

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

(A Govt. of U.P. Enterprises)

(AN ISO 9001:2000 certified Organisation)

Reg. Office : T.C. - 46 V, Vibhuti Khand, Gomti Nagar, Lucknow (U.P.)

Ph.No. 0522-2305877 Fax no:- 0522-2305877

Website:www.upsknn.org

FINANCIAL BID

FOR

**Renovation of 100 bedded P.G. Hostel at
Medical college Allahabad**

(UTTAR PRADESH)

(VOLUME-II)

Name of Tenderer:.....

Address:.....

.....

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

**Name of Work :- Repair & Renovation work of 100 bedded P.G. Boys Hostel Building
at Medical College, Allahabad, ✓**

S.N.	Particulars	Amount(Rs.Lac)
	Boys Hostel Building	
1.	Cost of civil work	112.56
2.	Cost of Internal water Supply & Sanitation work	6.24
3.	Cost of Internal Electrification work	5.67
4.	Cost of External water supply and Sanitation work	4.76
	Total	129.23
5.	Less 5 %	(-) 6.46
	Total	122.77

Say 122.77 lacs.

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Rate offered by bidder (+) %
Above/below
In Word
In Figures

Rs.....Lacs

Net Amount
Rs.....

Signature of bidder

Bill OF Quantity of Existing Building Repair & Renovation
work of Post Graduate Boys Hostel Building at Swaroop Rani
Nehru Hospital for Medical College, Allahabad.

SUMMARY OF COST

S.N.	DESCRIPTION OF ITEM				AMOUNT (RS LAC)
	BOYS HOSTEL BUILDING				
1	COST OF CIVIL WORK				112.56
2	COST OF INTERANAL WATER SUPPLY & SANITATION WORK				6.24
3	COST OF INTERNAL ELECTRIFICATION WORK				5.67
4	COST OF EXTERNAL WATER SUPPLY AND SANITATION WORK				4.76
				TOTAL	129.23
5	LESS 5% DUE TO WORK DONE BY DEPARTMENT				(-) 6.46
				TOTAL	122.77
6	COST OF BED WITH MATRUSS	100	NOS	9000.00	9.00
7	COST OF TABLE	100	NOS	1655.00	1.63
8	COST OF CHAIR	100	NOS	1225.00	1.23
				G. TOTAL	134.63 LAC

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Bill OF Quantity of Existing Building Repair & Renovation
work of Post Graduate Boys Hostel Building at Swaroop Rani
Nehru Hospital for Medical College, Allahabad.

Schedule of rate Allahabad effective from 2015 has been followed and D.S.R. 2014

S. N	Name of work	S.C.H.No	Qty	Rate	Amount
1	Dismantling cement concrete or brick or granolithic floors including shacking of dismantled materials as directed by Engineer-in- charge with in a distance of 60 meters				
		(PWD-697)	219.84 sqm	21.00	4616.64
2	Dismantling door or windows including by stacking of dismantled material as directed Engineer-in- charge with a distance of 60 meters				
		(PWD703)	63.00 sqm.	31.00	1953.00
3	Dismantling existing plaster including disposal of refuse as directed by the engineer-in-charge with in a distance of 60 meter				
		(200 ft) (PWD 706)	21.60 cum	387.00	12763.26
4	Dismantling brick work or stone in lime or reinforcement brick work including stacking of materials as directed by engineer in charge with in adistance of 60 meters.				
		(PWD 692)	196.05 cum	175.00	36242.50
5	Dismantling existing plaster including disposal of refuse as directed by Engineer-in- charge with in a distince of 60 mteters				
		(200 ft) (PWD-706)	8844.71 sqm	20.05	177322.00
6	Two coat Enamel painting for steel door	PWD-641+642	2692.90cum	80.50	216780.06

