# SCHEDULE OF QUANTITY

**Name of Work:- A/R & M/O at Income Tax quarters complex at Purna Das Road, Kolkata-29, during-2026-27. SH: - Day to day maintenance work including patch repairing, painting, water supply and sanitary installation and Misc. Civil works.**

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| **1** | **EARTH WORK** | | | | | **2** |
| 1.1 | Surface dressing of the ground including removing vegetation and in- equalities not exceeding 15 cm deep and disposal of rubbish, lead up to 50 m and lift up to 1.5 m. | | | | | 2.28 |
| 1.1.1 | All kinds of soil | 300.00 | sqm | 34.15 | ₹ 10,245.00 | 2.28.1 |
| | **Sub-Total** | | | | **₹ 10,245.00** | |
| **2** | **REINFORCED CEMENT CONCRETE** | | | | | **5** |
| 2.1 | Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources). | 2.00 | cum | 11505.50 | ₹ 23,011.00 | 5.3 |
| 2.2 | Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. | | | | | 5.22 |
| 2.2.1 | Thermo-Mechanically Treated bars of grade Fe-500D or more. | 200.00 | kg | 107.85 | ₹ 21,570.00 | 5.22.6 |
| | **Sub-Total** | | | | **₹ 44,581.00** | |
| **3** | **CLADDING WORK** | | | | | **8** |
| 3.1 | Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels. | | | | | 8.2 |
| 3.1.1 | Granite stone slab of colour black, Cherry/Ruby red | | | | | 8.2.2 |
| 3.1.1.1 | Area of slab over 0.50 sqm | 16.00 | sqm | 5136.30 | ₹ 82,181.00 | 8.2.2.2 |
| 3.2 | Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3(1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete. | 45.00 | sqm | 1267.95 | ₹ 57,058.00 | 8.31 |
| | **Sub-Total** | | | | **₹ 1,39,239.00** | |
| **4** | **WOOD AND P. V. C. WORK** | | | | | **9** |
| 4.1 | Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). | | | | | 9.1 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 4.1.1 | Sal wood | 0.20 | cum | 116520.30 | ₹ 23,304.00 | 9.1.2 |
| 4.2 | Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters. | | | | | 9.20 |
| 4.2.1 | 30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws | 8.00 | sqm | 3167.95 | ₹ 25,344.00 | 9.20.2 |
| 4.2.2 | 25 mm thick (for cupboard) including ISI marked nickel plated bright finished M.S. Piano hinges IS : 3818 marked with necessary screws | 8.00 | sqm | 2819.25 | ₹ 22,554.00 | 9.20.3 |
| 4.3 | Providing and fixing nickel plated M.S. pipe curtain rods with nickel plated brackets : | | | | | 9.47 |
| 4.3.1 | 25 mm dia (heavy type) | 90.00 | metre | 186.40 | ₹ 16,776.00 | 9.47.2 |
| 4.4 | Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete : | | | | | 9.70 |
| 4.4.1 | 100X58X1.90 mm | 30.00 | each | 107.10 | ₹ 3,213.00 | 9.70.2 |
| 4.5 | Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete : | | | | | 9.97 |
| 4.5.1 | 250x10 mm | 15.00 | each | 115.15 | ₹ 1,727.00 | 9.97.2 |
| 4.5.2 | 150x10 mm | 12.00 | each | 82.55 | ₹ 991.00 | 9.97.4 |
| 4.6 | Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : | | | | | 9.100 |
| 4.6.1 | 125 mm | 20.00 | each | 66.25 | ₹ 1,325.00 | 9.100.1 |
| 4.7 | Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete. | | | | | 9.101 |
| 4.7.1 | Twin rubber stopper | 15.00 | each | 72.35 | ₹ 1,085.00 | 9.101.2 |
| 4.8 | Providing and fixing magnetic catcher of approved quality in cupboard/ ward robe shutters, including fixing with necessary screws etc. complete. | | | | | 9.114 |
| 4.8.1 | Double strip (horizontal type) | 15.00 | each | 39.70 | ₹ 596.00 | 9.114.2 |
