

Name of work :-

Constructing Library Building @ Village- GHANTOLI. Taluka:-
Dediapada. District:- Narmada.

BILL OF QUANTITIES.

It. No. up to 200 Chara cter	Qty. in Lacs (In Any Fig)	ITEM OF WORK.	Tender Rate		Unit Up to 50 Chara cter	Amount (UP to Two Decimal)
			in Figure	In Words		
1		2	6		7	8
1	31.00	Excavation for foundation up to 1.5 m. depth including sorting out and stacking of useful materials and dispos-ing of the excavated stuff up to 50 meter lead. (Dense or Hard soil).	160.89	Rupees one Hundred Sixty And Eighty Nine Paise Only	CU.M.	4987.59
2	2.70	Providing and Cement Cncrete 1:2:4 (1 Cement: 2 coarse sand:4graded Stone Aggregate 20 mm Nominal Size) including cost of form work but Excluding cost of reinforcement for R.C.C. Work in foundation & Plinth	3591.22	Rupees Three Thousand Five Hundred ninety one And Twenty Two Paise Only	CU.M.	9696.29
3	5.90	Providing and laying cement concrete 1:4:8 (1 cement:4 coarse sand:8 Hand broken stone agreegate 40 mm nominal size) & curing complete excluding cost of formwork in foundation and plinth.	2738.11	Rupees Two Thousand Seven Hundred Thirty Eight And Eleven Paise Only	CU.M.	16154.84
4	6.00	Providing and laying ordinary cement concrete M.200 with curing etc. complete including cost of form work but excluding cost of reinforcement for reinforced concrete work in Column Footing. & Mass Concrete.	4783.95	Rupees Four Thousand Seven Hundred Eighty Three And ninety	CU.M.	28703.70
5	3.10	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- 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 for R.C.C work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M	12335.51	Rupees Twelve Thousand Three Hundred Thirty Five And Fifty one Paise Only	CU.M.	38240.08

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1		2	6		7	8
6	6.10	Brickwork 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.	4279.98	Rupees Four Thousand Two Hundred Seventy Nine And	CU.M.	26107.87
7	5.30	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- 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 for R.C.C work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M	8593.80	Rupees Eight Thousand Five Hundred ninety Three And Eighty Paise Only	CU.M.	45547.14
8	9.00	Filling available excavated earth(excluding rock) in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm. In depth consolidating each depos-ited layer by ramming and watering.	137.47	Rupees one Hundred Thirty Seven And Forty Seven Paise Only	CU.M.	1237.23
9	19.00	Filling in foundation and plinth with Murrum or selected soil in layers of 20 cm. thickness including watering, ramming and consolidating etc. complete.	304.60	Rupees Three Hundred Four And Sixty Paise Only	CU.M.	5787.40
10	5.00	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	3591.22	Rupees Three Thousand Five Hundred ninety one And Twenty Two Paise Only	CU.M.	17956.10

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1		2	6		7	8
11	16.00	Brick work using common burnt clay building bricks having crushing strength not less than 35 kg. / sq.cm. in super structure above plinth level from floor two level in cement mortar 1:6(1 cement : 6 fine sand). Conventional.	4568.40	Rupees Four Thousand Five Hundred Sixty Eight And Fourty Paise Only	CU.M.	73094.40
12	0.37	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with, curing etc.comp. incl.the cost of formwork but excluding the cost of reinforcement.	10219.39	Rupees Ten Thousand Two Hundred Nineteen And Thirty Nine Paise Only	CU.M.	3781.17
13	0.60	Providing & laying cement concrete 1:2:4 (1-Cement: 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceed-ing 10cm. thickness upto floor two level incl. finishing the exposed surfaces with cement mortar 1:3 (1- cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement.	6479.22	Rupees Six Thousand Four Hundred Seventy Nine And Twenty Two Paise Only	CU.M.	3887.53
14	6.10	Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness	7454.03	Rupees Seven Thousand Four Hundred Fifty Four And Three Paise Only	CU.M.	45469.58
15	2320.00	Providing T.M.T. FE 500D bar reinforcement for R.C.C. work including bending, binding and placing in position complete for all floor level.	77.29	Rupees Seventy Seven And Twenty Nine Paise Only	K.G.	179312.80

