

Name of Work:-ICDS YEAR 2026-27 Const. of Aganwadi Kendra at Village Kohli-1 Ta. Vyara Dist.Tapi.

:: BILL OF QUANTITY. ' ::

Percentage Rate Tender

It. No.	Description of Item (with brief Specification and reference to book of specifications)	Quantity	Unit	Rate In Figures	Amount
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.(C) Hard Murrum	37.97	Cum.	262.52	9967.88
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. (D) Soft rock not requiring Blasting	7.11	Cum.	291.09	2069.65
3	Filling available excavated earth (excluding rock in trenches plinth, slides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering)	22.54	Cum.	133.65	3012.47
4	Filling in foundation and plinth with murrum or selected soil in layers of 20cm thickness including watering ramming and consolidating etc. complete	12.39	Cum.	296.29	3671.03
5	Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth (more than 10 ton)	10.82	Cum.	3786.47	40969.61
6	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. (more than 10 ton)	6.31	Cum.	4330.31	27324.26
7	Providing and laying controlled cement concrete M-200 and curing complete including the cost of form work but excluding cost of reinforcement for reinforced concrete work for Column upto plinth level.	1.14	Cum.	8792.43	10023.37
8	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (more than 10 ton)	3.85	Cum.	6366.46	24510.87
9	Brick work using common burnt clay building brick having crushing strength not less than 35 kg/sq. cm. in foundation and plinth in cement mortar 1:6 (1 Cement: 6 fine sand) (B) Convention	0.98	Cum.	4121.55	4039.12
10	Providng TMT bars reinforcement of FE 500/500D for R.C.C. work including bending binding and placing in position complete for all floor.	3488.73	kg	77.29	269643.94
11	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (more than 10 ton)	3.40	Cum.	9446.48	32118.03
12	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. (more than 10 ton)	0.33	Cum.	9867.64	3256.32
13	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	3.67	Cum.	6898.20	25316.39

14	Providing laying controlled cement concrete M 200 R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement	0.21	Cum.	9469.43	1988.58
15	Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. (more than 10 ton)	5.75	Cum.	7090.76	40771.87
16	Brick work using common burnt clay building brick having crushing strength not less than 35 kg/sq. cm. in super structure above plinth level up to floor two level in cement mortar 1:6 (1 Cement: 6 fine sand) (B) Convention for G.F	22.07	Cum.	4403.40	97183.04
17	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) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional	11.19	Sqmt	679.79	7606.85
18	Providing and laying Machine cut, Free edges, Machine polished Granite stone slab 18 mm thick Single Piece For doors and Windows Cill and Jambs Cladding as per design including Full moulded Round front edge and 1 cm nosing and laid on 20 mm thick cement mortar 1:6 (1 cement : 6 coarse sand) and jointed with gray cement slurry including rubbing and polishing etc. complete (As per R.A.)	13.76	Sqmt	2506.92	34495.22
19	Providing and fixing 35mm thick factory made moulded door shutter consisting of solid core single/two leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing	5.82	Sqmt	2152.31	12526.44
20	Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt , horizontal Three track member size 92mm x 31.75mm x 1.30mm,@ Wt.1.07 Kg/mt , vertical member of size 92mm x 31.75mm x 1.50mm @ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/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	6.91	Sqmt	1583.95	10945.09
21	Providing & fixing M.S. grill / M.S. door of required pattern to wooden frames of windows/ brick masonry with necessary M.S. angle, M.S. pipe, M.S. flats and other structural steel at required spacing and frame alround square or round bars with round headed bolts and nuts or by screws (Plain Grills) Including primer coat of approved quality and two coats of oil paintings etc. complete as directed.	142.06	kg	160.59	22813.42

22	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)	172.04	Sqmt	172.83	29733.67
23	Providing 10mm thick cement plaster in single coat on brick/conceret wall for interior plastering finished even and smooth (ii) cement mortar 1:3(1 cement:3 sand) and mala trovel finished etc. complete.GF	43.65	Sqmt	144.79	6319.50
24	20 mm thick sand faced cement plaster with on wall upto all height above ground level consisting 12 mm thick backing coat of c.m. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of cm 1:1 (1 cement : 1 sand) etc. complete.all height etc. complete.	118.47	Sqmt	337.52	39985.99
25	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 finised with flush pointing & cleaning the surface etc. complete for light shade	49.31	Sqmt	1059.83	52260.22
26	Providing and laying white glazed tiles 6mm thick 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	30.69	Sqmt	922.88	28323.19
27	Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 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	10.52	Sqmt	1015.82	10686.43
28	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.	49.30	Sqmt	765.97	37762.32

