

Summary of Cost

Name of works : Construction of Library at Dist. Shrawasti

Sl. No.	Particulars	Amount
1	Cost of civile work	4137621.26
2	Cost of Electrical work	174960.00
	Total	4312581.26
	Say Rs.	43.12 Lac.

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BILL OF QUANTITY

name of works : Construction of Library at Dist. Shrawasti

Sch. No.	Particulars	Qty.	Unit	Rate	Amount
259	Clearing of Jungle including uprooting of trunk vegetations grass, bush, wood trees and saplings of girth upto 30cm. Measured at height of 1 metre above ground level & removal of rubbish upto a distance of 50 metre out side the periphery of area cleared.	600	sqm.	4.75	2850.00
nigam	Providing Layout of building including making centre line pillar.	349	sqm.	7.50	2617.50
251	Earth work in excavation in trenches for foundations and pipes, cable etc. in ordinary soil (Loan clay or sand) including lift upto 1.5m lead up to 50m and dressing of sides and ramming of bottom and disposal of surplus excavated earth as directed by the Engineer i/c within a lead of 50m.	132.65	cum.	91.00	12071.15
275+Diff.	Providing and laying of cement concrete 1:4:8 (1 cement : 4 fine sand : 8 graded brick aggregate 40 mm nominal size) including supply of all materials, labour and T&P etc. required for proper completion of the work and curing complete, also including cost of formwork in foundation and floors.	9	cum.	4343.00	39087.00
283	R.C.C. work with cement approved coarse sand and 2cm (2/4") gauge approved stone ballast in the proportion 1:1.5:3 (1 cement : 4.5 aggregate) in lintels of doors and windows excluding supply of reinforcement and its bending but including its fixing and binding the same with 24B WG binding wire and including necessary centering and shuttering etc. and also including supply of all materials labour and tools and plants etc. required for proper completion of the works. Strength of the concrete shall not be less than M-200.		cum.		0.00
A	289 b Raft Foundation	40.35	cum.	8700.00	351045.00
B	289 a As in item no 283 but on rcc columns in 1:1:5:3 c:c/s:s/g 20m	10.80	cum.	9600.00	103680.00
C	285 b As in item no 283 but on Tie beam in 1:1:5:3 c:c/s:s/g 20m	18.15	cum.	9400.00	170610.00
D	285 b Plinth Band	4.78	cum.	9400.00	44932.00
E	285 b Lintel bend	7.24	cum.	9400.00	68056.00
F	289 b projectio (sunshed, left, arch etc.)As in item no 283 but on rcc columns in 1:1:5:3 c:c/s:s/g 20m	1.37	cum.	8700.00	11919.00
G	289 b Slab	42.2	cum.	8700.00	367140.00
H	286 b Heavier beam	7.84	cum.	10200.00	79968.00
I	285 b Lighter beam, 6 mtr 1:1:5:3	10.16	cum.	9400.00	95504.00
6	anal. Filling of loose earth in plinth under floors including watering consolidating and dressing complete including lead upto 50m and lift upto 1.50m cost of loose earth.	188.97	cum.	410.00	77477.70
7	anal. Sand filling in plinth under floors including watering consolidating and dressing complete including lead upto 50m and lift upto 1.50m cost of sand 500+63.00	47.24	cum.	563.00	26596.12
8	303+diff Class-150 brick work in 1:6 cement and coarse sand mortar in foundation and plinth including supply of all materials, labour and T&P etc.	14.30	Cum.	5130.00	73359.00

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	Supply and wiring of submain with two number 4sq mm PVC insulated single core copper conductor in 20mm dia heavy duty PVC conduit with 1 no. 2.5sqmm FR PVC insulated multistrand single core drawn inside conduit complete in all respect.	2210	Rm	250	148.00	37000.00
9	Supply and wiring of submain with two number 6sq mm PVC insulated single core copper conductor in 20mm dia heavy duty PVC conduit with 1 no. 4sqmm FR PVC insulated multistrand single core drawn inside conduit complete in all respect.	2220	Rm	-	206.00	-
10	Supply and wiring of submain with two number 10sq mm PVC insulated single core copper conductor in 25mm dia heavy duty PVC conduit with 1 no. 5sqmm FR PVC insulated multistrand single core cables earth continuity wire drawn inside conduit complete in all respect.	2230	Rm	80	309.00	24720.00
11	Supply and fixing of water light oblong blackhead fitting of approved make complete with prismatic glass holder rubber gasket, GI Guard etc. complete in all respect.	408	Nos	01	390.00	390.00
12	Supply & fixing of single wall brackets on matching MDFEG board base etc. complete in all respect. Cat. A-A	412	Nos	0	815.00	-
13	Supply & fixing of factory wired HPF box, type fluorescent tube light fitting suitable for 1x40watt fluorescent tube complete with electronic ballast.	453(I)	Nos	-	1116.00	-
14	Supply & fixing of factory wired sodium vapour street lighting luminous single piece cast aluminium body suitable for 70watt SV lamp on GI pipe bracket complete in all respect.	485(I)	Nos	-	4640.00	-
15	S&F of 8 Amp to 32 Amp SPMCB (10KA) Cat. B	1002	Nos	30	2001.00	60030.00
16	S/F of 10 Amp DPMCB (10KA) Cat. B	1010	Nos	-	705.00	-
17	S/F of 16 Amp DPMCB (10KA) Cat. B	1011	Nos	3	865.00	2595.00
18	S/F of 16 Amp pole MCB (10KA) - Cat. B	1020A	Nos	1	1550.00	1550.00
19	S&F of surface/flush mounting 8 ways SPN distribution board with additional metal door without MCB complete in all respect. Cat. B	1024A	Nos	1	1430.00	1430.00
20	S&F of surface/flush mounting 12 ways SPN distribution board with additional metal door without MCB complete in all respect. Cat. B	1025A	Nos	3	1700.00	5100.00
21	S/F of call bell of approved make complete in all respect.	1101	Nos	-	125.00	-
22	Erection of testing of exhaust fan on the existing hole with suitable size of rag bolts nuts and washer etc. complete in all respect.	1120	Nos	-	130.00	-
23	S/F of 16 gauge MS drum duly painted including making hole in the wall for exhaust fan and finishing properly complete in all respect. with Luvess duly painted.	1122A	Nos	03	950.00	2850.00
24	S/F of power plug with 15a/250 volt flush type switch and 5 pin 15a/250v flush type universal socket in suitable MS box of 175mm x 100mm x 50mm size with phenolic laminated backlight sheet cover 3mm thick fixed with brass machine screw and cup washer.	1139	Nos	10	270.00	2700.00
25	S/F of hexagonal fan box with hexagonal side of approx	1149	Nos	21	135.00	2835.00

