

	Bottle trap 31mm single piece moulded with height of 270 mm, effective length of tail pipe 260 mm from the centre of the waste coupling, 77 mm breadth with 25 mm minimum water seal, weighing not less than 260 gms	12.000	each	318.49	3821.85
14	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	8.000	each	150.62	1204.98
15	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.				
	450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	5.000	each	527.58	2637.91
	TOTAL [I]				163220.74
II P.V.C. SOIL/PVC WASTE & VENT PIPES AND FITTINGS					
1	Providing and fixing unplasticised-PVC pipe clips of approved design to unplasticised-PVC pipes by means of 50x50x50 mm hard wood plugs, screwed with MS screws of required length including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				
	110mm	30.000	Each	274.36	8230.80
2	Providing and laying cement concrete 1:5:10(1 cement : 5 coarse sand : 10 graded stone aggregate 20mm nominal size) around P.V.C Soil and waste pipe including bed concrete as per standard design(embedded in the flooring / ground)				
	100 /75 mm dia	80.000	metre	776.15	62092.00
	TOTAL [II]				70322.80
III INTERNAL & EXTERNAL WATER SUPPLY WORKS					
1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings w/c fixing the pipe with clamps at 1.00m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testiang of joints complete as per direction of Engineer in Charge.				
	Concealed work including cutting chases and making good the walls etc.				
	20mm dia nominal outer dia pipes	65.000	Rm	454.24	29525.76
	25mm dia nominal outer dia pipes	30.000	Rm	533.85	16015.58
	32mm dia nominal outer dia pipes	45.000	Rm	645.19	29033.66
2	Providing and fixing gun metal gate valve with wheel of approved quality.				
	25mm dia nominal bore	1.000	Each	472.29	472.29
	32mm dia nominal bore	3.000	Each	552.19	1656.56
3	Providing and placing on terrace (at all floor levels)polyethylene water storage tank ISI : 12701 marked indicating the BIS License No. with cover and suitable locking arrangement and making necessary holes for inlet, outlet and over flow pipes but without fitting and base support for tank [Sintex, Electroplast, Star, Lotus or equivalent having valid ISI license].				
	Capacity in Per Liters	1250.000		8.36	10450.00
	TOTAL [III]				87153.86
IV SEWERAGE SYSTEM					
1	Excavating trenches of required width for pipes, cables etc. including excavation for sockets and dressing of sides, ramming of bottoms, depth upto 1.5m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposing of surplus excavated soil as directed, within a lead of 50m.				
	All kinds of soil				
	Pipes, cables etc. exceeding 80mm dia but not exceeding 300mm	20.000	metre	345.99	6919.80
2	Providing, laying and jointing glazed stoneware pipes grade 'A' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete.				
	100mm dia SW pipe	10.000	metre	301.20	3011.98
3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size) all round S.W pipes including bed concrete as per standard design.				
	100mm dia SW pipe	10.000	metre	776.15	7761.50

4	Providing and laying Non pressure NP 2 class (light duty) RCC pipe with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete.				
	150 mm. dia RCC Pipes	10.000	metre	439.47	4394.70
5	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40mm nominal size) upto the haunches of pipes including bed concrete as per standard design				
	150 mm. dia RCC Pipes	10.000	metre	597.84	5978.35
6	Providing and fixing square-mouth S.W. gully trap grade 'A' complete with C.I. grating, brick masonry chamber with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design.				
	150 x 100 mm size P type				
	With Sewer bricks conforming to IS : 4885	5.000	each	2205.38	11026.89
7	Supplying and fixing C.I cover 300x300 mm without frame for gully trap (standard pattern) the weight of cover to be not less than 4.5 Kg	5.000	each	634.41	3172.05
8	Constructing brick masonry manhole in cement mortar 1:4 (1 cement :4 coarse sand) RCC top slab with 1:2:4 mix (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size), foundation concrete 1:4:8 mix (1 cement :4 coarse sand :8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete as per standard design.				
9	Inside size 90x80cms and 45cms deep including CI cover with frame (light duty) 455x610mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15kg).				
	With FPS bricks of class designation 75				
	(i) For Sewer Line	3.000	each	10359.80	31079.39
10	Extra for depth for manholes:				
	Size 90x80cm with FPS bricks(class I)	1.500	metre	7127.85	10691.78
11	Providing MS foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement :3 coarse sand :6graded stone aggregate 20 mm nominal size) as per standard design				
	With 20x20 mm square bar	6.000	each	401.09	2406.54
	SUB TOTAL [IV]				86442.97
	SUB TOTAL [I+II+III+IV]				407140.36
	LESS 13.33% ON DSR 2018				-54271.81
	TOTAL [IV]				32171.16
	NON SCHEDULED ITEMS				
V	SANITARY INSTALLATIONS & C.P FITTINGS				
1	Providing and fixing in floor and wall face Ringfit UPVC ASTRAL ULTRADRAIN Conventional system for soil and waste water pipes conforming to (HSN CODE : 3917) Type B including jointing with seal ring.				
	(i) Double socketed pipes.				
	a) 110mm dia P.V.C. pipe	85.000	Rm	579.50	49257.50
	b) 90mm dia P.V.C. pipe	40.000	Rm	484.50	19380.00
2	Providing & fixing UPVC Floor trap of self cleansing design with CP Jali complete in all respects. (Make : Supreme / Finolex / Prince)				
	P-Trap type Floor Trap 110 x 90 mm	20.000	Nos.	256.50	5130.00
3	Providing and fixing terminal guard.				
	a) 110mm	6.000	Nos.	76.00	456.00
4	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC pipes including jointing with seal ring leaving 10 mm gap for thermal expansion.				
	110mm bend	19.000	Each	209.00	3971.00
	90 mm bend	4.000	Each	194.75	779.00
	Coupler				
	110mm	60.714	Each	142.50	8651.79
	90mm	28.571	Each	133.00	3800.00
	Single tee with door				
	110x110x110 mm	12.000	Each	318.25	3819.00
	110x110X90 mm	1.000	Each	299.25	299.25
	Single equal junction				

