

Name of Work :- Construction of Prayer Hall at Village Galkotadi Tal.Babra Dist. Amreli

Bill of Quantities

Memorandum showing items of works to be carried out

Item No.	Quantities Estimated but may be more or less.		Item of work	Estimated Rates		Unit	Total amount according to estimated
				In Figure Rs. Ps	In Words.		
1	44.000	Cum	Excavation for foundation upto 1.50 M.depth including sorting out & stacking of useful materials i.e. disposing the excavated stuff up to all lead (a) Loose or soft soil.	212.52	Rupees Two Hundred Twelve and Paise Fifty Two only	One Cubic metre	9350.88
2	29.100	Cum	Excavation for foundation upto 1.50 M.depth including sorting out & stacking of useful materials i.e. disposing the excavated stuff up to all lead (a) Dense or Hard soil.	272.57	Rupees Two Hundred Seventy Two and Paise Fifty Six only	One Cubic metre	7931.78
3	15.900	Cum	Providing and laying cement concrete 1:4:8 (1 cement, 4 sand, 8 machine crushed stone aggregates 40 mm. Nominal size) and curing complete, excluding cost of formwork in (a) Foundation and Plinth	2927.46	Rupees Two Thousand Nine Hundred Twenty Seven and Paise Forty Six only	One Cubic metre	46546.61
4	9.700	Cum	Providing and laying ordinary cement concrete 1:1.5:3 (1 cement, 1.5 sand, 3 graded stone aggregates 20 mm. Nominal size) and finishing smooth with curing etc. complete excluding cost of form work and reinforcement for reinforced cement concrete work in in A) Foundations, footings, base of columns and mass concrete	5471.35	Rupees Five Thousand Four Hundred Seventy One and Paise Thirty Five only	One Cubic metre	53072.09
5	5.600	Cum	Providing and laying ordinary cement concrete 1:1.5:3 (1 cement, 1.5 sand, 3 graded stone aggregates 20 mm. Nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement of R.C.C. work in Column (iii) Having cross-sectional area more than 0.085 Sq.M. and up to 0.12 Sq.M	10839.25	Rupees Ten Thousand Eight Hundred Thirty Nine and Paise Twenty Five only	One Cubic metre	60699.80

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6	34.500	Cum	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in foundation and plinth in cement mortar 1:6(1 Cement ; 6 Fine sand) Conventional bricks	4214.33	Rupees Four Thousand Two Hundred Fourteen and Paise Thirty Three only	One Cubic metre	145394.38
7	66.300	Cum	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.	136.92	Rupees One Hundred Thirty Six and Paise Ninety Two only	One Cubic metre	9077.79
8	26.000	Cum	Brickwork using common burnt clay building brick shaving crushing strength not less than 35 Kg/Sqcm. in super structure Upto all floor in cement mortar 1:6(1 Cement ; 6 Fine sand)	4496.05	Rupees Four Thousand Four Hundred Ninety Six and Paise Five only	One Cubic metre	116897.30
9	0.500	Cum	Providing and laying cement concrete 1:1.5:3 (1 cement, 1.5 sand, 3 graded stone aggregates 20 mm. Nominal size) and curing complete, including cost of formwork in sill and sides (R.C.C. band) but excluding the cost of reinforcement for all Floor level.	7207.32	Rupees Seven Thousand Two Hundred Seven and Paise Thirty Two only	One Cubic metre	3603.66
10	1.900	Cum	Providing & laying ordinary C.C. 1:1 1/2:3 (1 cement , 1 1/2 course sand, 3 graded stone agg. of 20 mm nominal size)and for R.C.C. LINTELS incl. Finishing smooth with curring of formwork but excl. the cost of reinforcement.for above floor for all Floor level.	8888.19	Rupees Eight Thousand Eight Hundred Eighty Eight and Paise Nineteen only	One Cubic metre	16887.56

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11	0.500	Cum	Providing & laying cement concrete 1:11/2:3 (1 cement ,11/2 course sand,3graded stone agg.of 20 mm nominal size) for reinforcement concrete CHHAJJAS not exceeding 10cm. thickness upto floor two level incl. finishing the exposed surface with C.M. 1:3 (1 cement ,3 fine sand) to give a smooth and ever surface, centering, formwork and curring comp.Excl. the cost of reinforcement.above plinth for all Floor level.	7063.34	Rupees Seven Thousand Sixty Three and Paise Thirty Four only	One Cubic metre	3531.67
12	17.400	Cum	Providing & laying C.C. 1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) and finishing smooth with curring etc. comp. incl. the cost of formwork but excl. the cost of reinforcement for R.C.C. work in. (A) Beam :- Having cross sectional Area 0.08 to 0.12 Sqm for all Floor level	8035.64	Rupees Eight Thousand Thirty Five and Paise Sixty Four only	One Cubic metre	139820.13
13	13.000	Cum	Providing & laying ordinary cement concrete1:11/2:3 (1 cement ,11/2 course sand,3 graded stone agg.of 20 mm nominal size) exposed work with curring etc.comp. incl. the cost of formwork but excluding the cost of reinforcement for R.C.C. work in. SLAB :- having more then 10cm. and end upto 13cm. thickness for all Floor level	7258.19	Rupees Seven Thousand Two Hundred Fifty Eight and Paise Nineteen only	One Cubic metre	94356.47
14	6163.000	Kg	Thermo Mechanically treated bar F.F.415 Steel reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor ALL level.	68.33	Rupees Sixty Eight and Paise Thirty Three only	One Kilogram	421117.79

