           | Rate     | Amount |         |
|--------|------------|---|-----|--------|------|--------------|---------|----------------|----------|--------|---------|
| 1      | B-2/1.8    | 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 taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter.<br>All kinds of soils |     |        |      |              |         |                |          |        |         |
|        |            | Long wall   | 2   | 14.875 | 2.50 | 2.50         | 185.938 |                |          |        |         |
|        |            | Short wall  | 2   | 5.00   | 2.50 | 2.50         | 62.500  |                |          |        |         |
|        |            | W.C., Partition wall  | 1   | 3.75   | 2.50 | 2.50         | 23.438  |                |          |        |         |
|        |            | W.C., front wall  | 1   | 1.75   | 2.50 | 2.50         | 10.938  |                |          |        |         |
|        |            | Ramp  | 1   | 9.25   | 3.00 | 0.50         | 13.875  |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | <b>296.688</b> |          |        |         |
|        |            |   |     |        |      | <b>8.401</b> | cum     | 155.00         | 1302.18  |        |         |
| 2      | B-9/3.1.6  | PCC in foundation : Providing and laying in position cement concrete including curing compaction etc. complete in spocified grade excluding the cost of centering and shuttering all work upto plinth level 1:4:8(1 cement:4 Coarse sand :8 graded stone aggregate 40 mm nominal size).   |     |        |      |              |         |                |          |        |         |
|        |            | Long wall   | 2   | 14.875 | 2.50 | 0.50         | 37.188  |                |          |        |         |
|        |            | Short wall  | 2   | 5.00   | 2.50 | 0.50         | 12.500  |                |          |        |         |
|        |            | W.C., Partition wall  | 1   | 3.75   | 2.50 | 0.50         | 4.688   |                |          |        |         |
|        |            | W.C., front wall  | 1   | 1.75   | 2.50 | 0.50         | 2.188   |                |          |        |         |
|        |            | Ramp  | 1   | 10.00  | 3.00 | 0.50         | 15.000  |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | 71.563         |          |        |         |
|        |            |   |     |        |      | <b>2.026</b> | cum     | 2858.75        | 5792.99  |        |         |
| 3      | B-21/6.1.6 | Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in cement mortat 1:6 (1-Cement: 6- Sand)  |     |        |      |              |         |                |          |        |         |
|        |            | 1st step Long wall  | 2   | 14.375 | 2.00 | 1.00         | 57.500  |                |          |        |         |
|        |            | Short wall  | 2   | 5.50   | 2.00 | 1.00         | 22.000  |                |          |        |         |
|        |            | W.C., Partition wall  | 1   | 3.75   | 2.00 | 1.00         | 7.500   |                |          |        |         |
|        |            | W.C., front wall  | 1   | 2.25   | 2.00 | 1.00         | 4.500   |                |          |        |         |
|        |            | 2nd step Long wall  | 2   | 13.875 | 1.50 | 1.00         | 41.625  |                |          |        |         |
|        |            | Short wall  | 2   | 6.00   | 1.50 | 1.00         | 18.000  |                |          |        |         |
|        |            | W.C., Partition wall  | 1   | 3.75   | 1.50 | 1.00         | 5.625   |                |          |        |         |
|        |            | W.C., front wall  | 1   | 2.75   | 1.50 | 1.00         | 4.125   |                |          |        |         |
|        |            | 3rd step Long wall  | 2   | 13.375 | 1.00 | 1.00         | 26.750  |                |          |        |         |
|        |            | Short wall  | 2   | 6.50   | 1.00 | 1.00         | 13.000  |                |          |        |         |
|        |            | W.C., Partition wall  | 1   | 3.75   | 1.00 | 1.00         | 3.750   |                |          |        |         |
|        |            | W.C., front wall  | 1   | 3.25   | 1.00 | 1.00         | 3.250   |                |          |        |         |