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	windows and wood surface complete.				
7	Scraping old white or colour wash including disposal of refuse material as directed by Engineer-in-charge with a distance of 60 met. (200 feet)				
		(PWD708)	5757.98 sqm	3.85	22168.22
8	Earth work in excavation in trenches for foundations and for pipes cables etc. in ordinary soil (loan clay or sand) including lift upto 1.5 and dressing of sides and ramming of bottom sand disposal of surplus excavation earth as directed by the Engineer i/c with in a lead of 50m				
		(PWD-251)	29.86 cum	140.00	4180.47
9	Filling of carted earth (Analysis)		18.52 cum	371.75	6885.50
10	Local sand filling in plinth under floors including watering, ramming, consolidating and dressing complete including lead up to 50m and lift upto 1.5 m and including cost of sand.				
		(Analysis attached) M- 11+255	10.992 cum	568.00	6243.46
11	Providing and laying in cement concrete 1:4:8 (1 cement : 4 fine sand: 8 graded stone aggregate 40mm nominal size) and curing complete, including cost of form work, in foundation and floors				
		(PWD-281)	10.45 cum	4530.00	47359.34
12	Providing and injecting chemical emulsion for preconstruction entitlement treatment and creating a chemical barrier under and all-round the column pits wall trenches basement excavation top surface if plinth				

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<p>filling junction of wall and floor, along the external perimeter of binding expansion joints, surrounding of pipes of the building at ground floor only wall be measured as per I.S. 6313(partII 1931) Adrienne amplifiable concentrate or any other approved material such as Heptachlor or chordance will be used. the rate of application of chemical emulsion shall be as follows.</p> <p>(1) Treatment for masonry & foundation 5 liters per/100 sqm.</p> <p>(2) Back fill in immediate contact with foundation 7.5 liters/100 sqm.</p> <p>(3) Treatment of top surface of plinth filling 5 liters/100 sqm.</p> <p>(4) Treatment junction of wall and the floor 7.5 liters/100 sqm.</p> <p>(5) Treatment of soil along external perimeter of building 7.5 liters/100 sqm.</p> <p>(6) Treatment of soil under apron along external perimeter 5 liters/100 sqm</p>				
	.(page-28)	53.28 sqm	150.00	7992.00
<p>13 RCC work with cement approved coarse sand and 2 cm, (3/4") guage approved stone ballast in the proportion 1:2:4 (1 cement: 6 aggregate) along with synthetic triangular fiber cut of lenth 12mm specific gravity 1.34 dosage 900 gms/cum.(Reccm3s of Reliance industries ltd.) in lintel of doors & windows excluding supply of reinforcement & its bending the same with 24B WG binding wire & necessary centering & shuttering etc & also including supply of all materials labours & tool & plants etc required for</p>				

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	proper completion of work strength the of the concrete shall no less than M-15				
		(PWD-283b)	2.61 cum	7800.00	20358.00
14	As in item 12 above but for slabs (Using 1:1,5:3 mix concrete) (PWD- 284)				
		(PWD-284b)	31.50 cum	8300.00	261450.00
15	As in item 12 above but for the lighter beams i.e. having spans upto 6m (Using 1:2,5:3 mix concrete)				
		(PWD- 288 A)	11.19 cum	8800.00	98472.00
16	As in item 12 above but for footing (Using 1:1,5:3 mix concrete)				
			6.62 cum	6446.40	42642.94
17	As in item 12 above but for column (Using 1:1,5:3 mix concrete)				
		(PWD-289)	25.52 cum	8800.00	224532.00
18	M.S. Work cutting binding complete.	(PWD -504)	60.74Qtl	6900.00	419106.00
19	Class 150 brick work in 2:6 cement and C, sand of 1.25 fineness modulus mortar in foundation and plinth including supply of all materials, labour and tools and plants etc. required for proper completion of the work.				
		(PWD-303)	17.15 cum	5000.00	85750.100
20	Same as in item no 17 above but in super-structure above plinth level up to floor two level (up to two stores) including necessary cutting and molding of brick work as required and also including honey combed brick work in thickness of wall more than 12 cms.				
		(PWD)-303+309)	130.71 cum	5500.00	718905.00
21	Same as in item no 17 but in 1:4 cement and				

