

**U.P. STATE CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT CORPORATION  
LTD. BAHRAICH**

Name of work:- Construction of Toilet Block at G.G.I.C.

<b>SUMMARY OF COST</b>		
क्र.सं	विवरण	धनराशि (रु. लाख में)
1	सिविल कार्य की लागत	1103817.34
2	सबमर्सिबल पम्प एवं बोरिंग के कार्य की लागत	98000.00
3	सेनेटरी एवं वाटर सप्लाई कार्य की लागत	370326.00
4	आन्तरिक विद्युतिकरण के कार्य की लागत	60000.00
5	वाटर कूलर के कार्य की लागत (एक मुस्त)	40000.00
	<b>Total</b>	<b>1672143.34</b>
	घटाया :- निगम द्वारा कार्य कराये जाने पर 5% कमी	83607.17
	<b>Total</b>	<b>1586707.61</b>
	<b>Say in Lac</b>	<b>15.87</b>

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## BILL OF QUANTITY

S/No	Particulars	SOR/ ANLY	Qty	Unit	Rate	Amount
1	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.	4.75+ 5.6%	300.00	m2	6.42	1926.00
2	Layout of school building including making centre line pillar		60.07	m2	8.98	539.43
3	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 30m.	251	33.36	m³	91.00	3035.76
4	Providing and laying of cement concrete 1:4:8 (1 cement : 4 course 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.	275	6.85	m³	3750.00	25687.50
5	Class - 150 brick work in 1:6 cement and course sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	307B+ Dif. 490	21.70	m³	5300.00	115010.00
6	R.C.C. work with cement approved course 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. Plinth bend	(7310+500) 283+ Dif.	1.91	m³	7810.00	14917.10
7	Class - 150 brick work in 1:6 cement and course sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	307B+ Dif. 490	20.67	m³	5725.00	118335.75
8	Class - 150 brick work in 1:3 cement and course sand mortar in foundation and plinth including supply of all materials, labour and T&P etc. required for proper completion of the work.	307B+ Dif. 490	4.20	m3	5975.00	25095.00
9	R.C.C. work with cement approved course 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. Lintel bend	305a+ 309+ 310+ 310a (5000+ 225+ 200+ 100+ 320)	1.97	m3	7810.00	15385.70
10	R.C.C. work with cement approved course 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. For sunshed	305a+ 309+ 310+ 310a (5000+ 225+ 200+ 100+ 320)	1.02	m3	8700.00	8874.00

## BILL OF QUANTITY

Sl No	Particulars	SQR/ ANLY	Qty	Unit	Rate	Amount
11	20mm thick bearing plaster in 1:3 cement:C/Sand mortar with neat cement finish i/c all material labour T&P etc. complete.	17.63	10.72	m3	218.00	2336.96
12	R.C.C. work with cement approved course 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. For slab	289b	9.28	m3	8700.00	80736.00
13	S/Fixing Earth in Room		29.59	m3	430.00	12723.70
14	Sand filling in plinth under floor including watering ramming, consolidating and dreshing complete.		3.70	m3	1063.00	3933.10
15	Providing and laying of cement concrete 1:4:8 (1 cement : 4 course 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.	275	5.25	m3	3750.00	19687.50
16	Mild steel for R.C.C. work		14.27	qtl	6650.00	94895.50
17	Fabrication supply and fixing of M.S. Angle Iron (40x410x6mm) in chaukhats for door, windows and ventilators i/c using M.S. iron etc.		127.40	kg	87.00	11083.80
18	P/Fixing aluminum work for doors windows ventilators and partitions with up standard tubular section/approved made conforming to IS:733 and IS:DSR 21.1.12		188.56	kg	377.75	71228.54
19	As per item no 18 above but for shutter of window and ventilator powder coated aluminium (Minium thickness of powder coating 50 micro)DSR 21.1.22		356.70	kg	435.75	155432.03
20	P/Fixing aluminum butt hinges anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to requiried colour or shade with necessary screws etc complete 75x63x4mm DSR 9.95.6		42.00	no	108.85	4571.70
21	P/Fixing aluminum butt hinges anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to requiried colour or shade with necessary screws etc complete 300x16mm DSR 9.95.1		60.00	no	81.30	4878.00
22	P/fixing anozied aluminum door window sentilation shutters and partiuons etc. with EPDM ruber		5.83	m²	1054.20	6145.99
23	P/Fixing anodized aluminum grill (anodic coating not less than grade AC 15) of approved standard section and fixed to the existing window frame with C.P. brass/stainless steel screws @ 200mm center to center		26.50	kg	403.35	10686.78
24	P/Fixing aluminum doors bolts anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to requiried colour or shade with necessary screws etc complete 75x63x4mm DSR 9.96.1		2.00	no	229.65	459.30
25	P/Fixing aluminumdoors boult anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to requiried colour or shade with necessary screws etc complete 75x63x4mm DSR 9.96.2		11.00	no	189.00	2079.00
26	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to requiried colour or shade with necessary screws etc complete 200x10mm DSR 9.97.1		4.00	no	112.10	448.40

