

Name of Work Construction of Anganvadi - Nandghar (Frame structure) at Various Village of
:- Gadhada Taluka Dist. Botad (Package BTB/Anganvadi/Pac-16) (Holaya, Junvadar-1
,Moti Kundal-1)

CEMENT /STEEL REQUIREMENT STATEMENT

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
1	3	Providing and laying cement concrete 1:4:8 (1 cement, 4sand,8 Crushed stone aggregates 40 mm.Nominal size)and curing complete, excluding cost of formwork in(a) Foundation and Plinth.	49.20	Cum	160.00	Cum	7872.00
2	4	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in foundation and plinth in cement mortar 1:6(1 Cement ; 6 Fine sand) Conventional bricks.	97.50	Cum	60.00	Cum	5850.00
3	5	Providing and laying ordinary cement concrete1:1:2 (1cement,1sand, 2 gradedstone aggregates 20 mm.Nominal size) and finishing smooth with curing etc. complete excluding cost of form work and reinforcement for reinforced cement concrete work in in A) Foundations, footings, base of columns and mass concrete	23.70	Cum	380.00	Cum	9006.00
4	8	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in super structure for all floors. in cement mortar 1:6(1 Cement ;6 Fine sand)	51.90	Cum	60.00	Cum	3114.00
5	9	Half brick masonry in comon burnt clay building bricks having crushing strength not less than 35Kg./Sq.Cm. in cement mortar 1:3 (1 Cement : 3 coarse sand) with 2 nos of 6mm mild steel round bars after every three course embedded in cement mortar in foundation and plinth.Conventional	69.00	Sqm	14.28	Sqm	985.32
6	10	Providing and laying ordinary cement concrete1:1.5:3 (1cement, 1.5sand, 3 graded stone aggregates 20 mm .Nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement of R.C.C. work in Column (iii) Having cross-sectional area more than 0.085 Sq.M. and up to 0.18Sq.M	10.80	Cum	360.00	Cum	3888.00
7	11	Providing & laying ordinary C.C. 1:1 1/2:3 (1 cement ,1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size)and for R.C.C. LINTELS incl. Finishing smooth with curring of formwork but excl. the cost of reinforcement.for above floor upto Floor ALL level.	0.90	Cum	360.00	Cum	324.00
8	12	Providing and laying cement concrete1:1.5:3 (1cement, 1.5sand, 3 gradedstone aggregates20 mm.Nominal size) and curing complete, including cost of formwork in sill and sides (R.C.C. band) but excluding the cost of reinforcement upto floor all level	2.52	Cum	360.00	Cum	907.20
9	13	Providing & laying cement concrete 1:11/2:3 (1 cement ,11/2 course sand,3graded stone agg.of 20 mm nominal size) for rein-forcement concrete CHHAJJAS not exceeding 10cm. thickness upto floor two level incl. finishing the exposed surface with C.M. 1:3 (1 cement ,3 fine sand) to give a smooth and ever surface, centering, formwork and curring comp.Excl. the cost of reinforcement. above plinth Upto floor all level.	2.40	Cum	433.00	Cum	1039.20

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
10	14	Providing & laying C.C. 1:1/2:3 (1 cement ,1/2 course sand,3 graded stone agg.of 20 mm nominal size) and finishing smooth with curring etc. comp. incl. the cost of formwork but excl. the cost of reinforcement for R.C.C. work in. (A) Beam :- Having cross sectional Area 0.085 to 0.12 Sqm.upto floor all level	28.50	Cum	360.00	Cum	10260.00
11	15	Providing & laying ordinary cement concrete1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) exposed work with curring etc.comp. incl. the cost of formwork but excluding the cost of reinforcement for R.C.C. work in. SLAB :- having more then 10cm. and end upto 13cm. thickness.upto floor all level	24.30	Cum	360.00	Cum	8748.00
12	20	20mm thick sand faced cement plaster on wall up to height 10meters above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1 cement : 3 sand) and 8mm thick finishing coat of C.M. 1:1 (1 cement : 1 sand) etc. complete	669.00	Sqm	16.83	Sqm	11259.27
13	21	Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor all level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand)	459.00	Sqm	5.82	Sqm	2671.38
14	22	Providing and laying 24" x 24" vitrified 8MM thick tile flooring over 20MM (average) base of cement mortar 1:6 (1- Cement : 6-Coarse Sand) on new surface or fixing on existing flooring by adhe-sive material including dismantalling of existing flooring and jointed with colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Light shade	132.00	Sqm	12.52	Sqm	1652.64
15	23	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 (1cement : 3-coarse sand) finishing with flush pointing in white cement	15.30	Sqm	10.44	Sqm	159.73
16	24	Providing and layingCeramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3coarse sand) and jointed with white cement slurry	114.30	Sqm	9.52	Sqm	1088.14
17	25	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty :1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick	41.40	Sqm	12.00	Sqm	496.80
18	30	Proving and fixing water closet squatting pan (Indian type W.C.Pan) size 580 mm. incl. 100mm. Size P trap & Foot rest(Earthwork, bed concrete,foot rests and trap to be measured and paid for separately) (A) Vitreous china (I) Long pattern white colour.	3.00	No	50.00	No	150.00
19	34	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. (A) 100mm x 100mm size P type.	6.00	No	22.95	No	137.70

Sr No.	Item No. of Schedule "B"	Item.	Qty	Unit	Rate in K.G.	Per	Cement required as per Rate.
20	35	Constructing brick masonry road gully chamber 450mm x 450mm x 775mm with vertical grating complete With C.I. Manhole Cover 450x600 mm size	3.00	No	74.06	No	222.18
21	42	Proving sock pit of 5.0 Cumt. Volume including excavating and filling brick bats with dry masonry work at top for 45 cm. Height including covering the top with stone including providing vatas in c.m. 1;3 with finishing,curing etc. complete as directed.	3.00	No	80.00	No	240.00
22	46	Providing and laying water proofing tretment with chaina mosaic tiles flooring over avg 40 mm C.C.1:2:4 {1 Cement : 2 sand : 4 Kapachi / Gritt 6 to 12 mm size} bedding for maintaining slope for plain and curve surface & 12 mm to 20 mm of broken piece of seramic / glazed tiles (one for more color as directed) to be laid over cement mortar bedding of C M 1:3 (1 cement : 3 sand) containg one Kg of water profing materials per bag of O P C at plain or / and slops and to be tempered to bring mortar ceramic up to surface with using white cement and colour pigment including rounding of junctions and extending them up to 15 cm along the wall and curing with bends any pattens or design as per drawing and cleaning by using oxalic acid etc complete.	153.00	Sqm	27.40	Sqm	4192.20
					Total		74263.76
					i.e MT		74.26
					Say MT		75.00

STEEL REQUIRED

	Mild steel	0.00	M.T.
16	TMT steel	8.772	M.T.

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Deputy Executive Engineer
Panchayat R.& B. Sub Division
Botad

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Executive Engineer
Panchayat R.& B. Division
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