

**NAME OF WORK: Construction of New Central Vaccine Cum Medicine Store & Compound wall At Animal Husbandary At Harij. TA. Harij , Dist. Patan.**

BILL OF QUANTITIES/QUANTITY STATEMENT					
It. No.	Item Of Work	Quantity	Unit	Rate	Amount
1	Item No. 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.(A) Loose or soft soil.(A) Loose or soft soil.(S.O.R. P.No. 69 I. No. 04B001A)	129.500	Cu.mt.	212.5242	27521.8839
2	Item No. 2 Providing and laying Cement concrete 1:4:8 (1 cement:4 coarse sand:8 Graded Stone Agg. 40 mm nominal Size ) & Quaring etc. complete. Excluding cost of form work in (A)Foundation & Plinth (R.A.)	28.600	Cu.mt.	2723.11	77880.95
3	Item No- 3 Brick work using common burnt clay building bricks 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) Conventional SOR P. No.86 It. No. 06002BA)	58.500	Cu.mt.	3708.9826	216975.4821
4	Item No. 4 Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering. (S.O.R.P.No.67 I. No.04006A)	46.400	Cu.mt.	137.4711	6378.6590
5	Item No. 5 Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. (S.O.R.P.No.67 I. No.04008A)	20.000	Cu.mt.	273.8615	5477.2300
6	Item No. 6 Filling in plinth with sand under floors incl. watering ramming consolidating and dressing etc.comp. (S.O.R.P.No.67 I. No.04007A)	5.000	Cu.mt.	429.2399	2146.1995
7	Item No- 7 Brick work using common burnt clay building bricks 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) Conventional (SOR P. No.86 It. No. 06002BA and SOR P. No.87 It. No.06006B)	91.300	Cu.mt.	4004.1248	365576.5942

8	Item No- 8 Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled. (SOR P.104/10030B)	5.000	Smt.	5338.3045	26691.5225
9	Item No. 09 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 mmx18mmx1.29mm @ 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 perdetails etc(SOR P. No. 121 I. No. 11027)	6.000	Smt.	1583.9527	9503.7162
10	Item No.10 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 (SOR P. no. 75 It. No. 05024AA)	15.000	Cu.mt.	3874.2792	58114.1880
11	Item No- 11 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Plinth Beam & Coping (SOR P. No. 71 It. No. 5024CA)	9.700	Cu.mt.	4415.3058	42828.4663
12	Item no- 12 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) lintel (SOR P.No.78 It. No. 5024CA)	7.700	Cu.mt.	4399.6610	33877.3897
13	Item no. 13 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Chajia (SOR P.No.78 It. No. 5024CA)	3.000	Cu.mt.	4399.6610	13198.9830

14	Item No- 14 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Column (SOR P.No.78 It. No. 5024DA)	3.000	Cu.mt.	4505.0646	13515.1938
15	Item No- 15 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Beam (SOR P.No.78 It. No. 5024CA)	5.000	Cu.mt.	4399.6610	21998.3050
16	Item No- 16 Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Slab (SOR P.No.78 It. No. 5024CA)	8.000	Cu.mt.	4399.6610	35197.2880
17	Item no- 17 Providing TMT Bar FE500D reinforcement for R.C.C.work including bending, binding and placing in position complete upto floor two level (SOR P. No. 73 It. No. 05014C )	3694.000	kg.	77.2852	285491.5288
18	Item No. 18 Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slury mixed with pigment to match the shade of slab including rubbing and polishing etc. complete(SOR P.133. I. no. 14013A)	6.000	Sq.Mt.	1184.6391	7107.8346
19	Item No. 19 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(SOR P.135. I. no. 14022A)	56.000	Sq.Mt.	1546.8453	86623.3368

20	<p>Item no. 20 Providing and laying integrated cement based water proofing treatment of required thickness over the roof including 10mm thick waterproofing cement plaster in cement plaster in cement mortar 1:3 and chaina mosaic fitting and finally finishing the surface with white cement slurry and slopping out terrace slabs with following specification laid to required slope not flatter than 1:80 (the thickness of water proofing treatment near rainwater outlet or the lowest point of the finished slope shall not be less than 45mm, including treating the vertical surface of the parapet wall up to 20cms. height above finished level of terracing including finishing the top with joint less water proofing plaster, curing, testing etc. complete. Rate is including ten years performance of guarantee bond to be given on stamp paper. (No extra shall be paid for increase in thickness for proper slope).</p> <p>(A) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm. of cement admixed with properly water proofing compound conforming to IS -2645 and 10 mm thick water proofing cement plaster in Cement mortar 1:3 over the R.C.C. slab incl. cleaning the surface</p>	61.000	Sq.Mt.	976.4276	59562.0836
21	<p>Item no. 21 Provdlg. 10 mm thick Cement plaster in single coat on brick/concrete walls for interior plastering up to floor two level &amp; finished even &amp; smooth in (1) cement mortar 1:3 (1 cement : 3 sand) (SOR P. no. 141 I. No. 17001A + P. 142 It. No. 17006)(140.51+27.03)</p>	200.600	Sq.Mt.	169.2154	33944.6092
22	<p>Item No. 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 (i) Cement mortar 1:3 (1-cement:3-sand) (S.O.R. P. 141 It. No. 17002A)</p>	741.200	Sq.Mt.	188.9811	140072.7913
23	<p>Item No. 23 Distempeing (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth. matter.(SOR P. No. 146 I. No. 18021)</p>	807.600	Sq.Mt.	80.3253	64870.7123

24	Item No. 24 Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture 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(S.O.R. P. 147 It No. 18031)	134.200	Sq.Mt.	88.3851	11861.2804
25	Item No- 25 Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame alround, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. (S.O.R PG No.-103 It No.-10025AA)	288.000	Kg.	114.4431	32959.6128
26	Item No- 11Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters	1.215	Qtl.	5889.5019	7155.7448
27	Item No- 12 16G Make Tata Double twisted barbed wire, gauge 16, barb spacing 4". four horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 K.G. per 100 metre strained and fixed to posts with G.I. staples, including fixing the posts in coping of compound	0.507	Qtl.	5820.3371	2950.9109
					<b>1689482.50</b>
				<b>Total Rs.</b>	<b>1689483.00</b>

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 Rs.....  
Add.....% Above Rs.....  
Net Rs.....  
In words.....

Signature of Contractor

Deputy Executive Engineer  
Panchayat R & B Division  
Sami

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

Executive Engineer  
Panchayat R & B Sub Division  
Patan

**Notes 1** - 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.

**Notes 2** - The labour cess will be deducted as per prevailing rules i.e. 1% of the work done.

**Notes 3** - GST and Income tax TDS will be deducted at a source while making payments of bills.

**Note 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 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.