|        |            | Ramp  | 2   | 10.00  | 1.00 | 0.75         | 15.000  |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | 222.625        |          |        |         |
|        |            |   |     |        |      | <b>6.304</b> | cum     | 2458.00        | 15495.18 |        |         |
| 4      |            | Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.  |     |        |      |              |         |                |          |        |         |
|        |            | M15 grade Nominal Mix   |     |        |      |              |         |                |          |        |         |
|        |            |   | 2   | 13.38  | 1.00 | 0.33         | 8.908   |                |          |        |         |
|        |            |   | 2   | 6.50   | 1.00 | 0.33         | 4.329   |                |          |        |         |
|        |            |   | 1   | 3.75   | 1.00 | 0.33         | 1.249   |                |          |        |         |
|        |            |   | 1   | 3.25   | 1.00 | 0.33         | 1.082   |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | 15.568         |          |        |         |
|        |            |   |     |        |      | <b>0.441</b> | cum     | 4003.75        | 1764.95  |        |         |
| 5      | B-17/5.2.2 | Brick masonry with F.P.S bricks of 1st Class Designation in superstructure above plinth level upto floor Vth level in all shapes and sizes in Cement mortar 1:6 ( 1 Cement :6 Coarse sand)  |     |        |      |              |         |                |          |        |         |
|        |            | W.C., front & back wall   | 2   | 4.63   | 0.75 | 8.00         | 55.500  |                |          |        |         |
|        |            | Pillars   | 6   | 0.75   | 0.75 | 6.00         | 20.250  |                |          |        |         |
|        |            | Deduction D   | -1  | 2.75   | 0.75 | 6.50         | -13.406 |                |          |        |         |
|        |            | ded for ventilator  | -1  | 2.00   | 0.75 | 1.50         | -2.250  |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | 60.094         |          |        |         |
|        |            |   |     |        |      | <b>1.703</b> | cum     | 4096.00        | 6976.87  |        |         |
| 6      | B-18/5.9.3 | Half brick msonary in superstructure above plinth level uoto floor V level using F P S bricks of designation 75 in cement mortar 1:6  |     |        |      |              |         |                |          |        |         |
|        |            | Outer walls   | 2   | 3.00   |      | 8.00         | 48.00   |                |          |        |         |
|        |            |   | 2   | 3.00   |      | 6.00         | 36.00   |                |          |        |         |
|        |            | Outer walls   | 1   | 5.83   |      | 6.00         | 35.00   |                |          |        |         |
|        |            | Outer walls   | 1   | 5.08   |      | 6.00         | 30.50   |                |          |        |         |
|        |            | Urinal walls  | 2   | 2.50   |      | 6.00         | 30.00   |                |          |        |         |
|        |            |   | 2   | 2.33   |      | 6.00         | 28.00   |                |          |        |         |
|        |            |   | 1   | 1.96   |      | 6.00         | 11.75   |                |          |        |         |
|        |            | <b>Total</b>  |     |        |      |              |         | 219.24         |          |        |         |
|        |            | <b>Net qty</b>  |     |        |      |              |         | <b>20.375</b>  | sqm      | 478.00 | 9739.47 |



| S. No. | BSR Ref                | Description  | No. | L     | B       | H/D   | Qty     | Unit     | Rate    | Amount  |  |
|--------|------------------------|--|-----|-------|---------|-------|---------|----------|---------|---------|--|
| 7      | B-35/9.5               | Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as require including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer. |     |       |         |       |         |          |         |         |  |
|        |                        |  | 1   |       |         |       | 60.0    |          |         |         |  |
|        |                        |  |     |       |         |       | 60      | kg       | 80.00   | 4800.00 |  |
