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Percentage BoQ

Tender Inviting Authority: Engineering Projects (India) Ltd., Eastern Regional Office, Kolkata.

Name of Work:Balance Construction Work of Residential & Non-Residential Buildings including Allied Services for Township package for Kanti Bijlee Utpadan Nigam Limited at Muzaffarpur in the state of Bihar - SH: Construction of Block- C-2, Single type field hostel building, Sewer Network and External water supply,

Contract No: EPI/ER/CON/788/1368 dated: 15.05.2025

Name of the Bidder/ Bidding Firm / Company :						
PRICE SCHEDULE (This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
Sl. No.	Item Description	Quantity	Units	Estimated Cost (With out GST) in Rs. P	TOTAL AMOUNT Without GST in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	7
1.1	Tender for Balance Construction Work of Residential & Non Residential Buildings (1 No. C-Type Quarter (C2), Balance Single Building, External water supply work & Sewer network work) including Allied Services for Township package for NTPC at Muzaffarpur in the state of Bihar.	1	Nos.	72879006.00	₹ 7,28,79,006.00	INR Seven Crore Twenty Eight Lakh Seventy Nine Thousand &Six Only
Total in Figures					₹ 7,28,79,006.00	INR Seven Crore Twenty Eight Lakh Seventy Nine Thousand &Six Only
Quoted Rate in Figures			Select		₹ -	INR Zero Only
Quoted Rate in Words		INR Zero Only				

SUMMARY OF COST

Tender for Balance Construction Work of Residential & Non-Residential Buildings including Allied Services for Township package for Kanti Bijlee Utpadan Nigam Limited at Muzaffarpur in the state of Bihar - SH: Construction of Block- C-2, Single type field hostel building, Sewer Network and External water supply

NIT No.EPI/ER/CON/788/1368 Dated 15.05.2025

Schedule	Particular	Amount (in Rs)
Abstract of Cost for 1 C Type Quarter		
Schedule-I	Civil Works, Section A - DSR Items	Rs. 2,72,44,081.78
Schedule-I	Civil Works, Section B - Non Schedule Items	Rs. 3,79,06,685.38
Schedule-II	Internal Electrification Works, Section-A:DSR Items	Rs. 53,35,623.13
Schedule-II	Internal Electrification Works, Section B: Non Scheduled items	Rs. 16,81,562.01
SCHEDULE IV	EXTERNAL WATER SUPPLY NETWORK PART- A : VALVES	Rs. 1,07,668.45
SCHEDULE IV	EXTERNAL WATER SUPPLY NETWORK PART- B : PIPES & FITTINGS	Rs. 3,46,861.85
SCHEDULE IV	EXTERNAL WATER SUPPLY NETWORK Part C - Sewage Pumps	Rs. 2,56,523.10
	Total amount Inclusive of all taxes ,duty,Royalty Cess etc as applicable excluding GST. GST will be paid extra as per Norms.)	Rs. 7,28,79,006

Abstract of Cost

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
Schedule-I: Civil Works, Section A - DSR Items						
		DSR ITEMS				
	1.1	Carriage of material by mechanical transport including loading, unloading and stacking				
1	1.1.2(i)	Earth, Lead upto 1 Km.	Cum	150.00	106.19	Rs. 15,928.50
2	1.1.2(ii)	Earth, Lead upto 2 Km.	Cum	150.00	120.41	Rs. 18,061.50
		EARTH WORK		-		Rs. -
	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.		-		Rs. -
	2.10.1	All kinds of soil		-		Rs. -
3	2.10.1.2	Pipes, cables etc. exceeding 80 mm dia but not exceeding 300 mm dia	Meter	2,050.00	243.46	Rs. 4,99,093.00
4	2.11	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 1.5m, but not exceeding 3m. (Rate is over corresponding basic item for depth upto 1.5m)	Meter	525.00	309.20	Rs. 1,62,330.00
5	2.12	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 3m, in depth, but not exceeding 4.5m. (Rate is over corresponding basic item for depth upto 1.5m).	Meter	225.00	766.90	Rs. 1,72,552.50
	2.26	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials.		-		Rs. -
6	2.26.1	All kinds of soils	Cum	40.00	55.89	Rs. 2,235.60
	2.34	Supplying chemical emulsion in sealed containers including delivery as specified.		-		Rs. -
7	2.34.1	Chlorpyrifos/Lindane emulsifiable concentrate of 20%	Litre	-	200.80	Rs. -
		CONCRETE WORK		-		Rs. -
	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for :		-		Rs. -
8	4.3.1	Foundations, footings, bases for columns	Sqm	70.00	209.45	Rs. 14,661.50
9	4.10	Providing and laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size).	Sqm	12.50	284.13	Rs. 3,551.63
10	4.12	Extra for providing and mixing water proofing material in cement concrete work in doses by weight of cement as per manufacturer's specification.	per 50Kg cement	550.00	51.78	Rs. 28,479.00
11	4.13	Providing & Applying a coat of residual petroleum bitumen of grade of VG-10 of approved quality using 1.7kg per square metre on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sqm	12.50	99.24	Rs. 1,240.50
13	4.17	Making plinth protection 50 mm thick of cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) over 75 mm bed of dry brick ballast 40 mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	Sqm	249.97	486.32	Rs. 1,21,562.98
		REINFORCED CEMENT CONCRETE WORK		-		Rs. -
	5.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :		-		Rs. -
14	5.2.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum	20.21	7,716.67	Rs. 1,55,964.22
	5.9	Centring and shuttering including strutting, propping etc. and removal of forms for:		-		Rs. -
15	5.9.1	Foundations, footings, bases of columns etc. for mass concrete.	Sqm	50.00	209.45	Rs. 10,472.50
16	5.9.2	Walls (any thickness) including attached pilasters, butteresses, plinth and string courses etc	Sqm	244.44	408.85	Rs. 99,939.29
17	5.9.3	Suspended floors, roofs, landings, balconies and access platform.	Sqm	980.54	456.04	Rs. 4,47,165.46
18	5.9.4	Shelves (cast in situ)	Sqm	115.78	456.04	Rs. 52,798.49
19	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers.	Sqm	841.65	370.29	Rs. 3,11,653.47
20	5.9.6	Columns, pillars, piers, abutments, posts and struts.	Sqm	752.88	505.23	Rs. 3,80,377.56
21	5.9.7	Stairs, (excluding landings) except spiral-staircases	Sqm	58.22	452.85	Rs. 26,363.00
22	5.9.13	Vertical and horizontal fins individually or forming box louvers band, fascias and eaves boards.	Sqm	20.00	678.01	Rs. 13,560.20
23	5.9.14	Extra for shuttering in circular work (20% of respective centering and shuttering items)	Sqm	20.00	135.60	Rs. 2,712.00

