

Name of work :- CONSTRUCTION OF VARIOUS ANGANWADI BUILDING OF PARDI TALUKA , DIST-VALSAD (PKG-1) (3-Anganwadi) [1.] Mota Waghchhipa Ambachiya Ta. Pardi Dist. Valsad. [2.] Mota Waghchhipa Harjinwas Ta. Pardi Dist. Valsad. [3.] Parwasa Patel Falia Ta. Pardi Dist.

:: BILL OF QUANTITIES ::

Sr. No.	Estimated Quantity but may be more or less	Item of work	Estimate Rate	Unit	Total amount according to estimated quantities.
			In figures		
1	2	3	4	6	7
1	46.80	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	149.83	Cu.mt	7012.04
2	23.40	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	162.56	Cu.mt	3803.90
3	28.50	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)	130.39	Cu.mt	3716.12
4	76.41	Providing & filling in plinth with murrum or yellow soil or selected soil in layers of 20 cm. Thickness. Incl. watering, ramming & consolidation etc. complete.	289.06	Cu.mt	22087.07
5	13.50	Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete	460.19	Cu.mt	6212.57
6	22.08	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	3313.29	Cu.mt	73157.44
7	13.62	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	4683.40	Cu.mt	63787.91
8	4.08	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	8577.93	Cu.mt	34997.95

9	6.75	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	8542.58	Cu.mt	57662.42
10	1.14	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 All Types of Column D) Column, Pillers, posts and struts, upto First Floor	8582.98	Cu.mt	9784.60
11	19.56	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	6637.72	Cu.mt	129833.80
12	12.00	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	6599.34	Cu.mt	79192.08
13	15.87	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	6167.06	Cu.mt	97871.24
14	0.81	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	6788.21	Cu.mt	5498.45
15	7788.00	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).	76.23	Kg .	593679.24
16	99.69	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	4295.99	Cu.mt	428267.24

17	10.65	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	4336.18	Cu.mt	46180.32
18	34.02	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	716.37	Cu.mt	24370.91
19	400.29	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	171.80	Cu.mt	68769.82
20	137.49	Providing & laying10 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	153.67	SMT.	21128.09
21	523.47	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.	300.66	SMT.	157386.49
22	18.00	Providing throating or plaster drip and moulding to R.C.C. Chhajja.	42.17	RMT.	759.06
23	29.76	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.	2234.12	SMT.	66487.41
24	44.07	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 an	2486.62	SMT.	109585.34
25	166.02	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.	1073.13	SMT.	178161.04

26	103.62	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.	1141.45	SMT.	118277.05
27	12.90	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..	3122.92	SMT.	40285.67
28	4.92	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 filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. 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 & alluminium S.S fixtures & fastenings & fastener sleeve.	2615.04	SMT.	12866.00
29	19.50	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	3477.63	SMT.	67813.79

30	3.00	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	2525.00	SMT.	7575.00
31	1616.04	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	111.61	Kg.	180366.22
32	400.50	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.	161.46	SMT.	64664.73
33	137.70	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.	166.87	SMT.	22978.00
34	523.47	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.	160.59	SMT.	84064.05

35	163.17	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	854.46	SMT.	139422.24
36	8.70	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.	8290.08	RMT.	72123.70
37	3.00	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 duty with S.S. Braided hose	4248.45	No	12745.35

38	6.00	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) 32mmdia., Providing and fixing pillar tap, stop tap, bottle trap etc.	2463.46	No	14780.76
39	12.00	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.	571.08	No	6852.96
40	21.00	Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia.	186.83	No	3923.43
41	3.00	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.	2030.10	No	6090.30
42	3.00	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.	3158.53	No	9475.59
43	6.00	Providing and fixing Gun metal check or non-return fullway wheel valve. 25mm. dia.	420.63	No	2523.78
44	6.00	Providing and fixing Gun metal check or non-return fullway wheel valve. 40mm. dia.	663.43	No	3980.58
45	3.00	Providing and fixing chromium plated brass half turn flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia.	263.77	No	791.31
46	3.00	Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (A) 25mm. dia.	132.89	No	398.67