| 8      | B-37 / 9.17.1 + 9.17.2 | Providing and fixing M.S. sheet 1mm thick single leaf door shutter in angle iron frame 35x35x5mm suitably diagonally braced with 25x3mm flat iron above and below lock rail of size 50x5mm beading extra including all fittings, as per direction of Engg. incharge but excluding cost of chowkhats: including two coats of anit-corrosive red oxide primer paint  |     |       |         |       |         |          |         |         |  |
|        |                        |  | 1   | 2.75  |         | 6.50  | 17.875  |          |         |         |  |
|        |                        |  | 1   | 2.75  |         | 6.00  | 16.500  |          |         |         |  |
|        |                        |  | 3   | 2.25  |         | 6.00  | 40.500  |          |         |         |  |
|        |                        |  |     |       |         |       | 74.875  |          |         |         |  |
|        |                        |  |     |       | 6.959   | sqm   | 2605.00 | 18127.27 |         |         |  |
| 9      | B-36/9.8.1             | Providing and fixing steel gate, grating, and grills made of angles, tees, square bars, flats, or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.   |     |       |         |       | 10.00   | kg       | 92.00   | 920.00  |  |
| 10     | B-62/12.38             | <b>Stone Kharanja: Random rubble dry stone kharanja under floor</b>  |     |       |         |       |         |          |         |         |  |
|        |                        | W.C.   | 1   | 3.50  | 3.00    | 0.50  | 5.250   | cuft     |         |         |  |
|        |                        | Urinal   | 3   | 2.33  | 2.50    | 0.50  | 8.738   | cuft     |         |         |  |
|        |                        |  | 1   | 7.74  | 4.25    | 0.50  | 16.448  | cuft     |         |         |  |
|        |                        |  | 1   | 3.5   | 3.00    | 0.50  | 5.250   | cuft     |         |         |  |
|        |                        |  |     |       |         |       | 35.685  | cuft     |         |         |  |
|        |                        | Total  |     |       |         | 1.010 | cum     | 807.00   | 815.46  |         |  |
| 11     |                        | M10 grade Nominal Mix<br>1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).  |     |       |         |       |         |          |         |         |  |
|        |                        | W.C.   | 1   | 3.50  | 3.00    | 0.17  | 1.750   | cuft     |         |         |  |
|        |                        | Urinal   | 3   | 2.33  | 2.50    | 0.17  | 2.913   | cuft     |         |         |  |
|        |                        |  | 1   | 7.74  | 4.25    | 0.17  | 5.483   | cuft     |         |         |  |
|        |                        |  | 1   | 3.5   | 3.00    | 0.17  | 1.750   | cuft     |         |         |  |
|        |                        |  |     |       |         |       | 11.895  | cuft     |         |         |  |
|        |                        | Total  |     |       |         | 0.337 | cum     | 3331.25  | 1122.05 |         |  |
| 12     | S-10/1.63              | Providing & Fixing 1st quality standard White, gray, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 and IS : 15622 of size 300mm x 200mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of tile complete (excluding the cost of cement plaster on walls and pillar)   |     |       |         |       |         |          |         |         |  |
|        |                        | W.C.   | 1   | 11.75 |         | 4.00  | 47.000  |          |         |         |  |
|        |                        | Urinal   | 3   | 7.33  |         | 4.00  | 87.960  |          |         |         |  |
|        |                        |  |     |       |         |       | 134.960 |          |         |         |  |
|        |                        |  |     |       |         |       | 12.543  | sqm      | 613.00  | 7688.71 |  |
| 13     |                        | Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).  |     |       |         |       |         |          |         |         |  |
|        |                        | Floor  | 1   | 3.50  | 3.00    |       | 10.500  | sqft     |         |         |  |
|        |                        | Door sill  | 1   | 2.75  | 0.75    |       | 2.063   | sqft     |         |         |  |
|        |                        | urinal floor   | 3   | 2.50  | 2.33    |       | 17.475  | sqft     |         |         |  |
