

BILL OF QUANTITY

**Name of Work:- Construction of Lab for Weight & Measurement
Department, Gautam Budh Nagar**

S. No.	Description		Amount
1	Cost of Main Building		
a)	Ground Floor	Rs.	771714.53
b)	First Floor	Rs.	398760.55
c)	Second Floor	Rs.	108256.25
	Total	Rs.	1278731.33
2	Cost of Sanitary & Water Supply	Rs.	0.00
3	Cost of Boundary Wall Complete	Rs.	0.00
4	Cost of Summersible pump & boring	Rs.	78187.00
5	Cost of Internal Electrification	Rs.	0.00
6	Cost of Provision for Nala as per Site Condition	Rs.	39821.50
7	Cost of Site Development	Rs.	0.00
	Total	Rs.	1396739.83
		Say Rs. 13.97 Lacs	

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**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

**Name of Work:- Construction of Lab for Weight & Measurement
Department, Gautam Budh Nagar**

(Ground Floor)

S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
1	clearing of jungle i/c uprooting of roots vagitation etc	259 (i)	150.00	Sqm	3.50	525.00
2	Providing layout of building including making of pillar for center line / plinth	N.R	59.41	Sqm	10.00	594.10
3	Earth work in excavation in foundation with ordinary soil	251	68.87	Cum	84.00	5785.08
4	PCC in 1:5:10 cement, sand and brick ballast 40 mm i/c supply of all material, labour T&P	281	10.03	Cum	3200.00	32096.00
5	Brick work in foundation & plinth with 1 : 4 cement & C.sand motar i/c supply of all material, labour T&P	305A	38.68	Cum	4550.00	175994.00
6	RCC work in 1:1.5:3 Cement Coarse sand and stone grit of M-20 grade in coloumn in plinth Bend i/c supply of all material, labour T&P.	5.12 NI	6.54	Cum	7750.00	50685.00
7	Class150 brick work in 1:4 Cement and coarse sand mortar 9 inch thick in super structure i/c supply of all material, labour T&P	305A+309+310	31.74	Cum	5070.00	160921.80
8	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in Lintel Bend i/c supply of all material, labour T&P	NI 5.12	3.05	Cum	7750.00	23637.50
9	20 mm thick bearing plaster in 1:2 cement and coarse sand mortar i/c supply of all material, labour T&P	597	8.73	Sqm	250.00	2182.50
10	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in slab and beams i/c supply of all material, labour T&P	NI 5.12	6.82	Cum	7750.00	52855.00
	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in coloumn i/c supply of all material, labour T&P	289	1.24	Cum	7800.00	9672.00
11	CLASS 150 brick work in 1:4 Cement and coarse sand mortar 4.5 inch thick i/c supply of all material, labour T&P	305A+309+310A	12.99	Cum	5195.00	67483.05
12			0.90	Cum	5195.00	4675.50
13	10 mm thick ceiling plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	583+587	0.00	Sqm	193.00	0.00
14	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	586+596	0.00	Sqm	148.00	0.00

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**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

Name of Work:- Construction of Lab for Weight & Measurement

Department, Gautam Budh Nagar

(Ground Floor)

S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
15	12 mm thick plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	588	0.00	sqm	132.00	0.00
16	Making drip course with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	NI 13.18	0.00	Rmt.	20.00	0.00
17	Fixing of wall tile with 1:3 cement and coarse sand mortar in walls i/c supply of all material, labour T&P	6.2.8 14.22	0.00	Sqm	880.00	0.00
18	Supply and filling of earth under floors including compaction complete i/c supply of all material, labour T&P	ANA	0.00	Cum	510.00	0.00
19	Sand filling under floors compaction complete i/c supply of all material, labour T&P	ANA	0.00	Cum	1650.00	0.00
20	Soling brick on edge along apron in 1:4 cement and coarse sand mortar i/c supply of all material, labour T&P	305A+309+310A	0.00	Cum	4550.00	0.00
21	PCC in 1:5:10 cement, Sand and 40 mm Brick ballast i/c supply of all material, labour T&P	274	0.00	Cum	3200.00	0.00
22	Providing and fixing of Vitrified tiles in 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	NI 14.26	0.00	Sqm	1300.00	0.00
23	Providing and fixing of Kota stone 25 mm thick with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	N.R	0.00	Sqm	900.00	0.00
24	Providing and injecting chemical for pre constructions Antitermite treatment.		0.00	Sqm	180.00	0.00
25	25 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P	601 A	0.00	Sqm	230.00	0.00
26	40 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P		0.00	Sqm	290.00	0.00

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U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Lab for Weight & Measurement Department, Gautam Budh Nagar						
(Ground Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
27	Providing and fixing of MS Steel door Chakhat frame i/c supply of all material, labour T&P	ANA	101.50	Kg.	84.00	8526.00
28	Providing and fixing of Z section Window with 10 mm MS grill frame i/c supply of all material, labour T&P	MR	9.52	Sqm	3600.00	34272.00
29	Supply & fixing of 30 mm thick flush door shutters with door fitting complete					
A)	Double Leaf	471+472+473	0.00	Sqm	1760.00	0.00
B)	Single Leaf	471+473	0.00	Sqm	1600.00	0.00
30	Providing & fixing of collapsible steel shutter complete in all respect i/c supply of all material, labour T&P	518	0.00	Sqm	2850.00	0.00
31	M S /Tor steel iron work including bending binding cutting straighting etc complete i/c supply of all material, labour T&P	504	2445.00	Kg.	58.00	141810.00
32	Making good surface by J K /Birla putti i/c supply of all material, labour T&P	New Item	0.00	Sqm	55.00	0.00
33	Oil bound distemper 2 coats with 1 coat of cement primer to give an even shade i/c supply of all material, labour T&P	649+650	0.00	Sqm	68.00	0.00
34	Water proof cement painting 2 coat with one coat of white cement i/c supply of all material, labour T&P	660+661	0.00	Sqm	66.00	0.00
35	Providing and fixing of M S railing complete i/c supply of all material, labour T&P	ANA	0.00	Kg.	87.40	0.00
36	Painting enamel 2 coat to give an even shade i/c supply of all material, labour T&P	641	0.00	Sqm	69.00	0.00
37	Providing & fixing if glass Strips 35x5mm	631 (d)	0.00	Rmt.	18.00	0.00
38	Providing & fixing of 4 mm thick glass pens cut size including with T&P labour complete.		0.00	Sqm	550.00	0.00
39	Providing & fixing of 32 mm thick S.S. pipe with all fitting in handicapped toilet including with T&P labour complete.		0.00	Rmt.	565.00	0.00
				TOTAL		771714.53