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1		2	6		7	8
16	3.20	Providing and fixing Flush Door Shutters ,Solid Core construction with frame of first class hard wood with cross board and fixed with 1 mm thick laminated sheet both side of shutter with Aluminum Section Frame of jindal 20047 fram section size 63.50X38.10X1.5mm thick wt.0.942kg/mt with shutter Flush door shuuter fixed with required Fixtures & Fastenning as per Approved by Engineer - in - Charge 38 mm thick total Thickness of Shutter etc. Complete.	3382.49	Rupees Three Thousand Three Hundred Eighty Two And Fourty Nine Paise Only	Sqmt	10823.96
17	10.10	Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10 mm x1.35mm(of Jindal Section no:2443,@ Wt.1.384 Kg/mt), horizontal Four track member size 122.20mm x 31.75mm x 1.10mm (of Jindal Section no:8787,@ Wt. 1.205 Kg/mt), vertical member of size 122.20 mm x 31.75mm x 1.50mm (of Jindal Section no:8935,@ Wt. 1.398 Kg/mt) with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm (of Jindal Section no:8949 @ wt.of 0.456Kg/mt),vertical member of size 40mm x18mm x 1.29mm (of Jindal Section no: 8947@ wt.of 0.456Kg/mt/ Section 8948,@ Wt. 0.457 Kg/ mt) with5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings,fixtures and transparent silicon sealant glass fixing to frame as per details etc comp. for window.	2140.33	Rupees Two Thousand one Hundred Fourty And Thirty Three Paise Only	Sqmt	21617.33
18	34.20	Providing and laying Green (Or Specified By Engineer - in - Charge) Marble Colla 25 cm in Width for Doors Windows over 20mm (average) base of cement mortar 1:6 (a-cement : 6 coarse sand) laid and jointed with gray cement slurry including Half Round Moulding to Both Side Edges, rubbing and polishing complete.	501.97	Rupees Five Hundred one And ninety Seven Paise Only	Rmt	17167.37

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1		2	6		7	8
19	50.00	Appling general insecticide pest control treatment to floors cupboards etc including labour material etc. complete.	43.97	Rupees Fourty Three And ninety Seven	Sqm	2198.50
20	79.00	Providing 15 mm thick cement plaster in Single coat on fair side of brick/ concrete wall for interior plastering up to floor two level finished even and smooth in Cement mortar 1:3 (1 cement: 3 sand).	253.60	Rupees Two Hundred Fifty Three And Sixty Paise Only	Sqm	20034.40
21	51.00	Providing 10 mm thick cement plaster in single coat on fair side on Ceiling for interior plastering from up to floor two level finished even and smooth in Cement mortar 1:3 (1 cement: 3 sand) including finishing with a floating coat of neat cement slurry.	280.28	Rupees Two Hundred Eighty And Twenty Eight Paise Only	Sqm	14294.28
22	109.00	Providing 20 mm thick Gutka finished sand faced cement plaster on walls up to height 10 meters above ground level consis-ting of 12 mm thick backing coat of C.M. 1:3 (1 cement : 3 sand) and 8 mm thick finishing coat of C.M. 1:1 (1 cement:1 sand) etc. complete.	353.98	Rupees Three Hundred Fifty Three And ninety Eight Paise Only	Sqm	38583.82
23	47.00	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 and jointed with color cement slurry including finished with flush pointing & cleaning the surface etc. complete	1521.95	Rupees one Thousand Five Hundred Twenty one And ninety Five Paise Only	Sqm	71531.65
24	3.00	Providing and laying Marbo Granite tiles 8 mm to 10 mm Thick in skirting risers of steps and dado on 10 mm. Thick cement plaster 1:3 (1 cement : 3 coarse sand) pointing in white ceand jointed with white cement slurry.	1195.02	Rupees one Thousand one Hundred ninety Five And Two Paise Only	Sqmt	3585.06

