

| Schedule of Quantities - Renovation work for LC-1 and LC-2 Quarter at St. Stephen's College, Delhi. | | | | | |
|---|---|------|------|------|--------|
| S. No. | Description | Qty. | Unit | Rate | Amount |
| Note: | Demolition shall not be done by mechanical means. | | | | |
| 1.01 | Demolishing roof water proofing treatment including china mosaic, brick tiles, mud phuska and removing tar felt / bitumen paint using hand grinders / mechanical means to get neat roof surface. Dismantled serviceable materials shall be stacked separately and unserviceable material shall be disposed off to Municipal dumping ground by mechanical means. | 148 | Sqm | | |
| 1.02 | Dismantling of cement plaster of any thickness from wall including raking out joints and disposal of unserviceable material within the site as directed by site Engineer/Architect. | 12 | Sqm | | |
| 1.03 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanicals means, including loading, transporting, unloading to approved Municipal dumping ground including all leads and lifts. (Demolished quantity only shall be measured). | 15 | Cum | | |
| 1.04 | Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs balconies, terraces, etc. consisting of following operations. (To be got done by approved specialised agency). | | | | |
| a | Applying and grouting a slurry coat of neat cement using 2.75 Kg/sq.m of cement admixed with proprietary water proofing compound conforming to IS 2645 over the RCC slab including cleaning the surfaces before treatment. | | | | |
| b | Laying cement concrete using broken bricks/brick bats 25 mm to 100 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound conforming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 (1 cement : 5 coarse sand) admixed with proprietary water proofing compound conforming to IS : 2645 to required slope and treating similarly the adjoining walls up to 300 mm height including rounding off junctions of walls and slabs. | | | | |
| c | After two days of proper curing applying a second coat of cement slurry admixed with proprietary water proofing compound conforming to IS : 2645. | | | | |
| d | Finishing the surface with 20 mm thick joint less cement mortar of mix 1:4 (1 cement : 4 coarse sand) admixed with proprietary water proofing compound conforming to IS : 2645 and finally finished the surface and making of 300 x 300 mm squares. | | | | |

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| e | The whole surface so finished shall be flooded with water for a minimum period of two weeks for curing and for final test. All above operations to be done in order and as directed and specified by the Architect. | | | | |
| | With average thickness of 120 mm and minimum thickness at khurra 65 mm. (cement consumption shall be 0.45 bag/sq.m) | 148 | Sqm | | |
| 1.05 | Providing and fixing china mosaic with 5 mm thick broken glazed tiles (white colour only) of uniform thickness on top of brick coba water proofing laid in cement mortar 1:3 (1 cement : 3 coarse sand). The tiles shall be broken in triangular shape of not more than 1” size with gap between tiles not more than 10 mm. The gaps shall be finished smooth with neat cement and 6mmx6mm grooves finished with neat cement and grouted with epoxy. (Commercial tiles shall not be used) for pattern of grooves refer drawing. | 148 | Sqm | | |
| 1.06 | Providing and laying 15/18 mm thick cement plaster of mix 1 : 6 (1 cement : 6 fine sand) on brick work. | 12 | Sqm | | |
| 1.07 | Finishing walls with Acrylic smooth exterior paint of required shade: New work. (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm). | 12 | Sqm | | |
| 1.08 | Providing and fixing spiral staircase made of 200mm dia M.S. pipe 6mm thick, steps made out of angles, flats, square bars etc. and railing made out of 20 mm dia G.I. pipe complete with a coat of zinc chromate steel primer including with two or more coats of synthetic enamel paint. | | | | |
| a | M.S. items | 4000 | Kg | | |
| b | G. I. pipe | 200 | Kg | | |
| 1.09 | Finishing walls with water proofing cement paint (Snowcem) of required shade new work (two or more coats applied @ 3.84 kg/10 sqm.) | 12 | Sqm | | |
| | Total | | | | |