

**BILL OF QUANTITY FOR THE CONSTRUCTION OF DPM OFFICE CUM RESIDENTIAL FLATS IN SHEOHAR DISTRICT (BIHAR)**

S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
1	2.8	Earth work in excavation in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				Rupees One Hundred Seventy Eight and Forty Paise Only	
	2.8.1	All kinds of soil	cum	530.87	163.97		87046.75
2	2.27	Extra for every additional lift of 1.5 m or part thereof in :				Rupees Twenty Three and Eighty Three Paise Only	
	2.27.1	All kinds of soil.	cum	189.54	5.83		1105.02
3	2.26	Filling available excavated earth (exclude rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth consolidating each deposited layer by ramming and watering lead	cum	515.96	74.72	Rupees Seventy Four and Seventy Two Paise Only	38550.43
4	2.28	Supplying and filling in plinth with local sand under floors including, watering, ramming consolidating and dressing complete.	cum	313.02	295.45	Rupees Two Hundred Ninety Five and Forty Five Paise Only	92482.02
5	2.37	Diluting and injecting chemical emulsion for POSTCONSTRUCTIONAL anti -termite treatment (excluding the cost of chemical emulsion):					
	2.37.2	Along the external wall below concrete or masonry apron using chemical emulsion @ 2.25 litres per linear metre including drilling and plugging holes					
	2.37.2.1	With Chlorpyrifos / Lindane E.C 20% with 1% concentration.	m	33.00	79.67	Rupees Thirty Three Only	2629.11
6	2.37.3	Treatment of soil under existing floors using chemical emulsion @ one litre per hole, 300 mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 ( 1 cement: 2 Coarse sand) to match the existing floor.				Rupees One Hundred Seventy and Ninety Paise Only	
	2.37.3.1	With Chlorpyrifos / Lindane E.C 20% with 1% concentration.	sqm	170.90	254.36		43470.12
7	6.1A	Brick work with bricks of class designation 100A in foundation and plinth in:					
	6.1.14A	cement mortar 1:6 (1 cement : 6 coarse sand)	cum	3,713.50	214.01	Rupees Three Thousand Seven Hundred Thirteen and Fifty Paise Only	794726.14
8	6.3A	Extra for Brick work in superstructure above plinth level upto floor V cum.	cum	378.80	199.71	Rupees Three Hundred Seventy Eight and Eighty Paise Only	75650.15
9	6.18A	Half brick masonry with brick of class designation 100A in foundation and plinth.					
	6.18.4A	Cement mortar 1:4 (1cement : 4coarse sand)	sqm	458.70	219.15	Rupees Four Hundred Fifty Eight and Seventy Paise Only	100524.11
10	6.19A	Extra for half brick masonry in superstructure above plinth level upto V floor level.	sqm	41.40	205.99		8527.99
11	6.21A	Extra for providing and placing in position 2Nos. 6mm dia. MS bars at every third third course of half brick masonry (with F.P.S. brick)	sqm	68.70	205.99	Rupees Sixty Eight and Seventy Paise Only	14151.51
	4.5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering-all work upto plinth level.					

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12	4.5.8	1:4:8 ( 1 cement: 4 coarse sand: 8 graded stone aggregate 40mm nominal size)	cum	2,245.10	32.85	Rupees Two Thousand Two Hundred Forty Five and Ten Paise Only	73744.80
13	4.17	Making plinth protection 50mm thick of cement concrete 1:3:6(1 cement:3 coarse sand:6 graded stone aggregate 20mm nominal size) over 75mm bed dry brick ballast 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	sqm	378.50	77.70	Rupees Three Hundred Seventy Eight and Fifty Paise Only	29408.14
14	5.42	Providing and laying in position machine batched, machine mixed and machine vibrated design mix cement concrete of specified grade for reinforced cement concrete structural elements, excluding the cost of centering, shuttering finishing and reinforcement, M-20 grade reinforced cement concrete.					
(a)	5.42.1	All work upto plinth level	cum	3,875.40	12.83	Rupees Three Thousand Eight Hundred Seventy Five and Forty Paise Only	49705.60
(b)	5.42.2	All work from plinth level upto floor V level					
	5.42.2.1	Walls, columns, pillars, posts and struts	cum	4,120.00	35.46	Rupees Four Thousand One Hundred Twenty Only	146095.20
(c)	5.42.2.2	Beams, plinth beams, girders, bressumers, cantilevers, Suspended floors lintels roofs and staircases including spiral staircases, shelves etc.	cum	4,312.40	189.06	Rupees Four Thousand Three Hundred Twelve and Forty Paise Only	815281.34
15	5.44	Add or deduct for providing richer or leaner mixes respectively at all floor levels.					
	5.44.1	Providing M-25 grade R.C.C. instead of M-20 grade R.C.C.	cum	167.10	243.00	Rupees One Hundred Sixty Seven and Ten Paise Only	40605.30
16	Code No. 7318	Plasticizer/super plasticizer	kg	38.88	1,730.36	Rupees Thirty Eight and Eighty Eight Paise Only	67276.57
17	5.14	Centring and shuttering including strutting, propping etc. and removal of form for:					
(a)	5.14.1	Foundations, footings, bases of columns etc. for mass concrete.	sqm	137.78	172.53	Rupees One Hundred Thirty Seven and Seventy Eight Paise Only	23771.17
(b)	5.14.3	Suspended floors, roofs, landings, balconies and access platform.	sqm	229.80	748.36	Rupees Two Hundred Twenty Nine and Eighty Paise Only	171973.12
(c)	5.14.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	sqm	195.60	1,002.76	Rupees One Hundred Ninety Five and Sixty Paise Only	196139.86
(d)	5.14.6	Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	283.30	568.76	Rupees Two Hundred Eighty Three and Thirty Paise Only	161129.71