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
24	5.9.15	Small lintels not exceeding 1.5m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like.	Sqm	517.70	209.45	Rs. 1,08,432.60
	5.9.16	Edges of slabs and breaks in floors and walls		-		Rs. -
25	5.9.16.1	Under 20 cm wide	Metre	190.08	131.96	Rs. 25,082.96
26	5.9.19	Weather shade, Chajjas, corbels etc., including edges.	Sqm	170.82	563.43	Rs. 96,245.11
	5.11	Extra for additional height in centering, shuttering where ever required with adequate bracing, propping etc. including cost of deshuttering and decentering at all levels, over a height of 3.5 m, for every additional height of 1 metre or part thereof (Plan area to be		-		Rs. -
27	5.11.1	mSuesapseunredde)d floors, roofs, landing, beams and balconies (Plan area to be measured).	Sqm	43.06	185.20	Rs. 7,974.71
	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.		-		Rs. -
28	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kilogram	69,200.00	61.12	Rs. 42,29,504.00
29	5.30	Add for plaster drip course/groove in plastered surface or moulding to RCC projection.	Metre	400.00	36.88	Rs. 14,752.00
30	5.35	Add for using extra cement in the items of design mix over and above the specified cement content therein.	Quintal	334.36	726.49	Rs. 2,42,912.15
		BRICK WORK		-		Rs. -
36	6.44	Brick edging 7cm wide 11.4cm. deep to plinth protection with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 including grouting with cement mortar 1:4 (1 cement : 4 fine sand).	Meter	293.24	42.34	Rs. 12,415.78
		MARBLE & GRANITE WORK		-		Rs. -
	8.2	Providing and fixing 18 mm thick gang saw cut mirror polished premoulded and prepolished) machine cut for kitchen platforms, vanity counters window sills, 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 moulding and polishing to edge to give high gloss finish etc. complete at all levels.		-		Rs. -
	8.2.2	Granite of any colour and shade		-		Rs. -
37	8.2.2.1	Area of slab upto 0.50 sqm	Sqm	34.30	3,619.74	Rs. 1,24,157.08
38	8.2.2.2	Area of slab over 0.50 sqm	Sqm	45.00	3,362.03	Rs. 1,51,291.35
	8.3	Extra for providing edge moulding to 18mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.		-		Rs. -
39	8.3.2	Granite work	Metre	127.20	265.32	Rs. 33,748.70
	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 adhesive including cleaning etc. complete.	Metre	127.20	287.54	Rs. 36,575.09
40	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/Granite/stone work including necessary holes for pillar taps etc. including rubbing and polishing of cut edges etc. complete.	Each	60.00	462.15	Rs. 27,729.00
41	8.6	Mirror polishing on marble work/Granite work/stone work where ever required to give high gloss finish complete.	Sqm	79.30	249.98	Rs. 19,823.41
		WOOD & PVC WORK		-		Rs. -
42	9.12	Extra for providing frosted glass panes 4mm thick instead of ordinary glass panes 4 mm thick in doors, windows and clerestory window shutters. (Area of opening for glass panes excluding portion inside rebate shall be measured).	Sqm	78.08	80.28	Rs. 6,268.26

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	9.15	Deduct for not providing hinges in doors, windows or clerestory window shutters with :		-		Rs. -
	9.15.1	Stainless steel butt hinges with stainless steel screws :		-		Rs. -
43	9.15.1.1	For 2nd class teak wood and other class of wood shutters	Sqm	201.60	-162.27	Rs. -32,713.63
	9.21	Providing and fixing ISI marked flush door shutters conforming to IS:2202 (Part 1) 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.		-		Rs. -
44	9.21.1	35mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	395.64	1,684.37	Rs. 6,66,404.15
45	9.21.2	30mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	113.40	1,684.37	Rs. 1,91,007.56
46	9.23	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured) Note: To be executed over item No. 9.20 & 9.21	Sqm	509.04	395.07	Rs. 2,01,106.43
	9.48	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.		-		Rs. -
47	9.48.2	Fixed to openings /wooden frames with rawl plugs screws etc.	Kg	7,256.09	121.43	Rs. 8,81,107.47
	9.59	Providing and fixing ISI marked oxidised M.S. single acting spring hinges with necessary screws etc. complete		-		Rs. -
48	9.59.1	150mm	Each	576.00	215.58	Rs. 1,24,174.08
49	9.69	Providing and fixing oxidised M.S. Safety chain with necessary fixtures for doors. (Weighting not less than 450 gms.)	Each	24.00	83.86	Rs. 2,012.64
50	9.102	Providing and fixing aluminium casement stays, ISI marked, 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.	Each	48.00	53.47	Rs. 2,566.56
51	9.103	Providing and fixing bright finished brass 100 mm mortice latch and lock ISI marked with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc., complete.	Each	36.00	671.86	Rs. 24,186.96
52	9.125	Providing and fixing PVC rigid foam sheet 1 mm thick on existing door shutters (bathroom and W.C. doors) using synthetic rubber based adhesive.	Sqm	75.60	914.02	Rs. 69,099.91
	9.127	Providing & fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt / suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS:2046 Type S including cost of adhesive of approved quality		-		Rs. -
53	9.127.2	1.0 mm thick.	Sqm	981.08	559.38	Rs. 5,48,796.53
	9.134	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws:		-		Rs. -
	9.134.1	35 mm thick shutters.		-		Rs. -
	9.134.1.2	With ISI marked stainless steel butt hinges of required size		-		Rs. -
54	9.134.1.2.1	Second class teak wood	Sqm	180.80	3,602.52	Rs. 6,51,335.62
		STRUCTURAL STEEL WORK		-		Rs. -
55	10.1	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	400.00	63.12	Rs. 25,248.00
56	10.2	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	4.00	72.99	Rs. 291.96
	10.5	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer		-		Rs. -
57	10.5.2	Using flats 30x6mm for diagonal braces and central cross piece.	Sqm	4.20	2,982.55	Rs. 12,526.71

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	10.6	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.		-		Rs. -
58	10.6.1	80 x 1.25 mm M.S. laths with 1.25 mm thick top cover	Sqm.	2.00	2,501.14	Rs. 5,002.28
59	10.7	Providing and fixing ball bearing for rolling shutters	Each	2.00	409.59	Rs. 819.18
60	10.17	Providing and fixing M.S. fan clamp type I or II of 16 mm dia M.S. bar bent to shape with hooked ends in R.C.C. slabs, beams during laying including painting the exposed portion of loop, all as per standard design complete	Each	130.00	121.11	Rs. 15,744.30
61	10.18	Providing and fixing circular / Hexagonal cast iron or M.S. sheet box for ceiling fan clamp of internal dia 140 mm, 73 mm height, top lid of 1.5 mm thick M.S. sheet with its top surface hacked for proper bonding, top lid shall be screwed into the cast iron / M.S. sheet box by means of 3.3 mm dia round headed screws, one lock at the comers. Clamp shall be made of 12 mm dia M.S. bar bent to shape as per standard drawing.	Each	130.00	140.49	Rs. 18,263.70
	10.25	Steel work welded in built up sections/ framed work including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.		-		Rs. -
62	10.25.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg	9,233.58	92.81	Rs. 8,56,968.77
	10.26	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying a priming coat of approved steel primer.		-		Rs. -
63	10.26.1	M.S.Tube	Kg	215.12	99.35	Rs. 21,371.91
	10.27	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/sq mm), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame, concrete/ masonry, etc. as per direction of Engineer-in-charge.		-		Rs. -
64	10.27.3	10x120 mm	Each	100.00	99.14	Rs. 9,914.00
65	10.27.5	10 x160 mm	Each	100.00	135.69	Rs. 13,569.00
		FLOORING		-		Rs. -
	11.3	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete.		-		Rs. -
66	11.3.1	40 mm thick with 20 mm nominal size stone aggregate	Sqm	48.00	391.56	Rs. 18,794.88
67	11.4	52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacturer's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	Sqm	48.00	599.61	Rs. 28,781.28
	11.6	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat		-		Rs. -
68	11.6.1	18mm thick	Sqm	10.00	378.01	Rs. 3,780.10
69	11.8	Extra for making chequers of approved pattern on cement concrete floors, steps, landing, pavements etc.	Sqm	48.00	39.80	Rs. 1,910.40
	11.21	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding, and joints filled with acid and/or alkali resisting cement as per IS:4457, complete as per the direction of Engineer-in- Charge.		-		Rs. -
	11.21.1	In flooring on a bed of 10mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand)		-		Rs. -
70	11.21.1.1	Acid and alkali resistant tile	Sqm	-	1,159.10	Rs. -
71	11.21.2.1	In dado/skirting on a bed of 12mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) Acid and alkali resistant tile	Sqm	-	1,234.95	Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	11.23	Marble stone flooring with 18 mm thick marble stone (sample of marble shall be approved by Engineer-in-Charge) over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing complete with:		-		Rs. -
72	11.23.5	Udaipur green marble	Sqm	213.57	1,716.37	Rs. 3,66,568.57
73	11.24	Extra for pre finished nosing to treads of steps of marble stone	Meter	212.21	330.72	Rs. 70,182.09
	11.26	Kota stone slab flooring over 20 mm (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 with base of 1:4 (1 cement : 4 coarse sand):		-		Rs. -
74	11.26.1	25 mm thick	Sqm	10.00	1,250.63	Rs. 12,506.30
75	11.27	Kota stone slabs 20mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (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 slabs, including rubbing and polishing complete.	Sqm	2.00	1,337.12	Rs. 2,674.24
76	11.31	Extra for prefinished nosing in treads of steps of kota stone/sand stone slab.	Metre	5.00	91.64	Rs. 458.20
		ROOFING		-		Rs. -
	12.21	Providing gola 75 x 75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10 mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design.		-		Rs. -
77	12.21.1	In 75 x 75 mm deep chase	Meter	294.52	165.21	Rs. 48,657.65
78	12.22	Making khurras 45 x 45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over PVC sheet 1 m x 1 m x 400 micron, finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement rounding the edges and making and finishing the outlet complete.	Each	20.00	202.59	Rs. 4,051.80
	12.41	Providing and fixing on wall face unplasticised - Rigid PVC rain water pipes conforming to IS:13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion (I) Single socketed pipes		-		Rs. -
79	12.41.1	75 mm diameter	Metre	30.00	160.63	Rs. 4,818.90
80	12.41.2	110 mm diameter	Metre	259.20	255.23	Rs. 66,155.62
	12.42	Providing and fixing on wall face unplasticised - PVC moulded fittings / accessories for unplasticised - Rigid PVC rain water pipes conforming to IS: 13592 Type A including jointing with seal ring conforming to IS:5382 leaving 10mm gap for thermal expansion.		-		Rs. -
	12.42.1	Coupler		-		Rs. -
81	12.42.1.1	75 mm	Each	12.00	70.14	Rs. 841.68
82	12.42.1.2	110mm	Each	134.00	110.86	Rs. 14,855.24
	12.42.2	Single Pushfit Coupler		-		Rs. -
83	12.42.2.2	110mm	Each	32.00	102.10	Rs. 3,267.20
	12.42.3	Single tee with door		-		Rs. -
84	12.42.3.2	110x110x110mm	Each	32.00	196.05	Rs. 6,273.60
	12.42.4	Single tee without door		-		Rs. -
85	12.42.4.1	75x75x75mm	Each	12.00	113.66	Rs. 1,363.92
86	12.42.4.2	110x110x110mm	Each	32.00	181.00	Rs. 5,792.00
	12.42.5	Bend 87.5 deg.		-		Rs. -
87	12.42.5.1	75 mm bend	Each	48.00	82.66	Rs. 3,967.68
88	12.42.5.2	110 mm bend	Each	32.00	122.13	Rs. 3,908.16
	12.42.6	Shoe (Plain)		-		Rs. -
89	12.42.6.1	75 mm shoe	Each	48.00	71.37	Rs. 3,425.76
90	12.42.6.2	110 mm shoe	Each	32.00	105.84	Rs. 3,386.88
	12.43	Providing and fixing unplasticised - PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50mm hard wood plugs, screwed with M.S. 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.		-		Rs. -
91	12.43.1	75mm	Each	32.00	197.13	Rs. 6,308.16
92	12.43.2	110mm	Each	64.00	195.89	Rs. 12,536.96

