# NAGAR PALIK NIGAM BHILAI

## NIT

## वार्ड क्रं. 27 राधा कृष्णा मंदिर के पास सार्वजनिक सामुदायिक भवन निर्माण कार्य।

**AS PER PWD BUILDING S.O.R 10.06.2026 & Elec. 10.06.2026**

| SN | PARTICULAR | QTY | UNIT |
|---|---|---|---|
| 1 | Excavation for all types and sizes of foundations, trenches and drains or for .....upto 50m (at least 5m away from the excavated area), including dressing and leveling of pits.In all types of soil | | |
| | | 24.78 | cum |
| 2 | Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in foundation, plinth and at ground level excluding cost of form work. 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). | | |
| | | 10.70 | cum |
| 3 | 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. 1:1½:3 (1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). | | |
| | | 16.33 | cum |
| 4 | 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 in foundation and plinth all complete: Thermo-Mechanically treated bars FE 415 | | |
| | | 1633.00 | kg |
| 5 | Providing and fixing formwork including centering, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: | | |
| 5.a | Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. | | |
| | | 31.20 | sqm |
| 5.b | Columns, Pillars, Piers and likes- rectangular or square in shape | | |
| | | 54.00 | sqm |
| 5.c | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | | |
| | | 125.40 | sqm |
| 5.d | Beams, lintels, cantilevers & walls | | |
| | | 39.00 | sqm |
| 6 | 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) | | |
| | | 4.68 | cum |
| 7 | super structure 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)+Extra for brick work in superstructure above plinth level for every floor or part thereof in addition to rate for foundation and plinth: | | |
| | | 16.64 | cum |
| 8 | Providing and filling in plinth with sand/ Crusher dust and hard moorum under floor in layers not exceeding 20cm in depth consolidating each deposited layer by ramming and watering, including dressing etc. complete. | | |
| | | 31.50 | cum |
| 9 | Providing and laying damp proof course (upto 50mm thick) with plain cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal size) including formwork | | |
| | | 0.48 | sqm |
| 10 | Providing and fixing sliding shutter with M.S. sheet 1mm thick, frame and diagonal braces of 40x40x6mm angle iron, 3.0 mm thick M.S. gusset plates at junctions and corners, 25mm dia pulley, 40x40x6mm angle and T-iron guide at top and bottom respectively including applying a priming coat of red oxide zinc chromate primer. | | |
| | | 127.20 | kg |

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| 11 | 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 of red oxide zinc chromate primer.. | | |
| | | 38.40 | kg |
| 12 | Providing and making 6 mm thick cement plaster of mix: In Cement Mortar 1:4 (1 cement : 4 fine sand) | | |
| | | 74.70 | sqm |
| 13 | Providing and making 12mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | | |
| | | 120.60 | sqm |
| 14 | Providing and making 15mm thick cement plaster of mix: In Cement Mortar 1:6 (1 cement : 6 fine sand) | | |
| | | 152.76 | 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 (1cement: 4 coarse sand) including grouting the joints with withe cement and matching pigments etc. complete.Size 600x600mm thickness 9 to 10mm | | |
| | | 60.40 | sqm |
| 16 | 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. | | |
| | qty of no 12+13 | 195.30 | sqm |
| 17 | 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 abro tape on edges and articleand cleaning of door, windows, floor and surface as required with all tools tackles and labour etc. complete for the work.(With 3Year Warranty.) | | |
| | qty of no 14 | 152.76 | sqm |
| 18 | Providing and applying Glossy finish Enamel paint mimimum 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 Apcolite Premium Enamel , Dulux Promise Premium Enamel , Nerolac Synthatic Enamel, Opus Prime enamel ) inclusive of providing abro 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. | | |
| | | 23.04 | sqm |
| | ADD EXTRA 3 % FOR ELECTRIFICATION | | |
| | ADD EXTRA 3 % FOR SANITORY | | |

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| **ASSTT.ENGINEER** | **SUB ENGINEER** |
| **Nagar Palik Nigam, Bhilai** | **Nagar Palik Nigam, Bhilai** |