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1		2	6		7	8
25	79.00	Wall painting (three coats) with plastic emulsion paint of approved brand & manu-facture on undecorated wall surface to give an even shade incl. throughly brush-ing the surface free from mortar droppings & other foreign matter & sand papered smooth.	119.42	Rupees one Hundred Nineteen And Fourty Two Paise Only	SqM	9434.18
26	51.00	Ceilling Painting (three coats) with plastic emulsion paint of approved brand and manufacture on undeco-rated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth.	134.04	Rupees one Hundred Thirty Four And Four Paise Only	Sqm	6836.04
27	109.00	Finishing wall with weather proof two coat of acrylic exterior emulsion paint With one coat of white cement priming coat of approved brand and manufacture to give even shade after throughly brushing the surface to remove all dirt,dust,and remains of loose Material	167.26	Rupees one Hundred Sixty Seven And Twenty Six Paise Only	Sqm	18231.34
28	15.00	Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the 110 mm outside Dia. Low densidy, complete with special falnge compre-ssion type fittings, wall clipsetc. including making good the wall ceiling and floor.	339.05	Rupees Three Hundred Thirty Nine And Five Paise Only	Rmt	5085.75
29	14.00	Point wiring for Light / Bell with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected complete with 6A Modular type switch / bell push & accessories and earth continuity of following type, erected on PVC / Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling. with casing caping double lock type. Cat. II	410.06	Rupees Four Hundred Ten And Six Paise Only	No.	5740.84

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1		2	6		7	8
30	6.00	Point wiring for FAN with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of .ISI marked FR PVC insulated multi-strand copper wires, in existing pipe duly erected complete with 6A Modular type switch and hum free EME 5/6 step type electronic fan regulator with separately mounted & accessories with earth continuity of following type erected on PVC/Metallicbox covered with appropriate front plate modules erected concealed in wall/ceiling rose as directed. Cat II	679.73	Rupees Six Hundred Seventy Nine And Seventy Three Paise Only	No	4078.38
31	2.00	Point wiring for Individual Plug with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked FRPVC insula- ted multistrand copper wires, in existing pipe duly erected comp. with 6A Modular type switch & 6A 5pin Plug erected on PVC / Metallic box covered with aproprate front plate modules erected concealed in wall/ceiling with following type of accessories. for 6A Plug with 2-1.5 sqm cu. wire. Pvc CAsing Caping double lock type.- Cat. II - For Seperate Point	511.06	Rupees Five Hundred Eleven And Six Paise Only	No	1022.12
32	4.00	Point wiring for Individual Plug with 2-1.5 sq.mm & earthwire of 1.5 sq.mm (green) both are of ISI marked FR PVC insulated multistrand copper wires, in existing pipe duly erected complete with 6A Modular type switch & 6A 5pin Plug erected on PVC / Metallic box covered with appropriate front plate modules erected concealed in wall / ceiling with following type of accessories. for 16A Plug with 2-4 sqm cu. wire. Pvc CAsing Caping double lock type.- Cat. II	752.45	Rupees Seven Hundred Fifty Two And Forty Five Paise Only	No	3009.80
33	4.00	Point wiring for looped PLUG with tissino type single pole ISI marked 6 A. Switch and 6A Socket erected with necessary connections erected on polished wooden block/ Metal / PVC Box covered with 3 mm thick laminated sheet for open / concealed wiring.	67.67	Rupees Sixty Seven And Sixty Seven Paise Only	No	270.68

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1		2	6		7	8
34	6.00	Supplying & erecting approved make 1 x 36./40 watt sleek batten type fluorescent fitting made of anodised Aluminium reflector. Complete with HF Electronic ballast assembly housed in engineering plastic covers with tube holders, erected with necessary lead wire & hardware materials and adopter if required. Cat III	565.60	Rupees Five Hundred Sixty Five And Sixty Paise Only	No	3393.60
35	6.00	Approved make Ceiling Fan with Condenser 230 volt A. C. 50 Cys.1200 mm sweep complete having 3 blades alluminium body and blade sets having ornamental design shanks , canopy & 30 cms. down rod erected with 24/0.2 flae 3 core flexible wire with earthing. + add. 80.00 Rs Extra for Reguator	1974.55	Rupees one Thousand Nine Hundred Seventy Four And Fifty Five Paise Only	No	11847.30
36	2.00	Providing Fuse Unit of kit kat pattern porcellin cut out 10A or 16A.errected on polished wooden block.	121.20	Rupees one Hundred Twenty one And Twenty Paise Only	No	242.40
37	3.00	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection, Poly carbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (A) LED Lamps integral Type, With PC diffusar suitable Lamp holder. 5 to 8 Watts	146.45	Rupees one Hundred Fourty Six And Fourty Five Paise Only	No	439.35
38	4.00	Supplying and erecting led lamps with following wattage capacity of 220 to 240 voltage, minimum 15000 burning hours life, 500 V in built-surge protection, Poly carbonate diffuser, mounting suitable for E14 / E27 / B22 lamp holders, pf >= 0.5 (A) LED Lamps integral Type, With PC diffusar suitable Lamp holder.	338.35	Rupees Three Hundred Thirty Eight And Thirty Five Paise Only	No	1353.40