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
93	12.44	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 gram	Each	32.00	44.17	Rs. 1,413.44
	12.45	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the rate of 1200 mm centre to centre to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm		-		Rs. -
		high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound, jointing tapes, finishing with jointing compound in 3 layers covering upto 150 mm or both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :		-		Rs. -
	12.45.1	12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I.	Sqm	10.00	870.61	Rs. 8,706.10
	12.52	Providing and fixing tiled false ceiling of approved materials of size 595x595 mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gsm/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet, spaced at 1200mm center to center and cross "T" of size 24x25mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600mm and size 24x25mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, wherever, required, cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 x mm fixed to ceiling with 12.5 mm		-		Rs. -
		dia and 50 mm long dash fasteners, 4mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24 mm of all T-sections shall be pre-painted with polyester paint, all complete at all heights as per specifications drawings and as directed by Engineer-in-charge.		-		Rs. -
94	12.52.1	GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	188.12	1,125.20	Rs. 2,11,673.92
		FINISHING		-		Rs. -
	13.1	12mm cement plaster of mix:		-		Rs. -
95	13.1.2	1:6 (1 cement : 6 fine sand)	Sqm	100.00	173.16	Rs. 17,316.00
	13.2	15 mm cement plaster on rough side of single or half brick wall of mix:		-		Rs. -
96	13.2.2	1:6 (1 cement : 6 fine sand)	Sqm	100.00	199.99	Rs. 19,999.00

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
97	13.21	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers.	Per bag of 50 kg cement used in the mix	100.00	54.39	Rs. 5,439.00
98	13.22	Extra for plastering exterior walls of height more than 10 m from ground level for every additional height of 3 m or part thereof.	Sqm	89.30	43.90	Rs. 3,920.31
	13.41	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade :		-		Rs. -
99	13.41.1	New work (two or more coats) over and including water thinnable priming coat with cement primer	Sqm	100.00	101.18	Rs. 10,118.00
	13.43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface		-		Rs. -
100	13.43.1	Water thinnable Cement Primer	Sqm	11,610.80	39.90	Rs. 4,63,270.92
	13.44	Finishing walls with water proofing cement paint of required shade:		-		Rs. -
101	13.44.1	New work (two or more coats applied @ 3.84 kg/10 sqm)	Sqm	300.00	63.51	Rs. 19,053.00
	13.47	Finishing walls with Premium Acrylic Smooth exterior paint with Silicon additives of required shade		-		Rs. -
102	13.47.1	New work (two or more coats applied @ 1.43 ltr./10 sqm over and including priming coat of exterior primer applied @ 2.20 kg./10 sqm.)	Sqm	4,868.27	104.53	Rs. 5,08,880.05
	13.50	Applying priming coat		-		Rs. -
103	13.50.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood).	Sqm	117.12	37.75	Rs. 4,421.28
104	13.50.3	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/ steel works	Sqm	539.18	31.42	Rs. 16,941.00
	13.61	Painting with synthetic enamel of approved brand and manufacture of required shade to give an even shade:		-		Rs. -
105	13.61.1	Two or more coats on new work	Sqm	539.18	84.65	Rs. 45,641.50
	13.68	French spirit polishing :		-		Rs. -
106	13.68.1	Two or more coats on new works including a coat of wood filler.	Sqm	408.56	226.51	Rs. 92,542.93
107	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	Sqm	10,610.80	94.34	Rs. 10,01,022.87
	13.81	Distempering with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.		-		Rs. -
108	13.81.2	Two coats	Sqm	7,922.09	53.62	Rs. 4,24,782.47
	13.82	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.		-		Rs. -
109	13.82.2	Two coats	Sqm	5,688.71	79.81	Rs. 4,54,015.95

