

**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

**Repair of Blood Bank at Medical
college Allahabad**

(UTTAR PRADESH)

(VOLUME-II)

Name of :.....

Address:.....

.....

.....

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

Name of Work :- Repair of Blood Bank at Medical college Allahabad.

S.N.	Particulars	Amount(Rs.Lac)
1	Cost of Civil work	41.95
2	Cost of Electrical work	32.91
	Total	74.86
3.	Less 5 % as work done by Nigam	(-) 7.74
	Total	71.10

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

Rs.....Lacs

Net Amount
Rs.....

Signature of bidder

Bill of Quantities

Name of work- (Blood Bank)

S.N.	Description of item	Qty	Rate	Amount
1	Dismantling of existing plaster including disposal of refuse as directed by Engineer-in-charge with in a distance of 60 meter(200 ft)(PWD-706)			
		1426.86 Sq.m.	13.00	18549.18
2	Dismantling of door or window including by stacking of dismantled material as directed Engineer-in- charge with in a distance of 60 meters (PWD- 703)			
		309.33m ²	31.00	9589.23
3	Disposal of Malba of dismantaled materials from site up to 10.00 km.(AR)			
		21.40m ³	295.00	6313.00
4	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. (PWD-586)			
		381.02 sqm.	124.00	47246.48
5	12mm thick plaster in 1:3 ceiling and soffits of stairs upto floor two level.(PWD- 13.15+587)			
		294.75 sqm.	164.00	48339.00
6	Providing and laying Vitrified floor tiles in different size (Thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades on 20mm thick cement mortar (1 with china Cement : sand), including grouting the joints with white cement and matching pigments etc. complete with. D.S.R.- 11.49.2			
		301.68 sqm.	1566.70	472642.05
7	P/L (White/coloured) Kajarja tiles, Ramano tiles flooring/wall 300x450mm over 20mm avarage thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with white cement (whith pigment) slurry including rubbing and polishing complete.(PWD-628A)			
		946.33 sqm.	1070.00	1012573.10
8	Providing and laying Vitrified floor tiles in different size (Thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours and shades on 20mm thick cement mortar (1 with china Cement : sand), including grouting the joints with white cement and matching pigments etc. complete with. D.S.R.- 11.49.2			
		255.20 sqm.	1566.70	399822.00
9	Wall painting (One coat) wjth plastic emulsion paint of approved brand & manufacture on decorative wall surface to give an even an even shade including throughly brushing, clean all dirt, greese, loose pieces and nrenared amooth.(PWD- cha-15)			
		675.77 sqm.	68.00	45952.00

10	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 surface even and smooth complete.(DSR-13.80)			
		675.77 sqm.	89.65	60582.78
11	Providing & fixing of Al door with chaukhat & window with 2mm thicknies section as per direction E/E			
		309.30	5304.00	1640527.20
12	Providing & fixing tiled false ceiling of approved materials of size 595x595mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanizental steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 12mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grixe of 600x600 mm and wall angle of size 24x24x0.30mm and laying false ceiling tiles of approved texture in the grix including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc.Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27x37x25x1.6 mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85x30x0.8mm spaced at 1200mm center to center along main T, bottom exposed width of 24mm of all T- sections shall be per-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge.(12.52.4)			
		276.28 sqm.	1155.20	319158.66
			Total	4081294.00
13	Sanitary & water supply			113715.00
			Total	4195009.00


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		1	228.85	228.85
30/ 17.73.2	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.			
	600mm long towel rail with total length of 645mm, width 78 mm and effective height of 88mm, weighing not less than 190 gms.	1	541.50	541.50
31/ 18.11.2	Providing and fixing G.I. Pipe complete with G.I. fittings and clamps, i/c making good the walls etc. conceales pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall.			
		10	333.85	3338.50
32/ 18.11.1	Providing and fixing G.I. Pipe complete with G.I. fittings and clamps, i/c making good the walls etc. conceales pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall.			
		6	306.05	1836.30
33/ 18.13.1	Making connection of G.I. distribution branch with G.I. main following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete.			
		1	367.75	367.75
34/ 18.46.2	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work)			
		1	188.50	188.50
35/ 18.49	Providing and fixing CP brass bib cock of approved quality conforming to IS: 8931.			
		1	459.50	459.50
36/ 18.53	Providing and fixing CP brass angle valve for basin mixer and geyser points of approved quality conforming to IS: 8931 a 15mm nominal bore			
		4	507.70	2030.80
			Total	113715.75