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U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Lab for Weight & Measurement Department, Gautam Budh Nagar						
(First Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
1	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure in super structure of 230 mm thick wall		28.97	cum	5070.00	146877.90
2	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure of 115 mm thick wall		6.87	cum	5195.00	35689.65
3	20 mm thick bearing plaster in 1:2 cement and coarse sand mortar i/c supply of all material, labour T&P		11.90	sqm	250.00	2975.00
4	R.C.C. in 1:1.5:3 C:C/S:S/G of M-20 i/c all labour T&P complete in super structure					0.00
A)	In Lintel bend Sunshade		3.26	cum	7750.00	25265.00
B)	In Slab & Beam		10.30	cum	7750.00	79825.00
C)	in columns		1.24	cum	7800.00	9672.00
5	M S /Tor steel iron work including bending binding cutting straightning etc complete i/c supply of all material, labour T&P	504	1250.00	Kg.	58.00	72500.00
6	10 mm thick ceiling plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	583+587	0.00	Sqm	193.00	0.00
7	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	586+596	0.00	Sqm	148.00	0.00
8	12 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	588	0.00	sqm	132.00	0.00
9	Providing and fixing of MS Steel door Chakhat frame i/c supply of all material, labour T&P	ANA	60.00	Kg.	84.00	5040.00
10	Providing and fixing of Z section Window with 10 mm MS gril frame i/c supply of all material, labour T&P	MR	5.81	Sqm	3600.00	20916.00
11	40 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P		0.00	Sqm	290.00	0.00

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U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Lab for Weight & Measurement Department, Gautam Budh Nagar						
(First Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
12	20 mm thick dedo skirting in 1:3 Cement C/Sand T&P Complete	597	0.00	sqm	250.00	0.00
13	Providing and fixing of Kota stone 25 mm thick with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	N.R	0.00	Sqm	900.00	0.00
14	Supply & fixing of 30 mm thick flush door shutters with door fitting complete					
A)	Double Leaf	471+472 +473	0.00	Sqm	1760.00	0.00
B)	Single Leaf	471+473	0.00	Sqm	1600.00	0.00
15	3 coat of white wash to give even shade i/c supply of all material, labour T&P	649+650	0.00	Sqm	15.00	0.00
16	Water proof cement painting 2 coat with one coat of white cement i/c supply of all material, labour T&P	660+661	0.00	Sqm	66.00	0.00
17	Painting enamel 2 coat to give an even shade i/c supply of all material, labour T&P	641	0.00	Sqm	69.00	0.00
18	Providing & fixing of 4 mm thick glass pens cut size including with T&P labour complete.		0.00	Sqm	550.00	0.00
				TOTAL		398760.55

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**U.P. State Construction and Infrastructure Development
Corporation Ltd.
Bill of Quantity**

**Name of Work:- Construction of Lab for Weight & Measurement
Department, Gautam Budh Nagar**

(Second Floor)

S. No.	ITEM	PWD S.I.N.O.	Qty.	Unit.	Rate.	Amount.
1	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure in super structure of 230 mm thick wall		6.21	cum	5070.00	31484.70
2	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure of 115 mm thick wall		2.79	cum	5195.00	14494.05
3	20 mm thick bearing plaster in 1:2 cement and coarse sand mortar i/c supply of all material, labour T&P		2.97	sqm	250.00	742.50
4	R.C.C. in 1:1.5:3 C:C/S:S/G of M-20 i/c all labour T&P complete in super structure					0.00
A)	In Lintel bend Sunshede		0.00	cum	7750.00	0.00
B)	In Slab & Beam		3.54	cum	7750.00	27435.00
C)	in coloumns		0.82	cum	7800.00	6396.00
5	120 mm thick average coba treatment in terrace complete with HO specification i/c supply of all material, labour T&P	New Item	0.00	Sqm	900.00	0.00
6	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure of 115 mm thick wall		0.80	cum	5195.00	4156.00
7	M S /Tor steel iron work including bending binding cutting straighting etc complete i/c supply of all material, labour T&P	504	406.00	Kg.	58.00	23548.00
8	10 mm thick ceiling plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	583+587	0.00	Sqm	193.00	0.00

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**U.P. State Construction and Infrastructure Development
Corporation Ltd.
Bill of Quantity**

**Name of Work:- Construction of Lab for Weight & Measurement
Department, Gautam Budh Nagar**

(Second Floor)

S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
9	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	586+596	0.00	Sqm	148.00	0.00
10	12 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	588	0.00	sqm	132.00	0.00
11	Providing and fixing of MS Steel door Chakhat frame i/c with DP Sheet door shutter of 18 gauge supply of all material, labour T&P	ANA	0.00	Kg.	87.40	0.00
12	Providing and fixing of M S railing complete i/c supply of all material, labour T&P	ANA	0.00	Kg.	87.40	0.00
13	40 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P		0.00	Sqm	290.00	0.00
14	3 coat of white wash to give even shade i/c supply of all material, labour T&P	649+650	0.00	Sqm	15.00	0.00
15	Water proof cement painting 2 coat with one coat of white cement i/c supply of all material, labour T&P	660+661	0.00	Sqm	66.00	0.00
16	Painting enamel 2 coat to give an even shade i/c supply of all material, labour T&P	641	0.00	Sqm	69.00	0.00
17	Supply & fixing of 100 mm dia PVC Pipe of 6 kg per sqcm including socket, tee, bend, clamps including supply of all material labour T&P complete.	730	0.00	Rmt	370.00	0.00
TOTAL						108256.25

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U.P. State Construction and Infrastructure Development Corporation Ltd.