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
		SANITARY FITTINGS		-		Rs. -
	17.7	Providing and fixing wash basin with C.I. brackets, 15mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required		-		Rs. -
121	17.7.4	White vitreous China Wash basin size 550 x 400 mm with a single 15 mm C.P. brass pillar tap	Each	3.00	1,962.54	Rs. 5,887.62
	17.10	Providing and fixing Salem stainless steel A.I.S.I. 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm including painting of fittings and brackets, cutting and making good the walls wherever required:		-		Rs. -
	17.10.1	Kitchen sink with drain board		-		Rs. -
122	17.10.1.1	510x1040mm bowl depth 250mm	Each	60.00	4,450.01	Rs. 2,67,000.60
	17.10.2	Kitchen sink without drain board		-		Rs. -
123	17.10.2.2	610x460mm bowl depth 200mm	Each	60.00	2,360.90	Rs. 1,41,654.00
	17.28	Providing and fixing PVC waste pipe for sink or wash basin including PVC waste fittings complete		-		Rs. -
	17.28.2	Flexible pipe		-		Rs. -
124	17.28.2.1	32 mm dia	Each	132.00	81.64	Rs. 10,776.48
125	17.31	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete	Each	72.00	883.31	Rs. 63,598.32
126	17.33	Providing and fixing 600x120x5 mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40 mm long screws, rawl plugs etc., complete.	Each	72.00	619.11	Rs. 44,575.92
	17.34	Providing and fixing toilet paper holder:		-		Rs. -
127	17.34.1	C.P.brass	Each	72.00	416.13	Rs. 29,961.36
	17.70	Providing and fixing PTMT Bottle Trap for Wash basin and sink.		-		Rs. -
128	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 260 gms.	Each	72.00	317.43	Rs. 22,854.96
129	17.71	Providing and fixing PTMT liquid soap container 109mm wide, 125mm 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.	Each	3.00	148.87	Rs. 446.61
130	17.72	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms.	Each	3.00	213.35	Rs. 640.05
131	17.80	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge.	Each	3.00	5,574.61	Rs. 16,723.83
		WATER SUPPLY		-		Rs. -
	18.7	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall		-		Rs. -
132	18.7.2	20 mm nominal outer dia.Pipes.	Metre	40.00	194.34	Rs. 7,773.60
133	18.7.3	25 mm nominal outer dia .Pipes.	Metre	40.00	233.46	Rs. 9,338.40
134	18.7.4	32 mm nominal outer dia.Pipes.	Metre	40.00	312.15	Rs. 12,486.00
135	18.7.5	40 mm nominal outer dia.Pipes.	Metre	40.00	416.32	Rs. 16,652.80
136	18.7.6	50 mm nominal outer dia.Pipes.	Metre	20.00	592.35	Rs. 11,847.00
	18.8	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m 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 testing of joints complete as per direction of Engineer in Charge. : Concealed work, including cutting chases and making good the walls etc.		-		Rs. -
137	18.8.1	15 mm nominal outer dia .Pipes.	Metre	216.00	265.87	Rs. 57,427.92
138	18.8.2	20 mm nominal outer dia .Pipes.	Metre	324.00	307.62	Rs. 99,668.88
139	18.8.3	25 mm nominal outer dia .Pipes.	Metre	192.92	360.26	Rs. 69,501.36
140	18.8.4	32 mm nominal outer dia Pipes	Metre	72.00	445.89	Rs. 32,104.08

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	18.9	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge : External work		-		Rs. -
141	18.9.4	32 mm nominal outer dia. Pipes.	Metre	36.30	270.58	Rs. 9,822.05
142	18.9.5	40 mm nominal outer dia. Pipes.	Metre	56.10	346.81	Rs. 19,456.04
143	18.9.6	50 mm nominal outer dia. Pipes.	Metre	115.76	522.94	Rs. 60,535.53
144	18.9.8	75 mm nominal outer dia. Pipes.	Metre	56.10	1,296.99	Rs. 72,761.14
	18.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete		-		Rs. -
145	18.13.1	25 to 40 mm nominal bore	Each	4.00	425.63	Rs. 1,702.52
146	18.13.2	50 to 80 mm nominal bore	Each	4.00	832.81	Rs. 3,331.24
	18.16	Providing and fixing brass stop cock of approved quality:		-		Rs. -
147	18.16.2	20 mm nominal bore	Each	72.00	302.80	Rs. 21,801.60
	18.17	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)		-		Rs. -
148	18.17.1	25 mm nominal bore	Each	18.00	462.40	Rs. 8,323.20
149	18.17.2	32 mm nominal bore	Each	9.00	540.75	Rs. 4,866.75
150	18.17.3	40 mm nominal bore	Each	9.00	631.42	Rs. 5,682.78
151	18.17.4	50 mm nominal bore	Each	16.00	809.80	Rs. 12,956.80
152	18.17.6	80 mm nominal bore	Each	12.00	2,072.83	Rs. 24,873.96
	18.18	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete:		-		Rs. -
153	18.18.1	15 mm nominal bore	Each	4.00	310.20	Rs. 1,240.80
154	18.18.2	20 mm nominal bore	Each	4.00	353.19	Rs. 1,412.76
155	18.18.3	25 mm nominal bore	Each	8.00	358.47	Rs. 2,867.76
	18.20	Providing and fixing brass ferrule with C.I. mouth cover including boring and tapping the main :		-		Rs. -
156	18.20.2	20 mm nominal bore	Each	4.00	303.08	Rs. 1,212.32
157	18.20.3	25 mm nominal bore	Each	4.00	392.76	Rs. 1,571.04
	18.21	Providing and fixing unplasticised PVC connection pipe with brass unions:		-		Rs. -
	18.21.1	30 cm length		-		Rs. -
158	18.21.1.1	15 mm nominal bore	Each	72.00	64.14	Rs. 4,618.08
	18.21.2	45 cm length		-		Rs. -
159	18.21.2.1	15 mm nominal bore	Each	72.00	73.21	Rs. 5,271.12
	18.27	Providing and laying S&S centrifugally cast (spun) iron pipes (Class LA) conforming to IS - 1536 :		-		Rs. -
160	18.27.3	150 mm dia. pipe	Meter	440.00	1,751.16	Rs. 7,70,510.40
161	18.27.4	200 mm dia. pipe	Meter	220.00	2,970.30	Rs. 6,53,466.00
	18.32	Constructing masonry Chamber 30x30x50 cm inside, in 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), i/c 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 :		-		Rs. -
162	18.32.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5	Each	21.00	1,290.84	Rs. 27,107.64
	18.33	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :		-		Rs. -
163	18.33.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	Each	21.00	7,396.82	Rs. 1,55,333.22

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	18.34	Constructing masonry Chamber 90x90x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size), i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :		-		Rs. -
164	18.34.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	Each	21.00	12,788.87	Rs. 2,68,566.27
	18.35	Constructing masonry Chamber 120x120x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement :2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :		-		Rs. -
165	18.35.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	Each	21.00	17,639.63	Rs. 3,70,432.23
	18.36	Constructing masonry Chamber 60x60x75 cm, inside in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for fire hydrants, with C.I. surface box 350x350 mm. top and 165 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement: 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand:10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design :		-		Rs. -
166	18.36.1	With common burnt clay F.P.S.(non modular) bricks of class designation 7.5.	Each	21.00	7,051.37	Rs. 1,48,078.77
	18.48	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, ISI : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.		-		Rs. -
167	18.48A	Circular Tank	per litre	24,000.00	7.83	Rs. 1,87,920.00
	18.49	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931		-		Rs. -
168	18.49.1	15mm nominal bore	Each	96.00	401.40	Rs. 38,534.40
	18.50.	Providing and fixing C.P. brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.		-		Rs. -
169	18.50.1	15 mm nominal bore.	Each	96.00	599.66	Rs. 57,567.36
	18.51	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.		-		Rs. -
170	18.51.1	15mm nominal bore	Each	4.00	531.90	Rs. 2,127.60
	18.52	Providing and fixing CP brass stop cock (consealed) of standard design and of approved make conforming to IS:8931		-		Rs. -
171	18.52.1	15mm nominal bore	Each	72.00	589.57	Rs. 42,449.04
	18.53	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931.		-		Rs. -
172	18.53.1	15mm nominal bore	Each	288.00	513.70	Rs. 1,47,945.60
		DRAINAGE		-		Rs. -
	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 :		-		Rs. -
173	19.1.1	100mm diameter	Metre	156.00	233.52	Rs. 36,429.12
174	19.1.2	150mm diameter	Metre	340.00	353.19	Rs. 1,20,084.60
	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.		-		Rs. -
175	19.2.1	100mm diameter S.W. pipe	Metre	156.00	672.71	Rs. 1,04,942.76
176	19.2.2	150mm diameter S.W. pipe	Metre	340.00	822.70	Rs. 2,79,718.00

