

Name of work :- SR TO SO QUARTER AT MUNDRA (WATER PROOFING, BOUNDARY WALL, TILES FLOORING, DRAINAGE, PLUMBING, DOOR - WINDOWS, ANTI TERMITE AND OTHER MISC. WORK) TA: MUNDRA, DIST. KUTCH (KCH/SR/RESI/2025-26/ 1)

Index to Specification

It. No.	Item of work	Specification No. as per		Remarks
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1	2	3	4	5
1	Dismantling tiled of stone floors laid in mortar including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.	20.23.	148	
2	Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dado on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry .	14.36 (A)	97	Consider Tiles as Specified in Item instead of Marble
3	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.	20.11 (ii)	148	
4	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work.	20.3	147	
5	Excavation for foundation upto 1.50 mt depth including sorting out and stracking of useful materials and disposing the excavated stuff upto 50 mt lead (b) Dense or hard soil	4.0.0. (B)	29	
6	Providing and laying cement concrete 1 :4 :8 (1 cement : 4 coarse sand : 8 crushed stone aggregate 40 mm nominal size) and curing complete excluding cost of form work in (A) Foundation and plinth and Mass concrete.	5.3.3.(A)	38	
7	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6	7.75	60	
8	Providing and laying controlled cement concrete M-150 and curing complete including the cost of form work but excluding cost of reinforcement for reinforced concrete work in wall coping and Mass concrete.	5.3.13.	40	
9	Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6 Extra for masonry work with precast concrete block in superstructure above plinth upto floor two level.	7.75	60	
10	Providing Fe500 D TMT Bar reinforcement ISI mark for RCC work including bending, binding and placing in position upto floor two level for Ground Floor	5.4.11 5.4.13(A)	45 45	
11	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 (ii) Cement mortar 1:4 (1-cement :4-sand)	17.58(II) 17.94	105 107	Except the thickness shall be 15mm And Ratio Shall BE 1:3 and plaster shall be mala finish or as suggested
12	Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia.	M57 23.92(B)	25 151	

13	Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia	23.95(A)	170	
14	Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent 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 cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	23.8. D	173	
15	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent 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 cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	23.8. B	173	Consider Pipe Size should be 25mm UPVC (SCH-40) As per Specify in Item.
16	Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	M67 23	26 171	
17	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings make PRINCE / SUPREME / ASTRAL / FINOLEX or equivalent 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 cancelled as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	23.8	162	Consider Pipe Size should be 15mm UPVC (SCH-40) As per Specify in Item.
18	Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia	23.99	171	
19	Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia.	23.87	164	Consider Material of Nahni Trape PVC SWR Nahni Trap (as per IS Code)
20	Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels.	10.24	72	
21	Carrying out wall treatment for termite control including spraying with chemical solution in oil base including labour and material Using Chlorpyriphos 20 ECAs per IS6313 part - II (1% concentration by mass) is recommended i.e one litre chemical emulsion diluted with 19 liter oil base. Total solution will be 20 liters inclusive of one liter chemical emulsion application at the rate of 7.5 litre chemical / Sqm of surface is recommended as per I.S.	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on SMT Basis		

22	Providing and laying 2 coat water proofing treatment for terrace using Water proofing materials liquid form along the wall,clearing with water and oxalic acid etc including all with finishing. as directed.	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on SMT Basis		
23	Providing labour Mazdoor (Male) for cleaning compound, under ground water tank, pvc water tank and tarrece	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on Day Basis		
24	Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre-coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @ 230mm interval and laying	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on SMT Basis		
25	Providing and fixing standared 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 with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window	M 31	17	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on Smt Basis
26	Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of read lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like	11.2	74	
27	Providing and Fixing 1.80 mm thick FRP roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge.	Item Shall Be Executed as per Description And Section and Material Shall Be Approve From Engineer Incharge Payment shall be Made on Smt Basis		

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