| 4.9 | Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, | 28.00 | metre | 492.70 | ₹ 13,796.00 | 9.119 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 4.10 | Providing and fixing factory made panel PVC door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19 mm x 19 mm for styles and 15x15 mm for top & bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture. M.S. frame covered with 5 mm thick heat moulded PVC 'C' channel of size 30 mm thickness, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on both side forming styles and 5 mm thick, 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided both side of the panel. 10 mm (5 mm x 2 ) thick, 20 mm wide cross PVC sheet be provided as gap insert for top rail & bottom rail, paneling of 5 mm thick both side PVC sheet to be fitted in the M.S. frame welded/ sealed to the styles & rails with 7 mm (5 mm+2 mm) thick x 15 mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5 mm thick PVC strip of 20 mm width is to be stuck on the interior side of the 'C' Channel using PVC solvent adhesive etc. complete as per direction of Engineer-in-charge, manufacturer's specification & drawing. | | | | | 9.120 |
| 4.10.1 | 30 mm thick pre laminated PVC door shutters | 21.00 | sqm | 3663.80 | ₹ 76,940.00 | 9.120.2 |
| 4.11 | Providing and fixing 19 mm thick both side balancing lamination factory pressed BWP grade marine ply as per IS : 710 of approved brand boxes,shelves,racks,almirah,cupboard and drawer etc. including necessary nails,screws etc. complete as per direction of Engineer-in- charge. | 60.00 | sqm | 2593.15 | ₹ 1,55,589.00 | 9.169 |
| 4.12 | Providing and fixing stainless steel soft closing heavy type telescopic drawer channels of approved make 500 mm long with screws etc. complete as per direction of Engineer- in-charge, | 16.00 | one set | 885.10 | ₹ 14,162.00 | 9.172 |
| 4.13 | Providing and fixing ready made 304 grade stainless steel Modular kitchen basket and accessories such as right angle basket (Plain Cup & Saucer, plant, Partition, Bottle rack, Thali, Cutlery) kitchen utensil basket, Dinner set basket, kitchen grain basket, Multipurpose basket as per site requirement including finishing (wherever required) and fittings. The same shall be fixed with necessary stainless steel nuts & bolts, Stainless Steel screws & telescopic channel etc. as per direction of Engineer-in- charge. (For payment purpose only weight of Stainless steel basket shall be considered excluding weight of all fixing accessories such as nuts, bolts, fasteners telescopic basket channels etc. Payment of providing and fixing telescopic channel shall be paid separately) | 65.00 | kg | 533.25 | ₹ 34,661.00 | 9.173 |
| | **Sub-Total** | | | | **₹ 3,92,063.00** | |
| **5** | **STEEL WORK** | | | | | **10** |
| 5.1 | Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete. | | | | | 10.29 |
| 5.1.1 | Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides | 25.00 | sqm | 1133.55 | ₹ 28,339.00 | 10.29.2 |
| | **Sub-Total** | | | | **₹ 28,339.00** | |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| **6** | **FLOORING** | | | | | **11** |
| 6.1 | Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm 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. | 25.00 | sqm | 1330.00 | ₹ 33,250.00 | 11.39 |
| 6.2 | Providing and laying Vitrified tiles in floor with diferent 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, 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 (Payment for grouting of joints to be made separately). | | | | | 11.49 |
| 6.2.1 | Size of Tile 600x600 mm | 20.00 | sqm | 1725.35 | ₹ 34,507.00 | 11.49.2 |
| | **Sub-Total** | | | | **₹ 67,757.00** | |
| **7** | **ROOFING** | | | | | **12** |
| 7.1 | Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes. | | | | | 12.41 |
| 7.1.1 | 75 mm diameter | 12.00 | metre | 248.80 | ₹ 2,986.00 | 12.41.1 |
| 7.1.2 | 110 mm diameter | 20.00 | metre | 377.40 | ₹ 7,548.00 | 12.41.2 |
| 7.2 | Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS :5382, leaving 10 mm gap for thermal expansion. | | | | | 12.42 |
| 7.2.1 | Single tee without door | | | | | 12.42.4 |