	90X90X90 mm	2.000	Each	228.00	456.00
5	Providing and fixing clean out plug 110 mm dia.		Each	128.25	
	TOTAL [V]				95990.54
	TOTAL [I+II+III+IV+V]				448868.09
	SAY (RS IN LAKHS)				4.49
MAINTENANCE SHED - INTERNAL ELECTRICAL WORK					
S.NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	Rate (Less 5%)	Amount
	SUBHEAD I- WIRING POINTS				
	UPPWD-2018				
1	Wiring points for light with 1.5 sqmm FRLSH PVC insulated single core Copper conductor cable in PVC conduit pipe partly concealed in wall and partly laid in slab along with the reinforcement before concreting, complete with 1.5 sqmm FRLSH PVC insulated multistrand copper conductor cable as				
	earth continuity wire and piano type switch etc. complete in all respects.	155.000	Each	579.50	89822.50
2	Same as item No. (1) but for two way light Points.	4.000	Each	751.45	3005.80
2	Same as item No. (1) but for fan and light duty exhaust fan.	43.000	Each	637.45	27410.35
3	Same as item No (1) but for 5 amp plug point with piano type switch and socket etc.	19.000	Each	310.65	5902.35
4	Addition when modular type switches etc are used in place of piono type switches etc. in various wiring points.				
i)	Addition for light / fan points with modular type switch in place of piono type switch.	197.000	Each	41.60	8234.60
ii)	Addition for plug points with modular type switch in place of piono type switch.	19.000	Each	78.85	1498.15
iii)	Addition for Exhaust fan points with modular type switch in place of piono type switch.	5.000	Each	44.65	223.25
5	Supply & wiring of submains with 2 nos. 2.5 sq.mm & with 1 no. earth wire of 1.5 sq.mm FR PVC insulated 1100 V grade single core multistrand copper conductor cable in 20 mm dia heavy duty (2mm thick) PVC conduit complete, including supply of all material, labour and T&P etc. required for proper completion of the work as directed by Engineer I/C.	60.000	Rmt	114.95	6897.00
6	Supply and wiring of submain 2 number 4 sqmm . FRLSH PVC insulated 1100 V grade multistranded single core copper conductor cable in heavy duty(2 mm thick) 20mm dia PVC conduit partly concealed in wall and partly laid in slab along with one number 2.5 sqmm FRLSH PVC insulated multistranded copper conductor				
	cable as earth continuity wire etc. complete in all respects.	432.000	Metre	141.55	61149.60
7	Supply and wiring of submain 2 number 4 sqmm . FRLSH PVC insulated 1100 V grade multistranded single core copper conductor cable in heavy duty(2 mm thick) 20mm dia PVC conduit laid in surface along with one number 2.5 sqmm FRLSH PVC insulated multistranded copper conductor				
	cable as earth continuity wire etc. complete in all respects.	240.000	Metre	145.35	34884.00
8	Supply and wiring of submain 4 number 10 sqmm . FRLSH PVC insulated 1100 V grade multistranded single core copper conductor cable in heavy duty (2 mm thick) 32mm dia PVC conduit along with two numbers 6 sqmm FRLSH PVC insulated multistranded copper conductor				
	cable as earth continuity wire etc. complete in all respects.	90.000	Metre	479.75	43177.50
9	Supply and wiring of submain 4 number 16 sqmm . FRLSH PVC insulated 1100 V grade multistranded single core copper conductor cable in heavy duty (2 mm thick) 40mm dia PVC conduit along with two numbers 10 sqmm FRLSH PVC insulated multistranded copper conductor				
	cable as earth continuity wire etc. complete in all respects.	60.000	Metre	686.85	41211.00
10	Supply fixing and concealing of 20mm dia 2mm thick PVC conduit pipe with ISI mark embossed and with PVC accessories conforming to IS No. 3419 for drawing wires duly sealed at joints with original resin/ adhesive to make the complete piping rigid,plastering with cement sand mortar finished to level with matching colour including cost of material labour and T & P etc required for proper completion of work(for Telephone)	120.000	Metre	58.90	7068.00
	TOTAL OF SUB-HEAD I (UPPWD-2018)				330484.10
	SUBHEAD II-INSTALLATION OF LIGHT FIXTURES AND FANS				
	UPPWD-2018				