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
(e)	5.14.14	Extra for shuttering in circular work (20% of respective centring and shuttering items)	sqm	39.12	2.86	Rupees Thirty Nine and Twelve Paise Only	112.04
(f)	5.14.17	Edges of slabs and breaks in floors and walls					
	5.14.17.1	Under 20 cms wide	m	76.60	55.28	Rupees Seventy Six and Sixty Paise Only	4234.47
(g)	5.14.20	Weather shade, Chajjas, corbels etc., including edges	sqm	355.20	13.28	Rupees Three Hundred Fifty Five and Twenty Paise Only	4717.06
18	5.29	Reinforcement for R.C.C work including straightening, cutting bending, Placing in position and binding all complets.					
(a)	5.29.7A	Thermo-Mechanically Treated bars TMTC-500-8mm dia	kg	67.00	10,244.00	Rupees Sixty Seven Only	686348.00
(b)	5.29.7B	Thermo-Mechanically Treated bars TMTC-500-10mm dia	kg	65.70	2,867.00	Rupees Sixty Five and Seventy Paise Only	188361.90
(c)	5.29.7C	Thermo-Mechanically Treated bars TMTC-500-12mm dia	kg	65.10	3,608.00	Rupees Sixty Five and Ten Paise Only	234880.80
(d)	5.29.7D	Thermo-Mechanically Treated bars TMT Fe-500-16mm dia	kg	65.70	8,125.00	Rupees Sixty Five and Seventy Paise Only	533812.50
(e)	5.29.7E	Thermo-Mechanically Treated bars TMT Fe-500-20mm dia	kg	65.50	10,195.00	Rupees Sixty Five and Fifty Paise Only	667772.50
(f)	5.29.7F	Thermo-Mechanically Treated bars TMT Fe-500-25mm dia.	kg	65.50	2,047.00	Rupees Sixty Five and Fifty Paise Only	134078.50
19	11.72	Providing desination 100 A one brick flat soling joints filled with local sand including cost of watering texes, roulalty all complete as per building specification and direction of E/I.	sqm	212.90	245.76	Rupees Two Hundred Twelve and Ninety Paise Only	52322.30
20	9.24	Providing and fixing flush door shutters decorative type, core of block board construction with frame of 1st class hard wood and well matched teak ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.					
	9.24.2	35 mm thick including Stainless Steel butt hinges with necessary screws.	sqm	2,336.40	62.34	Rupees Two Thousand Three Hundred Thirty Six and Forty Paise Only	145651.18
21	9.25	Providing and fixing flush door shutters non-decorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:					
	9.25.2	35 mm thick including Stainless Steel butt hinges with necessary screws.	sqm	1,711.60	59.18	Rupees One Thousand Seven Hundred Eleven and Sixty Paise Only	101292.49
22	9.34	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of shutters (overall area of door shutter to be measured)	sqm	349.90	121.52	Rupees Three Hundred Forty Nine and Ninety Paise Only	42519.85
23	9.87	Providing 40 x 5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bots, nuts and wooden plugs and embeddings in cement concrete block 30x10x15 cm 1:3:6 mix ( 1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size)	each	75.50	276.00	Rupees Seventy Five and Fifty Paise Only	20838.00

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
24	9.218	Providing and fixing alluminium sliding door bolt anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with nuts and screws etc. complete:					
	9.218.1	300x16 mm	each sb	213.10	46.00	Rupees Two Hundred Thirteen and Ten Paisa Only	9802.60
25	9.222	Providing and fixing alluminium handles anodised(anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc. complete:					
	9.222.1	125 mm	each	66.30	92.00	Rupees Sixty Six and Thirty Paisa Only	6099.60
26	9.223	Providing and fixing alluminium hanging floor door stopper anodised (anodic coating not less than grade AC 10 as per IS :1868) transparent or dyed to required colour and shade with necessary screws etc.complete:					
	9.223.2	Twin rubber stopper	each	52.50	46.00	Rupees Fifty Two and Fifty Paisa Only	2415.00
27	9.150	Providing and fixing IS:3564 bright finished brass hydraulic door closer (best make of approved quality) with necessary accessories and screws etc. complete.	each	680.90	17.00	Rupees Six Hundred Eighty and Ninety Paisa Only	11575.30
28	9.219	Providing and fixing aluminium sliding tower bolt (anodic coating not less than grade AC 10 as per IS:1868) transparent or dyed to required colour and shade with nuts screws etc. necessary screws etc. complete.					
	9.219.1	300 x 10 mm	each	106.10	19.00	Rupees One Hundred Six and Ten Paisa Only	2015.90
	9.219.4	150 x 10 mm	each	62.30	27.00	Rupees Sixty Two and Thirty Paisa Only	1682.10
29	24.1	Providing and fixing anodised aluminium work for doors, windows, ventilators and partitions with extuded built up standard tubular and other sections of approved make conforming to IS: 733 and IS: 1285, anodised transparent or dyed to required shade according to IS: 1868. (Minimum anodic coating of grade AC 15), fixed with rawl plugs and screws or with fixing clips, or with expansion hold fastners including necessary filling up of gaps at junctions, at top, bottom and sides with required PVC/neoprene felt etc. Aluminium sections shall be smooth, rust free straight, mitred and jointed mechanically wherever required including cleat angle. Aluminium snap beading for glazing/paneling, C,P. brass/stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing and panelling to be paid for separately.)					
	24.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges / pivots and making provision for fixing of fittings wherever required including the cost of PVC / neoprene gasket required (Fittings shall be paid for separately)	kg	384.35	1,355.76	Rupees Three Hundred Eighty Four and Thirty Five Paisa Only	521086.36

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
30	24.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of Engineer-in-charge. (Cost of aluminium snap bading shall be paid in basic item.)					
	24.3.2	With glass panes of 5.50 mm thickness (weight not less than 13.75 kg / sqm)	sqm	909.90	112.98	Rupees Nine Hundred Nine and Ninety Paise Only	102800.50
31	8.2	Providing and fixing 20 mm thick mirror polished, machine cut for kitchen platforms, vanity counters facias and similar locations of required size of approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement: 4 coarse sand) with joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing etc. complete at all levels.					
	8.2.6	Granite black					
	8.2.6.3	Area of each slab over 0.2sqm but upto 0.5 sqm Granite of any colour and shade	sqm	2,762.20	16.52	Rupees Two Thousand Seven Hundred Sixty Two and Twenty Paise Only	45631.54
32	8.3	Extra for providing edge moulding to 19 mm thick marble stone counters, Vanities etc. over item no. 8.2 mm thick marble stone counters, Vanities etc. over item no. 8.2 including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-charge. Granite work					
	8.3.2	Granite black	m	211.60	27.54	Rupees Two Hundred Eleven and Sixty Paise Only	5827.46
33	8.4	Extra for fixing marble / granite stone over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based (Araldite or equivalent) adhesive including cleaning etc. complete.	m	120.40	27.54	Rupees One Hundred Twenty and Forty Paise Only	3315.82
34	8.5	Extra for providing opening of required size & shape for wash basins / kitchen sink in kitchen platform, vanity counters and similar location in marble/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	opening	18.60	6.00	Rupees Eighteen and Sixty Paise Only	111.60
35	11.36	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacture) of approved make in all colours, shades except begundy, bottle green,black of any size as approved by Engineer-in-charge in skirting, risers of steps and dados over 12mm thick bed of Cement Mortar 1:3 (1 Cement:3 Coarse sand ) and jointing with grey cement slurry @ 3.3kg per sqm including pointing in white cement mixed with pigment of matching shade complete.	sqm	844.00	193.68	Rupees Eight Hundred Forty Four Only	163465.92
36	11.37	Providing and laying Ceramic glazed floor tiles 300 x 300mm (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.	sqm	912.80	40.42	Rupees Nine Hundred Twelve and Eighty Paise Only	36896.11