|        |                        |  | 1   | 7.74  | 1.25    |       | 9.675   | sqft     |         |         |  |
|        |                        |  | 1   | 12.00 | 3.00    |       | 36.000  | sqft     |         |         |  |
|        |                        |  |     |       |         |       | 75.713  |          |         |         |  |
|        |                        |  |     |       |         |       | 7.036   | sqm,     | 680.00  | 4784.80 |  |
| 14     |                        | Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish :   |     |       |         |       |         |          |         |         |  |
|        |                        | <b>Plaster</b>   |     |       |         |       |         |          |         |         |  |
|        |                        | W.C.   | 1   | 12.00 |         | 6     | 72.000  |          |         |         |  |
|        |                        |  | 1   | 14.50 |         | 8     | 116.000 |          |         |         |  |
|        |                        |  | 1   | 3.00  |         | 6     | 18.000  |          |         |         |  |
|        |                        |  | 1   | 3.75  |         | 8     | 30.000  |          |         |         |  |
|        |                        |  | 1   | 3.75  |         | 6     | 22.500  |          |         |         |  |
|        |                        | urinal wall  | 4   | 2.50  |         | 6     | 60.000  |          |         |         |  |
|        |                        |  | 3   | 2.33  |         | 6     | 41.940  |          |         |         |  |
|        |                        |  | 1   | 3.88  |         | 6     | 23.280  |          |         |         |  |
|        |                        | door   | -1  | 2.75  |         | 6.5   | -17.875 |          |         |         |  |
|        |                        | vent   | -1  | 2.00  |         | 1.5   | -3.000  |          |         |         |  |
|        |                        |  |     |       | 362.845 |       |         |          |         |         |  |
|        |                        |  |     | (A)   | 33.722  | sqm   |         |          |         |         |  |

| S. No.   | BSR Ref      | Description   | No. | L     | B           | H/D   | Qty                  | Unit | Rate    | Amount          |
|--|--------------|---|-----|-------|-------------|-------|----------------------|------|---------|-----------------|
|  |              | <b>plaster</b>  |     |       |             |       |                      |      |         |                 |
|  |              | Long wall   | 2   | 13.17 |             | 8.00  | 210.656              |      |         |                 |
|  |              | Short wall  | 1   | 8.25  |             | 8.00  | 66.000               |      |         |                 |
|  |              |   | 1   | 5.25  |             | 8.00  | 42.000               |      |         |                 |
|  |              | Ramp  | 2   | 4.00  |             | 1.00  | 8.000                |      |         |                 |
|  |              | add for toilet height   | 1   | 17.50 |             | 2.00  | 35.000               |      |         |                 |
|  |              | deduction door  | 1   | 2.75  |             | -6.5  | -17.875              |      |         |                 |
|  |              | vent  | 1   | 2.00  |             | -1.5  | -3.000               |      |         |                 |
|  |              |   |     |       |             |       | <b>340.781</b>       |      |         |                 |
|  |              |   |     |       |             |       | Net qty (B)          |      |         |                 |
|  |              | <b>Total</b>  |     |       |             |       | <b>65.393</b>        | sqm  | 128.00  | 8370.27         |
| 15   |              | Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :<br>Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.  | 1   | 3.000 | 3.500       |       | 10.500               | sqft |         |                 |
|  |              |   | 1   | 2.500 | 0.750       |       | 1.875                | sqft |         |                 |
|  |              |   | 1   | 2.000 | 0.750       |       | 1.500                | sqft |         |                 |
|  |              |   |     |       |             |       | 13.875               | sqft |         |                 |