11	Erection and testing of ceiling fan and regulator for room height upto 3.5mts. including supply of 3mm thick G.I. Pipe 19mm dia duly painted, complete in all respects.	38.000	Each	133.00	5054.00
12	Erection and testing exhaust fan on the exhausting hole with suitable size of rag bolts nuts and washers etc. complete in all respects.	5.000	Each	185.25	926.25
13	Supply and fixing hexagonal/Round G.P. fan box of approved make made up of 1.0mm thick ISI Marked G.P. sheet spot welded Four to Eight holes of 25.4 mm for pipe entry of the box. Holes should be semi-shuttered type with 0.5mm G.P. Sheet made upper & lower cover duly screwed fitted with 300mm round zinc coated M.S. Bar X 12mm & brand name should be embossed. Fixing with wiring conduit laid in the R.C.C. roof before concreting alongwith supply of all material, labour, T&P etc. required for proper completion of the work.	38.000	Each	142.50	5415.00
14	Supply of Ceiling Fan with fan motor of A.C Permanent insulation, capacitor rating conforming BEE 5 star rating and IS-374/79 and also comply with IS: 1709/1984 with latest amendment. The rated voltage 220/240 volts, 50Hz, 1-ph AC the fan assemble should consists of down road blades, shackle canopies etc and with double ball bearing system.				
	BEE 5 Star rated-1200mm sweep	38.000	Each	1710.00	64980.00
15	Supply fixing of electronic fan regulator(Modular) 120-280 V. ISI marked, on the existing switch board including making connection, required material, labour T/P etc for proper completion of work to the satisfaction of Engineer in charge of work.	38.000	Each	491.15	18663.70
16	Supply & fixing of LED Tube Light with Metal heavy dutyBox type batten Light fitting 2 x 22 watt suitable for up to 2 x 22 watt LED Polycarbonate tube light complete including tube etc suitable for both surface & surface complete in all respects (CAT: AAA)	43.000	Each	1700.50	73121.50
17	Supply & fixing of LED Tube Light with Metal heavy dutyBox type batten Light fitting 1 x 22 watt suitable for up to 1 x 22 watt LED Polycarbonate tube light complete including tube etc suitable for both surface & surface complete in all respects.(CAT: AAA)	103.000	Each	1130.50	116441.50
18	Supply & fixing of recess/Surface mounting round 10 to 15 watt, cut out Min 125mm, Height Min 40mm, LED Down Lighter having Powder coated die cast aluminium housing with heat sink, diffuser/ Reflector and driver set, suitable for 24Hr continuous Operation,complete in all respect.(CAT: AAA)	13.000	Each	1282.50	16672.50
	TOTAL OF SUB-HEAD II (UPPWD-2018)				301274.45
	SUBHEAD III-DISTRIBUTION BOARD				
	UPPWD-2018				
19	Supply and fixing of surface/flush mounting distribution boards with additional metal door without MCB complete in all respects(CAT A)				
a)	4 Way TPN	2.000	Each	3429.50	6859.00
b)	6 Way TPN	3.000	Each	4151.50	12454.50
20	Supply and fixing of 6Amp to 32 Amp (10 KA)SP MCB in existing MCB. DB complete with connections as required. (CAT: A)	57.000	Each	247.00	14079.00
21	Supply fixing and making connection of following MCBS complete in all respects as per direction and satisfaction of engineer-in-charge (CAT: A)				
a)	63 Amp. FP MCB (CAT: A)	2.000	Each	2175.50	4351.00
b)	40 Amp. FP MCB (CAT: A)	3.000	Each	2161.25	6483.75
22	Supply and fixing of power plug with 15A/250 V flush type switch and 5 Pin 15 A/250V flush type universal socket in suitable M.S. box of 175mmx100x50mm size with phenolic laminated bakelite sheet cover 3mm thick fixed with brass machine screws and cup washer.	24.000	Each	323.00	7752.00
23	Supply and fixing Single Pole MCBS Blanking Plate complete in all respects (CAT: A)	37.000	Each	23.75	878.75
	TOTAL OF SUB-HEAD III (UPPWD-2018)				52858.00
	SUBHEAD IV-EARTHING				
	UPPWD-2018				
24	Supply and burying of 600mm x 600 mmx6mm G.I. plate, vertically for earthing with its top atleast 3 mts. below ground level complete with 20mm G.I.pipe and funnel for watering and two earthing leads of No 8to10SWG G.I.wire in 15mm dia G.I. pipe upto switch board (from apron to switch board the cost of G.I. pipe and G.I. wire will be extra) 30cm square C.I. frame with hinged cover, masonry housing, alternate layers/of charcoal/ coke and salt at least 150mm thick around etc. complete in				
	all respects.	1.000	Each	5111.00	5111.00