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
37	11.41	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorptions less than 0.08% and conforming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc., complete.					
	11.41.2	Size of Tile 60 x 60 cm	sqm	1,575.40	507.49	Rupees One Thousand Five Hundred Seventy Five and Forty Paise Only	799504.53
38	11.46	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.					
	11.46.2	Size of Tile 600x600 mm	sqm	1,411.45	43.00	Rupees One Thousand Four Hundred Eleven and Forty Five Paise Only	60692.35
39	11.48	Kota stone slab flooring over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.					
	11.48.1	25mm thick	sqm	909.40	115.08	Rupees Nine Hundred Nine and Forty Paise Only	104649.39
40	11.49	Kota stone slabs 25mm thick <b>in risers of steps skirting Dado</b> & pillars laid on 12mm (average) thick cement mortar 1:3 (1 cement : 3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete.	sqm	1,133.10	67.27	Rupees One Thousand One Hundred Thirty Three and Ten Paise Only	76223.64
41	13.11	12mm cement plaster of mix:					
	13.11.4	1:6 (1 cement : 6 coarse sand)	sqm	79.10	1,542.74	Rupees Seventy Nine and Ten Paise Only	122030.73
42	13.13	20mm cement plaster of mix :					
	13.13.2	1:4 (1 cement : 4 coarse sand)	sqm	128.10	1,146.40	Rupees One Hundred Twenty Eight and Ten Paise Only	146853.84
43	13.24	6mm cement plaster to ceiling of mix:					
	13.24.2	1:4 (1 cement : 4 coarse sand)	sqm	68.20	695.00	Rupees Sixty Eight and Twenty Paise Only	47399.06
44	13.36	Extra for providing and mixing water proofing material in proportion recommended by the manufacturers:					
	13.36.6	20mm cement plaster 1:4(1 cement : 4 sand)	sqm	5.90	1,146.40	Rupees Five and Ninety Paise Only	6763.76

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
45	13.40A	Providing and applying plaster of paris putty of 2mm thickness over plastered surface to prepare the surface even and smooth complete.	sqm	69.60	2,237.74	Rupees Sixty Nine and Sixty Paise Only	155746.77
46	13.92	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade.					
	13.92.1	Two or more coat on new surface.	sqm	51.00	0.00	Rupees Fifty One Only	
47	13.94	Painting with sythetic enamel paint of approved brand and manufacture to give an even shade.					
	13.94.1	Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture.	sqm	64.80	112.95	Rupees Sixty Four and Eighty Paise Only	7319.16
48	13.77	Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade					
	13.77.2	New work (two or more coats) over and including priming coat with cement primer.	sqm	52.70	2,237.74	Rupees Fifty Two and Sevent Paise Only	117928.95
48	13.47 DSR	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade					
	13.47.1	New work (Two or more coats applied @ 1.43 ltr/ 10 sqm.over and including base coat of water proofing cement paint applied @ 2.20 kg/ 10 sqm).	sqm	90.00	1,146.40	Rupees Ninety Only	103176.00
50	10.21	Providing and fixing circular cast iron box for ceiling fan clamp 140mm internal dia, 73 mm height,,5 mm thick rim bottom and top lids, 1.5mm thick M.S sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron box by means of 3.3mm dia. round headed screws, one pcl at the corners. Clamp shall be made of 12mm dia M.S. bar bent to shape as per standard drawing	each	120.40	41.00	Rupees One Hundred Twenty and Forty Paise Only	4936.40
51	10.15	Providing and fixing pressed steel door confirming IS code 351 manufactured from commerical mild steel sheet of 1.25 mm thickness including hinges, jamb, lock jamb, bead and if requird angle threshold of mild steel angle of section 50x25 mm or base ties of 1.25mm pressed mild steel welded or rigidly fixed together by mechnical means, adjustable lugs with split end tail to each jamb including steel butt hinges 2.5 mm thick with mortar guards, lock strike plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge.					
	10.15.1	Profile B	m	347.30	285.19	Rupees Three Hundred Forty Seven and Thirty Paise Only	99048.01
52	10.33	Providing and fixing hand rail by welding etc. to steel ladder railings & staircases railing including applying a priming coat of approved steel primer					
	10.33.1	MS tube (medium) 40mm nominal bore	kg	81.60	1,251.51	Rupees Eighty One and Sixty Paise Only	102123.22
53	9.82	Providing and fixing M.S grills of required pattern in frames of windows etc. with M.S flats, square or round bars etc. all comlete.					
	9.82.1	Fixed to steel windows by welding	kg	83.90	2,485.56	Rupes Eighty Three and Ninety Paise Only	208538.48

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
54	22.20.1 DSR	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3mm thick water proofing membrane, black finished reinforced with non-woven polyester matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sqm. by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ltr and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under : Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D - 5147. The laying of membrane shall be got done through the authorised applicator of the manufacturer of m					
		3 mm thick	sqm	448.30	243.90	Rupees Four Hundred Forty Eight and Thirty Paise Only	109340.37
55	DSR 22.21	Extra for covering top of membrane with Geotextile, 120 gsm non woven, 100% polyester of thickness 1 to 1.25mm bonded to the membrane with intermittent touch by heating the membrane by Butane Torch as per manufactures recommendation[for Item No. 22.18 to 22.20]	sqm	64.55	243.90	Rupees Sixty Four and Fifty Five Paise Only	15743.75
56	23.3	Boring, Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in cement concrete piles with mix 1:134:3 (1 cement:1 1/2 coarse sand:3 graded stone aggregate 20 mm nominal size) to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc all complete.(Length of pile for payment shall be measured upto to the bottom of pile cap).					0.00
	23.3.1	300 mm dia piles	m	446.30	200.00	Rupees Four Hundred Forty Six and Thirty Paise Only	89260.00
	23.3.2	400 mm dia piles	m	846.10	200.00	Rupees Eight Hundred Forty Six and Ten Paise Only	169220.00
57	23.4	Extra over item no 23.3 for boring, providing and installing cast in situ double under reamed piles, instead of single under ream of specified diameter and length. (Only the quantity of extra bulbs are to be paid).	each	614.70	75.00	Rupees Six Hundred Fourteen and Seventy Paise Only	46102.50