## BILL OF QUANTITY

Sl No	Particulars	SOR/ ANLY	Qty	Unit	Rate	Amount
27	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to required colour or shade with necessary screws etc complete 100x10mm DSR 9.97.3		22.00	no	79.25	1743.50
28	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to required colour or shade with necessary screws etc complete 100x10mm DSR 9.97.5		60.00	no	52.35	3141.00
29	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to required colour or shade with necessary screws etc complete 125mm DSR 9.100.1		28.00	no	69.80	1954.40
30	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to required colour or shade with necessary screws etc complete 100mm DSR 9.100.2		30.00	no	55.10	1653.00
31	P/Fixing aluminum tower bolts ISI marked anodized (anodic coating not less than grade AC 10 as per IS: 1868) Transparent or dyed to required colour or shade with necessary screws etc complete Twin rubber stopper) DSR 9.101.2		14.00	no	83.95	1175.30
32	12 to 15mm cement plaster in single coat on rough side of single or half brick wall for interior plastering upto loor two level including internal rounded angles not exceeding 80 mm in girth and finished even and smooth (i) 1 cement : 6 coase sand		51.34	m2	177.00	9087.18
33	12 to 15mm cement plaster in single coat on rough side of single or half brick wall for interior plastering upto loor two level including internal rounded angles not exceeding 80 mm in girth and finished even and smooth (i) 1 cement : 4 coase sand		102.60	m2	183.45	18821.97
34	12 to 15mm cement plaster in single coat on rough side of single or half brick wall for interior plastering upto loor two level including internal rounded angles not exceeding 80 mm in girth and finished even and smooth (i) 1 cement : 4 coase sand		134.92	m2	158.40	21371.33
35	P/L vetrifield floor tiles in different size with water absorption less than 0.08%		32.88	m2	1250.00	41100.00
36	P/L vetrifield Glazed tiles in different size of 300x300mm		19.67	m2	1250.00	24587.50
37	Chqered precat cement concrete tiles 22 mm thick in footpath		6.12	m2	680.00	4161.60
38	S/F of 6mm (1/3") thick chinawhite glazed tiles in flooring or in skirting or dado laid with 1:3 cement and approved coarse sand mortar finished with white cement slurry jointing and polishing complete including supply of all material labour and tools & plants etc. required for proper completion of the work (size of tiles upto 300x300mm)		114.19	m2	825.00	94206.75
39	P/L appling white cement based putty of average thickes 1 mm of approved brand & mannufacture DSR 13.8.0		153.94	m2	89.65	13800.72
40	One Primary coat of cement primer paint and 2 coats of oil bound distemper		153.94	m2	66.00	10160.04
41	Finishing wall with water profing cement paints of approved make & quality on new work with two coat Painting on new work Including supply of all material labour T & P.		134.92	m2	65.00	8769.80
42	Two coat Enamel painting with one coat primer on wood & steel work.		5.04	m3	87.00	438.48

Name of work:- Toilet Block of G.G.I.C. Distt. Bahraich

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BILL OF QUANTITY

Sl No	Particulars	SOR/ ANLY	Qty	Unit	Rate	Amount
43	P/Fixing P.V.C. H/B with sand beading E.P.D.M. Rubber As per (M.R.)		11.31	m2	865.00	9783.15
44	20mm thick bearing plaster in 1:3 cement:C/Sand mortar with neat cement finish /c all material labour T&P etc. complete.		58.75	m2	218.00	12807.50
45	Providing & fixing of PVC rain water pipe 6 kg/CM <sup>2</sup> 110mm dia.		14.40	Rmt	409.00	5889.60
46	S/Filling earth for making aproch road		21.00	m2	430.00	9030.00
					Total	1103817.34

