

NIT
NAGAR PALIK NIGAM, DURG

NAME OF WORK -CONSTRUCTION OF PUBLIC URINALS, 22 Units AT WARDto.....

NIT for 1 unit Public Urinal (4 Seater)

PWD Building S.O.R. wef 01/01/2015

| s.no. | subject | umo | quty. |
|-------|---|-----|-------|
| 1 | Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff upto 1,5 m lift and lead upto 50m (at least i 5m away from the excavated area), includinn dressing and leveling of In all types of soil For below plinth beam | cum | 2.81 |
| 2 | Providing and filling in plinth with sand/ Crusher dust and hard roorum under floor in layers not exceeding 20cm in depth consolidating oach deposited layer by ramming and watering, including dressing etc, complete. For plinth | cum | 0.67 |
| 3 | Providing and laying nominal mix :cement concrete with cushed -stone aggregate using concrete ;mixer in foundation, plinth and at ground level excluding cost of form work.11:3.6 (1 cement: 3 coarse sand : 6 igraded stone aggregate ^Omm nominal size).FOR PLINTH AREA wallsfloor | cum | 0.9 |
| 4 | Brick work with modular fly-ash lime •bricks (FALG Bricks) confirming to iS:12894-2002 of class designation 33 in foundation and plinth in:Cement MortaM;6 (1 cement ; 6 coarse sand)Tor Wall Foundation | cum | 2.59 |
| 5 | Providing and laying damp proof 'course (uplo 50mm thick) with plain 11 cement concrete V,2;4 (1 cement: 2 coarse sand : 4 graded crushed stone aggregate 20mm nominal 'size) including form work | cum | 0.2 |
| 6 | Providing and fixing formwork jncluding centering, shuttering, 1 strutting, staging, propping bracing ;etc. complete and including its l removal at all levels, for:fSuspended floors, roofs, access jplatform, balconies (plain suifaces) land shelves (cast in situ) For Slabbasin flatform | sqm | 4.8 |

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| 7 | Providing and laying nominal mix 'reinforcement cement concrete with •crushed stone aggregate using concrete mixer in all works upto 'floor five level excluding co: of l reinforcement and form work": 1 ' /T3 (Tcement; VA coors sand j; 3 graded stone aggregate 20mm _!nominal size). For slabibasin flatform | cum | 0.48 |
| 8 | Providing and placing in position ireinforcement for R.C.C. work i including straightening, cutting, lbending, binding etc. complete as l 'per drawings including cost oftnermo-Mechanicaily treated bars | kg | 48 |
| 9 | Grick work with modular fly-ash lime ioncKs \ -AL<3 BnoKo) conl.rming to hs, 12394-2002 of class designation ; 135 in foundation and plinth in:CsmenTMortarTle (1 cement ; 6 ; iccarse sand)For Super StructureLong wall short wall basin wall Deductionsfor ventilator | cum | 4.8 |
| 10 | Extra for brick work in : superstructure above plinth level for ; every floor or part thereof In i addition to rate for foundation and iolinth: | cum | 4.8 |
| 11 | Providing and fixing steel door/ iwirdow with M.S. sheet 1mm thick, frame of angle iron, diagonal jbraces of angle/ flat iron of suitable lsize. 3.00 mm M.S. gusset plates at 'junctions and corners, all necessary ifittings complete including applying a priming coat of red oxide zinc lchromate primer. For Doors. Weight @25 kg/m2 | kg | 78.75 |
| 12 | Prnviding and fixing M.S. ghll of approved pattern made of M.S. flats ior square or round bars welded to l steel frame of windows etc. iincluding applying a priming coat of jred oxide zinc chromate primer..For Ventilators. weight @20 Kg/m2 | kg | 9.6 |
| 13 | 6mm thick cement plaster of mix: In Cement mortar 1:4 (1 cement: 4 ifine sand) For Slab /for toilet | sqm | 2 |
| 14 | 12 mm thick cement plaster d mix: In Cement Mortar 1:6 (1 cement: 6 ifine sand) at inside wall For toilet wall basin wall. deduction for Ventilator.door | sqm | 25.74 |

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| 15 | 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). For external wall. slab side. basin wall | sqm | 34.6 |
| 16 | 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 Modar 13 (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 200x300mm. For walls. urinal boys. Ladies toilet inside | sqm | 16.44 |
| 17 | Providing and fixing 15mm thick Granite (machine cut, table rubbed & mirror polished on both sides) for partition curtain in toilets or similar locations of required size in wall with cement mortar 1:4 (1 cement: 4 coarse sand) including cutting & purchase in wall and joint with wall & treated with white cement mixed with matching pigment including rubbing and polishing to edge & moulding to give high class finish. Granite stone black . for urinal partition boys | sqm | 0.6 |
| 18 | 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. for floor size 300x300 | sqm | 4 |
| 19 | Distemping with acrylic washable distemper to give an even shade. On new work (two or more coats) For Internal Plaster. deduct | sqm | 13.27 |
| 20 | Finishing walls with water proofing cement paint of required shade to give an even shade. on new work (Two or more coats) | sqm | 49.07 |
| 21 | Painting on new work (two or more coats) to give an even shade with: Premium synthetic enamel paint. For Door shutters | sqm | 5.88 |
| 22 | Providing and constructing soak pit 1.20x1.20x1.20m filled with brickbats | each | 1 |