|  |              |   |     |       |             |       | <b>1.289</b>         | sqm  | 295.00  | 380.40          |
| 16   |              | Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. TMT Bar  |     |       |             |       | <b>20.000</b>        | kg   | 74.00   | 1480.00         |
| 17   | B-43/10.16   | Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers( if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, girders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc.<br>M20 grade Nominal Mix / Design Mix | 1   | 4.250 | 4.50        | 0.333 | <b>6.369</b>         | cuft |         |                 |
|  |              |   |     |       |             |       | 6.369                | cum  | 4112.00 | 742.28          |
|  |              |   |     |       |             |       | 0.181                | cum  |         |                 |
| 18   | B-43/10.17.1 | Grading roof for water proofing treatment with water proffing compound<br>Cement mortar 1:4 (1cement : 4 coarse sand)   | 1   | 4.250 | 4.50        | 0.083 | <b>1.594</b>         | cum  | 4426.25 | 199.75          |
|  |              |   |     |       |             |       | 0.045                | cum  |         |                 |
| 19   | B-61/12.35.1 | White washing three or more coats to give an even shade on new surfaces .   |     |       |             |       | 116                  | sqm  | 10.00   | 107.81          |
|  |              |   |     |       | Item No. 11 |       | <b>10.781</b>        | sqm  |         |                 |
| 20   | B-63/12.48.1 | PANTING ON DOORS & WINDOWS :- Painting with synthetic enamel paint of approved brand and manufacture in all shade to give an even shade new steel work (2 or more coat on new work).  |     |       |             |       | 2.25 x Qty.item No.8 | sqm  | 55.00   | 2212.03         |
|  |              |   |     |       |             |       | <b>40.219</b>        | sqm  |         |                 |
| 21   |              | Finishing wall with water proofing cement paint of approved brand and manufacture and or required shade to give an even shade including all scaffolding: New work (Two or more coats applied @ 3.84 kg/10 sqm).   |     |       |             |       | 54.612               | sqm  | 46.00   | 2512.06         |
|  |              |   |     |       | Item No. 11 |       | <b>54.610</b>        | sqm  |         |                 |
| 22   |              | LS provision for incinerator  |     |       |             |       |                      |      |         | 2000.00         |
| <b>Total</b>   |              |   |     |       |             |       |                      |      |         | <b>97334.54</b> |
| <b>PART-B (sanitary Work) Based on BSR PWD 2013, Jaipur Circle</b> |              |   |     |       |             |       |                      |      |         |                 |
| 1  | S-1/1.1.2    | P & F Indian type white glazed vitreous china 1st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor: Size530x410 mm   | 1   |       |             |       | 1                    | each | 1995.00 | 1995.00         |
| 2  | S-6/1.38.2   | P & F WVC wash basin (1st quality, I.S. : 2556 Mark) of approved make with C.I. brackets duly painted, 1 No. 15 mm C.P. Pillar cock (IS : 8934 Mark) & 32 mm C.P. brass waste coupling of approved make,25 mm G.I. waste pipe complete including cutting & making good the wall.: 450 x 300 mm  | 3   |       |             |       | 3                    | each | 1718.00 | 5154.00         |
| 3  | S-3/1.19.1   | P. & F Squatting Pan (Indian type) white glazed vitreous china 1st quality W.C. Pan (IS : 2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor (excluding the pair of foot rest.)<br>Size 450mm.  | 3   |       |             |       | 3                    | each | 891.00  | 2673.00         |

| S. No.   | BSR Ref          | Description  | No. | L | B | H/D | Qty  | Unit | Rate    | Amount           |
|--|------------------|--|-----|---|---|-----|------|------|---------|------------------|
| 4  | S-13/2.7.        | P & F Bib Cock (IS : 8931 Mark) superior quality of approved make.C.P. Brass 400 gm, 15 mm nominal bore.   |     |   |   |     | 1    | each | 259.00  | 259.00           |
| 5  | S-14/2.12.1      | P & F Inlet connection (Angle Valves) Superior quality of approved make C.P. Intel connection 15 mm brass (IS : 8931)  |     |   |   |     | 4    | each | 586.00  | 2344.00          |
