

**Name of work : S.R. to Quarters for Class-III Government Block A-2 at Sevashram
Staff Quarters at Bharuch (Repairs to toilet, door, window, colour, water tank) Dist.
Bharuch.**

BILL OF QUANTITIES

Memorandum showing item of works to be carried out.

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	90.00	Sqm	46.77	4209.30
2	Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area.	15.00	Each	182.94	2744.10
3	Dismantling sanitary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift.	2.00	Each	394.51	789.02
4	Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift.	322.00	Sqm	18.94	6098.68
5	Demolition of Brick work and stone masonry including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar.	2.00	Cum	536.09	1072.18
6	Providing 15mm thick cement plaster in single coat on Rough (Similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand).	322.00	Sqm	187.71	60442.62
7	Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth.	322.00	Sqm	40.59	13069.98
8	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	260.00	Sqm	78.90	20514.00
9	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth. Extra over Item 44,45 for distempering with oil bound washable distemper on ceiling and) sloping roofs.	62.00	Sqm	79.86	4951.32

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
10	Finishing wall With Weather Proof exterior emulsion paint on wall surface two coats give an required shape and even shade after through brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete.	290.00	Sqm	114.53	33213.70
11	P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete for light	66.00	Sqm	916.27	60473.82
12	Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3(1-cement: 3-coarse sand) finishing with flush pointing in white cement.	24.00	Sqm	957.63	22983.12
13	Providing and fixing polished 18mm thick green marble stone with full round edge and polished of approved quality in clading on sill and around the doors/ windows/ ventilation with 20 mm thick cement plaster CM (1:4) and fixing with cement slurry- & adhesive including moulding of exposed edges as directed by engineering in charge etc. complete.	9.00	Sqm	1124.13	10117.17
14	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm (of jindal section no:2459 @ wt.of 0.738 kg/mt), horizontal Three track member size 92mm x 31.75mm x 1.30mm (of jindal Section no :8688 @ wt 1.07 Kg/mt) vertical member of size 92mm x 31.75mm x 1.50 (of jindal Section no. 8933 @ wt. 1.06 Kg/mt) with sliding shutters of size 40 mm x 18 mm x 1.29 mm (of Jindal Section no. 8947 @ wt. of 0.456 Kgmt) vertical member of size 40 mm x 18 mm x 1.29 mm (of Jindal Section no. 8949 @ wt. of 0456 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with S.S.Jali in one member powder coated alluminium fitting and fixtures and transparent silicon sealant glass fixing to frame as per details etc.	11.00	Sqm	1583.95	17423.45
15	Providing and fixing standard extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm(of Jindal Section no:4605, @ Wt 1.094Kg/ Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for For ventilation.	1.00	Sqm	1175.56	1175.56
16	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including sutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size (i) in white colour.	1.00	Each	1382.37	1382.37

It. No.	Item of Work	Qty.	Unit	Rate in Figures	Total Amount
1	2	3	4	5	6
17	Providing & Fixing CERA or equivalent wash down water closet (European w. c .pan) wall Hung type with integral "p" or "s" trap and PVC fushing cistern with fittings and including plastic sheet cover including jointing trap with soil pipe in cm 1:1(1 Cement: 1 fine sand) and connecting cistern with closet as approved quality etc.	1.00	Each	2382.59	2382.59
18	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C7C or shall be conceded as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	16.00	Rmt	148.12	2369.92
19	Providing, laying and jointing in true line and level 110mm diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to IS1 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at even 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials.	14.00	Rmt	835.15	11692.10
20	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be conceded as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	38.00	Rmt	91.84	3489.92
21	Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 25mm dia.	1.00	Each	420.63	420.63
22	Providing and fixing Gun metal check or non-return fullway wheel valve (E) 40mm dia.	1.00	Each	663.43	663.43
23	Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight (i) Square mouth traps (B) 150mm x 100mm size P or R type.	2.00	Each	1246.92	2493.84
24	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts (i) 15mm dia.	8.00	Each	308.73	2469.84
25	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright (i) 15mm dia.	2.00	Each	186.83	373.66
26	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. completed (ii) 25mm dia.	1.00	Each	615.63	615.63

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27	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. scread down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet(C) 100mm dia.	2.00	Each	615.63	1231.26
28	Providing erecting fixing double coated Syntex PVC (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	2000.00	Ltr.	3.95	7900.00
29	Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers.	1.00	Each	833.73	833.73
30	Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood (i) Fully Panelled.	6.00	Sqm	3064.44	18386.64
31	Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill.	139.00	Kg.	102.62	14264.18
32	Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm2 in CM. 1:5 C.I. cover with frame (light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets.	3.00	Each	3660.76	10982.28
33	Carrying out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC As Per 6131 paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion application at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S.	66.00	Sqm	34.36	2267.76
34	Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed.	76.00	Sqm	747.29	56794.04
			TOTAL Rs.		400291.84

i.e. Rs. Four lakh two hundred ninety one and paise eighty four only.

I/We am/are willing to carry out the work @ _____ % above/below percent
(Should be written in figures and words) of the estimated rate mentioned above. Amount of

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my /our tender works out as under.

Estimated amount put to tender	Estimated amount put to tender
Deduct.....% below	Add.....% Above
Net Rs. _____	Total Rs. _____
In words _____	In words _____

Note :-

1. The Contractor shall exhibit a board with detailed specification and details of work as directed by the Engineer-In-Charge for which no extra payment shall be made.
2. The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.
3. GST and Income tax TDS will be deducted at a source while making payments of bills.
4. In all R.C.C. Items in Rate Analysis Standard Cement Consumption has been taken as per Govt. G.R.: PRC-10/2017 Cement Consumption/16/C, Date:11/05/2017 as stated in S.O.R. therefore in R.C.C. items where there is a change as per actual mix design the cost of difference of cement consumption have been deducted from the rate of original item at the rate of input rate mentioned in all the tender.

Above all items of "Schedule-B" with Item Description, Unit, Rate & Amount have verified by me and found order.

Deputy Executive Engineer
City (R & B) Sub Division
Bharuch

Sr. Divisional Account Officer
Bharuch (R & B) Division
Bharuch

Executive Engineer Bharuch
(R & B) Division,
Bharuch