PROVISION FOR NALA AS PER SITE CONDITION

**Name of Work:- Construction of Lab for Weight & Measurement Department, Gautam
Budh Nagar**

S. No.	ITEM	No.	L	B	H/D	Qty.	Unit.	PWD 01.11.2015 Bulandshahr Rate	Amount.
1	De-watering of waste water of nala from site including all T&P labour complete	1	1 Job			1 Job	Job	5000.00	5000.00
2	First Class Brick work in 1 : 4 cement & C/sand with first class bricks in S/structure in super structure of 230 mm thick wall	1	20.00	0.35	0.60	4.20			
		2	2.50	0.35	0.60	1.05			
						5.25	cum	5070.00	26617.50
3	PCC in 1:2:4 cement, sand and Stone grit 20 mm i/c supply of all material, labour T&P	1	20.00	0.35	0.10	0.70			
		2	2.50	0.35	0.10	0.18			
						0.88	cum	6800.00	5984.00
4	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	1	20.00	-	0.60	12.00			
		2	2.50	-	0.60	3.00			
						15.00	sqm	148.00	2220.00
								TOTAL	39821.50

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U.P. State Construction and Infrastructure Development Corporation Ltd.

Bill of Quantity

Name of Work:- Construction of Boring & Pump at Lab for Weight & Measurement Department, Gautam Budh Nagar

S. N.O.	ITEM	Unit.	Qty.	Rate.	Amount.
1	Drilling & Boring of 150 mm dia pipe	Rmt	54.80	200.00	10960.00
2	Supply & fixing of 110 mm dia PVC Pipe	Rmt	30.50	320.00	9760.00
3	Supply & fixing of 110 mm dia slotted PVC Pipe	Rmt	18.30	400.00	7320.00
4	Supply & fixing of nylon jali	Job	1.00	500.00	500.00
5	Transportaion of boring set	Job	1.00	2000.00	2000.00
6	Lowering work of PVC pipe 110 mm	Rmt	48.80	250.00	12200.00
7	Supply & fixing of 32 mm dia GI Pipe	Rmt	24.00	208.00	4992.00
8	Submerssible pump 1.50 HP single phase	No	1.00	14500.00	14500.00
9	Electrical cable 1.5 mm	Rmt	1.00	2500.00	2500.00
10	Electrical Pannel board starter	No	1.00	3000.00	3000.00
11	Installation of submerssible pump 1.00 HP	No	1.00	1000.00	1000.00
12	Providing & fixing of End cap & fitting	Job	1.00	255.00	255.00
13	Supply & laying of GI pipe 25 mm dia complete 1x1 25.00rmt	Rmt	15.00	176.00	2640.00
14	Supply & laying of GI pipe 20 mm dia complete 1x4x10.00= 40.00rmt	Rmt	40.00	164.00	6560.00
			TOTAL		78187.00
			Say = 78,187.00		

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**UP STATE CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT
CORPORATION Ltd.**

erstwhile:- U.P. SAMAJ KALYAN NIRMAN NIGAM LTD

BILL OF QUANTITY

**Name of Work:- Construction of Lab for Weight & Measurement Department,
Modinagar, Ghaziabad**

S. No.	Description		Amount
1	Cost of Main Building	Rs.	1006006.67
2	Cost of Sanitary & Water Supply	Rs.	0.00
3	Cost of Boundary Wall Complete	Rs.	0.00
4	Cost of Submersible pump & boring	Rs.	78187.00
5	Cost of Internal Electrification	Rs.	0.00
7	Cost of Site Development	Rs.	0.00
	Total	Rs.	1084193.67

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U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Lab for Weight & Measurement Department, Modinagar, Ghaziabad						
(Ground Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
1	cleaning of jungle i/c uprooting of roots vagitation etc	259 (i)	249.00	Sqm	3.50	871.50
2	Providing layout of building including making of pillar for center line / plinth	N.R	76.54	Sqm	10.00	765.40
3	Earth work in excavation in foundation with ordinary soil	251	40.72	Cum	84.00	3420.48
4	PCC in 1:5:10 cement, sand and brick ballast 40 mm i/c supply of all material, labour T&P	281	8.74	Cum	3200.00	27968.00
5	Brick work in foundation & plinth with 1 :4 cement &C.sand motar i/c supply of all material, labour T&P	305A	36.59	Cum	4550.00	166484.50
6	RCC work in 1:1.5:3 Cement Coarse sand and stone grit of M-20 grade in coloumn in plinth Bend i/c supply of all material, labour T&P.	5.12 NI	2.12	Cum	7750.00	16430.00
7	Class150 brick work in 1:4 Cement and coarse sand mortar 9 inch thick in super structure i/c supply of all material, labour T&P	305A+309+310	34.43	Cum	5070.00	174560.10
8	RCC work in 1:1.5:3 Cement Coarse sand and stohe grit in Lintel Bend i/c supply of all material, labour T&P	NI 5.12	2.63	Cum	7750.00	20382.50
9	20 mm thick bearing plaster in 1:2 cement and coarse sand mortar i/c supply of all material, labour T&P	597	14.16	Sqm	250.00	3540.00
10	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in slab and beams i/c supply of all material, labour T&P	NI 5.12	10.63	Cum	7750.00	82382.50
11	CLASS 150 brick work in 1:4 Cement and coarse sand mortar 4.5 inch thick i/c supply of all material, labour T&P	289	1.48	Cum	5195.00	7688.60
12	CLASS 150 R/ brick work in 1:3 Cement and coarse sand mortar 4.5 inch thick i/c supply of all material, labour	305A+309+310A	0.77	Cum	5195.00	4000.15
13	120 mm thick average coba treatment in terrace complete with HO specification i/c supply of all material, labour T&P	New Item	81.32	Sqm	900.00	73188.00
14	10 mm thick ceiling plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	583+587	86.52	Sqm	193.00	16698.36
15	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	586+596	201.17	Sqm	148.00	29773.16