47	18.00	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.	72.65	RMT.	1307.70
48	36.00	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.	91.84	RMT.	3306.24
49	60.00	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.	195.67	RMT.	11740.20
50	36.00	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 high 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.	836.73	RMT.	30122.28

51	3.00	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	1246.92	No	3740.76
52	6.00	Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete.	2017.19	No.	12103.14
53	6.00	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 intenal 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 slabe 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.	2932.93	No	17597.58
54	12.00	Providing & fixing G.I. Rain water spout of 50 mm.dia & 30 cm length etc.	101.91	No.	1222.92
55	3.00	Providing and fixing in position cowl went to pipes.(C) 100mm dia	501.87	No.	1505.61
56	1500.00	Providing erecting and fixing double coated PVC. (ISI) water tank of required capacity each with all necessary fittings and connection etc.	3.95	Lit	5925.00
57	3.00	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.	25286.36	No	75859.08

58	3.00	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.	40419.19	No	121257.57
59	3.00	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.	30300.00	Job	90900.00
60	3.00	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	10100.00	No	30300.00
61	3.00	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	11110.00	No	33330.00
62	15.00	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.	3030.00	Nos	45450.00
63	6.00	Supplying & installing of Dry Chemical Powder type 6 Kg. Capacity fire extinguisher as per I.S. 2171 ISI. Mark with necessary fittings etc. complete.	2525.00	Nos	15150.00

64	7.23	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 S.S. fittings, handles, nobs, telescopic channels, etc. as directed	17281.10	Sqm	124942.35
65	3.00	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	5555.00	No	16665.00
66	6.00	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	4040.00	Nos	24240.00
67	9.09	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	1089.67	Sqm	9905.10
				Total Rs. :-	3837962.26
#NAME?					

Deputy Executive Er Executive Engineer
Panchayat (R & B) Suknchayat (R&B) Division
Pardi Valsad.

I/we am/are/ willing to carry out the work at% below / Above

.....percent below / Above

(should be written in figures and words)

Tendered amount mentioned above amount of my / our tender works out as under.

Tendered Amour **3837962.26**

Tendered Am **3837962.26**

Deduct..... % below Rs.....

Add.....% Above Rs.....

Net Amount Rs.....

Net Amount Rs.....

Net Amount in words in Rs.....

Special Note :-

Contractor Shall give only rebate in tendered amount mentioned above and contractor shall state " NIL" Percentage, if no reduction is offered.

Note :- 1 All works shall be carried out as public works department Handbook and other specification of Division or as directed.

બધું જ કામ બાંધકામ વિભાગની પુસ્તિકા અને ડિવિઝનની બીજી ખાસ વિગત મુજબ અથવા સૂચના - માણે કરી આપવાનું રહેશે.

નોંધ :- ૧

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.

અનુસૂચિમાં બધા ખાનાની વગતો સહીથી ભરવી અને છેલ્લા ખાનાની નોંધોનો સરવાળો કરી કંટ્રાક્ટરે પોતાની સહી કરવી.

Note :- 3 Rate quoted include clearance of site (Prior commencement of work and at its in all respects and hold good for work under all conditions,site moisture, weather

ટાંકેલા દરમાં, સ્થળની (કામના આરંભે અને પુરૂ થાય તે વખતે) દરેક રીતે સાફસૂફી કરવાનો સમાવેશ થાય છે.

નોંધ :- ૩

અને તે દર તમામ પરિસ્થિતિ, સ્થળ, ભેજ, હવામાન વગેરે હેઠળ કામ માટે અમલમાં રહેશે.

Note :- 4 To be continued on additional sheet,if found necessary.

નોંધ :- ૪ જરૂર જણાય વધારાના કાગળો જોડી ચાલુ રાખવું.