29	<p>(A) Providing and laying internal cement based water proofing treatment including preparation of surface as required for tretment of roofs, balconies, terrace,etc. consisting of following operations.</p> <p>(a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS : 3645 over the R.C.C. slab including cleaning the surface before tretment.</p> <p>(b) Laying cement concrete using brocken bricks/brickbats 25 mm to 100 mm size with 50% of cement mortar 1:5 admixed with proper water proofing compound confirming to IS : 2645 over 20 mm thick layer of cement mortar of mix 1:5 admixed with proprietary water proofing compound confirming to IS : 2645 to required slope and treting simillary the adjoining walls up to 300 mm height including of junction of walls and slabs.</p> <p>(c) After two days of proper curing applying a second coat of cement slurry admixed with proprietary water proofing compound confirming to IS : 2645.</p> <p>(d) Finishing the surface with 20 mm thick joinless cement mortar of mix 1:4 admixed with proprietary water proofing compound confirming to IS : 2645. and finally finishing the surface with neat cement slurry and making of 300 x 300 mm square.</p> <p>(e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curring and for final test. all above operations to be done in order and as directed and specified by the Eng-in-charge.</p>	49.30	Sqmt	898.50	44296.05
30	Finishing wall with water proofing cement paint of on wall surface (Two coats) to give an approved brand manufacture and of requred shape even shade after throughly brushing of loose powered materials.	118.47	Sqmt	117.40	13908.38
31	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture with 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 along ceilings and sloping roofs.	215.69	Sqmt	86.92	18747.77
32	Providing & laying and jointing in true line and level 40 mm dia UPVC pipe (SCH-40) line including fitting make or equivalent as approved by engineer in charge the pipe shole be fixed on wall with the hel of clam at every two mtr center to center or shall be conseled as direct including necessesary fitting etc including testing of pipe and jointes and fixin the sam with adhesive solvent including cost of matarial (A) 40 mm OD pipe	20.00	rmt	447.72	8954.40
33	Providing & laying and jointing in true line and level 25 mm dia UPVC pipe (SCH-40) line including fitting make or equivalent as approved by engineer in charge the pipe shole be fixed on wall with the hel of clam at every two mtr center to center or shall be conseled as direct including necessesary fitting etc including testing of pipe and jointes and fixin the sam with adhesive solvent including cost of matarial (A) 25 mm OD pipe	15.00	rmt	91.84	1377.60

34	Providing & laying and jointing in true line and level 15 mm dia UPVC pipe (SCH-40) line including fitting make or equivalent as approved by engineer in charge the pipe shall be fixed on wall with the help of clamp at every two meter center to center or shall be concealed as direct including necessary fitting etc including testing of pipe and joints and fix in the same with adhesive solvent including cost of material (A) 15 mm OD pipe	15.00	rmt	72.65	1089.75
35	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) including Providing and fixing plastic seat and cover for wash down water closet with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover including 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 nominal 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 . (A) vitreous China Pattern :(i) in white colour	1.00	Nos.	3998.02	3998.02
36	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, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia., Providing and fixing brass screw down stop tap. (A) 15mm dia. (A) Vitreous China: (ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour.	1.00	Nos.	1485.41	1485.41
37	Providing and fixing screw down bib taps of following size. (B) Brass chromium plated screw down Bib Tap. (i) 15mm dia	3.00	Nos.	186.83	560.49
38	providing and fixing cast iron (spun) manhole trap of the following nominal dia of self cleaning design with C L screwed down of hinged grating including cost of cutting and making good the walls floors 100 mm inlet and 50 mm outlet etc complete	2.00	Nos.	635.91	1271.82
39	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	Nos.	1246.92	2493.84
40	providing and fixing cast iron spigot and socket soil waste and ventilating pipe of the following nominal size 75 mm dia.	8.00	rmt	741.01	5928.08
41	providing and fixing cast iron spigot and socket soil waste and ventilating pipe of the following nominal size 100 mm dia.	10.00	rmt	892.39	8923.90
42	providing and fixing in position cowl vent to pipe (II) 100mm	2.00	Nos.	505.17	1010.34
43	Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length.	2.40	rmt	101.91	244.58