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U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Lab for Weight & Measurement Department, Modinagar, Ghaziabad						
(Ground Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
16	12 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	588	203.61	sqm	132.00	26876.52
17	Making drip course with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	NI 13.18	20.75	Rmt.	20.00	415.00
18	Fixing of wall tile with 1:3 cement and coarse sand mortar in walls i/c supply of all material, labour T&P	6.2.8 14.22	22.83	Sqm	880.00	20090.40
19	Supply and filling of earth under floors including compaction complete i/c supply of all material, labour T&P	ANA	204.20	Cum	510.00	104142.00
20	Sand filling under floors compaction complete i/c supply of all material, labour T&P	ANA	0.00	Cum	1650.00	0.00
21	Soling brick on edge along apron in 1:4 cement and coarse sand mortar i/c supply of all material, labour T&P	305A+30 9+310A	0.00	Cum	4550.00	0.00
22	PCC in 1:5:10 cement, Sand and 40 mm Brick ballast i/c supply of all material, labour T&P	274	8.60	Cum	3200.00	27520.00
23	Providing and fixing of Vitrified tiles in 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	NI 14.26	47.08	Sqm	1300.00	61204.00
24	Providing and fixing of Kota stone 25 mm thick with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	N.R	7.02	Sqm	900.00	6318.00
25	Providing and injecting chemical for pre constructions Antitermite treatment.		76.54	Sqm	180.00	13777.20
26	25 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P	601 A	0.00	Sqm	230.00	0.00
27	40 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P		0.00	Sqm	290.00	0.00

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(Ground Floor)						
S. No.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
28	Providing and fixing of MS Steel door Chakhat frame i/c supply of all material, labour T&P	ANA	81.00	Kg.	84.00	6804.00
29	Providing and fixing of Z section Window with 10 mm MS gril frame i/c supply of all material, labour T&P	MR	11.30	Sqm	3600.00	40680.00
30	Supply & fixing of 30 mm thick flush door shutters with door fitting complete					
A)	Double Leaf	471+472+473	0.00	Sqm	1760.00	0.00
B)	Single Leaf	471+473	0.00	Sqm	1600.00	0.00
31	Providing&fixing of collepsible steel shutter complete in all respect i/c supply of all material, labour T&P	518	0.00	Sqm	2850.00	0.00
32	M S /Tor steel iron work including bending binding cutting straighting etc complete i/c supply of all material, labour T&P	504	1207.35	Kg.	58.00	70026.30
33	Making good surface by J K /Birla putti i/c supply of all material, labour T&P	New Item	0.00	Sqm	55.00	0.00
34	Oil bound distemper 2 coats with 1 coat of cement primer to give an even shade i/c supply of all material, labour T&P	649+650	0.00	Sqm	68.00	0.00
35	Water proof cement painting 2 coat with one coat of white cement i/c supply of all material, labour T&P	660+661	0.00	Sqm	66.00	0.00
36	Providing and fixing of M S railing complete i/c supply of all material, labour T&P	ANA	0.00	Kg.	87.40	0.00
37	Painting enamel 2 coat to give an even shade i/c supply of all material, labour T&P	641	0.00	Sqm	69.00	0.00
38	Providing & fixing of 4 mm thick glass pens cut size including with T&P labour complete.		0.00	Sqm	550.00	0.00
39	Providing & fixing of 32 mm thick S.S. pipe with all fitting in handicapped toilet including with T&P labour complete.		0.00	Rmt.	565.00	0.00
				TOTAL		1006006.67

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**U.P. State Construction and Infrastructure Development Corporation
Ltd.**

Bill of Quantity

**Name of Work:- Construction of Boring & Pump Lab for Weight &
Measurement Department, Modinagar, Ghaziabad**

S. N.O.	ITEM	Unit.	Qty.	Rate.	Amount.
1	Drilling & Boring of 150 mm dia pipe	Rmt	54.80	200.00	10960.00
2	Supply & fixing of 110 mm dia PVC Pipe	Rmt	30.50	320.00	9760.00
3	Supply & fixing of 110 mm dia slotted PVC Pipe	Rmt	18.30	400.00	7320.00
4	Supply & fixing of nylon jali	Job	1.00	500.00	500.00
5	Transportaion of boring set	Job	1.00	2000.00	2000.00
6	Lowering work of PVC pipe 110 mm	Rmt	48.80	250.00	12200.00
7	Supply & fixing of 32 mm dia GI Pipe	Rmt	24.00	208.00	4992.00
8	Submerssible pump 1.50 HP single phase	No	1.00	14500.00	14500.00
9	Electrical cable 1.5 mm	Rmt	1.00	2500.00	2500.00
10	Electrical Pannel board starter	No	1.00	3000.00	3000.00
11	Installation of submerssible pump 1.00 HP	No	1.00	1000.00	1000.00
12	Providing & fixing of End cap & fitting	Job	1.00	255.00	255.00
13	Supply & laying of GI pipe 25 mm dia complete 1x1 25.00rmt	Rmt	15.00	176.00	2640.00
14	Supply & laying of GI pipe 20 mm dia complete 1x4x10.00= 40.00rmt	Rmt	40.00	164.00	6560.00
			TOTAL		78187.00
		Say = 78,187.00			