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1		2	6		7	8
39	2.00	Pipe type earthing having 15 cms. long & 2.50cms. Dia. Galvanised iron pipe with coupling and buch burried in speciallyprepared earth pit. Complete. Withnecessary 8swg. Earth wire incl. Using salt. And charcol / cock as required for pipr type earthing.	636.30	Rupees Six Hundred Thirty Six And Thirty Paise Only	No.	1272.60
40	15.00	Mains with 1.1 KV gradeFR PVC insulated ISI marked stranded Copper conductor wire in existing pipe erected with 1.5 sq. mm copper conductor FR PVC insulated stranded wire of green colour for earth continuity of following size	152.51	Rupees one Hundred Fifty Two And Fifty one Paise Only	Rmt	2287.65
41	2.00	Approoved make MEM type Double pole iron clad switch & fuse 240 / 250 V. 15 / 16 A. confirking to I.S.S. erected on polished wooden block. Cat. II	328.25	Rupees Three Hundred Twenty Eight And Twenty Five Paise Only	No	656.50
42	1.00	Cast iron plate size 30 x 30 x 0.35 cms. Burried in specially prepared 2.50 mtr. Deep earth pit complete with necessary G.I. Strip in G.I. Pipe 2 mtr long with coupling and G.I. Plug for earthing of switchgear conduit run or power plug. etc.complete.	808.00	Rupees Eight Hundred Eight Only	No	808.00
43	3.00	Supplying and errecting standard or equivalent make 25Amp. 10 Ka. Double pole MCB (G) series curve with metal Top company fabric-ated powder coat & shelt sheet encloser erected consuitable wooden base with connection. Cat. III	611.05	Rupees Six Hundred Eleven And Five Paise Only	No	1833.15

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1		2	6		7	8
44	50.00	Providing and Laying china Mosaic type water proofing treatment on terrace inclu. (A) applying neat cement slurry Cement slurry 2.75 kg/ sqm of cement admixed with water proofing compound after cleanning the surface (b) laying cement concrete using brick bats 25to 100mm size with 50% of C.M. 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound over 20 mm thick layer of C.M. 1:5 to required and including rounding of junction with walls and slabs (c) after two days of proper curing applying a second coat of cement slurry. (d) finishing the surface with white cement slurry. (e) After finishing the whole terrace shall be curried with water for a period of two weeks.	590.83	Rupees Five Hundred ninety And Eighty Three Paise Only	Sqm	29541.50
45	1.00	Clearing the Site including removing damaged structure, tree, Grass etc. complete.	3030.00	Rupees Three Thousand Thirty Only	Job	3030.00
46	293.00	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.	102.62	Rupees one Hundred Two And Sixty Two Paise Only	Kg	30067.66
			Total Rs. 840282.33			
Rupees Eight Lacs Fourty Thousand Two Hundred Eighty Two And Thirty Three Paise Only						

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Dediapada.

I / We am / Are Willing To Carry out the Work @ ----- % above / Below than the Estimated Rates mentioned above.

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1		2	6		7	8

The Cost of My / Our Tender Works out as Under

Amountt Put To Tender Rs. 8,40,282.33	Amountt Put To Tender Rs. 8,40,282.33
Add. _____ % AboveRs. _____,	Ded. ____ % Below Rs. _____,
Total Amount Rs. _____,	Net Amount Rs. _____,
(in Figures Rupees _____,	(in Figures Rupees _____,
_____)	_____)

Signature of Contractor :-

Deputy Executive Engineer
Panchayat (R & B) Sub Division
Dediapada.

Executive engineer
Panchayat (R & B) Division
Rajpipla