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	coarse sand mortar in superstructure for wall thickness 12 cms & below				
		(PWD-307+309+310A)	57.44cum	6000.00	344640.00
22	24mm thick factory made PVC door shutters made of styles and rails of a u PVC hollow section of size 59x24mm and wall thickness 2mm (0.2mm) with inbuilt edging on both sides. The styles and rails mitred and joint at the corners by means of MS galvanized/plastic brackets of size 75x220mm having wall thickness 1.0mm and stainless steel screws. The styles of the MS tube size 20x20mm and 1mm (0.1mm) wall thickness. The lock rail made up of 'H' section, a u PVC hollow section of size 100x24mm and 2mm (0.2mm) wall thickness, fixed to the shutter styles by means of plastic/galvanized MS 'U' cleats. The shutter frame filled with a u PVC multi-chambered single panel of size non less than 620mm, having over all thickness . The panels filled vertically and tie bar at two places by inserting horizontally 6mm galvanized MS rod and fastened with nuts and washers, complete as per manufacturers specification and direction of Engineer-in-charge. (For WC and bathroom door shutter				
		(DSR-2014-9.118.1)	63.00 sqm	2718.60	171234.00
23	Providing and fixing aluminum work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other				

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	sections of approved make conforming to IS:733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/neoprene gasket etc. Aluminum sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminum snap beading for glazing / paneling, CP brass/ stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. Analysis				
			212.72 sqm.	5306.05	1128279.64
24	Supply & fixing of Aluminium door chauhats using section 82.5x38x1.70		198.00 Rmt	213.75	42322.50
25	Fixing of steel or wooden chauhats in position. (Market rate)				
A	Door chauhats		40.00Nos	100.00	4000.00
B	Window chauhats		-	-	-
26	Supply and fixing 35mm mosquito proof aluminum jali for windows shutters. (MR)				
			564.24 sqm	650.00	266756.00
27 A	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations. A. Applying slurry coat of neat cement, using 2.75kg / sqm. Of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls				

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	<p>upto 300mm height slab including the surface before treatment, After of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS: 2645 and approved by Engineer-in-charge.</p> <p>B. Laying brick bats with mortar using broken bricks/brick bats 25mm to 115mm size with 50% of cement mortar 1:5 (1 cement:5coarse sand) admixed with water proofing compound conforming to IS:2645 and approved by Engineer-in-charge over 20mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming in to IS: 2645 and approved by Engineer-in-charge including laying glass fiber cloth of approved quality in top layer of plaster and finals' finishing the surface with trowel with neat cement slurry and making pattern of 300x300mm square 3mm deep. E. The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final tast. All above operations to be done in order and as directed and specified by the Engineer-in</p>				
		D.S.R.- 22.7.1	987.98 sqm	1019.05	1006801.02
27 B	Dismantling of brick roof treatment Same Qty as above item No-27 A	D.S.R.	987.98 sqm	200.00	197400.00
28	12mm plinth plaster in single coat with water proofing treatment.				
	1. 1 cement: 4 fine sand	(PWD- 584)	155.96 sqm	125.00	19495.50

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29	12mm cement plaster in single coat on fair side of single or half brick wall for interior plastering up to floor two level including brick wall for interior plastering upto floor two level including internal rounded angles chamfers, and/ or rounded angles not exceeding 80mm in girth and finished even and smooth no extra for mixing any additive.				
	1 cement : 6 fine sand	(PWD586)	3086.00 sqm	112.00	345632.00
30 A	12mm cement plaster in single coat on rough side of single or half brick wall for interior plastering up to floor two level including brick wall for interior plastering upto floor two level including internal rounded angles not exceeding 80mm in girth and finished even and smooth. (PWD-586)				
	1 cement : 6 fine sand		5523.64 sqm	112.00	662836.80
30 B	Stair case soffit mumty 1:4		235.34	125.00	29417.50
		(PWD584)	1343.54sqm	125.00	167942.80
31	Providing and laying Ceramic glazed floor tiles of size 300x300mm (Thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as white, Ivory, Grey fume Red Brown, laid on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc. complete,				
		PWD-628	219.84 sqm.	1070.00	235228.00
32	Providing and laying Ceramic glazed floor tiles of (Thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in colours such as white, Ivory, Grey fume Red Brown, laid				