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58	23.7	Vertical load testing of pile in accordance with IS 2911 (Part IV) including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification & the direction of Engineer in-charge.					
	23.7.1	Single pile					
	23.7.1.1	17246TU up to 50 tonne capacity pile cost per test	Per test	41,487.50	1.00	Rupees Forty One Thousand Four Hundred Eighty Seven and Fifty Paise Only	41487.50
<b>CARRIAGE OF MATERIALS</b>							
59	A	Chips (250 K.M. TO BE PAID ACTUAL)	cum	2,901.60	254.70	Rupees Two Thousand nine hundred one and sixty paise only.	739048.26
60	B	Coarse Sand,(DORIGANJ)(1+139 KM)	cum	1,702.88	251.15		427685.96
61	C	Bricks(8 Km.)	Per 1000	596.00	132.33	Rupees Five Hundred Ninety Six Only	78869.99
62	E	Local Sand.(3 Km)	cum	190.40	299.15	Rupees One Hundred Ninety and Forty Paise Only	56958.25
63	F	Cement 4 km	MT	190.60	160.44	Rupees One Hundred Ninety and Sixty Paise Only	30579.75
64	G	Steel 4 km	MT	190.60	37.08	Rupees One Hundred Ninety and Sixty Paise Only	7067.45
64		DIFFERENCE OF RATES					
	H	Bricks(based on division MUZ-GAYA)	Per 1000	269.85	132.33		35709.84
	I	Cement(MUZ-GAYA)	MT	912.54	160.44		146407.38
65	BSR-1.2	Providing and fixing G.I. pipes complete with G.I. fittings and clamps,including,cutting and making good the wall etc.(internal work).					
	1.2.1	Exposed on walls					
a	1.2.1.1	15 mm nominal outer dia .Pipes. (M)	metre	102.84	47	Rupees One Hundred Two and Eighty Four Paise Only	4833.48
b	1.2.1.2	20 mm nominal outer dia .Pipes.(M)	metre	126.94	18	Rupees One Hundred Twenty Six and Ninety Four Paise Only	2284.92
c	1.2.1.3	25 mm nominal outer dia .Pipes.(M)	metre	181.27	29	Rupees One Hundred Eighty One and Twenty Seven Paise Only	5256.83
d	1.2.1.4	32 mm nominal outer dia .Pipes.(M)	metre	228.53	12	Rupees Two Hundred Twenty Eight and Fifty Three Paise Only	2742.36
e	1.2.1.5	40 mm nominal outer dia .Pipes.(H)	metre	256.28	50	Rupees Two Hundred Fifty Six and Twenty Eight Paise Only	12814.00
f	1.2.1.6	50 mm nominal outer dia .Pipes.(H)	metre	364.28	5	Rupees Three Hundred Sixty Four and Twenty Eight Paise Only	1821.40
66	BSR-1.2.2	Concealed pipe including painting with anti crossive bitumastic paint,cutting chases and making good the wall.					

**BILL OF QUANTITY FOR THE CONSTRUCTION OF DPM OFFICE CUM RESIDENTIAL FLATS IN SHEOHAR DISTRICT (BIHAR)**

S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
a	1.2.2.1	15 mm dia nominal bore.	metre	144.44	47	Rupees One Hundred Fourty Four and Fourty Four Paisa Only	6788.68
b	1.2.2.2	20 mm dia nominal bore.	metre	154.15	18	Rupees One Hundred Fifty Four and Fifteen Paisa	2774.70
67	BSR-1.9	Providing and fixing brass gate valve with C.I. wheel of approved quality (screwed end).					
a	1.9.1	15 mm nominal bore	each	165.00	9	Rupees One Hundred Sixty Five Only	1485.00
b	1.9.3	25 mm nominal bore	each	210.96	9	Rupees Two Hundred Ten and Ninety Six Paisa Only	1898.64
c	1.9.5	40 mm nominal bore	each	359.20	3	Rupees Three Hundred Fifty Nine and Twenty Paisa Only	1077.60
d	1.9.6	50 mm nominal bore	each	533.96	1	Rupees Five Hundred Thirty Three and Ninety Six Paisa Only	533.96
68	BSR-1.89	Providing and placing on terrace(at all floor levels) polythylene water storage tank of approved brands and manufacture with cover and suitable locking arrangement and making necessaryholes for inlet,outlet and overflow pipes but without fittings and the base support for tank.	per litre	7.14	4,000	Rupees Seven and Fourteen Paisa Only	28560.00
69	BSR-1.90	Providing and fixing C.P. brass , bib cock of approved quality conforming to IS : 8931	each	204.71	13	Rupees Two Hundred Four and Seventy One Paisa	2661.23
	(a)	15 mm nominal bore					
70	BSR-1.92	Providing and fixing C.P. brass long body, bib cock of approved quality conforming to IS standard and weight not less than 690 grams.	each	537.32	6	Rupees Five Hundred Thirty Seven and Thirty Two Paisa Only	3223.92
	(a)	15 mm nominal bore					
71	BSR-1.94	Providing and fixing C.P brass angle valve for basin mixer and gyser point of approved quality conforming to IS : 8931	each	232.25	36	Rupees Two Hundred Thirty Two and Twenty Five Paisa Only	8361.00
	(a)	15 mm nominal bore					
72	BSR-2.29	Providing and fixing vitreous china predistal type water closet (European type W.C. pan) with seat and lid C.P.brass hinges and rubber buffers, 10 litre low level P.V.C. flushing cistern with fittings,C.I./M.S. brackets 40 mm diameter flush bend with fittings and clamps,overflow arrangement with speicals and mosquito proof coupling of aproved municipal design complete including painting of fittings and brackets,cutting and making good the wall and floors wherevere required.	each	2,292.70	12.00	Rupees Two Thousand Two Hundred Ninety Two and Seventy Paisa Only	27512.40
	2.2.2	W.C. pan with white solid plastic seat and lid.					
73	BSR-2.10A.	Kitchen sink with drain board					16325.28
	2.10A.1.1	510 x 1040 bowl depth 178 mm	each	2,720.88	6.00	Rupees Two Thousand Seven Hundred Twenty and Eighty Eight Paisa Only	
74	BSR-2.29	Providing and fixing white viterous china wash basin including making all connection but the cost of fittings.	each	545.72	12.00	Rupees Five Hundred Fourty Five and Seventy Two Only	6548.64
	2.29.2	Flat back wash basin of size 550 x 400 mm					
75	BSR- 2.38A	Providing and fixing stainless steel jail (grating) with or without hole for waste pipe for floor/nahani trap	each	23.14	12.00	Rupees Twenty Three and Fourteen Paisa Only	277.68
	2.38A.2	100 mm dia weight not less than 100 gms					
76	BSR-2.42.A	Providing and fixing mirror of require shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing.	each	343.66	12.00	Rupees Three Hundred Fourty Three and Sixty Six Paisa Only	4123.92

