

Annexure - A

| CIVIL WORK BILL OF QUANTITY_ INTERNAL PLUMBING_ FOR YUVA CENTRE AT NAVI MUMBAI | | | |
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| 1. Structural Repair Work:- | | | |
| Sr. no. | Description of items | Qty | Unit |
| A | Applying rust remover to the exposed steel surface including carefully removing cracked & loose concrete around the reinforcement. Providing applying polymer cementation corrossions inhibitor coating to cleaned steel surface to prevent the further corrossion of steel. Providing & applying polymer modified cement Readymade mortar of polymer cement & aggregate in proportion, etc. complete For ceiling, beam, column, tank with necessary propping, scaffolding etc. complete. Up to 25 mm thickness. | 1500 | Sqft |
| i | Providing Extra cover for thickness more than 25mm | 120 | Sqft |
| ii | Internal plastering work for staircase , passage area . | 1000 | Sqft |
| iii | Providing and fixing steel reinforcement wherever necessary | 100 | kg |
| B | Providing wall for Lift machine room duct with plastering & paint finish | 20 | Sqft |
| 2 External Plastering work: - | | | |
| Sr. no. | Description of items | Qty | Unit |
| A | Erection of bamboo scaffolding for entire building including net fixing etc complete | 30000 | Sqft |
| B | Removing plaster upto brick level, raking the joints neatly. Applying first coat of cement plaster of approx. 12mm thick in C.M.1:4 with water proofing compound with plasticizer. Applying second coat of plaster of 8mm thick in C.M.1:4 with waterproof compound, natural sand faced finish, curing, double scaffolding. | 3000 | Sqft |
| C | waterproofing to chhaja top after removing damaged chhaja. | 300 | Sqft |
| D | Removing debris outside the premises and carting away as per the municipal guidelines (Quantity per truckload) | 1 | No |
| E | Renovating area around courtyard, Removal of existing tiles, Compacting with plate compactor & fixing new tiles. | 450 | Sqft |
| 3. Painting work: - | | | |
| Sr. No | Description of items | Qty | Unit |
| A | External Paint: Providing and applying two coat of Asian ultima paint with one coat of Asian primer base coat as per manufacturing specification to external surface of building. | 45,000 | Sqft |
| OR | | | |
| | External Paint: Providing and applying two coat of Asian ultima PROTEK paint with one coat of Asian base coat as per manufacturing specification to external surface of building. (5 Year Warranty) | 45,000 | Sqft |
| B | Oil Painting : Providing and applying one coat of red oxide and two coat black oil paint to window M. S. Grill/ Gate and other with cleaning, finishing etc completed. | 500 | Sqft |

| C | Crack filling work with polymer putty | | LS |
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| 4. Internal Repair work: - | | | |
| Sr. no. | Description of items | Qty | Unit |
| A | Erection of bamboo scaffolding for entire building including net fixing etc complete | 1000 | Sqft |
| B | Removing plaster upto bricklevel, raking the joints neatly. Applying first coat of cement plaster of approx. 12mm thick in C.M.1:4 with water proofing compound with plastisizer. Applying second coat of plaster of 8mm thick in C.M.1:4 with waterproof compound, natural sand faced finish, curing, double scaffolding. | 1800 | Sqft |
| C | waterproofing to chhaja top after removing damaged chhaja . | 500 | Sqft |
| D | Removing debris outside the premises and carting away as per the municipal guidelines (Quantity per truckload) | 3 | No |
| 5 Compound Area work: - | | | |
| Sr. no. | Description of items | Qty | Unit |
| A | Providing Pre cast Concrete Chambers in Compound Area | 35 | nos |
| B | Excavating Compound area Fixing Pre cast Chambers Making Plumbing Joints 60sqft X 35 nos | 2100 | Sqft |
| C | Koba finish in Compound Area 200 ft X 10 ft X 2+100 ft X 10 ft | 5000 | Sqft |
| D | Removing debris outside the premises and carting away as per the municipal guidelines (Quantity per truckload) | 3 | No |
| 6 Room Toilets Water proofing: - | | | |
| Sr. no. | Description of items | Qty | Unit |
| A | Room Toilets Wall Tile Demolition - Dismantling- Carefully breaking and removing the existing tiles/ cement plaster and mosaic skirting from the walls without disturbing the structure including cement mortar to get a smooth wall including carting away the debris to a place approved by Municipal Corporation. With required manpower, Tools & Tackles | 3780 | sqft |
| B | Room Toilets Floor Tiles Deolition -Dismantling Toilet floor and removal of entire filling material including concealed pipes, traps, Wash basin, W. C. seat, brick bat coba etc and cleaning the surface to make ready for water proofing treatment in case of upper floor. Disposal of waste material to approved dumping area. With required manpower, Tools & Tackles. | 720 | sqft |
| C | BRICK BAT COBA WATERPROOFING WITH FIVE YEARS WARRANTY : Providing and Laying Brick bat coba waterproofing of thickness varies from 200mm complete on base layer of cement mortar in ratio of 1: 4 of average thickness of 50 mm laid to a slope and to cover the slope. This will be done after marking levels on the parapet wall with the help of water levels. The bricks will be new bricks of the quality confirming to IS 1077- 1992. | 720 | Sqft |

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| D | Wall Tiles- Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement: 4 coarse sand), Jointing with grey cement slurry @ 3.3. kg/sqm including grouting the joints with white cement and matching pigments etc.,complete. (Make 1st quality of tiles - Kajaria or Sumani or Jonshon of any colour) | 3780 | Sqft |
| E | Floor Tiles -Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints. (Make 1st quality of tiles - Kajaria or Sumani or Jonshon of any colour) | 720 | Sqft |

7 Common Toilet Water proofing

| Sr. no. | Description of items | Qty | Unit |
|---------|--|-----|------|
| A | Common Toilets Wall Tile Demolition-Dismantling- Carefully breaking and removing the existing tiles/ cement plaster and mosiac skirting from the walls without disturbing the structure including cement mortar to get a smooth wall including carting away the debris to a place approved by Municipal Corporation. With required manpower, Tools & Tackles | 800 | sqft |
| B | Common Toilets Floor Tile Demolition-Dismantling Toilet floor and removal of entire filling material including concealed pipes, traps, Wash basin, W. C. seat, brick bat coba etc and cleaning the surface to make ready for water proofing treatment in case of upper floor. Disposal of waste material to approved dumping area. With required manpower, Tools & Tackles. | 300 | sqft |
| C | BRICK BAT COBA WATERPROOFING WITH FIVE YEARS WARRANTY : Providing and Laying Brick bat coba waterproofing of thickness varies from 200mm complete on base layer of cement mortar in ratio of 1: 4 of average thickness of 50 mm laid to a slope and to cover the slope. This will be done after marking levels on the parapet wall with the help of water levels. The bricks will be new bricks of the quality confirming to IS 1077- 1992. | 300 | Sqft |
| D | Wall Tiles- Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), Jointing with grey cement slurry @ 3.3. kg/sqm including grouting the joints with white cement and matching pigments etc., complete. (Make 1st quality of tiles - Kajaria or Sumani or Jonshon of any colour) | 800 | Sqft |
| E | Floor Tiles - Providing and laying Vitrified tiles in different sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints. (Make 1st quality of tiles - Kajaria or Sumani or Jonshon of any colour) | 300 | Sqft |