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15/ 17.7.3	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.	1	16724.95	16724.95
	White Vitreous China wash basing size 550x400mm with a pair of 15mm C.P. brass pillar taps.			
16/ 17.8	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.	1	2127.90	2127.90
17/ 17.28.2.1	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete.	1	979.35	979.35
	32mm dia			
18/ 17.31	Providing and fixing 600x450mm beveled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with CP brass screws and washers complete.	1	76.75	76.75
19/ 17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with CP brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete.	1	793.95	793.95
20/17.34. 1	Providing and fixing toilet paper holder.	1	543.80	543.80
21/ 17.35.1.1	Providing and fixing soil, waste and vent pipes.	1	415.90	415.90
22/ 17.37.1	Providing and fixing MS holder-bat clamps of approved design to sand cast iron/cast iron (spun) pipe empedded 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.	9	859.00	7731.00
23/ 17.38.1.1	Providing and fixing bend of required degree with access door, insertion rubber washer 3mm thick, bolts and nuts complete.	6	152.50	917.40
24/17.39. 1.1	Providing and fixing plain bend of required degree	3	341.55	1024.65
25/ 17.57.1.1	Providing and fixing collar.	3	434.50	1303.50
26/ 17.58.1	Providing lead caulked joints to sand cast iron/centrifugally cast (spun) iron pipes and fittings of diameter.	6	194.05	1164.30
27/ 17.60.1.1	Providing and 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.	10	243.75	2437.50
28/ 17.60.2.1	Providing and 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.	1	982.55	982.55
29/ 17.71	Providing and fixing PTMT liquid soap container 109 mm wide, 125mm high and 112mm distance from wall of standard shaps with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	2	1020.90	2041.80

Bill of Quantities

Name of work- Toilet Block (Blood Bank)

S.N.	Name of work	Qty	Rate	Amount
1/ 697	Dismantling existing floor/ Granolithic/ Tile+wall Tiles			
		15.50	21.00	325.50
2/ 706	Dismantling of existing plaster & disposal of material.			
		25.40 m ²	13.00	330.20
3	Disposal of cinder in toilet			
		2.12m ²	295.00	625.40
4/ 22.7	100mm koba treatment of RC/ Slab level in slops as per direction of E/E			
		4.70 m ²	1019.05	4789.54
5/ MR	Cinder filling in toilet.			
		2.12 m ²	3500.00	7420.00
6/ 281	Lean concrete with 1:4:8 C,C/ sand : Stone Ballast i/c supply of all materials labour T&P			
		0.38m ²	4530.00	1721.40
7/ 628	Supply & fixing of 6mm thick china glazed floor tile with 1:3 C, C/Sand base mortar i/c supply of all materials labour T&P			
		4.93 m ²	1070.00	5275.10
8/ 628	Supply & fixing of 6mm thick china glazed/Vitrified tile with 1:3 C, C/Sand i/c supply of all materials labour T&P			
		19.75m ²	1070.00	21132.50
9/	Supply & fixing of Al door with frame i/c supply of all materials labour T&P with 2 mm Al. section.			
		1.89m ²	5304.00	10024.56
10/ 13.11	12/15mm CP. with 1:4 C,C/Sand mortar i/c supply of all materials labour T&P			
		13.17m ²	125.00	1646.25
11/ 13.10	10mm thick ceiling plaster with 1:3 C,C/Sand mortar i/c supply of all materials labour T&P			
		4.70m ²	164.00	770.80
12/ 649+ 651	Distemping (First coat) with oil bound distemper of approved brand and manufacture & of required shade on undecorated wall surface to give an even shade over and including a priming coat with cement primer of approved brand and manufacture such as Berger, J and N Shalimar, Asian Paints after thoroughly brushing the surface free from mortar droppings and other foreign materials and also including preparing the surface even with plaster of paris or approved synthetic material and sand papered smooth including cost of all materials labour T&P etc.			
		17.30	75.00	1297.50
13/ 17.78	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690mm of approved shape including providing & fixing white vitreous china cistem with dual flush fitting, of flushing capacity 3 litre/6 litre (Adjustable to 4 litre/8 litres), including seat cover, and cistem fitting, nuts, bolts and gasket etc complete.			
		1	10100.90	10100.90
14/ 17.80	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx, size 610x390x370mm having pre & post flushing with water (250 ml consumption), having water inlet from back side including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.			