25	Supplying & Laying of 25mmx3mm G.I. Strip for earthing purpose as required complete in all respects.	25.000	Metre	85.50	2137.50
26	Supply & fixing of two number 8 SWG G.I. wire in 15mm dia GI pipe for earthing purpose as required complete in all respects.	100.000	Metre	199.50	19950.00
	TOTAL OF SUB-HEAD IV (UPPWD-2018)				27198.50
	SUBHEAD V-CABLES				
	UPPWD-2018				
27	Supply and laying of aluminum conductor, PVC insulated armoured, served, sheeted cable 1000 bolts grade at a depth of 750mm below ground level over a cushion of 75mm thick sand around and protected with burnt bricks on sides and top on surface, the				
a)	95 sqmm 3.5 core	80.000	Rmt.	665.00	53200.00
28	Supply & fixing of brass nickel plated compression gland for PVC insulated & armoured served sheathed, underground cable including rubber ring etc. complete in all respects. The armouring of the cable shall be properly connected with the earth as per dire				
a)	95 sqmm 3.5 core	2.000	Each	210.90	421.80
29	Supply and fixing of Palm / pin type copper tin plated cables sockets (hugs) to the cable leads, insulating with tape and making of connections etc. complete in all respects as per direction of Engineer-In-charge.				
a)	95 sqmm	6.000	Each	83.60	501.60
b)	50 sqmm	2.000	Each	45.60	91.20
	TOTAL OF SUB-HEAD V (UPPWD-2018)				54214.60
	SUBHEAD VI-MAIN L. T. PANELS				
	NON SCH.				
30	L.T. PANELS				
	Supply, installation, testing and commissioning of electrical panel, modular type, front accessible only, free floor standing conforming to Minimum IP-43 degree of protection. The panel sheet structure shall undergo seven tank pre-treatment process before painting. The sheet steel shall be all of 2.0mm thick CRCA sheet. All the openable compartments of the panel shall be completely shrouded and provided with padlocking arrangement on all compartments including bus bar and cable alley chambers. The panel height shall not exceed 2200mm and the maximum operating height for any switchgear shall not be more than 1700mm. The panel shall be provided with minimum 75mm base channel frame fabricated from ISMC sections. All bus bar links in the panel shall be solid bus bars with coloured PVC shrinkable sleeves, no wires will be acceptable. Continuous earth bus shall run around the panel with earthing studs provided at minimum 2 places. The control wiring shall be carried out with minimum 1.5/2.5 sqmm copper wires and adequate number of NO/NC, potential free contacts incorporated for remote operation of the starters. Proper sized cable termination gland plates shall be provided on cable alleys and knockouts for same shall be provided during fabrication stage itself. The panel shall be provided with a thermostatically controlled heating arrangement (200 W) to take care of high humidity conditions. A 5A socket service outlet (single phase) shall be provided in one of the compartments as service outlet in the panel. Panel shall be so designed as to have minimum 20% spare feeders/space. Panel shall undergo epoxy powder coated paint, colour as per IS 5 requirement. All cable terminations shall be from top. The complete panel shall be fuse less type, for control circuits 2A/6A MCB's to be used. All bus bars shall be of aluminium, electrolytic grade only. Maximum design density shall not exceed 1 Amps/Sqmm. All bus bars shall be insulated with coloured heat shrinkable PVC sleeved. All bus bar supports shall be non hygroscopic DMC/SMC supports.				
	The panel shall be manufactured in conformance to requirements of local electrical inspector and it shall be contractors responsibility to get initial approval of drawings and also final approval of complete electrical works related to this section.				
	The minimum clearances between bus bars shall be as follows :				
	Phase to phase - minimum 20mm				
	Phase to neutral-minimum 15mm				
	MAIN L.T PANEL				
	Incoming :				
	One (1) No 125 Amp. 4P MCCB of 25KA Breaking capacity				
	Metering :				
	One (1) No. (0-500V) 96 x 96 Sqmm voltmeter with control fuse & selector switch.				
	One (1) No. (0-120A) 96 x 96 Sqmm CT operated Ammeter with selector switch, CTs etc.				

	One (1) Set of Phase Indication Lamp.				
	Bus Bar :				
	One (1) No. 200 Amp.TPN aluminium bus bar of suitable length.				
	Outgoing :				
	Phase indication lamps on each outgoing to be provided.				
	03 No 63 Amp TPN MCB. (10 KA)				
	03 No.40 Amp TPN MCB. (10 KA)				
	01 No 40 Amp SPN MCB. (10 KA)				
	Panel described as above	1.000	Set	40347.45	40347.45
	TOTAL OF SUB-HEAD VI (NON. SCH.)				40347.45
	SUBHEAD VIII- TELEPHONE & DATA SYSTEM				
	DSR-2018				
31	S/F MODULAR BOXES, BASE & COVER PLATE :-				
	Supplying and fixing following size/modules. GI box along with modular base & cover plate for modular switches in recess etc as required.				
	1 or 2 Module (75mm X 75 mm)	5.000	Each	230.85	1154.25
32	S/F MODULAR TYPE SWITCH / SOCKET :-				
	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc as required.				
	Telephone socket outlet	5.000	Each	113.05	565.25
33	Supplying and drawing telephone wire following pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as required.				
	2 Pair	120.000	Metre	19.00	2280.00
	TOTAL OF SUB-HEAD VIII (DSR-2018.)				3999.50
	NON SCH.				
34	Supplying and drawing telephone wire following pair 0.5 sqmm FR PVC insulated annealed copper conductor, unarmoured telephone cable in the existing surface/recessed steel/PVC conduit as required.				
a)	10 Pair	20.000	Metre	94.05	1881.00
35	S/f of 20 pair Telephone Tag Block for Floors and building with Krone connectors , with connection and punching of same	1.000	Each	3242.35	3242.35
	TOTAL OF SUB-HEAD VIII (NON. SCH.)				5123.35
	SUBHEAD IX-MISCELLANEOUS				
	NON SCH.				
36	Supply of AC 230/250 Volts, 50 Hz exhaust fans including providing nuts, bolts, mounting frame and other accessories including connections etc. complete as required				
a)	300mm sweep.	5.000	Each	1865.80	9329.00
	TOTAL OF SUB-HEAD IX (NON. SCH.)				9329.00
	TOTAL				824828.95
	SAY (RS IN LAKHS)				8.25
	COST OF CAMPUS EARTH FILLING	9547.876	CUM	314.36	3001422.56
	SAY (RS IN LAKHS)				30.01
	APPROACH ROAD				
	BITUMINOUS ROAD (ANALYSIS FOR 10.0 MT. LENGTH & 15.0 MT. WIDE)				
S.NO.	DESCRIPTION OF ITEM	QUANTITY	UNIT	Rates (Less 5%)	Amount
1	Water Bound Macadam				
	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density.				
	Grading-I	18.750	CUM	4564.75	85589.06
	Grading-II	15.000	CUM	4298.75	64481.25
	Grading-III	15.000	CUM	4534.35	68015.25

