

OFFICE OF THE NAGAR NIGAM BHILAI ZONE NO-05.

NIT

ESTIMATE NAME : - REPAIR WORK AT LIVELIHOOD COLLEGE.(SEPTIC TANK AND ALUMINIUM
AT WARD No.-55 SECTOR-6 A MARKET.


ESTIMATE HAS BEEN PREPARED AS PER SOR PWD (B&R) W.E.F. 01/01/2015

| S.No. | ITEM | QTY | PER |
|-------|--|---------|------|
| 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 5m away from the excavated area), including dressing and leveling of pits. AS PER ITEM No. 1.1.1 | 29.2096 | cum |
| 2 | 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. | 0.84638 | cum |
| 3 | Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works upto plinth level excluding cost of form work. AS PER ITEM No. 3.1.2 1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40mm nominal size). | 0.84638 | CUM |
| 4 | 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. | 10.1145 | cum |
| 5 | 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: Cold twisted ber/ Hot rolled deformed steel | 708.015 | kg |
| 6 | Providing and fixing form work including centring, shuttering, strutting, staging, propping bracing etc. complete and including its removal at all levels, for: Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size | 59.78 | SQM |
| 7 | Suspended floors, roofs, access platform, balconies (plain surfaces) and shelves (cast in situ) | 5.6425 | sqm |
| 8 | 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: | 50 | sqm |
| 9 | 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. | 4 | EACH |
| 10 | Providing and fixing aluminium work for doors, windows, ventilators and partitions made out of extruded aluminium standard sections (main section with minimum 1.5mm thickness) conforming to IS: 733, IS: 1285 mitred and jointed mechanically including aluminium cleats, neoprene weather stripping gasket beveled edge beading, screws duly fixed in wall/ floor with fixing clips or hold fasteners or bolts and nuts as required aluminium sections shall be anodized transparent or dyed to approved shade according to IS: 1868, minimum anodic coating shall be of grade AC-15. (Glazing to be paid for separately: | 365.25 | KG |

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| 11 | Providing and fixing 12mm thick pre-laminated particle board flat pressed with decorative lamination and balancing lamination on specified sides exterior Grade - I MDF Board 12 mm thick confirming to IS:14587, including fixed in aluminium doors, windows shutters and partition frames with C.P. brass/ stainless steel screws etc. complete. With decorative lamination on one side and balancing lamination on other side. | 32.38 | SQM |
| 12 | Providing and fixing of six/seven levers branded and approved mortise lock. (Ch.-9.55) | 4 | EACH |
| 13 | Providing and fixing powder coated aluminium tower bolts (Barrel type) with necessary M.S. screws etc complete. | 4 | EACH |
| 14 | Providing and fixing powder coated aluminium door handles 2.5mm thick with necessary M.S. screws etc complete. | 8 | EACH |
| 15 | Providing and fixing stainless steel butt hinges IS : 12817 marked with necessary stainless steel screws etc complete. | 12 | EACH |

**EXECUTIVE ENGINEER
MUNICIPAL CORPORATION,
BHILAI**


**ASSISTENT ENGINEER
MUNICIPAL CORPORATION,
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**SUB ENGINEER
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