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	on 20mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc. complete,				
		PWD-628	1068.47 sqm	1070.00	1143262.90
33	Finishing walls with weather coat on acrylic paint of approved quality and of required shade on undecorated wall surfaces (two coat) over one and including one coat white cement primer to give an even shade after thoroughly brushing the surface to powdered materials including curing and cost of all materials.				
		D.S.R-13.47.1	3542.41 sqm	94.95	307824.70
34	Distemping (two coat) with oil bound distemper of approved brand and manufacture & of required shade on undecorated wall surface to give an even shade over & including a priming coat with cement primer of approved brand & manufacture such as Berger, J&N, Shalimar Asian paints after thoroughly brushing the surface free from mortar droppings & other foreign matters & also including preparing the surface even with plaster of Paris or approved synthetic material & sand papered smooth including cost of all materials.				
		(PWD-649+650)	11988.52 sqm	75.00	899139.75
35	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the to prepare the surface even and smooth				

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	complete.				
		DSR-13.80/2014	14904.83 sqm	89.65	1336143.60
36	Fixing panes of glass with atoll or equivalent I.S.I. marked quality putty, brads and springs complete.				
A	4mm thick-	DSR-10.30.1	249.88 sqm	764.45	191022.29
37	Dismantling of sunshade in G. Floor and F. Floor		7.39 cum	387.00	2860.70
38	Cartage for malba sifting from site to outside 5.00 Km distance	AR	1288.63 cum	159.65	205729.78
39	Supply and fixing window grill as per specification complete.	AR	2221.50 Kg	90.10	200157.15
				Total	11256006.61
				Say Rs.	112.56 Lac

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Detail of Measurements & Bill of Quantities

Name of work- Internal water supply and sanitary installation.

Sl. N.	Name of work	N	L	B	H/D	Qty.	Rate Per	Amount Rs.
1/17.1.1	Providing and fixing water closet squatting pan (Indian type WC pan) with 100mm sand cast iron P or S trap, 10 litre low level white PVC flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS:7231, with all fitting and fixtures complete, including cutting and making good the walls and floors wherever required.							
	White Vitreous china Orissa pattern WC pan of size 580x440 mm with integral type foot rests.	5x4	-	-	-	20 No	3392.80	67856.00
2/17.4.4	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and CP brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required.							
	Range of four urinal basins with 10 litre white PVC automatic flushing cistern.	4x1	-	-	-	4 No.	10045.40	40181.60
3/17.7.2	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require.							
	White Vitreous China Wash basin size 630x450mm with a single 15mm C.P. brass pillar taps.	4x4	-	-	-	16 No.	2010.35	32166.00
4/17.35.1.1	Providing and fixing soil, waste and vent							
	Sand cast iron S&S pipe as per IS: 1729	4x4	0.30	-	-	4.80		
		2x4	3.60	-	-	28.80		
		4x4	0.60	-	-	9.60		
						Total	43.20	859.00
								37109.00

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5/17.35.2.1	Providing and fixing soil, waste and vent							
	Sand cast iron S&S pipe as per IS: 1729	2x2	6.00	-	-	24.00		
		2x2	6.00	-	-	24.00		
		2x4	4.20	-	-	33.60		
		2x4	3.60	-	-	28.90		
		2x4	(0.30+60)	-	-	7.20		
		2x2	3.60	-	-	7.20		
						Total	1278.00	709.10 88495.00
6/17.38.1.1	Providing and fixing bend of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.							
	Sand cast iron S&S as per IS-1729	2x4	-	-	-	8	341.55	2732.00
7/17.38.2.1	Providing and fixing bend of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.							
	Sand cast iron S&S as per IS-1729	2x10	-	-	-	20	272.05	5440.00
8/17.39.1.1	Providing and fixing plain bend of required degree.							
	Sand cast iron S&S as per IS-1729	2x2x5	-	-	-	20	434.50	8690.00
9/17.39.2.1	Providing and fixing plain bend of required degree.							
	Sand cast iron S&S as per IS-1729	2x2x8	-	-	-	32	219.75	7032.00
10/17.43.1.1	Providing and fixing single equal plain junction of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.							
	Sand cast iron S&S as per IS-1729	2x4	-	-	-	8	485.60	3885.00
11/17.44.2.1	Providing and fixing single equal plain junction of required degree.							
	Sand cast iron S&S as per IS-1729	2x6	-	-	-	12	330.10	3961.00
12/17.57.1	Providing and fixing collar.							
	100mm	1x16	-	-	-	16	248.65	3978.00
13/17.57.2	Providing and fixing collar.							
	75 mm	1x60	-	-	-	60	153.55	9213.00
14/17.31	Providing and fixing 600x450 mm beveled edge mirror of							