2	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.	150.000	SQM	20.90	3135.00
3	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 kg per sqm on the prepared bituminous/granular surface cleaned with mechanical broom.	150.000	SQM	7.60	1140.00
4	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen or cut-back or emulsion to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a smooth wheeled roller 8-10 tonne capacity, finished to required level and grades.	150.000	SQM	159.60	23940.00
5	Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type A and B seal coats	150.000	SQM	59.85	8977.50
6	Brick on edging	20.000	RMT.	55.58	1111.50
	COST OF 150.00 SQM.				256389.56
	HENCE COST OF 1.0 SQM.				1709.26
	HENCE COST OF 480.00 SQM.				820446.60
	SAY (RS IN LAKHS)				8.20
	MAKING ROAD SHOULDER (KACHCHA)	121.920	CUM	314.36	38326.16
	SAY (RS IN LAKHS)				0.38
	ADD COST OF TRANSFORMER @1600 KVA -2 NOS.				39.90
	TOTAL COST OF WORK				397.26
	ADD LABOUR CESS @ 1%				3.97
	TOTAL FINAL COST OF WORK				401.23

SCHEDULE-H

ADDITIONAL ITEM RATES:-

These will be measured and paid as defined in the contract. As per Bid Document

SECTION – 7

GUARANTEES & FORMS

Letter of Acceptance

(On the Letter Head)

Subject:- Letter of acceptance for Construction ofatin District.....

To,

M/s

.....

.....

This is to notify you that on behalf of the Employer, the,C&DS, U P Jal Nigam
.....,your Bid dated for Construction ofatin district..... for
the Contract Price of Rs.....(Rs.....only)is hereby accepted by the
competent authority.

You are hereby requested to furnish Performance Security, in the form detailed in Cl.46 of General
Conditions of Contract for an amount of Rs..... (Rs.....) within 10
days of the receipt of this letter of acceptance valid up to 45 days from the date of expiry of Defects
Liability Period (i.e. up to) and sign the contract, failing which action as stated in Clause
46.4 of General Conditions of Contract will be taken.

You are also requested to submit following Stamps, affidavits and documents for execution of contract.

List of documents-

1.....

2.....

3.....

Yours faithfully,

.....,

.....

Endt.No. & Dated as above.

Copy to the following for information & necessary action.

(Issue of Notice to Proceed with Work)

OFFICE OF THE(Letter Head)

Subject:-Issue of Notice to proceed with the work

To,

.....

.....

.....

Dear Sirs:

Pursuant to your furnishing the requisite performance security as stipulated in Clause 46 of General Conditions of Contract and signing of the contract to the construction ofatin Distt., you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

.....

.....

STANDARD FORM OF AGREEMENT

{Notes on Standard Form of Agreement: The Agreement should incorporate any corrections or modifications to the Bid resulting from corrections of errors as mentioned in Instructions to Bidders.}

Standard Form: Agreement

Agreement

This agreement, made the day of of 20. Between.....,
(hereinafter called “the Employer”) of the one part, and

.....

.....

.....

[name and address of Contractor] (hereinafter called “the Contractor” of the other part).

Whereas the Employer is desirous that the Contractor execute the Work of Construction ofatDistrict- (hereinafter called “the Works”) and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a cost of Rupees(Rs.....only)

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects within the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- i) Letter of Acceptance;
- ii) Notice to proceed with the works;
- iii) Contractor's Bid;
- iv) Contract Data;
- v) Special Conditions of contract and General Conditions of Contract;
- vi) Specifications;
- vii) Drawings & Schedules;
- viii) Bill of Quantities; and
- ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of

.....

was hereinto affixed in the presence of:

Signed, Sealed and Delivered by the said to,

.....

In the presence of:

Binding Signature of Employer's authorised representative.

.....

Binding Signature of Contractor

.....

Form of Performance Security (Guarantee)

Bank Guarantee Bond

In consideration of the Construction & Design Services, U.P. Jal Nigam (hereinafter called 'The Nigam') having offered to accept the terms and conditions of the proposed agreement between and (Hereinafter called 'the said Contractor(s)') for the work (Hereinafter called 'the said agreement') having agreed to production of an irrevocable Bank Guarantee for Rs. (Rupees only) as a security/guarantee from the contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1- We, _ (Hereinafter referred to as 'the Bank') hereby undertake to pay to the Nigam an amount not exceeding Rs (Rupees Only) on demand by the Nigam.

2- We, (indicate the name of the Bank) do hereby undertake to pay the amounts due and payable under this guarantee without any demure, merely on a demand from the Nigam stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the Nigam by reason of breach by the said contractor (s) of any terms & condition contained in the said Agreement or by reason of the contractor (s) failure to perform the said Agreement. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs (Rupees only)

3- We, the said bank further undertake to pay the Nigam any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4- We, (indicate the name of the Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Nigam under or by virtue of the said Agreement have been fully paid and its claims satisfied or discharged or till Engineer-in-Charge on behalf of the Nigam certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5- We, (indicate the name of the Bank) further agree with the Nigam that the Nigam shall have the fullest liberty without our consent and without affecting in any manner our

obligation & hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Nigam against the said contractor(s) and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Nigam or any indulgence by the Nigam to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6- This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7- We, (Indicate the name of the Bank) lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Nigam in writing.

8- This guarantee shall be valid up to unless extended on demand by the C&DS. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs (Rupees) and unless a claim in writing is lodged with us within twelve months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Dated the day of

For.....

(Indicate the name of the Bank)

BANK GURANTEE FOR MOBILISATION ADVANCE

(On non-judicial paper of an appropriate value)

To,

.....
C & D.S, U.P. Nigam
.....
.....

Subject: -----

(Name of work and Contract No.)

Dear Sir,

1- In consideration of the Construction & Design Services, U.P.Jal Nigam. (hereinafter called the Nigam, which expression shall include his successors and assigns) having agreed under the terms & conditions of Contract no dated (Hereinafter called the Contract) to make at the request of the contractor there under a lump sum advance of Rs for utilizing it for the purposes of the said contract on its furnishing a guarantee acceptable to the Nigam.