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**UP STATE CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT
CORPORATION Ltd.**

erstwhile:- U.P. SAMAJ KALYAN NIRMAN NIGAM LTD

BILL OF QUANTITY

Name of Work:- Construction of Barbed Wire Fencing Work at Talheta, Ghaziabad

S. No.	Description		Amount
1	Cost of Barbed Wire Fencing Work 300.30 m @ 2153.42	Rs.	646672.03
	Total	Rs.	646672.03

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P.W.D	Items	Unit	No	L	B	D/H	Qty.	Rates	Amount
251	Excavation in foundation in ordinary soil (Loan clay of sand) including lift upto 1.5m 5 fts.) and lead upto 30m. (100 fts.) & including filling, watering and ramming of excavated earh into the trenches or into the space between the building and the sides of foundation trenches or into the plinth and removal and disposal of surplus earth as directed by the Engineer-in-charges upto a distance by the Engineer-in-charges upto a distance of 30m. (100 fts.) from the foundation trenches.								
	Foundation trech	m ³	21.00	0.75	0.75	0.75	8.86	92.00	815.12
275	Providing and laying cement concrete 1:4:8 (1 cement : 4 fine sand : 8 graded brick aggregate 40mm 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 fom work in foundation & floors.								
		m ³	21.00	0.75	0.75	0.10	1.18	3790.00	4472.20
7	Cost cement concrete door sills chaukhats boundry posts, shelves and simillar small work with cement approved Coarse sand and 2 cm. (3/4") gauge approved stone ballast in the proportion of 1:2.4 (1 cement : 2 coarse sand : 4 graded stone ballast 20 mm nominal size) excluding supply of reinforcement and its binding but including its fixing and binding the same with 24 B.W.G.I binding wire, moulds and all other materials, labour and T&P etc. required for proper completion of the work.								
8 282		m ³	21.00	0.60	0.60	0.60	4.54	7550.00	34277.00

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Analysis of Rates

Name of work :- Barbed wire fencing work with precast RCC Post in Rajkiya Krishi Prakashetra Katiyar Lucknow Under Rashtriya Krikshi Vikash Yojna. (Take 42 Rmt)

P.W.D	Items	Unit	No	L	B	D/H	Qty.	Rates	Amount
	Fencing work with precast RCC post placed at 2.40mt center to center embedded in cement concrete block 60x60x60 cm with 1:5:3 [1 cement : 1.5 coarse sand 3 graded stone ballast 20mm nominal size] including earth work 75x75x75cm and 10 cm based cement concrete 1:4:8 [1 cement 4 and 8 40mm brick ballast] and every one end post and corner post shall be strutted on both sides and end post one side only provided fencing with barbed wire weighing 38kg per 100 meter in 7 rows horizontal lines and 2 rows diagonals between the two posts fitted and fixed with GI staples on wooden plugs complete.								
	Taken Quty 42.00 meter								
259	Clearing Jungla including uprooting of rank vegetations grass, bush, wood trees and saplings of girth upto 30cm. Measured at heigh of 1 metre above ground level & removal of rubbish upto a distance of 50 metres out side the periphery of area cleared.								
		m ²	21.00	2.00	2.00		84.00	3.85	323.40

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No	P.W.D	Items	Unit	No	L	B	D/H	Qty.	Rates	Amount
9		Providing and fixing of pre cost RCC post 2.50 metre height costed with 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone ballast 20mm nominal size) complete bottom size 200x200mm & top 150x150mm.								
			No	21				21.00	1985.00	41685.00
10		Provided fencing with barbed wire weighing 9.38 kg per 100 meter in 7 rows horizontal lines and 2 rows diagonals between the two posts fitted and fixed with G.I. Staples on wooden plugs								
		Horizontally	Rmt.	7	42			294		
		Diagonally 21x2	Rmt.	42	3.61			151.62		
		Total						445.62	17.25	7686.95
11	Nigam rate	Filling of excavated earth with watering & ramming.								
		Same as item No-2	m ³					8.86		
		Less item No-3 (-)						1.18		
		Less item No-4 (-)						4.54		
		Nigam Rate Total						3.14	44.00	138.16
12	CPWD 2.28	Surface Dressing Levelling complete with all respect.								
		CPWD 2.28	m ²	21	2	2		84	12.45	1045.80
										90443.63

$$\text{RATE PER RMT} = \frac{90,443.63}{42}$$

$$= 2153.42$$

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U.P.State Construction and Infrastructure Development Corporation Ltd			
(rstwhile:- U.P.Samaj Kalyan Nirman Nigam Ltd.)			
Name of Work:- PAINTING & DISTEMPERING WORK AT R.T.O. BUILDING, GHAZIABAD. (PARTIAL WORK)			
<u>SUMMARY OF COST</u>			
S.No.	Particulatrs		Amount
1	Cost of Painting & Distempering Work	Rs.	167697.33
2	Total	Rs.	167697.33
3	Add Contingency @2%	Rs.	3353.95
4	Total	Rs.	171051.28
5	Less 5% as Work Done by Nigam	Rs.	8552.56
6	Total	Rs.	162498.71
7	Add 12.5% Centage	Rs.	20312.34
8	Total	Rs.	182811.05
9	Add Labour Cess @1% on	Rs.	1624.99
10	Add Service Tax @ 9.13%	Rs.	15616.98
11	Total	Rs.	200053.02
			say Rs. 2.00 Lacs.


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U.P.State Construction and Infrastructure Development Corporation Ltd
(rstwhile:- U.P.Samaj Kalyan Nirman Nigam Ltd.)