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	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 :		-		Rs. -
	19.4.1	100x100mm size P type		-		Rs. -
177	19.4.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	12.00	1,730.40	Rs. 20,764.80
	19.4.2	150 x 100 mm size P type		-		Rs. -
178	19.4.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	16.00	1,752.93	Rs. 28,046.88
	19.7	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 40 mm nominal size) inside plastering 12 mm 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 20 mm nominal size) finished with a floating coat of neat cement complete as per standard design.		-		Rs. -
	19.7.1	Inside size 90 x 80 cm and 45 cm deep including CI cover with frame (light duty) 455 x 610mm 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).		-		Rs. -
179	19.7.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	18.00	9,323.87	Rs. 1,67,829.66
	19.7.2	Inside size 120x90 cm and 90 cm deep including C.I. cover with frame (medium duty) 500 mm internal diameter, total weight of cover and frame to be not less than 116 kg. (weight of cover 58 kg. and weight of frame 58 kg.)		-		Rs. -
180	19.7.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	14.00	19,894.17	Rs. 2,78,518.38
	19.8	Extra for depth for manhole		-		Rs. -
	19.8.1	Size 90x80 cm		-		Rs. -
181	19.8.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Metre	7.00	6,175.46	Rs. 43,228.22
	19.8.2	120x90 cm		-		Rs. -
182	19.8.2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Metre	12.00	7,397.99	Rs. 88,775.88
	19.11	Constructing brick masonry circular manhole 1.22 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size), and making necessary channel 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, all complete as per standard design:		-		Rs. -
	19.11.1	1.68m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter conforming to IS 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including centrerer shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately).		-		Rs. -
183	19.11.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	10.00	17,883.83	Rs. 1,78,838.30
	19.12	Extra depth for circular type manhole 1.22m internal dia (at bottom) beyond 1.68m to 2.29m		-		Rs. -
184	19.12.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Metre	10.00	6,870.95	Rs. 68,709.50
	19.13	Constructing brick masonry circular manhole 1.52 m internal dia at bottom and 0.56 m dia at top in cement mortar 1:4 (1 cement : 4 coarse sand), inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, foundation concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size), and making necessary channel 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, all complete as per standard design:		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	19.13.1	2.30m deep with S.F.R.C. cover and frame (heavy duty, HD-20 grade designation) 560mm internal diameter conforming to IS 12592, total weight of cover and frame to be not less than 182 kg., fixed in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) including centering shuttering all complete. (Excavation, foot rests and 12mm thick cement plaster at the external surface shall be paid for separately).		-		Rs. -
185	19.13.1.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	70.00	38,206.56	Rs. 26,74,459.20
	19.14	Extra depth for circular type manhole 1.52 m internal dia (at bottom) beyond 2.30 m :		-		Rs. -
186	19.14.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Metre	50.00	16,229.19	Rs. 8,11,459.50
	19.15	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design.		-		Rs. -
187	19.15.1	With 20x20mm square bar	Each	150.00	289.35	Rs. 43,402.50
188	19.16	Providing orange colour safety foot rest of minimum 6mm thick plastic encapsulated as per IS:10910 on 12 mm dia steel bar conforming to IS:1786 having minimum cross section as 23mm x 25mm and over all minimum length 263 mm and width as 165mm with minimum 112mm space between protruded legs having 2mm tread on top surface by ribbing or chequering besides necessary and adequate anchoring projections on tail length on 138mm 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 20mm nominal size) complete as per design.	Each	540.00	354.09	Rs. 1,91,208.60
	19.21	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement 3 coarse sand) finished with a floating coat of neat cement and making necessary channels for the drain etc. complete.		-		Rs. -
189	19.21.1	For pipes 100 to 250 mm diameter	Each	104.00	422.41	Rs. 43,930.64
	19.22	Providing sand cast iron drop connection externally for 60cm drop from branch sewer line to main sewer manhole including inspection and cleaning eye with chain and lid, sand cast iron drop pipe and bend encased alround with cement concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40mm nominal size) with all centring and shuttering required, cutting holes in walls and making good with brick work in cement mortar 1:4 (1 cement : 4 coarse sand) plastered with cement mortar 1:3 (1 cement : 3 coarse sand) on inside of the manhole wall lead caulked joints between sand cast iron pipes and fittings, stiff cement mortar 1:1 (1 cement : 1 fine sand) joints between sand cast iron tee and S.W. pipe, making required channels complete as per standard design and specifications:		-		Rs. -
190	19.22.2	150mm dia. sand cast iron drop connection	Each	10.00	9,613.29	Rs. 96,132.90
	19.23	Extra for depths beyond 60 cm of sand cast iron drop connection complete :		-		Rs. -
191	19.23.2	For 150 mm dia. sand cast iron drop connection	Meter	10.00	2,795.84	Rs. 27,958.40
	19.27	Constructing brick masonry road gully chamber 50 x 45 x 60 cm with bricks of class designation 75 in cement mortar 1.4 (1 cement : 4 coarse sand) including 500 x 450 mm precast R.C.C. horizontal grating with frame complete as per standard design.		-		Rs. -
192	19.27.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	11.00	4,366.10	Rs. 48,027.10
	19.28	Constructing brick masonry road gully chamber 45x45x77.5 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) with precast R.C.C. vertical grating complete as per standard design :		-		Rs. -
193	19.28.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Each	11.00	4,734.77	Rs. 52,082.47
		ALUMINIUM DOORS AND WINDOWS		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. 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, paneling and dash fasteners to be paid for separately) :		-		Rs. -
	21.1.1	For fixed portion		-		Rs. -
194	21.1.1.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	_Kg_	1,294.89	415.23	Rs. 5,37,675.85
	21.1.2	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)		-		Rs. -
195	21.1.2.2	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	388.36	480.45	Rs. 1,86,588.94
	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):		-		Rs. -
196	21.3.1	With float glass panes of 4.00 mm thickness	Sqm	295.11	800.74	Rs. 2,36,308.84
197	21.3.2	With float glass panes of 5.50mm thickness	Sqm	40.00	1,084.16	Rs. 43,366.40
	21.8	Filling the gap in between aluminium frame & adjacent RCC/Brick/Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-Charge complete		-		Rs. -
198	21.8.1	Upto 5mm depth and 5mm width	Meter	2,142.00	67.43	Rs. 1,44,435.06
	21.11	Providing and fixing stainless steel (SS 304 grade) adjustable friction windows stays of approved quality with necessary stainless steel screws etc. to the side hung windows as per direction of Engineer-in-Charge complete		-		Rs. -
199	21.11.3	355x19mm	Each	40.00	256.10	Rs. 10,244.00
		WATERPROOFING WORKS		-		Rs. -
	22.4	Providing and placing in position suitable PVC water stops conforming to IS:12200 for construction / expansion joints between two RCC members and fixed to the reinforcement with binding wire before pouring concrete etc. complete.		-		Rs. -
200	22.4.1	Serrated with central bulb (225mm wide, 8-11 mm thick)	Metre	47.22	274.46	Rs. 12,960.00
	22.14	Grading roof for water proofing treatment with		-		Rs. -
201	22.14.1	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	103.13	6,029.89	Rs. 6,21,845.25
Total value of Schedule -I: Civil Works, Section A - DSR Items				-		Rs. 2,72,44,081.78

