

# MUNICIPAL CORPORATION OF BHILAI

DETAILED ESTIMATE

N. 1.7

कार्य का नाम :- वार्ड-50 प्राथमिक/माध्यमिक शाला एवं सच्यतर माध्यम विद्यालय के शौचालय का संधारण कार्य।

(As Per PWD Building SOR & Electric SOR 15.04.2026)

| S.N. | PARTICULARS OF ITEMS                                                                                                                                                                                                                                                                                                                             | No | L    | B    | H/D      | Quantity | UOM  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|----------|----------|------|
| 1    | Excavation for all types and sizes of foundations, trenches and drains ..... Extra rate for quantity of work executed in or under water and/ or liquid mud including pumping out water. (185+51= 236)                                                                                                                                            |    |      |      |          |          |      |
|      |                                                                                                                                                                                                                                                                                                                                                  | 1  | 3.00 | 3.00 | 1.80     | 16.20    |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 16.20    | Cum  |
| 2    | Demolishing brick masonry including arches, stacking of serviceable material disposal of unserviceable material within                                                                                                                                                                                                                           |    |      |      |          |          |      |
|      | 50 metres lead.                                                                                                                                                                                                                                                                                                                                  | 10 | 2.10 | 1.20 | 0.20     | 5.04     |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 5.04     | Cum  |
| 3    | Demolishing R.C.C. work including stacking of steel bars and disposal of unserviceable material within                                                                                                                                                                                                                                           |    |      |      |          |          |      |
|      | 50 metre lead.                                                                                                                                                                                                                                                                                                                                   | 1  | 3.00 | 3.00 | 0.15     | 1.35     |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 1.35     | Cum  |
| 4    | Brick work with modular fly-ash lime bricks (FaLG Bricks) confirming to IS:12894-2002 of class designation 4.0 in foundation and plinth in: Cement Mortar 1:6 (1 cement : 6 coarse sand)                                                                                                                                                         |    |      |      |          |          |      |
|      |                                                                                                                                                                                                                                                                                                                                                  | 4  | 5.00 | 0.20 | 0.20     | 0.80     |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 0.80     | Cum  |
| 5    | Providing and constructing brick masonry road gully chamber 50x45x60 cm with well burnt modular clay bricks crushing strength not less than 35kg/cm <sup>2</sup> in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm precast R.C.C. horizontal grating with frame complete as per standard design.                              |    |      |      |          |          |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      | 4.00 |          | 4.00     |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 4.00     | Each |
| 6    | Providing and laying nominal mix reinforced cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. (Note :Excess/ less cement used as per design mix is payable/ recoverable separately) 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). |    |      |      |          |          |      |
|      |                                                                                                                                                                                                                                                                                                                                                  | 1  | 3.00 | 3.00 | 0.10     | 0.90     |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 0.90     | Cum  |
| 7    | Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire all complete:Thermo-Mechanically treated bars                                                                                                                    |    |      |      |          |          |      |
|      | Qty. Of RCC 100.00Kg                                                                                                                                                                                                                                                                                                                             |    |      |      |          | 90.00    |      |
|      |                                                                                                                                                                                                                                                                                                                                                  |    |      |      | G. Total | 90.00    | Kg   |



