

ICDS 2025-26

Name of Work : ICDS 2025-26 Construction of Anganwadi Building at Various Village of
Umargam Taluka Dist Valsad (Pk-1 Total -6 Anganwadi)

BILL OF QUANTITIES

Item No.	Item of work	Quantity	Unit	Rate In figures	Amount
1	2	3	4	5	6
1	Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (B) Dense or Hard Soil ' (I) 0 To 1.5 mt. Depth	93.60	Cu.Mt.	149.830	14024.09
2	Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense and Hard Soil ' (II) 1.5 To 3.0 MT Depth	46.80	Cu.Mt.	162.560	7607.81
3	Filling available excavated earth (Including rock in trenches plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each deposited layer by ramming and watering)	57.00	Cu.Mt.	130.390	7432.23
4	Providing & filling in plinth with murrum or yellow soil or selected soil in layers of 20 cm. Thickness. Incl. watering, ramming & consolidation etc. complete.	152.82	Cu.Mt.	289.060	44174.15
5	'Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	27.00	Cu.Mt.	460.190	12425.13
6	Providing and laying cement concrete 1:3:6 (1- Cement : 3- Coarse sand : 6- graded stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) PCC	44.16	Cu.Mt.	3313.290	146314.89
7	Providing and laying Ordinary cement concrete M.250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in foundation, footings base of column and mass concrete. (A) Footing	27.24	Cu.Mt.	4683.400	127575.82

8	Providing and laying Ordinary cement concrete M.250 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Column D) Column, Pillers, posts and struts , upto Plinth	8.16	Cu.Mt.	8577.930	69995.91
9	Providing and laying Ordinary cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Column D) Column, Pillers, posts and struts, upto Ground Floor	13.50	Cu.Mt.	8542.580	115324.83
10	Providing and laying Ordinary cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Column D) Column, Pillers, posts and struts, upto First Floor	2.28	Cu.mt.	8582.980	19569.19
11	Providing and laying Ordinary cement concrete M.250 and curing complete including the cost of formwork but Excluding the cost of the cost of reinforcement for reinforced concrete work in Beams. (E) Beam, upto Plinth	39.12	Cu.Mt.	6637.720	259667.61
12	Providing and laying Ordinary cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Beams,(E) Beam, Ground Floor	24.00	Cu.Mt.	6599.340	158384.16
13	Providing and laying Ordinary cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in All Types of Slab,All Thickness (C) Slab upto Plinth and Ground Floor	31.74	Cu.Mt.	6167.060	195742.48
14	Providing and laying Ordinary cement concrete M.200 and curing complete including the cost of formwork but Excluding the cost of reinforcement for reinforced concrete work in Chajja. Upto Ground Floor	1.62	Sq.Mt.	6788.210	10996.90

15	Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level, Ground Floor, First Floor, Second Floor, Third Floor, Terrace Floor (all floor).	15576.00	Kg	76.230	1187358.48
16	Brick work using common brunt clay building bricks having crushing strength not less than 35 kg/sqcm. in superstructure above plinth level upto floor two level in cement mortar 1:6 (1 cement :6 fine sand) etc.comp. (B) Conventional Ground Floor	199.38	Cu.Mt.	4295.990	856534.49
17	Brick work using common brunt clay building bricks having crushing strength not less than 35 kg/sqcm. in superstructure above plinth level upto floor two level in cement mortar 1:6 (1 cement :6 fine sand) etc.comp. (B) Conventional First Floor	21.30	Cu.Mt.	4336.180	92360.63
18	'Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1- Cement : 3 - coarse sand) in (B) Conventional Ground Floor	68.04	Sq.Mt.	716.370	48741.81
19	'Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or Full/half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:3 (1-cement :3-sand) Ground Floor	800.58	Sq.Mt.	171.800	137539.64
20	'Providing & laying 10 mm. thick cement plaster in single coat on fair side of ceilings for interior plastering upto floor two level and finishing with smooth mala plaster.(i) Cement mortar 1:3 (1 cement : 3 sand) Ground Floor	274.98	Sq.Mt.	153.670	42256.18
21	'20mm thick sand faced cement plaster on walls upto height 10 metres 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.	1046.94	Sq.Mt.	300.660	314772.98
22	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	36.00	Rmt	42.170	1518.12

23	Providing and laying polished Granite Slab 18mm thick in Flooring laid 20mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round front edges , rubbing and polishing etc. complete.	59.52	Sq.Mt.	2234.120	132974.82
24	Providing and laying polished Granite Slab 18mm thick in Risers of steps Dedo, window sill, jembs and pillars laid 10 mm thick Cement Mortar 1:4 (1-Cement : 4-Coarse Sand) and jointed with Grey Cement Slurry including full molded round edges , rubbing and polishing etc. complete.	88.14	Sq.Mt.	2486.620	219170.69
25	Providing and laying Vitrified tiles, 24" x 24" 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.Soluble Salt PVT. Tiles in All Rooms.	332.04	Sq.Mt.	1073.130	356322.09
26	Providing and laying Vitrified tiles, 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry Soluble Salt PVT. Tiles in All Rooms.	207.24	Sq.Mt.	1141.450	236554.10
27	Providing and fixing flush door both sides laminated and shutter fabricated from 35 mm thick solid core malemine faced three layered pre laminated flat pressed wood based exterior grade bonded BWP/BWR synthetic resin having stamped IS 12823 grade I type II including Stainless steel decorative type designs fixtures / fastening 2Nos. Handles, 2Nos. Aldropes, towerbolt etc.including I.T.W. triangular batten patti of size 30m.m.x30m.m.etc. as per architectural detailed drawing and as directed by engineer in charge..	25.80	Sq.Mt.	3122.920	80571.34

