

Name of Work:-New Gujarat Petern Yojna (sadar: 2202 - Samanya Sixan) Construction of "1 Class room" at village Sadadun Primary School Ta.Songadh 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	54.00	Cum.	262.52	14176.08
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	12.60	Cum.	291.10	3667.86
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)	19.98	Cum.	133.66	2670.53
4	Filling in foundation and plinth with murrum or selected soil in layers of 20cm thickness including watering ramming and consolidating etc. complete	36.94	Cum.	296.30	10945.32
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)	3.03	Cum.	3786.47	11473.00
6	Providing and laying controlled cement concrete M.250 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)	9.81	Cum.	4668.22	45795.24
7	Providing and laying controlled cement concrete M-250 and curing complete including the cost of form work but excluding cost of reinforcement for reinforced concrete work for Column upto plinth level.	2.22	Cum.	8922.83	19808.68
8	Providing and laying controlled cement concrete M.250 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)	6.20	Cum.	6413.55	39764.01
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	3.34	Cum.	4121.55	13765.98
10	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)	8.95	Cum.	4156.52	37200.85

11	Providing TMT bars reinforcement of FE 500/500D for R.C.C. work including bending binding and placing in position complete for all floor.	6612.72	kg	77.29	511097.13
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)	4.39	Cum.	8698.76	38187.56
13	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)	1.61	Cum.	8780.94	14137.31
14	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)	5.56	Cum.	6904.25	38387.63
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)	2.38	Cum.	6869.01	16348.24
16	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	0.18	Cum.	9469.44	1704.50
17	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)	10.36	Cum.	6988.09	72396.61
18	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)	2.36	Cum.	7029.60	16589.86
19	Providing and laying Controlled Cement Concrete M 200 and curing complete including the cost of formwork but excluding the cost of reinforcement for reinforced concrete work in R.C.C. Stair Cases	2.57	Cum.	7634.29	19620.13

20	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	20.31	Cum.	4403.40	89433.05
21	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 F.F	15.56	Cum.	4685.25	72902.49
22	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.)	10.35	Sqmt	2506.93	25946.73
23	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	7.56	Sqmt	2152.31	16271.46
24	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	4.50	Sqmt	1583.96	7127.82

25	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 around 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.	215.00	kg	160.59	34526.85
26	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)	234.70	Sqmt	172.84	40565.55
27	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	110.93	Sqmt	144.80	16062.66
28	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.	213.01	Sqmt	337.53	71897.27
29	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 dismentaling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade (more than 10 ton)	83.94	Sqmt	1432.78	120267.55
30	Providing Green Marble for Stair Toppa & Riser storage cabat partion,self complate with material like cement,marble,camical etc complate including all Labour work complate as per drawing and direction by Site Engineer	23.18	Sqmt	2518.94	58389.03

31	<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</p>	78.79	Sqmt	898.50	70792.82
32	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 throughtly brushing of loose powered materials.	213.01	Sqmt	117.41	25009.50

33	Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture with on undecorated wall surface to give an even shade including thoroughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth along ceilings and sloping roofs.	345.63	Sqmt	86.93	30045.62
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					1606974.920

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