| 7.2.1.1 | 110x110x110 mm | 10.00 | each | 221.35 | ₹ 2,214.00 | 12.42.4.2 |
| 7.2.2 | Bend 87.5° | | | | | 12.42.5 |
| 7.2.2.1 | 110 mm bend | 10.00 | each | 150.35 | ₹ 1,504.00 | 12.42.5.2 |
| 7.3 | Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete. | | | | | 12.43 |
| 7.3.1 | 110 mm | 25.00 | each | 371.30 | ₹ 9,283.00 | 12.43.2 |
| | **Sub-Total** | | | | **₹ 23,535.00** | |
| **8** | **FINISHING** | | | | | **13** |
| 8.1 | 12 mm cement plaster of mix: | | | | | 13.1 |
| 8.1.1 | 1:4(1 cement: 4 fine sand) | 75.00 | sqm | 333.35 | ₹ 25,001.00 | 13.1.2 |
| 8.2 | 15 mm cement plaster on rough side of single or half brick wall of mix: | | | | | 13.2 |
| 8.2.1 | 1:4(1 cement: 4 fine sand) | 75.00 | sqm | 383.00 | ₹ 28,725.00 | 13.2.2 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 8.3 | Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. | 300.00 | sqm | 156.05 | ₹ 46,815.00 | 13.80 |
| 8.4 | Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound ) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour. | | | | | 13.83 |
| 8.4.1 | One coat | 1500.00 | sqm | 95.45 | ₹ 1,43,175.00 | 13.83.1 |
| 8.4.2 | Two coats | 3000.00 | sqm | 142.80 | ₹ 4,28,400.00 | 13.83.2 |
| 8.5 | Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade: | | | | | 13.99 |
| 8.5.1 | One or more coats on old work | 1000.00 | sqm | 102.80 | ₹ 1,02,800.00 | 13.99.1 |
| | **Sub-Total** | | | | **₹ 7,74,916.00** | |
| **9** | **REPAIRS TO BUILDING** | | | | | **14** |
| 9.1 | Renewing glass panes and refixing existing wooden fillets: | | | | | 14.7 |
| 9.1.1 | Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm) | 15.00 | sqm | 1227.30 | ₹ 18,410.00 | 14.7.1 |
| 9.2 | Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge. | 50.00 | each | 108.30 | ₹ 5,415.00 | 14.76 |
| 9.3 | Cleaning of chocked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150 mm dia upto 300 mm | 150.00 | metre | 340.75 | ₹ 51,113.00 | 14.77 |
| 9.4 | Dismantling W.C. Pan of all sizes including disposal of dismantled materials including malba all complete as per directions of Engineer-in-Charge. | 5.00 | each | 134.10 | ₹ 671.00 | 14.82 |
| 9.5 | Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge. | 10.00 | each | 429.10 | ₹ 4,291.00 | 14.85 |
| | **Sub-Total** | | | | **₹ 79,900.00** | |
| **10** | **Dismantling and Demolishing** | | | | | **15** |
| 10.1 | Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. | | | | | 15.2 |
| 10.1.1 | Nominal concrete 1:4:8 or leaner mix (including equivalent design mix) | 1.00 | cum | 1503.60 | ₹ 1,504.00 | 15.2.2 |
| 10.2 | Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. | | | | | 15.23 |
| 10.2.1 | For thickness of tiles 10 mm to 25 mm | 10.00 | sqm | 73.40 | ₹ 734.00 | 15.23.1 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 10.3 | Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved. | 100.00 | cum | 263.95 | ₹ 26,395.00 | 15.60 |
| | **Sub-Total** | | | | **₹ 28,633.00** | |
| **11** | **SANITARY INSTALLATIONS** | | | | | **17** |
| 11.1 | Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: | | | | | 17.7 |
| 11.1.1 | White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap | 8.00 | each | 1879.20 | ₹ 15,034.00 | 17.7.4 |
| 11.2 | Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : | | | | | 17.10 |
| 11.2.1 | Kitchen sink without drain board | | | | | 17.10.2 |
| 11.2.1.1 | 610x510 mm bowl depth 200 mm | 4.00 | each | 4940.80 | ₹ 19,763.00 | 17.10.2.1 |
| 11.3 | Providing and fixing white vitreous china water closet squatting pan (Indian type) : | | | | | 17.13 |
| 11.3.1 | Orissa pattern W.C. pan of size 580x440 mm | 4.00 | each | 3169.05 | ₹ 12,676.00 | 17.13.2 |
| 11.4 | Providing and fixing white vitreous china pedestal type (European type/ wash down type) water closet pan. | 15.00 | each | 2784.95 | ₹ 41,774.00 | 17.15 |