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	superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws and washers complete.							
		4x4	-	-	-	16	793.95	12703.00
15/17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodized aluminium angle frame with CP brass brackets and guard rail complete fixed with 40mm long screws, rawl plug etc. complete.							
		4x4	-	-	-	16	543.80	8701.00
13/17.37.1	Providing & fixing MS holder-bat clamps of approved design to sand cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), including cost of cutting holes and making good the walls etc.							
	For 100mm dia pipe	2x24	-	-	-	24	152.90	7339.00
16/17.37.2	Providing & fixing MS holder-bat clamps of approved design to sand cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size), including cost of cutting holes and making good the walls etc.							
	For 75mm dia pipe	2x24	-	-	-	24	150.60	7229.00
17/17.58.1	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter.							
	100 mm	1x56	-	-	-	56	243.75	13650.00
18/17.58.2	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter.							
	75 mm	1x120	-	-	-	120	205.30	24636.00
19/17.60.2.1	Providing & fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors.							

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	Sand cost iron S&S as per IS-3989	1x56	-	-	-	56	730.50	40908.00
20/ 17.61.1	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 12.5mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand).							
	100 mm dia	2x16	-	-	-	32	332.00	5312.00
21/ 17.61.2	Cutting chases in brick masonry walls for following diameter sand cast iron/centrifugally cast (spun) iron pipes and making good the same with cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 12.5mm nominal size), including necessary plaster and pointing in cement mortar 1:4 (1 cement : 4 coarse sand).							
	75 mm dia	2x16	-	-	-	32	237.60	7603.00
22/18.10. 2	Providing & fixing G.I. Pipe complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.							
	20mm dia nominal bore	1x1	-	-	-	30.00	249.30	7479.00
23/18.10. 3	Providing & fixing G.I. Pipe complete with G.I. fittings and clamps, i/c cutting and making good the walls etc.							
	25mm dia nominal bore	1x1	-	-	-	30.00	304.15	9124.50
24/18.11. 1	Providing & fixing G.I. Pipe complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the walls.							
	15mm dia nominal bore	1x1	-	-	-	60.00	306.05	18363.00
25/18.11. 2	Providing & fixing G.I. Pipe complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the walls.							
	15mm dia nominal bore	1x1	-	-	-	30.00	333.85	10016.00

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26/18.15.1	Providing and fixing brass bib cock of approved quality								
	15 mm dia nominal bore	5x10	-	-	-	50	260.60	13030.00	
27/18.16.1	Providing and fixing brass stop cock of approved quality								
	15 mm dia nominal bore	5x8	-	-	-	40.00	260.60	10424.00	
28/18.17.1	Providing & fixing gun metal gate valve with C.O. wheel of approved quality (Screwed)								
	20 mm nominal bore	1x5	-	-	-	5	428.85	2144.25	
29/18.21.1	Providing & fixing uplasticised PVC connection pipe with bras unions								
	15 mm dia nominal bore	5x8	-	-	-	40	68.60	2744.00	
30/18.22.1	Providing & fixing CP brass shower rose with 15 or 20 mm inlet.								
	150 mm diameter	4x6	-	-	-	24	86.35	2072.00	
31/18.52.1	Providing & fixing CP brass stop cock (Concealed) of standard design and of approved makde conforming to IS:8931								
	15 mm dia nominal bore	4x8	-	-	-	32	619.75	19832.00	
32/ DSR 1649 Page 296	PVC Water storage tank 1000 Ltr. Capacity	1x6	-	-	-	6000	7.00	42000.00	
							Total	624872.00	
							Say Rs.	6.24 Lac	

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Detail of Measurment & Bill of Quantities

Name of work- P.G. Hostel 100 Seated.