| PARTICULARS OF ITEMS |                                                                                                                                                                                                                                                                                                                                                              | No | L    | B    | H/D         | Quantity | UOM |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|-------------|----------|-----|
|                      | Providing and filling in plinth with sand/Crusher dust and hard masonry under floor, including ----- cost of all labour, materials, T & P etc. complete required for the work.                                                                                                                                                                               | 1  | 8.00 | 4.50 | 0.40        | 14.40    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | G.Total     | 14.40    | Cum |
| 9                    | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for:                                                                                                                                                                                              |    |      |      |             |          |     |
|                      | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ)                                                                                                                                                                                                                                                              |    |      |      |             |          |     |
|                      | For Septic Tank                                                                                                                                                                                                                                                                                                                                              | 1  | 3.00 | 3.00 |             | 9.00     |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | G.Total     | 9.00     | sqm |
| 10                   | Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                                                                         |    |      |      |             |          |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 2  | 8.00 |      | 3.20        | 51.20    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 2  | 4.50 |      | 3.20        | 28.80    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 5  | 4.10 |      | 3.10        | 63.55    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 8  | 1.10 |      | 3.10        | 27.28    |     |
|                      | For Septic Tank                                                                                                                                                                                                                                                                                                                                              | 2  | 5.00 |      | 1.50        | 15.00    |     |
|                      | For Septic Tank                                                                                                                                                                                                                                                                                                                                              | 4  | 2.40 |      | 1.50        | 14.40    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | Total (A)   | 200.23   |     |
|                      | Deduction Door                                                                                                                                                                                                                                                                                                                                               | 22 | 0.90 |      | 2.10        | 41.58    |     |
|                      | Door                                                                                                                                                                                                                                                                                                                                                         | 2  | 1.10 |      | 2.10        | 4.62     |     |
|                      | Ventilation                                                                                                                                                                                                                                                                                                                                                  | 22 | 0.45 |      | 0.45        | 4.46     |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | Total (B)   | 50.66    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | Total (A-B) | 149.58   | sqm |
| 11                   | Providing and making 15mm thick cement plaster on the rough side of single or half brick wall of mix: In Cement Mortar 1:5 (1 cement : 5 fine sand)                                                                                                                                                                                                          |    |      |      |             |          |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 2  | 7.60 |      | 3.10        | 47.12    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 8  | 1.10 |      | 3.10        | 27.28    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | G.Total     | 74.40    | sqm |
| 12                   | Providing and making 6mm thick cement plaster of mix: In Cement mortar 1:3 (1 cement : 3 fine sand)                                                                                                                                                                                                                                                          |    |      |      |             |          |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 1  | 8.00 |      | 4.50        | 36.00    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | G.Total     | 36.00    | sqm |
| 13                   | Providing and laying ceramic glazed floor tiles conforming to IS : 15622 of approved size, make, colour, shade laid on 20 mm thick Cement Mortar 1:4 (1 cement : 4 coarse sand) including pointing the joints with white cement mixed with matching pigment etc., complete. Size 300x300mm                                                                   |    |      |      |             |          |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              | 4  | 3.00 | 4.00 |             | 48.00    |     |
|                      |                                                                                                                                                                                                                                                                                                                                                              |    |      |      | G. Total    | 48.00    | Sqm |
| 14                   | Providing and fixing ceramic glazed wall tiles conforming to IS : 15622 of approved make, colours, shades and size on wall 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 matching pigment complete. Size above 200x300mm |    |      |      |             |          |     |



| PARTICULARS OF ITEMS |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | No | L    | H    | H/D     | Quantity | UOM          |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|----|------|------|---------|----------|--------------|
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | 1  | 6.00 |      | 3.00    | 18.00    |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | 1  | 7.00 |      | 3.00    | 21.00    |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | G.Total | 39.00    | Sqm          |
| 15                   | Providing and laying DOUBLE/MULTI CHARGE (minimum 2.0 mm thick layer) VITRIFIED floor tiles with water absorption less than 0.05% and conforming to IS:15622-2017 of 1st quality of approved make in all colours and shades and size mentioned below (+/- 10mm) laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigments etc. complete.                                                                                                                                                                                   |  |  |    |      |      |         |          |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  | 3  | 4.00 | 5.00 |         | 60.00    |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | G.Total | 60.00    | sqm          |
| 16                   | Providing and fixing steel door/ window with M.S. sheet 1mm thick, frame of angle iron, diagonal braces of angle/ flat iron of suitable size, 3.00 mm M.S. gusset plates at junctions and corners, all necessary fittings complete including applying a priming coat of red oxide zinc chromate primer.                                                                                                                                                                                                                                                                                               |  |  |    |      |      |         |          |              |
|                      | Door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  | 2  | 1.10 |      | 2.10    | 4.62     |              |
|                      | Door                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  | 6  | 0.90 |      | 2.10    | 11.34    |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | Total   | 15.96    | Sqm          |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | G.Total | 399.00   | Kg           |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      |         |          | @25.00kg/Sqm |
| 17                   | Providing and fixing M.S. grill of approved pattern made of M.S. flats or square or round bars welded to steel frame of windows etc. including applying a priming coat welded to frame with all necessary fitting complete including applying a priming of red oxide zinc chromate primer.                                                                                                                                                                                                                                                                                                            |  |  |    |      |      |         |          |              |
|                      | Ventilation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |  | 8  | 0.45 |      | 0.45    | 1.62     |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | Total   | 1.62     | Sqm          |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | G.Total | 48.60    | Kg           |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      |         |          | @30.00kg/Sqm |
| 18                   | Providing and applying Synthatic oil bound washable Distemper having VOC content less than 50gms/ lit. Minimum two coats up to final finish to give an even shade applied 1.25 kg / 10Sqm as per relevant I.S. Code 428:2000 (product such as Asian Tractor synthatic distemper , Berger Bison Lite , Dulux Magik , Birla Opus Style super smart) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools' tackles and labour etc. complete for the work.                                                                   |  |  |    |      |      |         |          |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      |         | 185.58   |              |
|                      | As Per Qty. of 6mm + 12 mm Plaster                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |  |    |      |      |         |          |              |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |    |      |      | G.Total | 185.58   | sqm          |
| 19                   | Providing and applying Premium plastic emulsion paint with roller application minimum three coats applied @ 0.75 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -1 Class D & C ( Glossy and Semi Glossy Finish) of required shade. (Product such as Asian Apcolite Premium , Dulux Super Cover, Berger Easy Clean , Nippon Breezee Metex Gold, Opus I-50 / Calista) inclusive of providing abro tape on edges and article and cleaning of door, windows, floor and surface as required with all tools' tackles and labour etc. complete for the work.(with 3 year Warranty) |  |  |    |      |      |         |          |              |