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### Boring & Sumersable Pump

S. No.	Description	Qunatity	Unit	Rate	Amount
1	Supply of 100 mm dia P.V.C. Aroma Plain pipe 3.05 mtr	42.84	rmt	330.00	14137.20
2	Supply of 100 mm dia P.V.C. Aroma slotted pipe	18.11	rmt	400.00	7244.00
3	Supply of Housing clamp	1.00	no	600.00	600.00
4	WELL CAP 100MM	1.00	NO	300.00	300.00
5	End cap 100mm	1.00	no	234.00	234.00
6	(300x100)mm cutting guide	5.00	no	150.00	750.00
7	Supply of peak growl M.R.	3.00	no	2750.00	8250.00
8	Transporation of ring machine	1.00	job	5000.00	6000.00
9	Drilling R.C. ring machine complete	68.00	rmt	420.00	28560.00
10	Development of tube well to 30 hrs	1.00	job	5000.00	5000.00
11	S/Fixing of 1 H.P. sumersable pump with all fitting	1.00	job	35000.00	20000.00
12	S/Fitting G.I. Pipe for water storage tank	1.00	job	5000.00	5000.00
				<b>Total</b>	<b>96075.20</b>
	Add 2% contingency			<b>+</b>	<b>1921.50</b>
				<b>Total</b>	<b>97996.70</b>
			<b>Say in lac</b>		<b>0.98</b>

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**U.P. STATE CONSTRUCTION & INFRASTRUCTURE DEVELOPMENT CO. LTD**

**DETAIL OF MESUREMENT & BILL OF Qty FOR SANITARY WORK.**

**Name of work:- Toilet Block of G.G.I.C.**

Sl.No	PARTICULARS OF ITEM	QTY	UN T	RATE	AMOUNT
1	P/L water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap.				
(a)	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests.	8.00	Ncs	3392.80	27142.40
(b)	Same as above but for European type W.C. pant with white plastic seat and lid Make-era, Hindustan	1.00	Nos	3317.30	3317.30
2	P/Fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm size respectively.				
	One urinal basin with 5 liter white P.V.C. automatic flushing cistern.	1.00	Nos	3325.10	3325.10
3	P/Fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern.	8.00	Nos	1807.10	14456.80
4	P/Fixing flexible P.V.C. waste pipe for sink or wash basin i/c PVC waste fitting comp.				
(a)	32 mm dia.	9.00	Ncs	76.75	690.75
5	P/Fixing 600x450 mm beveled edge mirror of superior glass comp with 6 mm thick.	9.00	Ncs	500.00	4500.00
6	P/Fixing PTMT towel rail comp with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.	1.00	Ncs	483.45	483.45
	CP Brass Fittings.				
7	P/Fixing 45 cm long unplasticised PVC connection pipe with brass unions.				
	45 cm length				
(a)	15 mm nominal bore.	20.00	Nos	68.60	1372.00
8	P/Fixing CP brass bib cock of approved quality conforming to IS 8931.				
(a)	15 mm nominal bore.	11.00	Nos	459.50	5054.50
9	P/Fixing C.P. brass angle valve for basin mixer tank geyser paints of approved quality conforming to 15 mm nominal bore.				
	15 mm nominal bore.	12.00	Nos	507.70	6092.40
10	P/Fixing C.P. brass shower rose with 15 or 20 mm intel.				
	15 mm nominal bore.	1.00	Nos	86.35	86.35
11	P/Fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS-8931.				