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
	2.42A.2	Rectangular shape 453 x 357 mm					
77	BSR-2.44	Providing and fixing towel rail complete with brackets fixed to wooden cleats with C.P. brass screws	each	190.28	12.00	Rupees One Hundred Ninety and Twenty Eight Paise Only	2283.36
	2.44.1.1	C.P. brass towel rail with two C.P. brass brackets					
	2.44.1.2	600 x 20 mm size					
78	BSR-2.45	Toilet paper holder	each	112.21	12.00	Rupees One Hundred Twelve and Twenty One Paise Only	1346.52
	2.45.1	C.P.brass					
79	DSR-17.7	Providing and fixing PTMT Bottle Trap for Wash basin and sink.	each	403.30	18.00	Rupees Four Hundred Three and Thirty Paise Only	7259.40
	17.70.1	Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260gms.					
80	DSR-17.71	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm 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.	each	180.10	12.00	Rupees One Hundred Eighty and Ten Paise Only	2161.20
81.00	DSR-17.72	Providing and fixing PTMT towel ring trapezoidal shape 215mm long, 200mm wide with a minimum distances of 37mm from wall face with concealed fittings arrangement of approved quality and colour. Weighing not less than 88 gms.	each	169.85	12.00	Rupees One Hundred Sixty Nine and Eighty Five Paise Only	2038.20
82	DSR-18.65	Providing and fixing PTMT soap Dish Holder having length of 138mm,breadth 102mm, height of 75mm with concealed fitting arrangements.weighing not less than 106 gms.	each	151.00	6.00	Rupees One Hundred Fifty One Only	906.00
83	12.78	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (10kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	metre	188.40	40.00	Rupees One Hundred Eighty Eight and Fourty Paise Only	7536.00
	12.78.2	110 mm dia pipe.					
84	12.78	Providing and fixing on wall face UV stabilized Unplasticised Rigid PVC pipes (single socketed) having 3.2mm wall thickness conforming to IS : 13592 (10kg/sqcm) including jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	metre	106.35	77.00	Rupees One Hundred Six and Thirty Five Paise Only	8188.95
	12.78.1	75 mm dia pipe.					
85	AR	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	each	154.00	0.00	Rupees One Hundred Fifty Four Only	
		Bend 45°					
86	12.79	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	each	151.25	9.00	Rupees One Hundred Fifty One and Twenty Five Paise Only	1361.25
	12.79.5.2	Plain bend(110 mm bend)					
87	AR	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion.	each	95.00	0.00	Rupees Ninety Five Only	
		Vent cover(110 mm)					

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
88	AR	Providing and fixing on wall face UV stabilized Unplasticised - PVC moulded fittings/ accessories having 3.2mm wall thickness for Rigid PVC pipes conforming to IS : 13592 (heavy) jointing with seal ring conforming to IS : 5382 leaving 10 mm gap for thermal expansion. Multi floor trap 110	each	282.00	18.00	Rupees two Hundred Eighty Two Only	5076.00
89	12.78	Providing and fixing on wall face unplasticised-PVC (working pressure 4 kgf per sqm) rain water pipes conforming to IS :4985 including jointing with seal ring conforming to IS: 5382 leaving 10 mm gap for thermal expansion. FOR RAIN WATER PIPES					
a	12.78.2	(i) 110mm dia.	metre	188.40	14.00	Rupees One Hundred Eighty Eight and Fourty Paise Only	2637.60
b	12.78.1	(i) 75mm dia.	metre	106.35	7.00	Rupees One Hundred Six and Thirty Five Paise Only	744.45
90	BSR-1.3	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.(External work).	metre	201.65	20.00	Rupees Two Hundred One and Sixty Five Paise Only	4033.00
	1.3.4	32 mm nominal outer dia .Pipes.					
91	BSR-1.9	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end):	each	288.62	1	Rupees Two Hundred Eighty Eight and Sixty Two Paise Only	288.62
	1.9.4	32mm nominal bore					
92	DSR-18.32	Constructing masonry Chamber 30x30x50 cm, inside with 75 class designation brick work in cement mortar 1:4 (1 cement :4 coarse sand) for stop cock, with C. I. surface box 100x100 x75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size ) necessary excavation foundation concrete 1:5:10 ( 1 cement :5 fine sand:10 graded stone aggregate 40mm nominal size ) and inside plastering with cement mortar 1:3 (1 cement :3 coarse sand) 12mm thick finished with a floating coat of neat cement complete as per standard design :	each	908.95	1.00	Rupees Nine Hundred Eight and Ninety Five Paise Only	908.95
	18.32.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5					
93	DSR-2.10	Excavating trenches of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, depth upto 1.5 m including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m :	metre	165.60	45	Rupees One Hundred Sixty Five and Sixty Paise Only	7452.00
	2.10.1	All kinds of soil					
	2.10.1.1	Pipes,cables ect.exceeding 80 mm dia,but not exceeding 300 mm dia.					
94	DSR-2.25	Filling available excavated earth (excluding rock) in trenches , plinth , side of foundation etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering , lead up to 50 m and lift up to 1.5 m.	cum	83.80	6	Rupees Eighty Three and Eighty Paise Only	502.80
	2.26.1	All kinds of soil.					
95	DSR-19.1	Providing, laying and jointing glazed stoneware pipes Class 'SP-1' with stiff mixture of cement mortar in the proportion of 1:1 (1 cement : 1 fine sand) including testing of joints etc. complete :	metre	323.05	45	Rupees Three Hundred Twenty Three and Five Paise only	14537.25
	19.1.3	200 mm diameter					

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
96	DSR-19.2	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) all-round S.W. pipes including bed concrete as per standard design:	metre	708.40	45	Rupees Seven Hundred Eighty and Forty Paise Only	31878.00
	19.2.3	200 mm diameter S.W. pipe					
97	DSR-19.3	Providing and laying cement concrete 1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 40 mm nominal size) up to haunches of S.W. pipes including bed concrete as per standard design :	metre	449.90	45	Rupees Four Hundred Forty Nine and Ninety Paise Only	20245.50
	19.3.3	200 mm diameter S.W. pipe					
98	DSR-19.4	Providing and fixing square-mouth S.W. gully trap Class 'SP-1' 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 :	each	1,278.30	5	Rupees One Thousand Two Hundred Seventy Eight and Thirty Paise Only	6391.50
	19.4.2	150 x 100 mm size P type.					
	19.4.2.1	With F.P.S. bricks class designation 75					
99	DSR-19.7	Constructing brick masonry manhole in cement mortar 1:4 ( 1 cement : 4 coarse sand ) R.C.C. top slab with 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm 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 :	each	7,132.00	9.00	Rupees Seven Thousand One Hundred Thirty Two Only	64188.00
	19.7.1	Inside size 90x80 cm and 45 cm deep including C.I. cover with frame (light duty) 455x610 mm internal dimensions total weight of cover and frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg) :					
	19.7.1.1	With F.P.S. bricks with class designation 75					
100	DSR-19.16	Providing orange colour safety foot rest of minimum 6 mm thick plastic encapsulated as per IS : 10910 on 12mm die steel bar conforming to IS : 1786 having minimum cross section as 23 mmx25mm and over all minimum length 263 mm and width as 165mm with minimum 112 mm space between protruded legs having 2 mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138 mm as per standard drawing and suitable to with stand the bend test and chemical resistance test as per specifications and having manufacture's permanent identification mark to be visible even after fixing, including fixing in manholes with 30x20x15 cm cement concrete block 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) complete as per design.	each	256.75	27	Rupees Two Hundred Fifty Six and Sevnety Five Paise Only	6932.25