Name of Work:- PAINTING & DISTEMPERING WORK AT R.T.O. BUILDING, GHAZIABAD.
(PARTIAL WORK)

Bill Of Quantity

S.No.	UPPWD	Particyulars	Unit	Qty.	Rate	Amount
1	Si/708	Scraping of old surface i/c labour T&P all etc complete.	sqm	1129.59	7.00	7907.13
2	657	Removing & painting varnishing with paint memonere complete.	sqm	265.98	16.00	4255.68
3	15.22/46	Providing wall putty on old surface with apporved quality material of berger JK/ Birla as similar make two coat .	sqm	1129.59	48.00	54220.32
4	649,650	Distempering two coat with OBD i/c supply labour T&P all etc complete.	sqm	1129.59	67.00	75682.53
5	643	Two coat enamel painting on previous painted surface on old work or iron work i/c supply labour T&P all etc complete.	sqm	265.98	63.00	16756.74
6	21.b.8	P/f white vitreour china wash basin (630x450) on complete in all respect.	no	1.00	710.00	710.00
7	706	Dismantling of exiting plaster i/c labour T&P all etc complete.	sqm	58.91	15.00	883.65
8	586+596	12/15 mm thick plaster with 1:6 C:C/s mortar i/c supply labour T&P etc all complete.	sqm	58.91	123.60	7281.28
		Total				167697.33


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UP STATECONSTRUCTION & INFRASTRUCTURE DEVELOPMEN CORPORATION Ltd.				
rstwhile:- U.P. SAMAJ KALYAN NIRMAN NIGAM LTD				
ABSTRECT OF COST				
NAME OF WORK : CONSTRUCTION OF TOILET BLOCK at GOVT. GIRLS INTER COLLAGE, Badalpur GHAZIABAD				
S.No.	Description			Amount
1	Cost of Civil Works			Rs. 715060.75
4	Cost of Septic Tank			Rs. 73596.21
4	Cost of Soak Pit			Rs. 22438.00
6	Cost of Submersible Pump			Rs. 50000.00
	Total			Rs. 861094.96
11	Cost of Contingencies &w/c establishment @2%			Rs. 17221.90
	Total			Rs. 878316.86
12	Less 5% due to work done by Nigam			Rs. 43915.84
	Total			Rs. 834401.01
13	Add Centage Charges @12.5%			Rs. 104300.13
14	Labour Cess @1%			Rs. 8344.01
	Total			Rs. 947045.15
15	Add. Service Tax@5.8%			Rs. 54928.62
	Total			Rs. 1001973.77
	TOTAL			Rs. 1001973.77


 Junior Engineer
 U.P. State Construction & Infrastructure
 Development Corporation Ltd.
 Ghaziabad


 अधिशासी अभियन्ता
 यूपी० स्टेट कंस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर
 डेवलपमेंट कॉर्पोरेशन लि०, गाजियाबाद

**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

Name of Work:- Construction of Toilet Block of Govt. Inter College,

Badalpur Ghaziabad

S. N.O.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
1	cleaning of jungle i/c uprooting of roots vagitation etc	259 (i)	150.00	Sqm	3.50	525.00
2	Providing layout of building including making of pillar for center line / plinth	N.R	62.06	Sqm	10.00	620.60
3	Earth work in excavation in foundation with ordinary soil	251	28.79	Cum	84.00	2418.01
4	PCC in 1:5:10 cement, sand and brick ballast 40 mm i/c supply of all material, labour T&P	274	6.08	Cum	3200.00	19446.48
5	Brick work in foundation & plinth with 1 :6 cement & C.sand mortar i/c supply of all material, labour T&P	303 + (305A- 305)	17.38	Cum	4250.00	73859.23
6	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in plinth Bend i/c supply of all material, labour T&P	5.12 NI	3.62	Cum	7750.00	28061.01
7	Class 150 brick work in 1:6 Cement and coarse sand mortar 9 inch thick in super structure i/c supply of all material, labour T&P	305A+30 9+310	23.35	Cum	4960.00	115802.04
8	Class 150 brick work in 1:4 Cement and coarse sand mortar 4.5 inch thick i/c supply of all material, labour T&P	305A+309 +310A	4.27	Cum	4840.00	20663.78
9	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in Lintel Bend i/c supply of all material, labour T&P	NI 5.12	2.22	Cum	7750.00	17210.70

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Junior Engineer
U.P. State Construction & Infrastructure
Development Corporation Ltd.
Ghaziabad

[Signature]

अधिरासी अभियन्ता
यूपी स्टेट कंस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर
डवलपमेंट कॉर्पोरेशन लि०, गाज़ियाबाद


**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

**Name of Work:- Construction of Toilet Block of Govt. Inter College,
Ghaziabad**

S. N.O.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
10	20 mm thick bearing plaster in 1:2 cement and coarse sand mortar i/c supply of all material, labour T&P	597	8.73	Sqm	250.00	2183.28
11	RCC work in 1:1.5:3 Cement Coarse sand and stone grit in slab and beams i/c supply of all material, labour T&P	NI 5.12	9.99	Cum	7750.00	77451.84
12	CLASS 150 brick work in 1:4 Cement and coarse sand mortar 4.5 inch thick i/c supply of all material, labour T&P	305A+309 +310A	1.85	Cum	4840.00	8951.80
13	120 mm thick average coba treatment in terrace complete with HO specification i/c supply of all material, labour T&P	New Item	62.78	Sqm	900.00	56502.00
14	10 mm thick ceiling plaster with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	583+587	70.92	Sqm	193.00	13686.70
15	15 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	586+596	58.34	Sqm	165.00	9625.77
16	12 mm thick plaster with 1:6 cement and coarse sand mortar i/c supply of all material, labour T&P	587	128.52	sqm	149.00	19149.29
17	20 mm thick plaster roof with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	597	3.01	sqm	250.00	752.63
18	Making drip course with 1:3 cement and coarse sand mortar i/c supply of all material, labour T&P	NI 13.18	6.30	Rmt.	20.00	126.00
19	Fixing of <u>Vitrified wall tile</u> with 1:3 cement and coarse sand mortar in walls i/c supply of all material, labour T&P	NI 14.26	0.00	Sqm	1300.00	0.00


Junior Engineer
U.P. State Construction & Infrastructure
Development Corporation Ltd.
Ghaziabad


अधिशारी अभियन्ता
यूपीओ स्टेट कंस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर
डेवलपमेंट कारपोरेशन लि०, गाजियाबाद