	15 mm nominal bore	1.00	Nos	619.75	619.75
12	1. Cement PTFE liquid soap container 109 mm x 50 mm high and 112 mm distance from wall	9.00	Each	228.85	2059.05
<b>SOIL WASTE &amp; VENT PIPES AND FITTINGS</b>					
1	P/Fixing soil, waste and vent pipes.				
(a)	100 mm dia centrifugally cast iron S & S pipe.	30.00	Rmt	917.75	27532.50
(b)	75 mm dia centrifugally cast iron S & S pipe.	25.00	Rmt	791.30	19782.50
2	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes & fittings of diameters				
(a)	100 mm dia.	77.00	Nos	243.75	18768.75
(b)	75 mm dia.	39.00	Nos	205.30	8006.70
3	P/Fixing cast iron trap of self cleansing design with or without ventarm comp, i/c cost of cutting & making good the walls & floors.				
(a)	100 mm inlet & 75 mm outlet.	10.00	Nos	1020.90	10209.00
4	P/Fixing cast iron collar.				
(a)	100 mm dia.	12.00	Nos	318.35	3820.20
(b)	75 mm dia.	8.00	Nos	219.35	1754.80
5	P/Fixing plain cast iron S & S sanitary bend.				
(a)	100 mm dia.	11.00	Nos	335.75	3693.25
(b)	75 mm dia.	10.00	Nos	248.80	2488.00
6	P/Fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts comp.				
(a)	100 mm dia.	11.00	Each	385.70	4242.70
(b)	75 mm dia.	10.00	Each	318.50	3185.00
7	P/Fixing centrifugally cast iron single equal plain junction of required degree.				
(a)	100x100x100 mm.	6.00	Nos	576.20	3457.20
(b)	75x75x75 mm.	5.00	Nos	405.60	2028.00
8	Making khurras 45x45 cm with average minimum thickness of 5 cm cement concrete (1:2:4) over PVC sheet 1mx1mx400 micron, finished with 12 mm cement plaster (1:3) and a coat of neat cement, punning, rounding the edges and making and finishing the outlet comp.				
(a)	110 mm dia.	4.00	Nos	186.65	746.60
<b>INTERNAL &amp; EXTERNAL WATER SUPPLY WORK</b>					
1	P/Fixing C.I. pipes complet with C.I. fittings & clamps i/c cutting & making good the walls etc.				
<b>(Internal work)</b>					
	15 mm nominal bore.	35.00	Rmt	215.10	7528.50
	20 mm nominal bore.	20.00	Rmt	249.30	4986.00
	32 mm nominal bore.	25.00	Rmt	343.20	8580.00



(2)

1	P/Placing G.I. pipes and fitting with synthetic paint with two coats over a ready primer coat both of approved quality for				
	15 mm nominal bore.	35.00	Rmt	9.60	336.00
	20 mm nominal bore.	20.00	Rmt	11.35	227.00
	32 mm nominal bore.	25.00	Rmt	17.70	442.50
3	P/Fixing G.I. Union in G.I. pipe i/c cutting and threading the pipe and making long screws etc				
	15 mm nominal bore.	8.00	Nos	165.25	1322.00
	20 mm nominal bore.	6.00	Nos	188.50	1131.00
	32 mm nominal bore.	7.00	Nos	240.75	1685.25
4	P/Fixing gun metal gate valve with C.I. wheel of approved quality.				
	32 mm dia nominal bore.	6.00	Nos	501.50	3009.00
5	P/Fixing brass stop cock of approved quality.				
	15 mm nominal bore.	1.00	Nos	260.60	260.60
	20 mm nominal bore.	1.00	Nos	344.85	344.85
6	P/Placing of terrace polythene water storage tank of approved brand and manufacture with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fitting and the base	1000.00	Liters	7.25	7250.00
	<b>SEWERAGE SYSTEM</b>				
1	Excavating trenches in all kind of soil of required width for pipes, cables item i/c excavation for sockets and dressing of sides, ramming of bottoms, depth upto 1.5 m i/c getting out the excavation soil & then returning the soil as required in layers not exceeding 20 cm in depth i/c consolidating each deposited layer by ramming, watering, etc & disposing of surplus excavated soil at directed within a lead of 50 m.				
(a)	Pipes 80 mm to 300 mm dia meter.	30.00	Rmt	208.30	6249.00
2	Providing, laying & joining glazed stone ware pipes grade 'A' with stiff mixture of cement mortar in the proportion of (1:1) i/c testing of joints etc				
(a)	100 mm dia meter.	20.00	M	206.55	4131.00
(b)	150 mm dia meter.	5.00	M	314.35	1571.75
3	P/1 cement concrete (1:5:10) around S.W. pipes i/c bed concrete as per standard design.				
(a)	100 mm dia meter S.W. pipe.	14.00	M	592.60	3296.40
(b)	150 mm dia meter S.W. pipe.	10.00	M	724.70	7247.00
4	Constructing masonry chamber 60x60x60 cm inside, in brick work in cement mortar (1:4) for sluice valve, with C.I. surface box 100 mm top	7.00	Nos	5072.00	35504.00

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5	Making soak pit 2.5m diameater 3m deep l/c including etc complete	1.00	No.	47583.00	47583.00
6	Constructing Septik Tank with brick work in cement mortor 1:4 in foundation base bafle walls in half brick masonry in 1:4 12mm tnk cement plaster in side finished etc complete	1.00	No.	43726.00	43726.00
			Total		370326.00