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount	
101	DSR-24.1	Boring/drilling bore well of required dia for casing/strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, up to 90 metre depth below ground level.	Metre	358.90	90	Rupees Three Hundred Fifty Eighty and Ninety Paise Only	32301.00	
	24.1.1	All types of soil						0.00
	24.1.1.1	300 mm dia						
102	DSR-24.3	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.	Metre	539.15	90	Rupees Five Hundred Thirty Nine and Fifteen Paise Only	48523.50	
	24.3.2	150 mm nominal size dia						
103	DSR-24.8	Gravel packing in tubewell construction in accordance with IS: 4097, including providing gravel fine/ medium/ coarse, in required grading & sizes as per actual requirement, all complete as per direction of Engineer-in-charge.	cum	842.80	4	Rupees Eight Hundred Forty Two and Eighty Paise Only	3371.20	
104	DSR-24.9	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge.	Each	897.10	1	Rupees Eight Hundred Ninety Seven and Ten Paise Only	897.10	
105	DSR-24.10	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 mild steel screwed and socketed/ plain ended casing pipes of required dia, conforming to IS: 4270, of reputed & approved make, including painted with outside surface with two coats of anticorrosive paint of approved brand and manufacture, including required hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.	Metre	1,297.90	1	Rupees One Thousand Two Hundred Ninety Seven and Ninety Paise Only	1297.90	
	24.10.2	150 mm nominal size dia having minimum wall thickness 5.00 mm						
106	DSR-24.11	Supplying, assembling, lowering and fixing in vertical position in bore well, ERW (Electric Resistance Welded) FE 410 plain slotted (having slot of size 1.6/3.2 mm) mild steel threaded and socketed /plain bevel ended pipe (type A) of required dia, conforming to IS:8110, of reputed and approved make, having wall thickness not less than 5.40 mm, including painted with outside surface with two coats of anticorrosive bitumestic paint of approved brand and manufacture, including hire & labour charges, fittings & accessories, all complete, for all depths, as per direction of Engineer-in-charge.	Metre	1,373.40	1	Rupees One Thousand Three Hundred Seventy Three and Forty Paise Only	1373.40	
	24.11.2	150 mm nominal size dia						

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
107	DSR-24.12	Development of tube well in accordance with IS : 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge.	Hour	549.10	4	Rupees Five Hundred Forty Nine and Ten Paise Only	2196.40
108	DSR-24.13	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:	Each	182.95	1	Rupees One Hundred Eighty Two and Ninety Five Paise Only	182.95
	24.13.2	150 mm dia					
109	DSR-24.14	Providing and fixing M.S. clamp of required dia to the top of casing/ housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.	Each	1,033.10	1	Rupees One Thousand Thirty Three and Ten Paise Only	1033.10
	24.14.2	150 mm clamp					
110	DSR-24.15	Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I).	Each	206.10	1	Rupees Two Hundred Six and Ten Paise Only	206.10
	24.15.2	150 mm dia					
111	MR	Supply and fixing of 2 h.p.borewell submersible pump pump suitable for (with column pipe,starter,cable etc.)	Each	65,000.00	1	Rupees Sixty Five Thousand Only	65000.00
		Capacity 100 lpm					
		Head 35 m					
112	DSR-19.32	Making soak pit 2.5 m diameter 3.0 m deep with 45x45 cm dry brick honey comb shaft with brick of class designation 75 and S.W. drain pipe 100mm diameter 1.8 m long complete as per standard design.	Each	15,228.15	1	Rupees Fifteen Thousand Two Hundred Twenty Eight and Fifteen Paise Only	15228.15
	19.32.1	with F.P.S. brick					
113	BSR-1.1.3	Wiring for Light point/ Fan point/ Exhaust Fan point/ Call Bell point with 1.5 sq.mm FR PVC insulated Copper Conductor Cable in surface/ recessed PVC Conduit with modular type switch, modular plate, suitable size PVC/G.I. box etc. as required.(Group-C)	Point	469.00	155.0	Rupees Four Hundred Sixty Nine Only	72695.00
114	BSR-1.31	Supplying and fixing suitable size GI box with modular plate and cover including providing and fixing 3 pin 5/6 Amp modular type socket on switch/separate board (in surface / recessed PVC conduit wiring system) and 5/6 Amp modular type switch Earthing the 3rd pin, painting etc. as required.	Point	237.00	80.0	Rupees Two Hundred Thirty Seven Only	18960.00
115	BSR-1.32	Supplying and fixing suitable size GI box with modular plate and cover including providing and fixing 6 pin 20/16 Amp modular type socket on switch/separate board (in surface / recessed PVC conduit wiring system) and 20/16 Amp modular type switch ,connection, painting etc, painting etc. as required. <b>For Power Plug.</b>	Point	313.00	40.00	Rupees Three Hundred Thirteen Only	12520.00

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
116.0	BSR-1.5	Wiring for power plug point with 2 x 4 Sq.mm FR PVC insulated copper conductor single core Cable in recessed / surface PVC conduit along with 1 no. 4 sq. mm copper conductor wire for loop earthing as required.	Mtr	170.00	1200.00	Rupees One Hundred Seventy Only	204000.00
117	BSR-1.7.1	Wiring for light plug with 2 x 2.5 Sq.mm PVC insulated copper conductor single core cable in surface/recessed PVC conduit along with 1 No. 2.5 sq. mm copper conductor wire for loop earthing as required.	Mtr	97.00	600.00	Rupees Ninety Seven Only	58200.00
118	BSR-2.19	Supplying and fixing 20amp, 240V SPN industrial type socket with 2 pole and earth, metal enclosed plug top along with 20amps 'C' series, SP, MCB, in sheet steel enclosure, on surface / recess, with chained metal cover for the socket outlet and complete with connections, testing etc. as required.	Point	859.00	21.00	Rupees Eight Hundred Fifty Nine Only	18039.00
119	BSR-1.26	Supplying & fixing of Modular blanking plate on the existing modular plate and switch box excluding modular plate as required.	Each	29.00	RO	Rupees Twenty Nine Only	
120		Wiring for sub-main wiring with the following sizes PVC insulated copper conductor single core cable in surface / recessed PVC conduit as required.					
a)	BSR-1.7.1	2 x 1.5 + 1x 1.5 sq.mm	Mtr.	97.00	RO	Rupees Ninety Seven Only	
b)	BSR-1.7.2	2 x 2.5 + 1x 2.5 sq.mm	Mtr.	125.00	RO	Rupees One Hundred Twenty Five Only	
c)	BSR-1.7.4	2 x 6 + 1x 6 sq.mm	Mtr.	244.00	RO	Rupees Two Hundred Forty Four Only	
d)	BSR-1.7.11	4 x 6 + 1 x 6 sq.mm	Mtr.	387.00	200.00	Rupees Three Hundred Eighty Seven Only	77400.00
e)	BSR-1.7.12	4 x 10 + 1 x 10 sq.mm	Mtr.	592.00	75.00	Rupees Five Hundred Ninety Two Only	44400.00
f)	BSR-1.7.13	4 x 16 + 1 x 16 sq.mm	Mtr.	927.00	RO	Rupees Nine Hundred Twenty Seven Only	
121	BSR-1.16.2	Supplying & drawing Following pair 0.5 sq.mm. FR PVC insulated copper conductor unarmored telephone cable through existing surface / recessed PVC conduit including connections, testing etc. as reqd.					
a)	BSR-11.6.2	2 pair	Mtr.	20.00	RO	Rupees Twenty Only	
b)	BSR-1.16.3	4 pair	Mtr.	29.00	RO	Rupees Twenty Nine Only	
122	BSR-1.17	Supplying & Drawing Co axial T.V. Cable RG-6 grade copper cable PE insulated with PVC sheath in the existing surface / recessed PVC conduit as reqd.	Mtr.	29.00	300.00	Rupees Twenty Nine Only	8700.00
a)	BSR-1.21.2	25 mm dia	RM	52.00	650	Rupees Fifty Two Only	33800.00
b)	BSR-1.21.3	32mm dia	RM	73.00	150	Rupees Seventy Three Only	10950.00
c)	BSR-1.21.4	40mm dia	RM	98.00	RO	Rupees Ninety Eight Only	