28	Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filled up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & aluminium S.S fixtures & fastenings & fastener sleeve.	9.84	Sq.Mt.	2615.040	25731.99
29	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track with Mosquito Net member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window.	39.00	Sq.Mt.	3477.630	135627.57
30	'Providing and fixing standard extruded of aluminium section of size 63mm x 38.10mm x 1.2mm (Wt. 0.643 Kg/mt) with colour anodized aluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation	6.00	Sq.Mt.	2525.000	15150.00
31	Providing and fixing M.S. grill of required pattern of windows etc. with M.S.. flats at required spacing and frame around square or round headed bolts and nuts or by screws.including applying a priming coat of red lead paint and two coats of oil painting	3232.08	Kg	111.610	360732.45

32	Applying two coats of Birla (white cement based) or (acrylic lapy- putty) or equivalent & 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. with Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	801.00	Sq.Mt.	161.460	129329.46
33	Applying two coats of Birla (white cement based) or (acrylic lapy- putty) or equivalent & two coats of primer of approved brand and manufacture on new Ceiling surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth. Ceiling painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated Ceiling surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	275.40	Sq.Mt.	166.870	45956.00
34	Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete. Priming: Apply a liberal coat of exterior acrylic primer and allow it to dry for 4-5 hours.	1046.94	Sq.Mt.	160.590	168128.09

35	'Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc. consisting of following operations. (a) Applying and grouting a slurry coat of neat cement u', brick bats is finally covered by jointless cement plaster 20mm th. in C.M. 1:4 added with special water proofing compound confirming to IS:2645 & top smooth finished with trowel with false chequered marking of 300 mm.size.The treatment is carried along	326.34	Sq.Mt.	854.460	278844.48
36	Providing and constructing sandwich type Granite stone top & bottom Kota Stone platform 0.6 mt. wide & 0.75 mt. height, including front granite stone patti and top granite skirting pati, vertical partitions of Kota stone and Edge vertical granite stone on Both sides with cement Mortar(1:1) as required comp as per drawings and Instruction of Engineer incharge.	17.40	Sq.Mt.	8290.080	144247.39
37	Providing and fixing wash down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour, Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nom.nal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia.porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour, Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover. With Jet spray heavy	6.00	No.	4248.450	25490.70

38	Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mm dia., Providing and fixing pillar tap, stop tap, bottle trap etc.	12.00	No.	2463.460	29561.52
39	Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I. screed down or hinged grating including the cost of cutting and making good the walls.	24.00	No.	571.080	13705.92
40	Providing and fixing screw down bib taps of following size. (A) Brass screw down bib tap polished bright. (i) 15mm dia.	42.00	No.	186.830	7846.86
41	Providing & fixing of overhead shower 80 mm (3") dia with 3 flow with Overhead Shower arm 200 mm with wall flange complete (i) 15mm dia., Providing and fixing brass screw down stop tap. (A) 15mm dia.	6.00	No.	2030.100	12180.60
42	Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same (C) S.S. & Sink. (i) 600mm x 450mm x 150mm size with Providing and fixing C.P. brass waste for washbasin or sink, pillar tap, stop tap, bottle trap etc.	6.00	No.	3158.530	18951.18
43	Providing and fixing Gun metal check or non-return fullway wheel valve. 25mm. dia.	12.00	No.	420.630	5047.56
44	Providing and fixing Gun metal check or non-return fullway wheel valve. 40mm. dia.	12.00	No.	663.430	7961.16
45	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete. (ii) 25mm dia.	6.00	No.	263.770	1582.62
46	Providing and fixing ball cock of approved. quality as directed. (A) Copper Metal (A) 25mm. dia.	6.00	No.	132.890	797.34

47	Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	36.00	Rmt	72.650	2615.40
48	Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	72.00	Rmt	91.840	6612.48
49	Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings 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 concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials.	120.00	Rmt	195.670	23480.40
50	Providing, laying and jointing in true line and level 110 diameter 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 ISI 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 diameter x 149 mm length x 145 mm height at every 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.	72.00	Rmt	836.730	60244.56