**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

**Name of Work:- Construction of Toilet Block of Govt. Inter College,
Ghaziabad**


S. N.O.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
20	Supply and filling of earth under floors including compaction complete i/c supply of all material, labour T&P	ANA	29.58	Cum	510.00	15085.20
21	Sand filling under floors compaction complete i/c supply of all material, labour T&P	ANA	5.36	Cum	1650.00	8845.47
22	Soling brick on edge along apron in 1:4 cement and coarse sand mortar i/c supply of all material, labour T&P	305A+309 +310A	0.65	Cum	4840.00	3144.23
23	PCC in 1:5:10 cement, Sand and 40 mm brick ballast i/c supply of all material, labour T&P	274	6.84	Cum	3200.00	21888.59
24	Providing and fixing of vitrified tiles in 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	NI 14.26	0.00	Sqm	1300.00	0.00
25	Providing and fixing of Granite stone with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all	NI2 14.26	3.54	Sqm	3406.67	12059.61
26	Providing and fixing of granite stone with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all	DSR 8.12	27.31	Sqm	3406.67	93042.97
27	Providing and fixing of checkered tile with 1:3 cement and coarse sand mortar finish with white cement slurry, jointing and polishing complete including supply of all material T&P	DSR 11.20.4	0.00	Sqm	691.05	0.00
28	25 mm thick PCC flooring with 1:2:4 cement, coarse sand and stone grit in apron i/c supply of all material, labour T&P	601 A	0.00	Sqm	230.00	0.00
29	Providing and fixing of Aluminium door frame i/c supply of all material, labour T&P	ANA	0.00	Sqm	5500.00	0.00


 Junior Engineer
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 Development Corporation Ltd.
 Ghaziabad


 अधिकारी अभियन्ता
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 डेवलपमेंट कॉर्पोरेशन लिमिटेड, गाज़ियाबाद

U.P. State Construction and Infrastructure Development Corporation Ltd. Bill of Quantity Name of Work:- Construction of Toilet Block of Govt. Inter College, Ghaziabad						
S. N.O.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
30	Providing and fixing of Aluminium grill frame i/c supply of all material, labour T&P	MR	0.00	Sqm	1650.00	0.00
31	Providing&fixing of collepsible steel shutter complete in all respect i/c supply of all material, labour T&P	518	4.20	Sqm	2850.00	11970.00
32	M S /Tor steel iron work including bending binding cutting straighting etc complete i/c supply of all material, labour T&P	504	1339.63	Kg.	58.00	77698.54
33	Making good surface by J K /Birla putti i/c supply of all material, labour T&P	New Item	0.00	Sqm	55.00	0.00
34	Oil bound distemper 2 coats with 1 coat of cement primer to give an even shade i/c supply of all material, labour T&P	649+650	0.00	Sqm	68.00	0.00
35	Water proof cement painting 2 coat with one coat of white cement i/c supply of all material, labour T&P	660+661	0.00	Sqm	66.00	0.00
36	Providing and fixing of M S railing complete i/c supply of all material, labour T&P	ANA	0.00	Kg.	87.40	0.00


 Junior Engineer
 U.P. State Construction & Infrastructure
 Development Corporation Ltd.
 Ghaziabad


 अजिताली अभियन्ता
 राष्ट्रीय स्टेट कंस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर
 डेवलपमेंट कॉर्पोरेशन लिमिटेड, गाजियाबाद

**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

**Name of Work:- Construction of Toilet Block of Govt. Inter College,
Ghaziabad**

S. N.O.	ITEM	PWD S.I.NO.	Qty.	Unit.	Rate.	Amount.
37	Painting enamel 2 coat to give an even shade i/c supply of all material, labour T&P	641	0.00	Sqm	58.50	0.00
38	Providing and fixing of Box type fan hook with cover i/c supply of all material, labour T&P	1149	0	No.	163.00	0.00
39	Providing and fixing of Ceiling Fan i/c supply of all material, labour T&P	MR	0	No.	1700.00	0.00
40	Providing and fixing of Exhaust Fan i/c supply of all material, labour T&P	MR	0	No.	3100.00	0.00
41	Providing and fixing of Table and Chair i/c supply of all material, labour T&P	MR	0	No.	5000.00	0.00
42	Providing and fixing of Aluminium Ladder i/c supply of all material, labour T&P	MR	0	No.	3500.00	0.00
43	Providing and fixing of PVC Rain Water pipe Concealed in walls 100 mmdia i/c supply of all material, labour T&P	MR	6.60	Rmt.	650.00	4290.00
44	Providing and fixing of Glass Stirrups 22x5 mm	631 C		Rmt.	16.00	0.00
				TOTAL		715060.75



Junior Engineer
U.P. State Construction & Infrastructure
Development Corporation Ltd.



अविश्वसी अभियन्ता
गुपीड स्टेट कांस्ट्रक्शन एण्ड इन्फ्रास्ट्रक्चर
डेवलपमेंट कॉर्पोरेशन लिमिटेड, गाजियाबाद

With common burnt clay F.P.S. (non modular)
bricks of class designation 7.5 [19.4.3.1 / 350]

	nos	3.00	1635.00	4905.00
3	Construction brick masonry manhole in cement mortar 1:4 c:c/s with R.C.C. top slab with 1:2:4 c:c:s/g foundation concrete 1:4:8 c:c:s/b inside plastering 12 mm thick 1:3 c:c/s finished with floating coat of neat cement and making channels in cement concrete 1:2:4 c:c:s/g finished with floating coat of neat cement complete as per standard design :			
	a) Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions With common burnt clay F.P.S. (non modular) bricks of class designation 7.5 [19.7.1.1 / 351]			

nos	6.00	8062.70	48376.20
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Total of Drainage
Less 5%
Net Total

TOTAL	Rs	13962.00
	Rs	698.10
	Rs	13263.90

D SEPTIC TANK / SOAK PIT

- 1 Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth . 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth , lead upto 50 m and lift upto 1.5 m, disposed earth to be levelled and neatly dressed.

All kinds of soil (2.6.1)	cum	25.30	146.50	3705.86
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- 2 Providing and laying in position cement concrete of specified grade excluding the cost of centering & shuttering - All work up to plinth level :
1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).