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
Schedule-I: Civil Works, Section B - Non Schedule Items				-		
		SECTION B- NON DSR ITEMS		-		
		EARTHWORK		-		
1	NS-E.1	Supplying and filling in plinth with Local sand under floors, including watering, ramming, consolidating and dressing complete.	Cum	25.00	580.38	Rs. 14,509.50
2	NS-E.1A	Earth Work in excavation for foundation, trenches(excluding Pipes) or drains, of all areas, in all kind of soils by mechanical means(hydraulic excavator)/manual means, including getting out the excavated soil, loading, unloading, stacking of excavated material required for backfilling, disposal of the surplus excavated soils for Lead upto 1.0 KM and lift upto 3.00m , including draining and pumping out surface water to maintain dry working conditions as directed by Engineer-in-charge	Cum	150.00	210.08	Rs. 31,512.00
	NS-E.1B	Extra over item No. NS-E.1A above as applicable, for all types of excavated soil, for additional lifts beyond the additional lift of 3m(included in item No. NS-E.1A), including maintaining dry working conditions, for the following lifts		-		Rs. -
3	NS-E-1B.1	Beyond 3.0M and upto 4.5M	Cum	50.00	69.09	Rs. 3,454.50
4	NS-E-1B.2	Beyond 4.5M and upto 6M	Cum	50.00	69.09	Rs. 3,454.50
	NS-E.1C	Extra for excavating over item No. NS-E.1A above as applicable, for		-		Rs. -
5	NS-E-1C.1	Brick Work, lean concrete, lime concrete etc.	Cum	50.00	46.10	Rs. 2,305.00
6	NS-E-1C.2	Reinforced cement concrete work	Cum	20.00	46.10	Rs. 922.00
7	NS-E.4A	Filling available excavated earth in trenches, plinth, sides of foundation, etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, all lead and lift with minimum of 90% relative density	Cum	300.00	268.75	Rs. 80,625.00
8	NS-E.5	Extra for excavating trenches for pipes, cables etc. in all kinds of soil for depth exceeding 4.5m depth, but not exceeding 6.0m.	Meter	1,000.00	909.49	Rs. 9,09,490.00
9	NS-E.6	Diluting and injecting chemical emulsion (to be paid in DSR Item No. 2.34.1) for Pre-constructional anti-termite treatment and creating a continuous chemical barrier under and around the column pits, walls, trenches,basement excavation, top surface of plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surroundings of pipes and conduits etc. complete as per specifications, using Chlopyriphos / Lindane E.C.20% with 1% concentration. (Plinth area of the building at ground floor only shall be measured for payment)	Sqm	100.00	148.31	Rs. 14,831.00
		CONCRETE & MISCELLANEOUS WORK		-		Rs. -
10	NS-CC.1	Grouting inside of pressed steel frames of profile B, C and E with cement concrete 1:2:4 (1 cement : 2 coarse sand ; 4 graded stone aggregate 12.5mm nominal size) including shuttering etc. complete.	Cum	17.64	9,485.89	Rs. 1,67,359.44
11	NS-CC.2	Providing and laying cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) finished with a floating coat of neat cement inside the drain including filling haunches of drain with 25 mm thick (average) as per direction of Engineer-in-Charge.	Cum	6.23	5,568.24	Rs. 34,717.28
		BRICK WORK		-		Rs. -
12	NS-BW.1A	Providing and laying autoclaved aerated cement blocks masonry with 150/250 mm thick AAC blocks in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineerin- Charge. (The payment of RCC band and reinforcement shall be made for seperately).	Cum	957.25	6,265.60	Rs. 59,97,719.91
13	NS-BW.2	Extra for using flyash bricks conforming to IS:12894 of class designation 75 in place of clay/FPS bricks in all brick work items.(Rate is over corresponding basic item for Clay/FPS bricks).	Cum	16.96	392.90	Rs. 6,662.68
		FINISHING		-		Rs. -
14	NS-FI.7	Providing and fixing 24 gauge 12 mm size galvanised chicken wire mesh of approved width at junctions of concrete and brick work and other locations called for including necessary laps and U shape galvanised wire nails complete.	Sqm	611.17	57.66	Rs. 35,240.18