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15	3.200	Sqm	Providing fixing of Polished Kotah stone frame for Doors & wINDOWs of 15cmx4 cm. Size including necessary holdfasts, holes for fixtures and fastenings incl. all labour & materials etc. comp	972.06	Rupees Nine Hundred Seventy Two and Paise Six only	One Square metre	3110.59
16	10.800	Sqm	Providing fixing of Polished Kotah stone frame for windows of 15cmx4cm. Size including ordinary grill fitting,painting the grill, necessary holdfasts, holes for fixtures and fastenings incl. all labour & materials etc. comp	2421.16	Rupees Two Thousand Four Hundred Twenty One and Paise Sixteen only	One Square metre	26148.52
17	6.000	Sqm	Pro. /Fix. Steel door having of 40x40x5mm. Iron angle, & Double Shutter arrangement, shutter frame of 30x30x4mm. Iron Angle and B.G. 20 Gauge Plate with Hold fasts,Iron hinges, handles, stopper , locking arrangement etc. comp. Steel welded is built up section of oil painting over coat of primer coat etc. comp.	2965.04	Rupees Two Thousand Nine Hundred Sixty Five and Paise Four only	One Square metre	17790.24
18	247.000	Sqm	Providing 15mmthick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering upto floor ALL level and finished even and smooth in (I)cement mortar 1:3 (1 cement:3 sand)	195.42	Rupees One Hundred Ninety Five and Paise Forty Two only	One Square metre	48268.74
19	291.000	Sqm	Providing 10 mmthick cement plaster in single coat on fair side of Brick/concrete walls for interior plastering for all floor and finished even and smooth in (I)cement mortar 1:3 (1 cement:3 sand) .for all Floor level finished even & Smooth with floating coat of neat cement slurry.	196.27	Rupees One Hundred Ninety Six and Paise Twenty Seven only	One Square metre	57114.57

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20	95.000	Sqm	Providing and laying 24" x 24" vitrified 8MM thick tile flooring over 20MM (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 colour cement slurry including finished with flush pointing and cleaning the surface etc. complete. For Light shade	1264.41	Rupees One Thousand Two Hundred Sixty Four and Paise Forty One only	One Square metre	120118.95
21	247.000	Sqm	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	120.26	Rupees One Hundred Twenty and Paise Twenty Six only	One Square metre	29704.22
22	291.000	Sqm	Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surface 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 papered smooth including Applying two coats of Birla or Asian acrylic lappy (purty) and two coats of primer of approved brand and manufacture on new wall surface to give an even shade.	116.27	Rupees One Hundred Sixteen and Paise Twenty Seven only	One Square metre	33834.57

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23	10.000	Rm	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 heigh 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.	876.90	Rupees Eight Hundred Seventy Six and Paise Ninety only	One Running metre	8769.00
24	109.000	Sqm	Providing and laying broken china 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.	779.70	Rupees Seven Hundred Seventy Nine and Paise Seventy only	One Squere metre	84987.30

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25	14.400	Sqm	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	1583.95	Rupees One Thousand Five Hundred Eighty Three and Paise Ninety Five only	One Squire metre	22808.88
26	375.000	Kg	Providing and fixing M.S. Grills of required pattern to wooden frames of Pipe / Angles etc.including Priming coat of approved primer and Two coats of Oil painting etc. complete ORNAMENTAL grill	175.74	Rupees One Hundred Seventy Five and Paise Seventy Four only	One Kilogram	65902.50
27	1.000	No	Providing & Fixing Acrylic sheet name board size 1.00 mt x 0.60 sqm. With painting letters Indicating Gram panchayat office / Village/ Taluka/ Dist. Etc. as directed by Adm. Department etc. with all required material & Labour comp.	1515.00	Rupees One Thousand Five Hundred Fifteen and Paise Zero only	One Number	1515.00