51	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	6.00	No.	1246.920	7481.52
52	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating with frame complete.	12.00	No.	2017.190	24206.28
53	'Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm ² in C.M. 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.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line.	12.00	No.	2932.930	35195.16
54	'Providing & fixing G.I. Rain water spout of 50 mm.dia & 30 cm length etc.	24.00	No.	101.910	2445.84
55	Providing and fixing in position cowel went to pipes.(C) 100mm dia	6.00	No.	501.870	3011.22
56	'Providing erecting and fixing double coated PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc. complete on terrace.	3000.00	Ltr	3.950	11850.00
57	Providing Sock pit of 5.0 Cum Volume (internal diameter of 1.50 meter) including Excavation and filling brick bats with dry masonry work attop for 45cm height including covering the top with R.C.C. SLab with One Man hole and C.I. cover of 0.60 x 0.45m , including providing vatas in Cement Motar 1:3 with the finishing curing and necessary connection with the septic tank outlet etc complete as directed by Engineer in charged.	6.00	No.	25286.360	151718.16

58	Providing septic tank of inside dimensions(2.5 mt. x 2.0 mt.x 1.5 mt.) as Directed by incharge with brick masonry of CM 1:6 the foundation floor with 1:5:10 B.B.C.C. finished with 15 mm C.P. in C.M. 1:4 root cover of R.C.C. slab including connection pipe from inlet and outlet etc.comp.	6.00	No.	40419.190	242515.14
59	Providing of Bala Work for Anganwadi like Wall paintings on inside and outside walls upto the Slab height or lintel height, Measurements - vertical Scale Paint, Wall arts, Black board, Drawings of Animal, birds, Vegetables, Nutrition chart,Days-Months, Making Yojana Logo Board with all the deatils, writing building name in paint on the front side, etc complete as per Annexure (A) & as per Directed by Engineer in charged.	6.00	Job	30300.000	181800.00
60	'Providing, erecting & Fixing Fibre Fabricated make children Slide fit for children age group coming to Anganwadi and approved by Engineer in charge, in the playground of approved brand and quality at the site ad directed by engineer in Charge	6.00	No.	10100.000	60600.00
61	Providing, erecting & Fixing Fibre Fabricated make children Swing for children age group coming to Anganwadi and approved by Engineer in charge, in the playground of approved brand and quality at the site ad directed by engineer in Charge	6.00	No.	11110.000	66660.00
62	Providing Cello/Nikamal two Seat polypropelene Plastic Junior Well finished Study/Play Table with Chairs for Kids from 3-10 Years (Attractive colours like RED/Yellow/Green) with all necessary charges and taxes as Directed by the Engineer in charged.	30.00	No.	3030.000	90900.00
63	Supplying & installing of Dry Chemical Powder type 6 Kg. Capacity fire extinguisher as per I.S. 2171 ISI. Mark with necessary fittings etc. complete.	12.00	No.	2525.000	30300.00

64	Providing and fixing kitchen platform trolley having three drawers of SS (IS 304) of required size like thali, katleri, perforated, partition, cupsosar type in kitchen platform having drawer front side and backside by using 19mm thick all proof plywood of (IS 710) quality all side laminated etc. as directed. The size of SS (IS 304) basket of size 4" to 18" for thali, dish, katleri, perforated, partition, cupsosar type as directed including necessary	14.46	Sq.Mt.	17281.100	249884.71
65	'Providing Office table with wooden top of approved brand Ply base of appropriate thickness of required dimensions with base support made up of Waterproof Ply of approved Brand(ISI make) on site with all necessary fittings , Fixtures like handles and adhesives,etc complete of design directed by Engineer incharged	6.00	No.	5555.000	33330.00
66	Providing Chair with armrest with leather /PVC / Mesh finish and proper cushion on site with all necessary fittings , Fixtures and adhesives,etc complete of design directed by Engineer incharged	12.00	No.	4040.000	48480.00
67	Providing and fixing of Polished Kota Stone / Kadapa for making Horizontal Shelves on wall using appropriate adehsive/motar and making appropriate vertical supports wherever necessary in brickwork or Kota Stone and and jointed with gray cement slury mixed with pigment to match the shade of slab and making the site cleaning as original with all necessary material and labour charges etc complete as per design directed by Engineer incharged	18.18	Sq.Mt.	1089.670	19810.20
					7675924.52
					7675924.52

I/We am/are willing to carry out the work at...% above/below percent(Should be written in figures and words) of the estimated rate mentioned above. Amount of my /our tender works out as under.

Estimated amount put to tender
Deduct.....% below
Net
In words

Estimated amount put to tender
Add.....% Above
Net
In words

Note :- 1

All works shall be carried out as public works department Handbook and other specification of Division or as directed.

Note :- 2

All the columns in schedule should be filled in ink or ballpen and the total of the entries in last column should be struck by the contractor under his signature.

Note :- 3

Rate quoted include clearance of site (Prior commencement of work and at its close) in all respects and hold good for work under all conditions, site moisture, weather etc.

Note :- 4

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.

Note :- 5

The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

Note :- 6

GST and Income tax TDS will be deducted at a source while making payments of bills

Note :- 7

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.

Note :-8

To be continued on additional sheet, if found necessary.

Deputy Executive Engineer
Panchayat (R&B) Sub.Division
Umargam

Executive Engineer
Panchayat (R & B) Division
Valsad