Description	S.O.R. Item No.	Unit	Qty	Rate	Amount
					36990.00
B.F. wiring of submain with 2x10.00 +1x6.00 mm. FRLSh PVC insulated single core multistrand copper wire in 25 mm dia heavy VC conduit conceited in wall etc. complete.	218C	Mtr.	250.00	315.00	78750.00
S/F of surface/Flush mounting 12 way SPN-DB with additional metal door without MCB complete in all respect. Cat-B	1025A	No.	01	1700.00	1700.00
S/F of 6-32 Amp. MCB 10KA Cat-B	1002A	No.	10	200.00	2000.00
S/F of 63 Amp. DP CMCB 10 KA Cat-B	1011	No.	01	865.00	865.00
S/F of fire extinguisher dry chemical type 6.00 Kg. capacity (ISI Marked 15:15683 & TA-C approved) complete with initial charge and wall bucket along with supply of all material & labour.	1131A	No.	04	9010.00	36040.00
S/F of fire bucket round bottom made of G.I. sheet 9-11 Ltrs. capacity duly painted as per fire brigade design supported on hanging bracket chained and locked initially filled with fire river sand, water.	1133	No.	03	350.00	1050.00
S/F of 1800 mm x 900 mm. x 12 mm. thick chequered rubber matting of tested quality.	1136	No.	01	2525.00	2525.00
S & F sheet steel enclosure surface/Flush mounting fitted with 30 Amp. 2-Pin and earth metal clad scraping earth plug and socket complete in all respect as directed at site by Engineer in charge. CAT - B	1031A	Each	12	2650.00	31800.00
Total					3291720.00

Jr. Engr.(E.) JCE

Asst. Engr.(E.)

Ex. Engr.(E.)

Pay ₹ 32,91,720

Sl. No.	Description	S.O.R. Item No.	Unit	Qty	Rate	Amount
	B.F.					3073280.00
05	Supply burring of safe earthing Electroded T-19 hot dip galvanized leanth upto 3000 mm outer dia 50 mm, inner dia 25 mm Terminal dia 12 mm outer G.I. Pipe of 16 SWG and inner G.I. pipe 12 SWG with hot deep upto 100 micron CCM etc. and 1 earthing lead of 25 x 3.0 mm G.I. strip. (From apron 2 switch board the cost of G.I. strip will be extra) a long with 30 cm. Sq. frame CI with hinged cover and masonry housing.	725 B	Each	2Nos.	11817.00	23634.00
06	Supply & laying of GI strip 25 mm x 300 mm from electrode directly in the ground as required completion all respect.	716	RM	28.00	82.00	2296.00
07	Wiring point for light with 1.00 sQ.mm FRLSh PVC insulated multistrand single core copper conductor cable in heavy gauge PVC conduit parthy conceated in wall & slab with 1.5 Sq.mm. earth etc. complete.	138(C)	Point	32	495.00	15840.00
08	Wiring point for fan/fresh air fan (light duty exhaust fan) 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 stand copper conductor cable as earth wire drawn inside piano type switch & ceiling rose angle/batten holder on 3 mm thick phenolic laminated Bakelite sheet etc. complete in all respects.	140C	Nos.	12	530.00	6360.00
09	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 piano type switch & socket etc. complete in all respects.	141C	Point	12	265.00	3180.00
10	Supply and wiring of submain with 2x4.00 +1x2.5 Sq. mm. FRLSh PVC insulated single core multistrand copper wire in 20 mm heavy PVC conduit concealed in wall etc. complete.	216 C	Mtr.	80.00	155.00	12400.00
	Total					3136990.00

JG
J.G. (E)
R. Engr (E)


SA
Asst Engr (E.)

J
Engr (E.)

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

Electrical Estimate of :- Estimate for Air conditioning internal lighting of blood Bank and X-Ray in S.R.N. Hospital, Allahabad.

Sl. No.	Description	S.O.R. Item No.	Unit	Qty.	Rate	Amount
01	Supply installation, testing and commissioning of 20T with 4.0T indoor nit VRV system fitted on ceiling as required for 230V/415V 0.50 NZ A.C. supply complete with all accessories as required etc. complete in all respect the outdoor unit shall be mounted on roof/wall on suitable place complete with all piping, insulation electrical socket & Top etc. as required for proper completion of work.	MF	Unit	7	400000.00	2800000.00
02	Supply of factory fabricated wired metal clad dust & vermin proof floor mounting panel TPN switch board complete with the following HRC type heavy duty TPN fuse switch etc. complete with electrolytic aluminium busbar insulated with heat shrink sleeving and mounted on non hygroscopic support with attachable side cover and shall be suitable for extension on sides all fabrication shall be 2.00 mm thick M.S. sheet with following in coming and out going. (a) 200 Amp. incoming - 1 No. (b) Outgoing 100 Amp. TPN - 2 No. 32 Amp. TPN - 1 No.	802/0	Job	1	92400.00	92400.00
03	S/ Laying of PVC insulated PVC sheathed armoured aluminium conductor laid in ground below 750 mm from GL protected from burnt bricks and 75 mm sand bed etc. as directed by E/I For 120 Sqmm. x 3/4	501/0	Mtr.	120.00	1110.00	133200.00
04	S/F of 18 Watt indoor recess mounting LED square ceiling fitting for Armstrong ceiling heavy powder coated die cast aluminium body housing with extended heat smoke defuse Polly carbonate material and driver set complete.	141/0 AAA	No.	16	2980.00	47680.00
Total						3073280.00


J.C. Singh (E.E.)