2. We them Bank having its branch office at (hereinafter referred to as the Bank or the said Bank) a Company under the Companies Act, 1956 and having our registered office at do hereby guarantee the repayment and recovery of the said advance together with interest thereon as provided according to the terms and conditions of the said contract. If the contractor fails to utilize the said advance for the purposes of the said contract and/or the said advance together with interest thereon as aforesaid is not fully recovered by the Nigam, we Bank, hereby unconditionally and irrevocably undertake to pay to the Nigam on merely demand and without demur or protest to the extent of the said sum of Rs with interest any claim made by the Nigam on us against non-utilization/ mis-utilisation of the said advance and/or reason of Nigam not being able to recover in full the said sum of Rs with interest as aforesaid.

3- We..... Bank further agree that the Nigam shall be the sole judge of and as to whether the contractor has utilized or not utilized the said advance or any part thereof for the purpose of the said contract and/or as to whether the advance or any part thereof with interest has been recovered or not and the finding of the Nigam in this regard shall be final and binding on us.

4- We, the said Bank further agree that the Guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said contract and till the said advance has been fully recovered and its claims satisfied or discharged and till the Nigam certifies that the said advance with interest has been fully recovered from the contractors.

5- The Nigam shall have the fullest liberty without affecting in any way the liability of the said Bank under this guarantee or indemnity from time to time to vary any of the terms and conditions of the said Contract or the advance or to extend time of performance by the Contractor or to postpone for any time and from time to time any of the powers exercisable by it against the said Contractor and either to contract or the advance or securities available to Nigam and the said Bank shall not be released from its liability under these presents any exercise by the Nigam of the liberty with reference to the matter aforesaid or by reason of time being given to the said Contractor/or any forbearance, act or omission on the part of the Nigam or any indulgence by the Nigam to the said Contractor or of any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of so releasing the said Bank from its said liability.

6- The Bank hereby waives all rights at any time inconsistent with the terms of this Guarantee and the obligations of the Bank in terms hereof shall not be in any way affected or suspended by reason of any dispute or disputes having been raised by the affected or suspended by reason of any dispute or disputes having been raised by the Contractor (whether or not pending before any Arbitrator, Tribunal or Court) or any denial or liability by the Contractor stopping or preventing or purporting to stop or prevent any payment by the Bank to the Nigam in terms thereof.

7- The amount stated in any notice of demand addressed by the Nigam to the Bank as liable to be paid to the Nigam, by the Contractor shall be conclusive evidence of the amount so liable to be paid to the C&D.S, U.P. Nigam by the Bank.

8- This guarantee/undertaking shall be in addition to any other guarantee or security whatsoever that the Nigam may now or any time may have in relation to the Contractor's obligations or liabilities under and/or in connection with the said Contract, and the Nigam shall have full authority to have recourse to or enforce this security in preference to any other guarantee or security which the Nigam may have or obtain and no forbearance on the part of the Nigam in enforcing or requiring enforcement of any other security shall have the effect to releasing the Bank from its full liability hereunder.

9- It shall not be necessary for the Nigam to proceed against the said Contractor before proceeding against the Bank and the guarantee herein contained shall be enforceable against the Bank notwithstanding that any security the Nigam may have obtained from the Contractor shall at the time when proceedings are taken against the said Bank hereunder be outstanding or unrealized.

10- We the said Bank undertake that we shall pay for the with the amount stated in the notice or demand notwithstanding any dispute/difference pending between the parties before the arbitrator and/or that any dispute is being referred to arbitration.

11- We, the said Bank undertake not to revoke this guarantee during its currency except with the consent of the Nigam in writing and agree that any change in the Constitution of the said Contractor or the said Bank shall not discharge our liability hereunder.

12- This guarantee/undertaking shall be a continuing guarantee/undertaking and shall remain valid and irrevocable for all claims of the Nigam and liabilities of the Contractor arising up to and until midnight of

13- Notwithstanding anything contained herein above, our liability under this guarantee shall be restricted to Rs along with interest due thereon (Rs) with interest and this guarantee shall remain in full force till And unless a claim is made on us within twelve months from the date i.e. before all the claims under this guarantee shall be discharged and we shall be relieved of and discharged from our liabilities hereunder.

Dated Day of 201....

For and on behalf of Bank.

Issued under seal

SAMPLE FORMAT FOR WILLINGNESS CERTIFICATE

(To be submitted for Specialized Works)

Name of Work:- Construcion of(SH:- Insert name and nature of specialized work)

I declare that I am having technical expertise required for proper execution of above specialized work. I am registered withforwork in category..... I have been issued license no.valid upto (attach copy) as required for execution of the specialized work.

I hereby give my willingness to work as associated specialized agency/contractor for the above mentioned work. I declare that I will execute the said works as per specifications, conditions of the agreement and as per directions of the Engineer. I also undertake that I will employ full time technically qualified supervisor for the works. I will attend inspection of officers of the department as and when required.

Date:

Signature:

Name:

Address

Phone No.

E-mail:

SAMPLE FORMAT FOR EXECUTING MEMORANDUM OF UNDERSTANDING

Memorandum of Understanding (M.O.U.) Between

M/S **(Insert Name of the Firm with full address)**.....

.....

(Hereinafter called the Main Contractor)

And

M/s **(Insert Name and full address of the associated specialized contractor)**.....

.....

License Status (as applicable for the specialized work) : Issued By

Valid Upto:

(Henceforth called Associated Specialized Contractor forworks)

Name of Work:- Construcion of (SH:-Insert name of item of specialized work).