| 6  | S-27/3.17.3      | P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia  |     |   |   |     | 4.24 | mtr  | 188.00  | 797.00           |
| 7  | S-27/3.17.3      | P&F rigid PVC Pipe (IS:4985 mark) class II/ (4 Kg. /Cm2.) approved quality /make including joining the pipe with solvent cement rubber ring and lubricant. 110 mm dia  |     |   |   |     | 1    | each | 188.00  | 188.00           |
| 8  | S-28/3.18.9      | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant: Bend 87.5 110mm dia  |     |   |   |     | 4    | each | 104.00  | 416.00           |
| 9  | S-28/3.18        | Pipe Clip 110 mm dia   |     |   |   |     | 4    | each | 25.00   | 100.00           |
| 10   | S-28/3.18.12(ii) | P&F rigid PVC pipe fittings (IS: 4985 mark) of approved quality /make including joining the pipe with solvent cement rubber ring and lubricant Vent Cowel 110 mm dia   |     |   |   |     | 1    | each | 39.00   | 39.00            |
| 11   | S-30/3.25.1      | Construction of Soakage well in all types of soil of approved drawing , top 90 cm portion in 450 mm thick with cement mortar 1:6 80 mm stone slab covering jointing of slab in CM 1 : 3, Ralthal, Kharanja, 40 mm thick M-15 grade C.C. flooring earthwork etc. complete as per approved drawing including disposal of surplus earth within a lead of 50 Mtr.inner dia 90 cm & 10 to 12 m deep                             |     |   |   |     | 1    | each | 3795.00 | 3795.00          |
| 12   | S-30/3.22.2      | Construction of Chamber in all types of soil with 300 mm thick masnory in CM. 1 : 6, 100 mm thick C.C. 1 : 5 : 10 in foundation , 20 mm thick inside plaster in Cm 1 : 6, finished with floating neat cement 50 mm thick M-15 grade C.C. flooring earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 Mtr. Inside size 450 x 450 mm depth upto 0.5 M & 5 Kg CI cover with frame. |     |   |   |     | 1    | each | 1683.00 | 1683.00          |
| 13   | S-14/2.11        | P & F Ball Cock (IS : 1703 Mark) with Rod & P.V.C. Ball complete.Brass wt. 400 gm, 15 mm   |     |   |   |     | 1    | each | 228.00  | 228.00           |
| 14   | S-15/2.15        | P & F Full way valve (IS : 778 Mark) or wheel valve of approved make. Gun metal 15 mm nominal bore.  |     |   |   |     | 1    | each | 277.00  | 277.00           |
| 15   | S-12/2.2.        | P&F GI Pipes (External Work) with GI fittings excluding union (SI: 1239 Mark) including trenching and refilling each etc. 15 mm dia nominal bore B Class   |     |   |   |     | 10   | mtr  | 168.00  | 1680.00          |
| 16   |                  | P & F G.I. pipes (Internal Work) with G.I. Fittings excluding union (IS:1239 Mark) & MS clamps including cutting and making good the walls and floors:<br>25mm dia nominal bore 25 mm dia nominal bore B class   |     |   |   |     | 5    | mtr  | 277.00  | 1385.00          |
| 17   | S-18/2.26.3      | P & F Precast R.C.C. Water Storage Tank with R.C.C. cover 25mm thick and 15 Cm. Long G.I. over-flow pipe including making connections etc. & hoisting upto 1M. ht. From ground level having:340ltr capacity size 90x75x60 cm   |     |   |   |     | 1    | each | 720.00  | 720.00           |
| <b>Sub Total Part B</b>  |                  |  |     |   |   |     |      |      |         | <b>23733.00</b>  |
| <b>Total (A+B)</b>   |                  |  |     |   |   |     |      |      |         | <b>121067.54</b> |
| <b>Add for QC &amp; Contingency 3%)</b>                                    |                  |  |     |   |   |     |      |      |         | <b>3632.03</b>   |
| <b>say Rs</b>  |                  |  |     |   |   |     |      |      |         | <b>124699.56</b> |
| <b>Add provision for water soures/running water for toilet block (L.S)</b> |                  |  |     |   |   |     |      |      |         | <b>20000.00</b>  |
| <b>Add for Prorata /supervision charges@ 5%</b>                            |                  |  |     |   |   |     |      |      |         | <b>145000.00</b> |
| <b>Add for Prorata /supervision charges@ 5%</b>                            |                  |  |     |   |   |     |      |      |         | <b>7250.00</b>   |
| <b>Add for Operation&amp; Maintainence@Rs5000 per year for 3years</b>      |                  |  |     |   |   |     |      |      |         | <b>152250.00</b> |
| <b>15000.00</b>  |                  |  |     |   |   |     |      |      |         | <b>167250.00</b> |

**Say Rs 1.67 Lac only**