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	NS-FI.8	Supply and installation of moisture/fire resistant wall/shaft covering made out of light weight fibre cement board composed / Cement bonded particle board of Portland cement, flyash, binders expanded polystyrene beads etc confirming to ISO 8336/IS 14862:2000 or IS: 14276 fixed to steel structure frame/wall by pre-coated water head self drilling/tapping fasteners. Steel frame shall be paid in separate item.(Visaka/Everest/Bison or similar approved make)		-		Rs. -
15	NS-FI.8.2	8 mm thick decorative cement fiber board with wooden grains category 3 type A / Type B including two coats of oil based exterior grade paint of required shade over primer finished with 1 coat of lacquer coat (Asian touchwood lacquer coat or similar approved make)	Sqm	36.00	1,627.33	Rs. 58,583.88
		WOOD WORK		-		Rs. -
16	NS-W.1	Providing and fixing heavy duty 25 mm dia, 2mm thick anodised aluminium drapery rods of approved color and shade with decorative end covers, matching brackets, rings etc. complete.Manufacturer and Sample to be approved by EIC.	Meter	410.40	695.71	Rs. 2,85,519.38
17	NS-W.2	Providing and fixing Door buffers/ Gutka (35 mm dia, 35-70 mm long) of approved quality to be fixed on rear side of wooden panel/ flush door shutters with long steel screws etc complete as per direction of Engineer-in-charge.	Each	240.00	36.23	Rs. 8,695.20
18	NS-W.3	Providing and fixing bright finished brass Magic eye of 180 degree vision angle to the front-main-door complete including drilling and making good the door as per instructions & directions of Engineer-inCharge.	Each	60.00	356.33	Rs. 21,379.80
	NS-W.6	Providing and fixing bright /matt finished Stainless Steel (Grade 304) tower bolts (barrel type) of approved quality & make with necessary SS screws etc all complete. (Make: Dorma/ Dorset/ Kich/ Ozone /Godrej/ Hettich / Hafele)		-		Rs. -
19	NS-W.6.1	250x10mm	Each	336.00	288.77	Rs. 97,026.72
20	NS-W.6.3	150x10mm	Each	336.00	178.37	Rs. 59,932.32
	NS-W.7	Providing and fixing bright /matt finished Stainless Steel (Grade 304) Door Latch of approved quality & make with necessary SS screws etc all complete. (Make: Dorma/ Dorset/ Kich/ Ozone /Godrej/ Hettich / Hafele)		-		Rs. -
21	NS-W.7.1	200x16mm	Each	336.00	198.61	Rs. 66,732.96
	NS-W.8	Providing and fixing bright /matt finished Stainless Steel (Grade 304) Aldrop of approved quality & make with necessary SS screws etc all complete. (Make: Dorma/ Dorset/ Kich/ Ozone /Godrej/ Hettich / Hafele)		-		Rs. -
22	NS-W.8.1	250x16mm	Each	336.00	198.61	Rs. 66,732.96
	NS-W.9	Providing and fixing bright /matt finished Stainless Steel (Grade 304) Handels of approved quality & make with necessary SS screws etc all complete. (Make: Dorma/ Dorset/ Kich/ Ozone /Godrej/ Hettich / Hafele)		-		Rs. -
23	NS-W.9.1	125mm	Each	576.00	157.85	Rs. 90,921.60
	NS-W.10	Providing and fixing bright /matt finished Stainless Steel hanging type floor door stopper of approved quality & make with necessary SS screws etc all complete. (Make: Dorma/ Dorset/ Kich/ Ozone /Godrej/ Hettich / Hafele)		-		Rs. -
24	NS-W.10.1	Twin Door Stopper	Each	336.00	46.10	Rs. 15,489.60
		STEEL WORK		-		Rs. -
25	NS-ST.2	Structural steel work welded in built up section , for insert plates in R.C.C. wall, column, beam, slab, edge angles etc. and railings / handrails including cutting, welding, hoisting, fixing in position during shuttering, grouting wherever required as per drawing, at all levels / elevations and applying a priming coat of approved steel primer all complete.	Kg	100.00	150.71	Rs. 15,071.00
26	NS-ST.3	Supplying, fitting & fixing at all levels 6mm thick MS chequered plate on MS angle support welded properly including necessary anchoring arrangement as per drawing compete with three coat of synthetic enamel paint over a coat of approved steel primer.	Kg	200.00	94.49	Rs. 18,898.00
		MODULAR KITCHEN		-		Rs. -
	NS-K.1	Design, fabrication, supply and installation of Modular Kitchen units as per the tender drawings, including all necessary hardware including stainless steel accessories complete, as detailed below and as per direction and satisfaction of Engineer in charge. All hardwares, accessories & fittings shall be of Hettich /Hafele/ Blum/Godrej.		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
		A. Overhead/Below Counter Box type Storage Units & Cabinets		-		Rs. -
		I.The frame work of the carcass of the cabinets (both overhead and below counter) including facia/ sides and 100mm skirting shall be fabricated from 18mm one side decorative pre-laminated MDF board with PVC edge banding tape. Back of carcass shall be made out of 6mm Marine plywood conforming to IS: 710, with 1mm thick lamination Grade-1 on internal surface of ply and two coats of black bitumastic paint mixed with approved antitermite chemical emulsion on exterior side of wooden surfaces (in contact with RCC/ Masonary), complete. Depth of storage below and above counter to be 550 - 650 mm and 350 - 450 mm respectively.		-		Rs. -
		II. Shutters/shelves shall be fabricated from Pre-laminated exterior Grade -1 MDF Board 18 mm thick conforming to IS:14587,with one side decorative lamination and balancing lamination on other side. Each cabinet except where accessories are provided shall be provided with 1 no. shelf.		-		Rs. -
		III. Each shutter shall be fixed to the carcass using minimum two numbers of soft closing click-on hinges and provided with an approved quality and profile brush finished SS handle (minimum 75 mm long). All shutters to be solid, without glazing.		-		Rs. -
		IV. 6mm thick marine plywood conforming to IS: 710 shall be fixed above carcass with synthetic resin adhesive with PVC edge bending covering all exposed surfaces.		-		Rs. -
27	NS-K.1.1	Front Area of the Modular Boxes shall be measured for payment purpose in Sqm with skirting. Front wooden portion fixed to accessories shall also be paid in this item. However drawers (including front area) & accessories shall be paid in respective items.	Sqm	169.80	5,936.84	Rs. 10,08,075.43
		Accessory combination A		-		Rs. -
28	NS-K.1.2.1	For one kitchen/ pantry unit, minimum of 1 No. SS cutlery tray, 1 No. plain basket, 1 No. cup & saucer basket, 1 No.bin holder, all of approved make and size and 1 No. SS wall hanging unit with minimum 2 trays.	Each	12.00	10,591.62	Rs. 1,27,099.44
	NS-K.1.3	D. Below Counter Drawers		-		Rs. -
		Providing and fixing drawers as per size, made with Pre-laminated exterior Grade - I MDF Board 18 mm thick conforming to IS:14587, and all exposed edges sealed with PVC edge banding tape for front and sides and 6mm thick commercial ply for bottom. One side decorative lamination for front and balancing lamination for rest MDF surfaces to be provided.. Top side of ply to be finished with 0.8mm thick lamination and bottom side with white paint over suitable wood primer. .		-		Rs. -
		Each drawer to be mounted on approved quality high precision telescopic channel/slides with soft closing mechanism- to be designed as per the drawer size and weight with minimum length of 500mm) to ensure smooth movement and provided with approved quality decorative SS handles , including additional hardwood support white painted, fixed on walls with the help of approved rawl plugs and steel screws as per requirements. The drawer shall be provided with approved collapsible handle/ knob of approved quality, complete with all necessary screws, as per drawing and direction of the Engineer- Incharge.		-		Rs. -
29	NS-K.1.3.1	Drawers up to 600mm. width and 600±50mm depth, 150mm high	Each	12.00	1,400.90	Rs. 16,810.80
30	NS-K.1.3.2	Drawers up to 600mm. width and 600±50mm depth, 200mm high	Each	12.00	1,648.12	Rs. 19,777.44
31	NS-K.1.3.3	Drawers up to 600mm. width and 600±50mm depth, 300mm high	Each	12.00	1,812.93	Rs. 21,755.16
		E. Granite Counter above wooden carcass		-		Rs. -
32	NS-K.1.5	Providing granite counter over carcass of below counter cabinets. 6mm thick marine plywood conforming to IS: 710 shall be fixed above carcass with synthetic resin adhesive of approved quality with PVC edge banding covering all exposed surfaces. 18mm mirror polished granite slab with edge moulding to be fixed over 6mm marine ply and openings /holes of appropriate dimensions shall be provided on the slab to insert SS sink and hose pipe from LPG cylinder.	Sqm	92.88	4,665.46	Rs. 4,33,327.92
		FLOORING		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
33	NS-F.3	Marble stone 18 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement: 3 coarse sand) and jointed with white cement slurry mixed with pigment to match the shade of the marble stone, including rubbing and polishing complete.(sample of Marble shall be approved by Engineer-in-Charge)	Sqm	72.14	2,652.00	Rs. 1,91,315.28
34	NS-F.4	Extra for making two nos. 6x6mm grooves in kota/ Marble / Granite stone treads.	Metre	338.80	56.02	Rs. 18,979.58
	NS-F.5	Providing and laying polished vitrified tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622 of approved make in all colours and shades, laid on 20 mm thick cement mortar 1:4 (1 cement : 4 coarse sand) for flooring and over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand) in skirting, riser of steps, including grouting the joints with white cement and matching pigments etc. complete		-		Rs. -
35	NS-F.5.2	Double charged tile of size 600x600/605x605 of Premium Series Kajaria/ Royale Series Somany/ Johnson / RAK/ Nitco	Sqm	948.61	852.42	Rs. 8,08,614.14
36	NS-F.5.3	Double charged tile of size 800x800 of Polished Series Kajaria/ Somany/ Johnson / RAK / Nitco	Sqm	2,582.66	955.67	Rs. 24,68,170.68
37	NS-F.6	Providing and laying mirror polished 18 mm thick granite stone (any colour) slab flooring conforming to IS 14223 (Part1), 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.(sample of Granite shall be approved by Engineer-in-Charge)	Sqm	38.00	3,853.91	Rs. 1,46,448.58
38	NS-F.7	Granite Stone (mirror polished) slabs 18mm thick of any color in risers of steps, skirting, dado and pillars laid on 12 mm (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 slabs, including rubbing and polishing complete.(sample of Granite shall be approved by Engineer-in-Charge)	Sqm	29.00	5,354.35	Rs. 1,55,276.15
39	NS-F.8	Extra for pre finished nosing to treads of steps of Granite stone	Sqm	33.00	388.47	Rs. 12,819.51
	NS-F.9	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS:15622 (thickness to be specified by the manufacturer) of approved make in all colours & shades 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, for following sizes:		-		Rs. -
40	NS-F.9.2	300x450mm in DIGITAL series of Kajaria/ Nitco/ Somany/ Johnson/ RAK	Sqm	1,127.40	908.72	Rs. 10,24,490.93
		SECTION B- NON DSR ITEMS		-		Rs. -
		ROOFING		-		Rs. -
41	NS-RF.2	Providing and fixing 50 mm diameter and 300mm long GI rain water spout in cement mortar 1:4 (1 Cement : 4 find sand)	Each	24.00	478.78	Rs. 11,490.72
42	NS-RF.3	Ceramic tile flooring with tile 300x300 mm in White colour (Kajaria/ Nitco/ Somany/ Johnson/ RAK), of 1st quality conforming to IS:15622, of approved make, with under layer 12 mm thick cement mortar 1:4 (1 cement: 4 coarse sand), with joints not exceeding 5 mm, including filling the gaps with ordinary cement mixture & mixing with synthetic polyester fibre, triangular in shape having specific gravity of 1.34 to 1.40, cross section size ranging from 10 to 40 micron & length upto 6 mm , mixing fibre @125 grams per 50 kg of cement in cement mortar, including providing and mixing water proofing material in mortar@ 1 kg per 50 kg of cement , all complete as per direction of Engineer-in-charge.	Sqm	2,071.03	498.09	Rs. 10,31,558.54
	NS-RF.4	Providing & fixing Multiwall Poly-Carbonate sheet 6mm thick,opal, fixed to structural framing plain or curved (structural framing shall be paid extra) including all fittings, edge beading,fixtures, joint sealing to make the complete structure water proof, complete as per approved design and instructions of the Engineer.	Sqm	200.00	1,739.30	Rs. 3,47,860.00
		ROAD WORKS		-		Rs. -
43	NS-RW.2	Providing and laying MS Dowel bar, covered by a thin plastic sheath of average thickness 1.25 mm, over specified length of bar, at joints of concrete pavement.	Kg	-	71.82	Rs. -
44	NS-RW.3	Providing and laying of following works in Concrete pavement (DSR Item no. 16.43.1) as per specifications and tender drawings : a) Polyethylene film of 125 microns between the concrete slab and the sub base b) De-bonding strip in contraction/Longitudnal joints c) Application of brush surface texture including abrasion spray over concrete slab	Sqm	-	461.02	Rs. -
		SANITARY FITTINGS		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	NS-S.1	Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for soil, waste and vent, Type-B as per IS : 13592 suitable for rubber ring joints, including all necessary specials and fittings (confirming to IS : 14735) i.e. bends, tees, junctions (with or without doors), reducers, WC connectors, couplers, cowls, clamps, rubber rings, cleanouts, MS holder bat clamp, Y sections, Connections in trap/ manholes etc. fixing at wall/ceiling/floor level supported by clamp & hangers etc. in concealed / inside duct / under floor & basement ceiling / external work etc. including chase cutting as required, excavation and back filling in all kind of soils, suspended from floor under false ceiling or embedding the pipes laid under floors / building in 75 mm. around 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including cost of shuttering for proper completion of the work, breaking and making good the walls and floors etc. after pipes have been duly laid and tested. The rubber ring shall confirm to IS : 5382.		-		Rs. -
		The pipes will be supported with threaded GI rods & clamps on 50x50x5 mm slotted angle. The cost will include all support arrangements. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.		-		Rs. -
45	NS-S.1.1	40 mm dia (Wall Thickness - 3.2 to 3.8 mm)	Metre	100.00	489.01	Rs. 48,901.00
46	NS-S.1.2	75 mm dia (Wall Thickness - 3.2 to 3.8 mm)	Metre	269.92	759.29	Rs. 2,04,947.56
47	NS-S.1.3	110 mm dia (Wall Thickness - 3.2 to 3.8 mm)	Metre	336.00	992.73	Rs. 3,33,557.28
	NS-S.1C	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 4 litre/6 litre dual flush vitreous china cistern with manually controlled device & C.P. flush bend with fittings & C.I.brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, core cutting and making good the walls and floors wherever required :		-		Rs. -
48	NS-S.1C.1	W.C. pan with ISI marked white solid plastic seat and lid	Each	120.00	3,152.17	Rs. 3,78,260.40
	NS-S.2	Providing and fixing UPVC Floor Trap of self cleansing design with CP Jali complete in all respects including cost of core cutting and making good the walls & floors		-		Rs. -
49	NS-S.2.1	Plain Floor Trap (4" Ht) 110*110 mm	Each	192.00	436.37	Rs. 83,783.04
50	NS-S.3	Providing and fixing 600 mm long C P brass towel rail - F890011 of HINDWARE/ T6001A1 of PARRYWARE/ AN-1111NM JAQUAR/F5003103 of CERA complete in all respects and as per the directions of engineer- in-charge.	Each	72.00	1,070.15	Rs. 77,050.80
51	NS-S.3A	Providing and fixing C P brass towel ring - F880007 of HINDWARE/ T6002A1 of PARRYWARE/ ACN-1121N JAQUAR /F5004105 of CERA complete in all respects and as per the directions of engineer-in-charge.	Each	72.00	802.00	Rs. 57,744.00
52	NS-S.4	Providing and fixing C P Brass Soap holder minimum 100x 50 mm of approved quality colour and make with concealed fitting arrangement complete. (Fittings Make: IMMACULA HINDWARE/ ACN1131N of JAQUAR/F003106 of CERA)	Each	72.00	372.44	Rs. 26,815.68
53	NS-S.5	Providing and fixing full counter length (wall to wall) mirrors (minimum 5.5 mm thick) of superior glass (of best approved quality) fixed to wooden cleats with CP brass screws and washers complete as per drawing including second class teak wood beading size 38x50 mm frame for 6mm thick mirror including polishing with french spirit polish after a coat of wood filler and 12 mm thick particle board for backing.	Sqm	10.00	3,210.44	Rs. 32,104.40
54	NS-S.6	Supplying, installing, testing and commissioning of 15mm CP health faucet (for ablution) ALD-CHR-565 of Jaquar, F160001 of HINDWARE , T9961A1 of Parryware ,F8030102 of CERA and 2 way C P angular valve of approved make with necessary flexible hose 1000mm long minimum, CP wall flanges, C P wall cap etc. complete.	Each	72.00	471.06	Rs. 33,916.32
55	NS-S.10	Providing and fixing 15 mm wall mounted swivel spout CP sink Mixer (FLR-5309N of Jaquar, F280020 of Hindware or G0639A1 of Parryware,F2003501 of CERA)	Each	60.00	3,032.32	Rs. 1,81,939.20
56	NS-S.11	Providing and fixing 15 mm CP basin Mixer (FLR-5001B of Jaquar, F280010 of Hindware, G3165A1GF of Parryware,F1005451 of CERA)	Each	72.00	3,032.32	Rs. 2,18,327.04