S.N.	Name of work	Qty	Unit	Rate	Amount
1	Constt. Of man hole i/c earth work lean con. Brick work plaster & RCC/CI man hole cover complete.				
A	450x450	11	No	5380.00	59213.00
B	600x600	10	No	6590.00	65900.00
C	900x800	10	No	14145.20	141450.00
2	Laying of PVC pipe for sewer line i/c earth work & laying of sand complete.				
A	150 mm	100	Mtr.	893.00	89300.00
B	200 mm	1000	Mtr.	1256.00	125600.00
				Total	476080.00
				Say RS.	4.76 Lac


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U.P. State Construction & Infrastructure Development Corporation Ltd.
Electrical Estimate of :- 100 Seated PG Hostel at MLN Medical College, Allahabad.


Repairing of electrical works.

Code	Description	Unit	Qty.	Rate	Amount
138C	Wiring point for light with 1.0 Sq.mm. F.R. PVC insulated multi strand single core copper conductor cable in PVC conduit with 1.5 Sq.mm. FR PVC insulated multi strand copper cable as earth wire drawn inside and piano type switch & ceiling rose/angle/batten holder on 3 mm. thick phenolic laminated Bakelite sheet etc. complete in respects as directed, including matching color wash.	Points	100	495.00	49500.00
140C	Wiring point for fan/fresh aire fan (light duty exhaust fan) with 1.0 Sq. mm. mm. FR PVC insulated multi strand single core copper conductor cable in PVC conduit partly concealed in wall and partly laid in slab along with reinforcement before concreting with 1.5 Sq.mm. FR PVC insulated multi stand copper conductor cable as earth wire drawn inside and piano type switch & ceiling rose on 3 mm thick phenolic laminated Bakelite sheet etc. complete in all respects as directed, including matching color wash.	Points	15	580.00	8700.00
141C	Wiring point plug with 1.0 Sq. mm. FR PVC insulated multi strand single core copper conductor cable in PVC conduit with 1.5 Sq. mm. FR PVC insulated multi strand copper conductor cable as earth wire drawn inside and piano type switch & socket on 3 mm. thick phnolic laminated Bakelite sheet etc. complete in all respects as directed, including matching color wash.	Points	20	265.00	5300.00
142C	Wiring point plug with 1.0 Sq. mm. FR PVC insulated multi strand single core copper conductor cabnle in PVC conduit with 1.5 Sq. mm. insulated multi strand copper conductor cable as earth wire drawn inside and piano type bell push or 2 pin socket on 3 mm thick phenolic laminated Bakelite sheet etc. complete in all respects as directed, including matching color wash.	Points	01	460.00	460.00
161	S/F of switch boxes made up of 16 SWG (1.5 mm.) thick M.S. sheet of 175×100×65 mm. size duly painted with red oxide primer and flush to wall etc. complete in all respect.	Nos.	01	90.00	90.00
	Total	Rs.			64050.00

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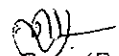

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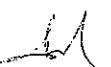

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Code	Description	Unit	Qty.	Rate	Amount
	B.F.	Rs.			64050.00
164	S/F of switch boxes made up to 16 SWG (1.5 mm.) thick M.S. sheet of 250×300×65 mm. size duty painted with red oxide primer and flush to wall etc. complete in all respect.	Nos.	01	210.00	210.00
1313C	Supply and wiring of submain with 2 Nos. 1.5 Sq. mm. FR PVC insulated 1100 V grade multi strand single core conductor cable in 20 mm dia heavy duty (2 mm thick) PVC conduit with 1 No. 1.5 Sq. mm FR PVC insulated 1100 V grade multi strand single core copper conductor cable as earth wire drawn inside the conduit complete in all respect for computer points.	Mtrs.	60.00	97.00	5820.00
221C	S/W of sub main with 2×4 Sq. mm. FR PVC insulated single core copper conductor cable in heavy gauge rigid PVC conduit with 2.5 Sq. mm. FR PVC insulated single core copper cable as earth drawn inside etc. complete in all respect.	Nos.	180.00	148.00	26640.00
217 C	S/Wiring of submain with 2×6+1×4 Sq.mm FR PVC insulated single core copper conductor cable in PVC conduit concealed in wall & slab.	Mtrs.	200.00	515.00	43000.00
453	Supply and fixing of factory wired, HPF box type, fluorescent light fitting suitable for 1×40 watt fluorescent tube complete including tubes etc. on surface complete in all respect Crompton, Bajaj, Phillips.	Nos.	15	1116.00	16740.00
703	Supply & burying of 600×600×6.0 mm. dia G.I. plate vertically for earthing with its top at least 3 meters below ground level complete with 20 mm dia G.I. pipe and funnel for watering and earthing lead of No. 8 to 10 SWG wire in G.I. pipe up to (Switch board from apron to switch board the cost of G.I. wire and G.I. pipe will be extra) 30 cm. Sq. C.I. frame with hinged cover masonry housing, alternate layers of charcoal/coke and salt at least 150 mm thick around etc. as per directions of Engineer-in-charge complete in all respects.	Nos.	02	4730.00	9460.00
	Total	Rs.			165920.00