| 11.5 | Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete. | | | | | 17.18 |
| 11.5.1 | 10 litre capacity - White | 8.00 | each | 1190.65 | ₹ 9,525.00 | 17.18.1 |
| 11.6 | Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete : | | | | | 17.2 |
| 11.6.1 | White solid plastic seat with lid | 12.00 | each | 684.85 | ₹ 8,218.00 | 17.20.1 |
| 11.7 | Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete. | | | | | 17.28 |
| 11.7.1 | Semi rigid pipe | | | | | 17.28.1 |
| 11.7.1.1 | 32 mm dia | 20.00 | each | 103.90 | ₹ 2,078.00 | 17.28.1.1 |
| 11.7.1.2 | 40 mm dia | 20.00 | each | 116.70 | ₹ 2,334.00 | 17.28.1.2 |
| 11.8 | Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. | 8.00 | each | 1607.95 | ₹ 12,864.00 | 17.31 |
| 11.9 | Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete. | 10.00 | each | 1083.50 | ₹ 10,835.00 | 17.33 |
| 11.10 | Providing and fixing toilet paper holder : | | | | | 17.34 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 11.10.1 | C.P. brass | 2.00 | each | 803.70 | ₹ 1,607.00 | 17.34.1 |
| 11.11 | Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. | 10.00 | each | 231.95 | ₹ 2,320.00 | 17.72 |
| | **Sub-Total** | | | | **₹ 1,39,028.00** | |
| **12** | **WATER SUPPLY** | | | | | **18** |
| 12.1 | Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply and all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall | | | | | 18.7 |
| 12.1.1 | 20 mm nominal dia Pipes | 40.00 | metre | 335.00 | ₹ 13,400.00 | 18.7.2 |
| 12.1.2 | 40 mm nominal dia Pipes | 20.00 | metre | 702.95 | ₹ 14,059.00 | 18.7.5 |
| 12.2 | Providing and fixing gun metal non- return valve of approved quality (screwed end) : | | | | | 18.19 |
| 12.2.1 | 50 mm nominal bore | | | | | 18.19.4 |
| 12.2.1.1 | Horizontal | 4.00 | each | 1371.20 | ₹ 5,485.00 | 18.19.4.1 |
| 12.3 | Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : | | | | | 18.49 |
| 12.3.1 | 15 mm nominal bore | 10.00 | each | 506.80 | ₹ 5,068.00 | 18.49.1 |
| 12.4 | Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms. | | | | | 18.50 |
| 12.4.1 | 15 mm nominal bore | 12.00 | each | 820.70 | ₹ 9,848.00 | 18.50.1 |
| 12.5 | Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 | | | | | 18.53 |
| 12.5.1 | 15 mm nominal bore | 10.00 | each | 574.30 | ₹ 5,743.00 | 18.53.1 |
| 12.6 | Providing and fixing PTMT pillar cock of approved quality and colour. | | | | | 18.56 |
| 12.6.1 | 15 mm nominal bore, 107 mm long, weighing not less than 110 gms | 10.00 | each | 208.45 | ₹ 2,085.00 | 18.56.1 |
| 12.7 | Providing and fixing PTMT grating of approved quality and colour. | | | | | 18.58 |
| 12.7.1 | Circular type | | | | | 18.58.1 |
| 12.7.1.1 | 125 mm nominal dia with 25 mm waste hole | 20.00 | each | 51.85 | ₹ 1,037.00 | 18.58.1.2 |
| 12.8 | Providing and fixing PTMT soap Dish Holder having length of 138 mm, breadth 102 mm, height of 75 mm with concealed fitting arrangements, weighing not less than 106 gms. | 10.00 | each | 111.45 | ₹ 1,115.00 | 18.65 |
| 12.9 | Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour. | | | | | 18.74 |
| 12.9.1 | 15 mm nominal bore with 30 cm length | 30.00 | each | 96.35 | ₹ 2,891.00 | 18.74.1 |
| | **Sub-Total** | | | | **₹ 60,731.00** | |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| **13** | **DRAINAGE** | | | | | **19** |
| 13.1 | Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete : | | | | | 19.6 |
| 13.1.1 | 300 mm dia. R.C.C. pipe | 80.00 | metre | 994.30 | ₹ 79,544.00 | 19.6.4 |
| 13.2 | Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size), foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size), inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design : | | | | | 19.7 |