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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
123		Supplying and fixing 2 pin Telephone modular socket & switch with modular plate, suitable size metal box and sheet cover including connection, testing, etc. as required.					
a)	BSR-1.22.1	75 mm.X 75 mm.X 50 mm. deep ( 4"X4")	Each	59.00	RO	Rupees Fifty Nine Only	
b)	BSR-1.24.6	Telephone socket with shtter outlet	Each	77.00	RO	Rupees Seventy Seven Only	
c)	BSR-1.24.7	T.V. antenna socket outlet	Each	77.00	RO	Rupees Seventy Seven Only	
124	BSR-2.8.4	Supplying & fixing 2 +12way single pole and neutral, sheet steel MCB distribution board 240 volts on surface recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic cover for the MCB knobs, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc. as required.(But witouth MCB/RCCB/Isolator).	Each	769.00	1.00	Rupees Seven Hundred Sixty Nine Only	769.00
125	BSR-2.9.1	Supplying & fixing 4 way (4 +12) three pole and neutral, sheet steel MCB distribution board 415 volts on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, hinged front acrylic cover for the MCB knobs, detachable gland plate, interconnections, phosphatised and powder painted earthing etc. as required.(without MCB's)	Each	1,395.00	7.00	Rupees One Thousand Three Hundred Ninety Five Only	9765.00
126	BSR-2.9.5	Providing and fixing 6 way(4+18), TP & N prewired, sheet steel, MCB DB,415 volts, on surface/ recess double door complete with loose wire box, terminal blocks, duly prewired with suitable size PVC insulated copper wire up to terminal blocks, tinned cooper busbar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc.as required. (But without MCB / RCCB Isolator) .	Each	2,529.00	2.00	Rupees Two Thousand Five Hundred Twenty Nine Only	5058.00
127	BSR-2.9.6	Providing and fixing 8 way(4+24), TP & N prewired, sheet steel, MCB DB,415 volts, on surface/ recess double door complete with loose wire box, terminal blocks, duly prewired with suitable size PVC insulated copper wire up to terminal blocks, tinned cooper busbar, neutral link, earth bar, din bar, detachable gland plate, interconnections, phosphatized and powder painted including earthing etc.as required. (But without MCB / RCCB Isolator) .	Each	3,078.00	RO	Rupees Three Thousand Seventy Eight Only	
128		Supplying & fixing of following rating and poles, B&C series miniature circuit breaker in the existing MCB DB Complete with connection testing and commissioning etc. as required.					
a)	BSR-2.11	6/32 A SP MCB 'B' series	Each	151.00	91.00	Rupees One Hundred Fifty One Only	13741.00
b)	BSR-2.12.1	6/32 A SPN MCB 'C' series	Each	156.00	29.00	Rupees One Hundred Fifty Six Only	4524.00

**BILL OF QUANTITY FOR THE CONSTRUCTION OF DPM OFFICE CUM RESIDENTIAL FLATS IN SHEOHAR  
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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
129	2.18	Supplying & fixing of following rating TPN ,415volt ,residual current circuit breaker (RCCB), Having a sensitivity current upto 300 milliampear in the exisiting MCB DB complete with connection, testing and commissioning etc. as required					
a)	BSR-2.18.2	40A	Each	2,311.00	7.00	Rupees Two Thousand Three Hundred Eleven Only	16177.00
b)	BSR-2.18.3	63A	Each	2,691.00	2.00	Rupees Two Thousand Six Hundred Ninety One Only	5382.00
130	BSR 2.17	Supplying & fixing of following rating double pole , (single phase and neutral), 240volts, residual current circuit breaker (RCCB), Having a sensitivity current upto 300 milliampear in the existing MCB DB complete with connection, testing and commissioning etc. as required					
a)	BSR-2.17.2	40A	Each	1,956.00	RO	Rupees One Thousand Nine Hundred Fifty Six Only	
b)	BSR-2.17.3	63A	Each	2,557.00	1.00	Rupees Two Thousand Five Hundred Fifty Seven Only	2557.00
131	AR	Supply & Installation of wall bracket light fixture with lamp, holder etc. complit with all fixing accessories etc. with all fixing accessories as required . (This Light have been Selected as per Architect/Consultant/Clint.	Each	583.00	RO	Rupees Five Hundred Eighty Three Only	
132	AR	Supplying & fixing of 1x11 W surface mounting ,compact florescent lamp light fixture with vacuun impregnted copper blast,stater,capacitor,fluoresent lamp,holder etc. with all fixing accessories as required of Bajaj Cate. Ref. BJC 111or approved equivalent.	Each	700.00	RO	Rupees Seven Hundred Only	
133	BSR-6.7+6.10.1	Supplying & fixing bulk head light fighting die cast aluminium alloy body with prismatic glass cover suitable for the GLS/CFL lamp, directly on wall/ceiling including connection etc. sa required.	Each	306.00	RO	Rupees Three Hundred Six Only	
134	BSR-6.8	Supplying, fitting & fixing HPSV Street light luminiare with single dia cast aluminium housing and UV stabilized acrylic cover, sutable for 250watt HPSV lamp complate with all accessories including 250watt lamp and conection etc. as required.	Each	4,490.00	RO	Rupees Four Thousand Four Hundred Ninety Only	
135		Supplying & fixing of following sises of ceiling fan single phase 230 volt,50hz AC Supply complete with ball bearing,motor,blades,downrod,canopy,capacitor as required of HAVELS -Velocity or approved equivalent.					
a)	AR	1200 mm sweep	Each	2,184.00	RO	Rupees Two Thousand One Hundred Eighty Four Only	