We state that M.O.U. between us will be treated as an agreement and has legality as per Indian Contract Act (amended upto date). The department (C&DS, U P Jal Nigam) can enforce all the terms and conditions of the agreement for execution of the above work. Both of us shall be responsible for the execution of work as per the agreement to the extent of this MOU allows.

We have agreed as under:

1- The associated specialized contractor shall be responsible to discharge his duties as per terms of agreement entered with Main Contractor. In case of failure of associated specialized contractor in discharging his duties the Department shall be free to take any action as per agreement including forfeiture of the security deposit against the Main Contractor.

3- The site staff required for the specialized work shall be arranged by the associated specialized contractor as per terms and conditions of the agreement.

Signature of Main Contractor

Signature of Associated Specialized Contractor

Date:

Date:

Place:

Place:

Countersigned:

(Name.....)

Engineer,

Project Manager, Unit-...C&DS, U P Jal Nigam,

TO BE EXECUTED BY CONTRACT FOR REMOVAL OF DEFECTS
IN WATER PROOFING WORKS (Basements, Sunken Parts, and Roofs etc.)

(On Rs. 100/- stamp paper)

This Agreement is made on.....day of 201.. between C&DS, U P Jal Nigam, represented by Project Manager, Unit...., C&DS, U.P. Jal Nigam (hereinafter called the C&DS which expression shall where ever the context so demands or requires, includes their successors in office and assigns) of one part and M/s _____(hereinafter called the Guarantor which expression shall wherever the context so demands or requires includes his successors and assigns) of the other part.

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated-----executed for the purpose of water proofing of structures connected with construction ofand made between the GUARANTOR OF THE ONE part and the C&DS of the other part, whereby the Guarantor, interalia, undertook to render the buildings and structures in the contract recited completely water and leak-proof.

AND WHEREAS THE GUARANTOR agrees to give a guarantee to the effect that the said structures will remain water and leak proof for 10 (Ten) years from the date after the defect liability period prescribed in the contract.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak proof and the minimum life of such water proofing treatment shall be ten years to be reckoned from the date after the defect liability period prescribed in the contract.

Provided that the Guarantor will not be responsible for the leakages caused by earthquake or structural defects or misuse of roof/other components rendered waterproof by the Guarantor or alteration and for such purpose:

- (a) Misuse shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof.
- (b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts.
- (c) The decision of the Engineer-in -charge with regard to cause of leakage/seepage shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render that component water proof to the satisfaction of the Engineer-in-charge at his cost. The Guarantor shall commence the work for the rectification within seven days from the date of issue of the notice from the Engineer-in-charge calling upon him to rectify the defects failing which the work shall be done by the department by some other agency/contractor at the GUARANTOR's risk and cost. The decision of the Engineer as to the cost payable by the Guarantor shall be final and binding.

Guarantor hereby indemnifies the C&DS for any/all losses, damages, cost expense otherwise which may be incurred by C&DS by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement and in this respect the amount of loss and/or damage and/or cost incurred by the C&DS, the decision of the Engineer will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Guarantor.....and..... for and on behalf of the C&DS on the day, month and year first above written SIGNED, SEALED AND delivered by Guarantor.

Signed by Guarantor

In the presence of:

- 1.
- 2.

In the presence of:

Signed for C&DS by

- 1.
- 2.

GUARANTEE BOND TO BE EXECUTED BY CONTRACTOR (s) FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF ANTITERMITE TREATMENT WORKS

(On Rs. 100/- stamp paper)

This Agreement is made on.....day of 201.. between C&DS, U P Jal Nigam, represented by Project Manager, Unit..., C&DS, U.P. Jal Nigam (hereinafter called the C&DS which expression shall wherever the context so demands or requires, includes their successors in office and assigns) of one part and M/s _____(hereinafter called the Guarantor which expression shall wherever the context so demands or requires includes his successors and assigns) of the other part.

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated-----executed for the purpose of anti-termite treatment of structures connected with construction ofand made between the GUARANTOR OF THE ONE part and the C&DS of the other part, whereby the Guarantor, interalia, undertook to render the buildings and structures in the contract recited completely termite proof.

AND WHEREAS the Guarantor agrees to give a guarantee to the effect that the said structure will remain Termite proof for ten years to be reckoned from the date after the defect liability period prescribed in the contract expires.

During this period of guarantee the contractor shall make good all defects and for that matter shall replace at his risk and cost such wooden members and other materials like furniture, books etc. as may be damaged by termite and in case of any other defect being found he shall render the building termite proof at his cost to the satisfaction of the C&DS and shall commence the works of such rectification within seven days from the date of issuing notice from the C&DS calling upon him to rectify the defects. If the Guarantor fails to rectify the defects which the work shall be got done by C&DS through some other contractor at the Guarantor's cost and risk and in the later case the decision of the C&DS as to the cost recoverable from the Guarantor shall be final and binding.

Guarantor hereby indemnifies the C&DS for any/all losses, damages, cost expense otherwise which may be incurred by C&DS by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement and in this respect the amount of loss and/or damage and/or cost incurred by the C&DS, the decision of the Engineer will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed byfor and on behalf of the C&DS and the Guarantor M/s.....on the day, month and year first above written SIGNED, SEALED AND delivered by Guarantor.

Signed by Guarantor

In the presence of :

1.
2.

In the presence of:

Signed for C&DS by

1.
2.