U.P State Construction & Infrastructure Development Corporation Ltd.  
Name of work:- Electrical Estimate of

U.P.P.W.D Schedule of rates 07 January 2016

Sl. No	Description	Code	Unit	Qty.	Rate	Amount
1	Wiring point for light with 1 Sq. mm FR PVC insulated multistrend single core copper conductor cable in PVC conduit with 1.5 Sq. mm FR PVC insulated multistrend copper conductor cable as earthwire drawn inside piano type switch & ceiling rose angle/batten holder on 3mm thick phenolic paminated backlite sheet etc. complete in all respect.	138C	Nos	30	495.00	11,450.00
2	Wiring point for fan/fresh air fan (light duty exhaust fan) with 1 Sq. mm FR PVC insulated multistrend single core copper conductor cable in PVC conduit with 1.5 Sqmm FR PVC insulated multistrend copper conductor cable as earthwire drawn inside piano type switch & ceiling rose angle/batten holder on 3mm thick phenotic paminated hacklite sheet etc. complete in all respect.	140C	Nos	02	580.00	1160.00
3	Wiring point for plug with 1 Sq. mm FRPVC insulated multistrend single core copper conductor cable in PVC conduit with 1.5 Sqmm FR PVC insulated multistrend copper conductor cable as earthwire drawn inside piano type switch & socket etc. complete in all respect.	141C	Nos	—	265.00	—
4	Wiring point for call bell with 1 Sq. mm FR PVC insulated multistrend single core copper conductor cable in PVC conduit with 1.5 Sqmm FR PVC insulated multistrend copper conductor cable as earthwire drawn inside piano type bell orsh for two pin socket etc. complete in all respect.	142C	Nos	—	460.00	—
5	Supply & wiring of submains with two number 4.00 sqmm PVC insulated single core copper conductor in 20mm dia heavy duty PVC conduit with 1 no. 2.5sqmm FR PVC insulated multistrend single core drawn inside the conduit complete in all respect.	221C	Rm	—	148.00	—
6	Supply & wiring of submains with two number 6 sq. mm PVC insulated single core copper conductor in 25mm dia heavy duty PVC conduit with 1 no. 4 sq.mm FR PVC insulated multistrend single core copper conductor cable as earth continuity wire drawn inside the conduit complete in all respect.	222C	Rm	—	206.00	—
7	Supply & wiring of submains with 4 number 10 sqmm PVC insulated single core copper conductor in 25mm dia heavy duty PVC conduit with 2 no. 6sqmm FR PVC insulated sultistrend single core copper conductor cable as earth continuity wire drawn inside the conduit complete in all respect.	273C	Rm	—	590.00	—
8	Supply & Fixing of Water tight oblong bulkhead fitting of approved make complete with prismatic glass holder, rubber gasket, G.I. Guard etc. complete in all respects.	408	Nos	30	390.00	11,700.00
9	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	—
10	Supply & Fixing of 2x40watt mirror optics tube fitting complete in all respect.	424(vi)	Nos	—	3512.00	—
11	S/F of 6Amp. To 32 amp. SPMCB (10 KA) Cat.-B	1002	Nos	06	200.00	1200.00
12	S/F of 40 DPMCB (10 KA) Cat.-B	1010	Nos	01	705.00	705.00
13	S&F of 63 Amp 4 pole MCB (10 KA) Cat.-B	1020A	Nos	—	1550.00	—