| PARTICULARS OF ITEMS                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | No | L    | II | III  | Quantity   | COM    |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|----|------|------------|--------|
| As Per Qty. of 6 mm + 12 mm Thick Plaster |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | 185.58     |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | (G. Total) | 185.58 |
| 20                                        | Providing and applying on exterior surface with PREMIUM Exterior emulsion paint of required shade to give protective and water proof finish minimum 3 coats applied @ 1.40 lit / 10Sqm up to final finish as per relevant I.S. Code 15489:2013 Type -2 Class D, C (Glossy /Semi Glossy finish ) (Product such as Asian Apex , Dulux Weather Shield Prima E900 , Berger Weathercoat Antidust , Nerolac Everlas Excel , Nippon Sumo Etra, Opus True flex) inclusive of providing abra tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.) |    |      |    |      |            |        |
| As Per Qty. of 15 mm Plaster              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | 74.40      |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | G.Total    | 74.40  |
| 21                                        | Providing and applying satin/ matt finish Enamel paint minimum 2 coats in all surface applying @ 0.75 lit/ 10 Sqm up to required finish as per relevent I.S. code 2932: 2013 of (Product such as Asian satin Enamel, Dulux Promise Premium Enamel, Nerolac Synthatic Enamel, Opus Prime enamel) inclusive of providing abra tape on edges and article and cleaning of door, windows, floor and surface as required with all tools tackle and labour etc. complete for the work.                                                                                                                                                                                |    |      |    |      |            |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4  | 1.10 |    | 2.10 | 9.24       |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8  | 0.90 |    | 2.10 | 15.12      |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 6  | 0.45 |    | 0.45 | 1.22       |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | G. Total   | 25.58  |
| 22                                        | Providing and replacing broken vitreous china water closet squatting pan (Indian type) including removing the broken squatting pan and mortar, cutting and making good the walls and floors wherever required: White Long pattern W.C. pan of size 580 mm                                                                                                                                                                                                                                                                                                                                                                                                      |    |      |    |      |            |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4  |      |    |      | 4.00       |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | G. Total   | 4.00   |
| 23                                        | Providing and fixing vitreous china water closet (European type W.C. pan) with white ISI marked plastic seat and lid, 10 litre low level white P.V.C. flushing cistern (same colour), conforming to IS : 7231, with all fittings and fixtures complete including cutting and making good the walls and floors wherever required                                                                                                                                                                                                                                                                                                                                |    |      |    |      |            |        |
| White pedestal type                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  |      |    |      | 2.00       |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | G. Total   | 2.00   |
| 24                                        | Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |    |      |            |        |
| White Size 550x450 mm                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3  |      |    |      | 3.00       |        |
|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |    |      | G. Total   | 3.00   |