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	and burying of earthing electrode T-19(Hot Dip galvanized length 3000mm outer pipe 50mm inner pipe 25mm terminal dia 2mm outer GI pipe of 18swg and inner GI pipe of 12 swg with hot dip galvanization up to 100micron filled with conductive mixture CCm having anti corrosive and conductive property with 50kg activated soil (BFC) capable of reducing the soil resistivity with good mixture of retaining capacity and one earthing laid of 20x3 GI strip up to switch board from aprong to switch board the cost of GI strip will be extra along with 30cm squir CI farm with hinges cover and masonry housing make as approved in UPPWD & CPRI Certified.	725A	Nos	01	7593.00	7593.00
27	S&L of 25mm x 3mm FI strip from earth electrode directly in the ground as required complete in all respect.	716	Nos	20	82.00	1640.00
28	S&F of fire extinguisher ABC type dry chemical type 4kg capacity ISI marked & TAC approved with initial charge, bracket etc complete in all respect.	1131	Nos	—	3100.00	—
29	S&F of fire bucket round bottom made of GI sheet duly painted as per fire brigada complete in all respect.	1133	Nos	—	350.00	—
30	Erection of testing of ceiling fan and regulator etc. excluding supply of down rod complete in all respect.	1115	Nos	—	68.00	—
31	S/F danger board fabrication from 10-gauge MS sheet as per I.E. rules	1109	Nos	—	70.00	—
32	S&F of shock treatment chart (prescribed under I.E. Rules) duly framed with glass complete with all respect.	1134	Nos	—	235.00	—
33	S&L of 1800mm x 900mm x 12mm thick chequered rubber matting of tested quality.	1136	Nos	—	2525.00	—
34	Add for fixing of tube fitting as pendent with two number 19mm dia 18 gauge rigid steel conduit double cheek nuts, spring loaded flanges or MS hook fabricated from 25mm x 3mm flat bar fully grouted in the ceiling up to 3.5 height of ceiling including painting with synthetic enamel paint along with supply of all materials labour t&p etc. required for proper completion.	1143	Nos	—	235.00	—
35	Supply of erection of factory fabricated and wired metal clad dust and vermin proof floor mounting pannel TPN switch board complete in all respect as per UPPWD specification. CAT-A Incoming 200 Amp TPN = 1 No Outgoing 63 Amp TPN = 3 No 100 Amp TPN = 1 No	8020	Nos	—	96100.00	—
36	Supply of erection of factory fabricated and wired metal clad dust and vermin proof floor mounting pannel TPN switch board complete in all respect as per UPPWD specification Incoming 100 Amp TPN = 1 No Outgoing 63 Amp TPN = 3 No	801(a) +345	Nos	—	63065.00	—
37	Supply and fixing of electronic fan dimmer 300/400 watt ISI marked on the existing switch board including making connection required materials labour t&p etc. for proper completion of work to the satisfaction of engineer in charge of work.	1203A	Nos	21	305.00	6405.00
38	Supply and fixing of fan sheet	MR	Nos	21	30.00	790.00
39	Supply & fixing of ceiling fan ISI marked 1200mm	MR	Nos	20	1600.00	—

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40	Supply and fixing of heavy duties exhaust fan 12"dia	MR	Nos		2500.00	
41	Supply and fixing of heavy duties exhaust fan 18"dia	MR	Nos		3500.00	
42	Supply and fixing of exhaust fan 12"dia-Or 18"	MR	Nos		500.00	
43	Supply and fixing of CFL up to 18 watt	MR	Nos		210.00	
44	S/L Subman 1.5sqmmx2 wire with 1.5sqmm earth wire	MR	RM	250	87.00	21750.00
45	S/F Armoured cable 16x2 Al complete with bricks/saddile etc.	501C	RM		306.00	
46	S/L Armoured cable 16x4 Al complete with bricks/saddile etc.	5011	RM		376.00	
47	S/L Armoured cable 35x3.5 Al complete with bricks/saddile etc.	501K	RM		448.00	
48	S/F 4 way TPDB with out MCB and with additional door cot-B	1062A	Nos		2650.00	
49	S/F 6 way TPDB with out MCB and with additional door cot-B	1027A	Nos		2600.00	
50	S/F of wooden pata kit- kat Fuse 3 Nos 3 Arp	MR	No	1	1200.00	1200.00
51	S/F of Mirror optics fitting 40 watt	424(II)	Nos		2972.00	
	Total				Rs.	173711.00
52	Add @ 5.26% on non sheduels item Rs. 23748.00					1249.00
						174960.00

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