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
b)	AR	900mm sweep	Each	2,166.00	RO	Rupees Two Thousand One Hundred Sixty Six Only	
136		Supplying & fixing of following sizes of heavy duty exhaust fan single phase 230 volt,50hz AC Supply complete with motor,blades,freme, bracket, lover/shutter etc. as required of HAVELS -venti Air -DS or approved equivalent.					
a)	AR	300 mm dia. A.C. exhaust fan complete.	Each	1,715.00	RO	Rupees One Thousand Seven Hundred Fifteen Only	
137	BSR-1.40	Installation testing commissioning of pre-wired, fluorescent fitting of all types complete with all accessories and tube etc. directly on ceiling / wall including connections with 1.5 sq.mm. PVC insulated copper conductor, single core cable etc. as required.	Each	36.00	50.00	Rupees Thirty Six Only	1800.00
138	BSR-1.41	Installation, testing and commissioning of prewired fluorescent fitting of all type complete with all accessories and tube etc. including supplying and fixing ball and socket arrangement 2 nos. down rod of 20mm dia x 1.6mm thick steel conduit up to 30 cm length pointing and wiring 1.5 sq.mm PVC insulated Copper Conductor single core cable as required.	Each	169.00	RO	Rupees One Hundred Sixty Nine Only	
139	BSR-1.43&44	Installation, testing and commissioning of ceiling fan/wall bracket fan and regulator including wiring the down rod of standard length (30 cm) with 1.5 sq.mm PVC insulated copper conductor, single core cable etc. as required.	Each	77.00	RO	Rupees Seventy Seven Only	
140	BSR-1.47	Installation of exhaust fan upto 300/450mm sweep in the existing opening, including making the opening / hole to suit the size of the above fan, making good, the damages, connections, testing, commissioning etc. as required.	Each	192.00	18.00	Rupees One Hundred Ninety Two Only	3456.00
141	BSR-1.49	Extra for fixing the louver / shutters complete with frame for exhaust fan of all sizes.	Each	50.00	18.00	Rupees Fifty Only	900.00
142		Supply, laying, testing and commissioning of 1100 Volt grade XLPE insulated aluminium conductor armoured cables including the cost of providing required gap between adjacent cables (minimum one cable dia.) and including the cost of providing identification tags etc. complete as per specification, as required.					
a)	BSR-1.14.8	3.5C x 70 Sq.mm cable	RM	606.00	75	Rupees Six Hundred Six Only	45450.00
b)	BSR-1.14.7	3.5C x 50 Sq.mm cable	RM	463.00	RO	Rupees Four Hundred Sixty Three Only	
c)	BSR-1.4.3	4 Cx 16 Sq.mm cable	RM	235.00	RO	Rupees Two Hundred Thirty Five Only	
143		Supplying making end termination with brass compression gland and aluminum lugs for PVC insulated and PVC sheathed XLPE aluminum conducted cable 1.1 KV graded of following size as required.					

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
a)	DSR 4.1.23 +69%	3.5C x 70 Sq.mm cable	Nos.	283.92	2	Rupees Two Hundred Eighty Three and Ninety Two Paise Only	567.84
b)	DSR 4.1.22+69%	3.5C x 50Sq.mm cable	Nos.	248.81	RO	Rupees Two Hundred Forty Nine Only	
c)	DSR 4.1.33+69%	4 Cx 16 Sq.mm cable	Nos.	331.24	RO	Rupees Three Hundred Thirty One and Twenty Four Paise Only	
144		The cable quantities given are approximate and to cover various sizes. The contractor shall measure the cables required and procurement order shall be placed accordingly. The quantities shall be confirmed before start of work.					
		Single Compression glands to be used for internal area, while double compression cable glands to be used for outdoor installation.	RM	143.65	RO	Rupees One Hundred Forty Three and Sixty Five Paise Only	
	DSR .1.1 +69%	Laying of one number PVC insulated and PVC sheated/XLPE Power cable of 1.1 grade of size exceeding 25 sq.mm but in direct in ground including excavation ,sand cushioning,protection covering and refilling thetrench etc as required.					
145	DSR 1.2+69%	Laying of one number PVC insulated and PVC sheated/XLPE Power cable of 1.1 grade of size exceeding 120 sq.mm but in direct in ground including excavation ,sand cushioning,protection covering and refilling thetrench etc as required.	RM	153.79	75	Rupees One Hundred Fifty Three and Seventy Nine Only	11534.25
146	BSR-3.6	Supply and installation of following sizes of RCC hume pipes for road crossings, paved areas, laying of cable etc, including collars, and misc jointing accessories, digging the trench, back filling etc, making good the damages. Complete in all respect as required (Pipe to be laid 1200 mm below ground).					0.00
a)	BSR-3.6.1	100 mm dia	RM	171.40	80	Rupees One Hundred Seventy One and Forty Paise Only	13712.00
b)	BSR-3.6.3	150 mm dia	RM	196.40	RO	Rupees One Hundred Ninety Six and Forty Paise Only	
147	BSOR-2.20	Providing and fixing M.V. danger notice plate of 200 mm X 150mm, made of mild steel, at least 2mm thick, and vitreous enameled white on both sides, and with inscription in single red color on front side as required.	Each	73.00	1	Rupees Seventy Three Only	73.00
148	BSR-3.6	Earthing with GI earth plate 600mmx 600mm x 3mm thick including accessories and provides masonry enclosure with cover plate having locking arrangement and watering pipe etc. with Charcoal or coke and salt complete as required.	Set	2,255.00	2.00	Rupees Two Thousand Two Hundred Fifty Five Only	4510.00
149	BSR-3.7	Extra for using salt and charcoal for GI or plate earth electrode as required.	Set	1,328.00	2.00	Rupees One Thousand Three Hundred Twenty Eight Only	2656.00

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S. No.	Item No.	Description	Unit	Unit Rate (in Rs)	Quantity	Rate in Words	Amount
150	BSR-3.16	Providing and laying earth connections from earth electrode with 4mm dia. copper wire in 15mm dia G.I pipe from earth electrode as required.	Mtr.	172.00	50.00	Rupees One Hundred Seventy Only	8600.00
151	BSR-3.18	Providing and fixing 25mm x 5mm GI Earth strip on surface or in recess for connection etc. as required.	Mtr.	75.00	50.00	Rupees Seventy Five Only	3750.00
152	BSR-3.18	Providing and fixing 6 SWG dia G.I. wire on surface or in recess for loop earthing along with existing surface/ recessed conduit/submain wiring/cable as required	Mtr.	34.00	600.00	Rupees Thirty Four Only	20400.00

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