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Asst. Engr.(E.)


Ex. Engr.(E.)

Code	Description	Unit	Qty.	Rate	Amount
	B.F.	Rs.			165920.00
716	Supply and laying of 25 mm×3 mm G.I. strip from earth electrode directly in the ground as required complete in all respects.	Mtrs.	40.00	82.00	3280.00
1002	S/F 5/10/20/25/30/32 Amp. MCB (10 K.A) CAT B	Nos.	22	200.00	4400.00
1005B	S/F of 63 Amp. 2 pole MCB (910 K.A.)	Nos.	01	420.00	420.00
1020	S/F of 100 Amp. Four pole isolator	Nos.	01	1100.00	1100.00
1026 A	S/F of surface/flush mounting 4 way TPN distribution board without MCB complete in all respect. Double door.	Nos.	01	2120.00	2120.00
1025 A	S/F of surface/flush mounting 12 ways SPN distribution board without MCB complete in all respects and as directed at site double door indo Asian, Havells.	Nos.	01	1700.00	1700.00
1031	S/F of sheet steel enclosure surface/flush mounting fitted with 20 Amp. 2 pin and earth metal clad sleeping earth plug and socket complete.	Nos.	03	995.00	2985.00
1101	Supply and fixing of call bell of approved make on polished MDFEG board including making connection etc. complete in all respects.	Nos.	01	125.00	125.00
1109	S/F of danger board fabricated from 10 gauge M.S. sheet as poer I.E. rules.	No.	01	70.00	70.00
1115	Erection and testing of ceiling fan and regulator etc. excluding supply of down rod, complete in all respects.	Nos.	15	68.00	1020.00
1120	Erection and testing of exhaust fan on the existing hole with suitable size of rags bolts, nuts and washers etc. complete in all respects.	Nos.	0.00	130.00	0.00
1121	Making hole in the wall for exhaust fan and finishing properly complete in all respects.	Nos.	0.00	325.00	0.00
1139	Supply and fixing of power plug with 15A/250 V flush type socket in suitable M.S. box of 175 mm ×100 mm. ×50 mm. size with Bakelite sheet cover 3 mm. thick fixed with brass machine screws and cup washer.	Nos.	03	270.00	810.00
	Total	Rs.			183950.00

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Ex. Engr.(E.)

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Code	Description	Unit	Qty.	Rate	Amount
	B.F.	Rs.			183950.00
M2	Supply of ceiling fan 48" Usha/Khaitan/Orient/Bajaj ISI mark with electronic type speed regulator decorative.	Nos.	15	1800.00	27000.00
MR	S/F of 320 Amp. 415 V rewire able type TPN switch with 300 Amp. 415 V 3 phase 4 strip busbar Havell's make fitted on same base fabricated from engle iron 35x35x5 mm fixed on wall.	No.	01 Set	35000.00	35000.00
MR	S/F of 27" screen computer set complete with computer table & chair HCL make.	No.	01	50000.00	50000.00
MR	S/F of 40" LED TV LG make.	Nos.	01	59000.00	59000.00
MR	S/F of 2.0 T split type Air conditioner complete with voltage stablizer etc. L.G. make.	Nos.	03	52000.00	156000.00
425(I)	S/F of factory wired recessed mounting mirror optics fitting for 2x36 watts CFL with electronic ballast and bright anodized aluminum reflector & P 5 Paralite louvers with 2 Nos. 36 watt CFL lamps complete in all respect.	Nos.	08	5080.00	40640.00
MR	S/F of 405 mm dia wall mounted fan.	Nos.	05	3000.00	15000.00
	Total	Rs.			566590.00


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