14	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	01	1430.00	1430.00
15	S/F of surface/flush mounting 4 ways SPN distribution board with additional metal door without MCB complete in all respect. Cat-B	1022A	Nos	—	730.00	—
16	S/F of Call bell of approved make.	1101	Nos	—	125.00	—
17	S&F of Power plug with 15A/250 volt flush type switch and 3 pin 15A/250V flush type universal socket in suitable MS box of 175mm x 100mm x 50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screw and cup washer.	1139	Nos	—	270.00	—
18	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 luvors duly painted.	1122A	Nos	—	950.00	—
19	Erection and testing of exhaust fan on the existing hole with suitable size of rag bolts, nuts and washers etc. complete	1120	Nos	02	130.00	260.00
20	S/F of hexagonal fan box with hexagonal side of approx 80mm in length fabricated from 16 SWG MS sheet incorporating 10 mm dia, MS round bar as per approved complete in all respect.	1149	Nos	—	135.00	—
21	Supply and burring of Safe Earthing Electrode T-19, (Hot Dip Galvanized), Length up to 3000mm. Outer pipe 50mm, inner pipe 25, terminal Dia 12 mm, outer GI pipe of 16 swg and inner GI pipe of 12 swg with Hot Dip Galvanization up to 100 micron filled with crystalline conductive mixture (CCM) having anti corrosive & conductive property with 50 kgs activated soil (BFC) capable of reducing the soil resistivity with good mixture of retaining capacity and one earthing lead of 20 x 3 G.I. strip, up to switch board (from apron to switch board, the cost of G.I. strip will be extra) along with 30 cm square C.I. frame with hinged cover & masonry housing.	725B	Nos	01	11817.00	11,817.00
22	S&L of 25mm x 3mm G.I. Strip from earth electrode directly in the ground as required complete in all respect.	716	Rm	—	82.00	—
23	S&F of Fire extinguisher, dry chemical type 4.00Kg. Capacity ISI marked IS15683 & TAC approved complete in all respect.	1131	Nos	—	8100.00	—
24	S&F of fire bucket, round bottom made of G.I. Sheet duly painted as per fire brigade complete in all respect.	1133	Nos	—	350.00	—
25	S&F of shock treatment chart (Prescribed under I.E Rule) duly framed with glass complete in all respect.	1134	Nos	—	235.00	—
26	Erection and testing of ceiling fan and regulator etc. excluding supply of down rad, complete in all respect.	1115	Nos	—	68.00	—
27	S&F danger board fabricated from 10 gauge M.S. sheet as per I.E.	1109	Nos	—	70.00	—
28	S&L of 1800mm x 900mm x 12mm thick chequered rubber matting of tested quality	1136	Nos	—	2525.00	—
29	Supply of erection of factory fabricated and wired metal clad dust and vermin proof floor mounting panel TPN switch board complete in all respect as per UPPWD specification. Cat-B Incoming-100 Amp TPN=1 No Outgoing 63 Amp TPN=5 No	801(a)+345	Nos	—	—	—
30	Supply & fixing of Electronic fan regulator	1203A	Nos	—	305.00	—
31	S/L Armoured cable 25sqmm x 3 1/2 core Al complete with bricks/saddle etc.	501J	Rm	—	402.00	—
32	S/L submain cable 1.5sqmm X 2 wire with 1.5sqmm earthwire.	1313C	Rm	—	97.00	—
33	Supply & Fixing of heavy duties exhaust fan 12" dia	MR	Nos	—	2500.00	—
34	Supply & Fixing of exhaust fan lours 12" dia or 18" dia	MR	Nos	—	500.00	—
35	Supply & Fixing of Fan Sheet of Bakelite	MR	Nos	—	38.00	—
36	S/F of ceiling fan ISI Marked 1200 mm sweep decorative	MR	Nos	—	1600.00	—

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37	S/F of CFL 18 watt	MR	Nos	—	210.00	—
38	S/F of unforeseen Item(Cable lugs & gland etc.)	MR	Job	—	3500.00	—
39	S/F of Cable 1002 Core ISI	Total	MR	47	4200	1002 Core ISI
	Add of MR amount (					
	Total					

Say Rs: 479

Rs 45000/-

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**U.P. STATE CONSTRUCTION AND INFRASTRUCTURE DEVELOPMENT  
CORPORATION LTD.**