**GUARANTEE BOND TO BE EXECUTED BY CONTRACTOR (s) FOR REMOVAL OF DEFECTS AFTER
COMPLETION IN RESPECT OF ALUMINIUM DOORS, WINDOWS VENTILATORS WORKS**

(IF APPLICABLE)

(On Rs. 100/- stamp paper)

This Agreement is made on.....day of 201.. between C&DS, U P Jal Nigam, represented by Project Manager, Unit....., C&DS, U.P. Jal Nigam (hereinafter called the C&DS which expression shall where ever the context so demands or requires, includes their successors in office and assigns) of one part and M/s _____(hereinafter called the Guarantor which expression shall wherever the context so demands or requires includes his successors and assigns) of the other part.

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated-----
----- executed for construction ofand made between the GUARANTOR OF THE ONE part and the C&DS of the other part, whereby the Guarantor, inter alia, undertook to render the work in the said contract recite structurally stable, use sound material, workmanship, anodizing, colouring, sealing.

AND WHEREAS the Guarantor agrees to give a guarantee to the effect that the said work will remain structurally stable and guarantees against faulty material and workmanship, defective anodizing, colouring, sealing and finishing for 2 (Two) years to be reckoned from the date after the expiry of defect liability period prescribed in the contract.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's risk and cost. The decision of the Engineer as to the cost, payable by the Guarantor shall be final and binding.

Guarantor hereby indemnifies the C&DS for any/all losses, damages, cost expense otherwise which may be incurred by C&DS by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement and in this respect the amount of loss and/or damage and/or cost incurred by the C&DS, the decision of the Engineer will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed byfor and on behalf of the C&DS and the Guarantor M/s.....on the day, month and year first above written SIGNED, SEALED AND delivered by Guarantor.

Signed by Guarantor

In the presence of:

1.
2.

In the presence of:

Signed for C&DS by

1.
2.

**GUARANTEE BOND TO BE EXECUTED BY CONTRACTOR (s) FOR REMOVAL OF DEFECTS
AFTER COMPLETION IN RESPECT OF WATER SUPPLY AND SANITARY INSTALLATIONS**

(On Rs. 100/- stamp paper)

This Agreement is made on.....day of 201.. between C&DS, U P Jal Nigam, represented by Project Manager, Unit....., C&DS, U.P. Jal Nigam (hereinafter called the C&DS which expression shall wherever the context so demands or requires, includes their successors in office and assigns) of one part and M/s _____ (hereinafter called the Guarantor which expression shall wherever the context so demands or requires includes his successors and assigns) of the other part.

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated-----executed for construction ofand made between the GUARANTOR OF THE ONE part and the C&DS of the other part, whereby the Guarantor, interalia, undertook to render the work in the said contract recited structurally stable leak proof, workmanship, finishing and use of sound materials.

AND WHEREAS the Guarantor agrees to give a guarantee to the effect that the said work will remain structurally stable and guarantees against faulty workmanship, finishing, manufacturing defects of materials and leakages, etc. after expiry of defect liability period prescribed in the contract for the minimum life of **05 (Five)** year to be reckoned from the date after the expiry of defect liability period prescribed in the contract.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's risk and cost. The decision of the Engineer as to the cost, payable by the Guarantor shall be final and binding.

Guarantor hereby indemnifies the C&DS for any/all losses, damages, cost expense otherwise which may be incurred by C&DS by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement and in this respect the amount of loss and/or damage and/or cost incurred by the C&DS, the decision of the Engineer will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed byfor and on behalf of the C&DS and the Guarantor M/s.....on the day, month and year first above written SIGNED, SEALED AND delivered by Guarantor.

Signed by Guarantor

In the presence of:

1.

2.

In the presence of:

Signed for C&DS by

1.

2.

GUARANTEE BOND TO BE EXECUTED BY CONTRACTOR (s) FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF INTERNAL ELECTRICAL INSTALLATIONS

(On Rs. 100/- stamp paper)

This Agreement is made on.....day of 201.. between C&DS, U P Jal Nigam, represented by Project Manager, Unit....., C&DS, U.P. Jal Nigam (hereinafter called the C&DS which expression shall where ever the context so demands or requires, includes their successors in office and assigns) of one part and M/s _____ (here in after called the Guarantor which expression shall wherever the context so demands or requires includes his successors and assigns) of the other part.

WHEREAS THIS agreement is supplementary to a contract (Hereinafter called the Contract) dated-----executed for construction ofand made between the GUARANTOR OF THE ONE part and the C&DS of the other part, whereby the Guarantor, interalia, undertook to render the work in the said contract recited with sound workmanship, finishing and use of sound materials.

AND WHEREAS the Guarantor agrees to give a guarantee to the effect that the said work will remain effective/ stable and guarantees against faulty workmanship, finishing, manufacturing defects of materials and leakages, short circuiting etc.after expiry of defect liability period prescribed in the contract for the minimum life of 02 (Two) years to be reckoned from the date after the expiry of defect liability period prescribed in the contract.

During this period of guarantee, the guarantor shall make good all defects to the satisfaction of the Engineer-in-charge at his cost and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer calling upon him to rectify the defects failing which the work shall be got done by the Department by some other contractor at the Guarantor's risk and cost. The decision of the Engineer as to the cost, payable by the Guarantor shall be final and binding.

Guarantor hereby indemnifies the C&DS for any/all losses, damages, cost expense otherwise which may be incurred by C&DS by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement and in this respect the amount of loss and/or damage and/or cost incurred by the C&DS, the decision of the Engineer will be final and binding on the parties.

IN WITNESS WHERE OF these presents have been executed byfor and on behalf of the C&DS and the Guarantor M/s..... On the day, month and year first above written SIGNED, SEALED AND delivered by Guarantor.

Signed by Guarantor

In the presence of:

1.
2.

In the presence of:

Signed for C&DS by

1.
2.