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28	10.000	Point	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in/ on surface on wall/ceiling complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected, with necessary Lamp holder/ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories Cat- III	449.45	Rupees Four Hundred Forty Nine and Paise Forty Five only	One Point	4494.50
29	6.000	Point	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (Green) both are of ISI marked 1.1 KV Grade FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / flushed on wall/ceiling complete with 6A Modular type switch and hum free EME four or more step type electronic fan regulator with separately mounted and accessories with earth continuity of following type erected on PVC / Metallic box, single mounting base frame covered with textured/metallic front plate modules erected on / in wall / ceiling as per pipe erected. with necessary ceiling rose / H.D.Connector as directed. (f) with medium class Rigid PVC pipe and accessories Cat- III	629.23	Rupees Six Hundred Twenty Nine and Paise Twenty Three only	One Point	3775.38
30	4.000	Point	Point wiring for Looped Plug with 6A Modular type switch & 5 pin socket erected on PVC / Metallic box, single mounting base frame covered with textured / metallic front plate modules erected on / in wall / ceiling with following type accessories Cat- III	241.39	Rupees Two Hundred Forty One and Paise Thirty Nine only	One Point	965.56

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31	4.000	Point	Point wiring for individual Plug with & Earth wire of FRLS PVC insulated multistrand copper wires, in following type of pipe to be erected concealed in / surface of wall/ceiling complete with Modular type switch and 5 Pin plug erected on PVC/ Metallic box covered with appropriate front plate modules erected on / in wall/ ceiling as per pipe erected with following type of (I) For 6A Plug with 2-1.5 Sq.mm Cu. wire (f) With medium class rigid PVC Pipe and accessories - Cat_III	473.69	Rupees Four Hundred Seventy Three and Paise Sixty Nine only	One Point	1894.76
32	10.000	No	Supplying and erecting LED indoor fittings with LEDs of wattage 0.2 Watt to 0.5 Watt assembled on single MCPCB, with housing used as a heat sink shall be made of thick sheet Steel conforming to IS: 513/CRCA/ aluminium die cast powder coated and high U.V. & corrosion resistance with diffuser with company mark/name 160V to 270V, Power Factor more than 0.95, THD < 15%, CCT 3000 K to 6500K, Luminaire efficacy > 85 lumens/watt, LED driver efficiency > 85 % (fitting required LM-79 & LM-80 Certificates)(NOTE: Below description have shown ranges of Wattage capacity of LED fittings.The Engineer incharge may select any wattage capacity between the ranges shown.) (A) Tube Light with integral driver (iv) 22-24 Watts, Surge - 2KV,IP-20, conventional 4	373.70	Rupees Three Hundred Seventy Three and Paise Seventy only	One Number	3737.00
33	1.000	No	Providing & erecting 240 V MCB double pole switch for lighting load (B Curve) having 10 KA breaking capacity & Confirming to IS :8828 in Existing box , having capacity (B) 40 Amp.- Cat-III	295.93	Rupees Two Hundred Ninety Five and Paise Ninety Three only	One Number	295.93
34	1.000	No	Providing and erecting Sheet Steel powder coated MCB distribution board - flush / surface mounted fitted with busbar, neutral link, earth bar and DIN rail, confirming to IS 13032 and BS 5486-1986 without MCB to house appropriate nos. of MCBs.(The DBs should be used of same company of MCB to be used) (A) Single phase 12 way SS double door	1492.78	Rupees One Thousand Four Hundred Ninety Two and Paise Seventy Eight only	One Number	1492.78

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35	6.000	No	Providing & erecting Approved make Ceiling Fan with double ball bearing ISI mark with Condenser 230 volt A.C. 50 c/s, 1200 mm sweep complete having 3 blades with aluminium blades with , canopy & 30 cms. down rod erected on existing hook or Clamp with 24/ 0.2, 3 core flexible wire with earthing. (Make shall be approved by Engineer in charge)	1596.81	Rupees One Thousand Five Hundred Ninety Six and Paise Eighty One only	One Number	9580.86	
36	1.000	No	Pipe type earthing having 150 cms.long and 2.5 cms. dia. galvanised iron pipe with coupling and buch buried in specially prepared earth pit complete with necessary 8 SWG earth wire. For using salt and charcoal / coke as required for pipe type earthing.	540.35	Rupees Five Hundred Forty and Paise Thirty Five only	One Number	540.35	
			Dismntled Material Credit Rs. 0 will be deducted from 1 St R.A. Bill					
Rupees Sixteen Lakh Seventy Five Thousand One Hundred Thirty Eight and Paise Eleven only							Total Rs.	1675138.11

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 put as under.

* Estimated Amount

Put to tender **Rs.**.....

Deduct.....%

Net **Rs.**.....

In words.....

* Estimated Amount

Put to tender **Rs.**.....

Add.....%

Total **Rs.**.....

In words.....

- 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.
- 2.The labour cess 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 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.

Signature of Contractor

Deputy Executive Engineer
Panchayat R.& B. Sub Division

Executive Engineer
Panchayat R.& B. Division

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Kunkavav

Amreli