(4.1.8)	cum	1.52	3920.65	5950.61
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- 3 Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in :

Cement mortar 1:6 (1 cement : 6 coarse sand) (6.1.2)

Junior Engineer
U.P. State Construction & Infrastructure
Development Corporation Ltd.
Ghaziabad

cum	2.73	4646.50	12698.84
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डेवलपमेंट कारपोरेशन लिमिटेड, गाजियाबाद

4	40mm thick Cement concrete flooring 1:2:4 1:2:4 (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size). (11.3)	sqm	3.75	316.80	1188.00
5	20 mm cement plaster of mix finished with a floating coat of neat cement plaster 1:3 (1Cement : 3 Coarse sand) (13.9.2)	sqm	56.08	269.00	15084.34
6	Providing and laying in position specified grade of RCC excluding the cost of shuttering , finishing and reinforcement 1;1.5:3 (1 Cement : 1.5 coarse sand: 3 stone grit 20mm nominal size) All works upto plinth level (5.1.2) Slab and Slab Beams	cum	1.45	5552.25	8052.98
7	Steel Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto & above plinth level. Thermo-Mechanically Treated Bars (5.22.6)	kg	284.64	66.50	18928.63
9	Raising manhole cover and frame slab to required level . Rectangular manhole 90x80cm with rectangular cover 600x450mm grade LD- 2.5 (19.26.1)	nos	2.00	1446.35	2892.70
10	Centering and shuttering including strutting, propping etc and removal of form for Slab (5.9.3)	sqm	13.70	371.80	5094.25
11	Making soakpit 2.5m dia 3.0m deep with 45x45 cm dry brick honeycomb shaft with bricks and SW Drain pipe 150mm dia 1.8m long complete as per standard design [19.32.1/357]	each	1.00	16705.45	16705.45
TOTAL					73596.21

Total of Drainage

Rs 90301.66

UP State
UP State
Dev

Infrastructure
Con Ltd.

श्री. ए. सी. शर्मा एंड कंपनी प्रा. लि.
इंजीनियरिंग कंसल्टिंग फर्म, गाजियाबाद

STATE CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT CORPORATION LTD.					
(erstwhile: U.P. Samaj Kalyan Nirman Nigam Ltd.)					
ANALYSIS OF RATE					
Name of work:- Construction of Soak Pit(25 Users)					
S.No.	Particulars	Unit	Qty	Rate.	Amount
1	Earth work in excavation in foundation with ord soil including lead upto 30m & lift upto 1.5m $1 \times 3.14/4 \times 2.6 \times 2.6 \times 1.50$	cum	7.95	84.00	667.8
	Same quantity as above but above 1.5m lift & 30m lead $1 \times 3.14/4 \times 2.6 \times 2.6 \times 1.00$	cum	5.3	96.00	508.8
2	Brick work in 1:4: cement & C/ sand mortar including supply of all material labour T&P etc all complete. $3.14 \times 2.345 \times 0.345 \times 0.45 = 1.14 \text{ Cum}$ $2 \times 2 \times 0.72 \times 0.115 \times 2.20 = 0.72 \text{ Cum}$	cum	1.86	4450.00	8277.00
	Total = 1.86 Cum				
3	Supply & filling of B/Bats in soak Pit $3.14/4 \times 2.00 \times 2.00 \times 2.20 = 6.90 \text{ Cum}$ $1 \times 1 \times 0.83 \times 0.83 \times 2.2 = (-) 1.51 \text{ Cum}$ Total = 5.39 Cum	cum	5.39	950.00	5120.5
4	Steel reinforcement of MS Bar including cutting, bending complete. $4 \times 2 \times 2.40 @ 0.625 = 12.00$ $4 \times 2 \times 2.10 @ 0.625 = 10.50$ $4 \times 2 \times 1.90 @ 0.625 = 9.50$ $4 \times 2 \times 1.40 @ 0.625 = 7.00$ $4 \times 2 \times 1.20 @ 0.625 = 6.00$ Total = 45.00 Kg	kg	45.00	58.00	2610.00
5	RCC in 1:2:4 cement c/sand & st grit $3.14/4 \times 2.46 \times 2.46 \times 0.15 = 0.71 \text{ Cum}$	cum	0.71	7400.00	5254.00
					22438.1
				Say Rs.	22438.00


 Junior Engineer
 U.P. State Construction & Infrastructure
 Development Corporation Ltd.



**U.P. State Construction and Infrastructure Development
Corporation Ltd.**

Bill of Quantity

**Name of Work:- Construction of Toilet Block of Govt. Inter College,
Gautam Budh Nagar.**

S. N.O.	ITEM	Unit.	Qty.	Rate.	Amount.
1	Drilling & Boring of 150 mm dia pipe	Rmt	54.80	175.00	9590.00
2	Supply & fixing of 110 mm dia PVC Pipe	Rmt	30.50	320.00	9760.00
3	Supply & fixing of 110 mm dia slotted PVC Pipe	Rmt	18.30	350.00	6405.00
4	Supply & fixing of nylon jali	Job	1.00	500.00	500.00
5	Transportaion of boring set	Job	1.00	2000.00	2000.00
6	Supply & fixing of 32 mm dia GI Pipe	Rmt	24.00	208.00	4992.00
7	Submerssible pump 1.00 HP single phase	No	1.00	10000.00	10000.00
8	Electrical cable 1.5 mm	Rmt	1.00	2000.00	2000.00
9	Electrical Pannel board starter	No	1.00	1500.00	1500.00
10	Installation of submerssible pump 1.00 HP	No	1.00	1000.00	1000.00
11	Providing & fixing of End cap & fitting	Job	1.00	250.00	250.00
12	Supply & laying of GI pipe 25 mm dia complete 1x1 25.00rmt	Rmt	12.00	176.00	2112.00
			TOTAL		50109.00
			Say = 50,000.00		


J.E.


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