**Electrical Estimate For Toilet Block GIC**

S.No.	Code	Description	Qty	Unit	Rate	Amount
1	138/C	Wiring point for light with 1.00 Sq.mm. FR PVC insulated multistrand single core Coper conductor cable in PVC conduit pipe with 1.5 Sqmm PVC insulated multistrand single core copper conductor as Earth wire inside the conduit with piano ype switch and ceiling rose/angle/batten holeder fixed with 3mm thick phenolic laminated backalite sheet with brass machine screws and cup washers etc. complete in all respects.	23	Nos	495.00	11385.00
2	140/C	Wiring point for fan / frish air fan with 1.00 Sq.mm. FR PVC insulated multistrand single core coper cable in PVC conduit pipe with 1.5 Sqmm FR PVC insulated multistrand single core copper conductor. as earth wire drawn inside and piano type switch & ceiling rose fixed with 3mm thick phenolic laminated backalite sheet with brass machine screws and cup washers etc. complete in all respects.	5	Nos	580.00	2900.00
3	141/C	Wiring point for plug with 1.00 Sq.mm. FR PVC insulated multistrand single core coper cable in PVC conduit pipe with 1.5 Sqmm FR PVC insulated multistrand single core copper conductor. as earth wire drawn inside and piano type switch & socket fixed with 3mm thick phenolic laminated backalite sheet with brass machine screws and cup washers etc. complete in all respects.	1	Nos	265.00	265.00
4	221 C	Supply and wiring of submain with two number 4 Sqmm PVC insulated multistrand copper conductor cable in PVC pipe with 2.5sqmm PVC. Insulated single core copper conductor cable as earth drawn inside the conduit, complete in all respects.	20	Rmt	148.00	2960.00
5	453 I	Supply and fixing of factory wire HPF box type fluorescent tube light fitting with Electronic ballast suitable for 1 x 40 watt. fluorescent tube rod.Compelet in all respect. Cat-AA	5	Nos	1116.00	5580.00
6	485/I	Supply and fixing of factory wired H.P.S.V. 70 watt fitting complete including 70 watt H.P.S.V. Lamp etc. complete in all respect Cat- AA	1	Nos	4640.00	4640.00
7	1002	S/F of 6 Amp to 32 Amp. M.C.B. (10 K.A)	5	Nos	200.00	1000.00

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8	1010	S/F of 40 Amp DP MCB (10 K.A)	1	No.	705.00	705.00
9	1024 A	Supply and fixing of 8 way SPN distribution board with additional metal door with out MCB complete in all respect.	1	No	1430.00	1430.00
10	1120	Errection of testing of exhuastr fan on the existing hole with switable size of rad bolts nuts and washe etc complete in all respect.	4	No	130.00	520.00
11	1122	S/L of 16 gauge M.S. Drum painted including making hole in the wall for exhaust fan and finishing properly. Complete in all respect.	4	Nos	950.00	3800.00
12	1139	Supply and fixing of power plug with 15A/240V type switch and 3 pin 15A/250V flush type socket in suitable M.S. box of 175mm x 100mm x 50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass maching screw and cup washer.	1	Nos	270.00	270.00
13	1149	Supply and fixing of hexagonal fan box with hexagonal side of approx 80mm in length fabricated from 16 SWG M.S.sheet incorporating 10mm dia M.S.round bar duly bent for supporting fan hanger duly painted with red oxide, screwing arrangement with wiring conduit laid in the RCC roof before concreting alongwith supply of all material labour T&P etc. repuired of proper or completion of work.	1	Nos	135.00	P
14	725A	Supply and buying of earthing electrode T-19(Hot Dip Galavanized) Lenght 300mm outer pipe 50mm inner pipe 25mm terminal dia 12mm outer GI pipe of 16 swg and inner GI pipe of 12 swg with hot dip galavanization in 100 micron filled with crystigence condute mixer CCM having anticrosive and condute properly with 50kg activated soil (BFG)capable of reduging the soil resisvity with good mixer of retainning capacity and one earthing laid of 20x3GI strip up to switch board from apron to switch board cost of GI strip will be extra along with 30cm sqr Ci farm with hinges cover and masonry housing make as approved in UPPWD & CPRI Certified.	1.00	Nos	7593.00	7593.00
15	716	S/L of 25x3mm GI Strip from earth electrde directly in the ground as required. complete in all respect.	10	Mtrs.	82.00	820.00
16	1203A	Supply and fixing of electronic fan dimmer 300/400 watt ISI marked on the existing switch board including making connection required material labour t&p etc. for proper complation of work to the satisfaction of engineer in charge of work	1	No	305.00	305.00

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17	MR	S&F of fan box sheet cover of bakelite	1	Nos.	38.00	38.00
18	MR	Supply and fixing of ceiling Fan 1200mm Bajaj/Usha Make. complete in all respect.	1	Nos	1600.00	1600.00
19	MR	Supply & Fixing of CFL 8-20 watt.	15	Nos.	210.00	3150.00
20	MR	Supply and Exhaust fan 12" Light duty. complete with louver shutter. Bajaj/Usha make.	4	Nos.	2500.00	10000.00
21	MR	S/L of Service cable 10x2 core	45	Nos	40.00	1800.00
					<b>Total</b>	<b>60896.00</b>
					<b>Say</b>	<b>0.60 lacs</b>

  
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