| 13.2.1 | Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions, total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) : | | | | | 19.7.1 |
| 13.2.1.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | 4.00 | each | 12770.55 | ₹ 51,082.00 | 19.7.1.1 |
| 13.3 | Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : | | | | | 19.21 |
| 13.3.1 | For pipes 250 to 300 mm diameter | 8.00 | each | 922.40 | ₹ 7,379.00 | 19.21.2 |
| 13.4 | Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand ) with precast R.C.C. vertical grating complete as per standard design : | | | | | 19.28 |
| 13.4.1 | With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 | 8.00 | each | 6889.80 | ₹ 55,118.00 | 19.28.1 |
| | **Sub-Total** | | | | **₹ 1,93,123.00** | |
| **14** | **ALUMINIUM WORK** | | | | | **21** |
| 14.1 | Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : | | | | | 21.1 |
| 14.1.1 | For fixed portion | | | | | 21.1.1 |
| 14.1.1.1 | Powder coated aluminium (minimum thickness of powder coating 50 micron) | 90.00 | kg | 530.90 | ₹ 47,781.00 | 21.1.1.2 |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 14.1.2 | For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) | | | | | 21.1.2 |
| 14.1.2.1 | Powder coated aluminium (minimum thickness of powder coating 50 micron) | 120.00 | kg | 634.45 | ₹ 76,134.00 | 21.1.2.2 |
| 14.2 | Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete. | | | | | 21.15 |
| 14.2.1 | Anodized (AC 15) aluminium | 20.00 | each | 89.40 | ₹ 1,788.00 | 21.15.1 |
| | **Sub-Total** | | | | **₹ 1,25,703.00** | |
| | Total | | | | ₹ 21,07,793.00 | |
| | **Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 on** | ₹ 21,07,793.00 | | | **₹ 20,50,883.00** | |
| | Add Cost Index @22% on | ₹ 20,50,883.00 | | | ₹ 4,51,194.00 | |
| | **Total** | | | | **₹ 25,02,077.00** | |
| **15** | **NON-SCHEDULE ITEMS** | | | | | |
| 15.1 | Easing door and windows | 80.00 | each | 20.25 | ₹ 1,620.00 | MR |
| 15.2 | Removing chokage of water closet. | 35.00 | each | 31.00 | ₹ 1,085.00 | MR |
| 15.3 | Cleaning silt of inspection pit. | 35.00 | each | 183.55 | ₹ 6,424.00 | MR |
| 15.4 | Removing chokage of H.C.I. or S.W. pipe with split bamboo. | | | | | MR |
| 15.4.1 | (a) Underground | 550.00 | metre | 13.10 | ₹ 7,205.00 | |
| 15.5 | Cleaning silt of master trap pit. | 25.00 | each | 1372.95 | ₹ 34,324.00 | MR |
| 15.6 | Providing and fixing Overhead shower 105 mm Round shape single flow with ABS and rubit cleaning system of approved model and make as per direction of the Engineer – in – Charge. | 12.00 | each | 3168.30 | ₹ 38,020.00 | MR |
| 15.7 | Providing and fixing C.P. two in one bib cock or 2-way bib cock with wall flange of approved brand and manufacture and as per direction of the Engineer – in – Charge. | 12.00 | each | 2242.70 | ₹ 26,912.00 | MR |
| 15.8 | Providing and fixing C.P. angular stop cock with wall flange of approved brand and manufacture and as per direction of the Engineer – in – Charge. | 12.00 | each | 1780.25 | ₹ 21,363.00 | MR |

| SLNo | Description | Quantity | Unit | Rate | Amount | DSR-23 & M/R |
|---|---|---|---|---|---|---|
| 15.9 | Cleaning of under ground sump, Over Head R.C.C. Tank ( independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge.<br>The cleaning shall consist following operations:-<br>(i) Tank shall be emptied of water & bottom shall be cleaned of silt and other deposits.<br>(ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water.<br>(iii) Chlorination of RCC internal surface by liquid chlorine<br>(iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. as per direction of Engineer-in-Charge. | 400.00 | sqm | 88.65 | ₹ 35,460.00 | MR |
| | **Total** | | | | **₹ 26,74,490.00** | |

**Executive Engineer**
**KCD-IV,CPWD,Kol-20**