44	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 lin	1.00	Nos.	2932.93	2932.93
45	Constion of Khar kuva of external dimentions 2.9 x 1.98 x 1.5 mt. depth with 1:3:6 PCC along with 0.23 mt thk. brickwork, Top RCC Slab of 2.6 x 1.7 mt. along with 15 mm plaster on inside faces with necessary CI MH, Inlet outlet arrengments, 2 nos of CI Inspection chamber & provideing a soak pit of 5.0 cmt Volumn. The Soakpit shall be filled with brick bats with dry masonary work upto top for 45 cm and it should be coverd with Man Hole. The entire work is to be executed according to the nstructions, given by the Engineer Incharge.	1.00	Nos.	37501.78	37501.78
46	Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace	1000.00	liter	3.95	3950.00
47	Providing and fixing post and pipe railing as per detailed drawing including 3 coats of painting to steel works complete.	9.00	rmt	1213.99	10925.91
48	Providing and Fixing SS 304 Foldable Checking bed having size 1.50 X 0.60 X 0.75 mm including using of 25mm dia pipe, SS 2mm thick, matter of 25.4 (1") of 40 density, cover with regine cloth of approved quality etc completed as directed by Engineer	1.00	Nos.	6060.00	6060.00
49	Providing and Placing IT wood writing table having size 1.50 X 0.75 X 0.75 mt with one side drawer with using of 19mm thick WP wood, top cover with 1 mm thick wood type Formica including using of all necessary material & labour etc completed as directed by Engineer incharge	1.00	Nos.	15150.00	15150.00
50	Providing and fixing Fabric cloth Curtain having length 1.8 mtr for covering of checking area including using of alluminum sliding channel etc complete as directed by Engineer incharge	6.75	rmt	858.50	5794.88
51	Providing and Fixing of SS 304 Hanger for bag including using all necessary materials like SS rail, screw etc completed as directed by Engineer Incharge.	20.00	Nos.	252.50	5050.00
52	Providing and Fixing pin cushion display board having size 1.20 X 0.75 mt including using of alluminum section frame, 18mm thick WB plywood, nevy blue Cushion cloth pin etc completed as directed by Engineer Incharge.	1.00	Nos.	606.00	606.00
53	Providing and fixing PVC modular kitchen cabinet consisting of base and wall units, made from high quality rigid PVC boards (minimum 15–18 mm thick), including shutters, shelves, drawers, SS hinges, telescopic channels, handles, magnetic locks, necessary fittings, cutting, fixing, complete as per design and direction ofby Engineer Incharge.	2.32	Sqmt	7575.00	17574.00

54	Providing and fixing foldable MS ladder having 0.90mt wide & 3.60mt long including rod hinge arrangement at middle with ladder including one coat of red oxide & two coats of oil paint etc completed as directed by Engineer incharge	48.60	kg	110.76	5382.94
55	Providing and fixing of hook of 10mm or 12mm dia including drilling hole, fixing of male- female thrade fastner sealing the same with appoxy compound, finishing the same etc complete as directed by Engineer incharge	1.00	Nos.	303.00	303.00
56	Providing and fixing medical device & equipment standio meter height measuring scale 2.10mt long including fixing in wall with using of all heavy SS screw, rail etc complete as directed by Engineer incharge.	1.00	Nos.	1414.00	1414.00
57	Providing and supplying standard PVC (Polyvinyl chloride) Chair with handle of approved design and make as directed by Engineer incharge.	2.00	Nos.	1010.00	2020.00
58	Providing and supplying standard PVC (Polyvinyl chloride) Stool having size 3.75 X 0.60 X 0.45mtr of approved make as directed by Engineer incharge.	2.00	Nos.	606.00	1212.00
59	Providing & fixing ABC type fire extinguisher 4 kg ISI marked complet	1.00	Nos.	1515.00	1515.00
60	Providing and supplying Additonal Building Work (Utility Area, Additional Stoage in Main Hall and Store Room+ Additional Exterior Development (Outer Graphics Paintings) as directed by Engineer incharge.	1.00	LS	75000.00	75000.00
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					1196007.640

I / Weam / are willing to carryout 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

Rs.....

Net

Rs.

In words

*(please strike out whichever is not applicable)

*Estimated amount put to tender

Add% Above

Total Rs.

In words

- 1 The Contractor shall exhibition board with detailed specification and details of works directed by the Engineer – In – Charge for which no extra payment shall bemade.
- 2 The labourcess 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 the reisa 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.

Signature of the contractor

Executive Engineer
Panchayat (R & B) Division
Tapi