| PARTICULARS OF ITEMS |                                                                                                                                                                                                                                                                                                                                                                                                                                                | No | L    | B    | H/D      | Quantity | UOM  |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------|------|----------|----------|------|
|                      | Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2536, and other couplings in C.P. brass complete:                                                                                                                                                                                                                                                                                                        |    |      |      |          |          |      |
|                      | Flat back half stall urinal of size 460x380x230mm                                                                                                                                                                                                                                                                                                                                                                                              |    |      | 3    |          | 3.00     |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 3.00     | Each |
| 26                   | Providing and fixing white vitreous china urinal basin with waste fitting as per IS : 2536, and other couplings in C.P. brass complete:                                                                                                                                                                                                                                                                                                        |    |      |      |          |          |      |
|                      | Flat back half stall urinal of size 460x380x230mm                                                                                                                                                                                                                                                                                                                                                                                              |    |      | 2    |          | 2.00     |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 2.00     | Each |
| 27                   | Cement concrete flooring with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm) finished with a floating coat of neat cement.                                                                                                                                                                                                                                                                                   |    |      |      |          |          |      |
|                      | 50 mm thick                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2  | 4.00 | 5.00 |          | 40.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 40.00    | Sqm  |
| 28                   | Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats including S.W. drain pipe 100 mm diameter and 1.20 m long complete as per standard design.                                                                                                                                                                                                                                                                           |    |      |      |          |          |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  |      |      |          | 2        |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 2        | Each |
| 29                   | 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 150mm thick as per standard design: 100 mm diameter S.W. pipe                                                                                                                                                                                                                |    |      |      |          |          |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  | 3.00 |      |          | 6.00     |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 6.00     | m    |
| 30                   | Providing and fixing on wall face or under floor UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (4kg/sqcm) including required couplers, jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion etc complete.                                                                                                                              |    |      |      |          |          |      |
|                      | 110 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2  | 5.00 |      |          | 10.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 10.00    | M    |
|                      | 150 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2  | 5.00 |      |          | 10.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 10.00    | M    |
|                      | 75 mm dia                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2  | 5.00 |      |          | 10.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 10.00    | M    |
| 31                   | Towel rail (600mm long x 20mm dia)                                                                                                                                                                                                                                                                                                                                                                                                             |    |      |      |          |          |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2  | 2.00 |      |          | 4        |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 4        | Each |
| 32                   | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & 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. |    |      |      |          |          |      |
|                      | 15 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                | 4  | 5.00 |      |          | 20.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 20.00    | m    |
|                      | 25 mm nominal outer dia .Pipes.                                                                                                                                                                                                                                                                                                                                                                                                                | 4  | 5.00 |      |          | 20.00    |      |
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                |    |      |      | G. Total | 20.00    | m    |

| PARTICULARS OF ITEMS |                                                                                                                                                                                                                                                                          |   |     |          | Quantity | UOM | Rate       |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----|----------|----------|-----|------------|
| No                   | L                                                                                                                                                                                                                                                                        | B | H/D |          |          |     |            |
|                      | Providing and placing on terrace (at all floor levels) polyethylene water storage tank ISI : 12701 marked with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank |   |     |          |          |     |            |
| 2                    | 750.00                                                                                                                                                                                                                                                                   |   |     |          | 1500.00  |     |            |
|                      |                                                                                                                                                                                                                                                                          |   |     | G. Total | 1500.00  | Ltr | 6.00       |
| 34                   | Providing and fixing 15 mm nominal bore Brass bib/stop cock of approved quality:<br>Bib cock (250 grams)                                                                                                                                                                 |   |     |          |          |     |            |
| 1                    | 20                                                                                                                                                                                                                                                                       |   |     |          | 20       |     |            |
|                      |                                                                                                                                                                                                                                                                          |   |     | G. Total | 20       | No  | 164.00     |
|                      |                                                                                                                                                                                                                                                                          |   |     |          |          |     | Amount Rs. |

  
 Executive Engineer  
 Municipal Corporation  
 Bhilai

  
 Assistant Engineer  
 Municipal Corporation  
 Bhilai

  
 Sub Engineer  
 Municipal Corporation  
 Bhilai