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	NS-S.14	Supplying, installing, testing and commissioning of Oval/ square/ circular shape wash basin fixed with CI brackets, and each wash basin shall be provided with 15mm C.P. brass angle valve with 450mm long 8mm diameter PVC inlet pipe, and 40 mm diameter uPVC pipe from Bottle trap to Floor trap, complete, including painting of fittings and brackets cutting and making good the walls wherever required.as per specification and directions of EIC		-		Rs. -
57	NS-S.14.1	Installed below the counter(Make: Hindware 10049 ZEN/JAQUAR FLORENTINE FLS-WHT-5701/OVAL CERA-S2030103)	Each	72.00	2,802.98	Rs. 2,01,814.56
58	NS-S.15	Supplying, installing, testing and commissioning of 2 in 1 CP wall Mixer with 115mm long bend pipe on upper side (FLR-5273UPR of JAQUAR, F280018 of HINDWARE, G0616A1 of PARRYWARE) and overhead shower (F160052 of HINDWARE, OHS-1985 of JAQUAR, T9986A1 of PARRYWARE) with shower arm & wall flange (F330029 of HINDWARE, SHA-483 of JAQUAR and T9955A1 of PARRYWARE) of approved quality and make complete in all respects and as per the directions of engineer-in-charge.	Each	72.00	4,108.33	Rs. 2,95,799.76
		ALUMINIUM DOORS & WINDOWS		-		Rs. -
	NS-AL.1	Providing and fixing powder coated aluminium sliding doors & windows, with dash fasteners of required number, dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. 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, with all necessary Aluminium section fixtures and fastenings such as roller bearing in nylon casting, automatic flush type lock etc., all complete as per approved shop drawings, based on adequacy in wind pressure 120Kg/m2, and the directions of Engineer-in-charge. 18mm shutters, with top and bearing bottom sections of minimum 40x18x1.09mm, Interlocking section minimum 40x18x1.00mm and Handle section minimum 40x18x1.09mm shall be used.		-		Rs. -
59	NS-AL.1.1	2 Track Window with 18mm shutters - Outer Frame with top, bottom and side track section of minimum 61.85x31.75x1.20mm.	Kg	382.64	485.13	Rs. 1,85,632.51
60	NS-AL.1.2	3 Track Window with 18mm shutters, including one shutter with SS Mesh - Outer Frame with top, bottom and side track section of minimum 92mmx31.75x1.30mm.	Kg	1,424.96	485.13	Rs. 6,91,292.59
61	NS-AL.2	Providing & fixing Stainless steel (Grade 304) wire Gauze of 0.5 mm dia wire & 1.4 mm Aperture in both directions in Aluminium window as directed by Engineer-In-Charge	Sqm	128.70	2,140.28	Rs. 2,75,454.04
		WATER SUPPLY		-		Rs. -
	NS-WS.1	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. : Internal work - Exposed on wall		-		Rs. -
64	NS-WS.1.1	75 mm nominal outer dia.Pipes.	Metre	40.00	2,274.51	Rs. 90,980.40
		DRAINAGE		-		Rs. -
	NS-D.1	Providing and constructing catch pits for collecting storm water, using flyash bircks conforming to IS:12894 of class designation 75 , in cement mortar 1:4 (1 cement : 4 fine sand) including laying cement concrete bedding 150 mm thick of grade 1:3:6 for foundation and bedding projecting 75 mm, inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, including providing and fixing RCC precast perforated covers along with frame including providing and fixing M. S. steps (for catch pit depth greater than 800mm) @ 300 mm c/c, benching in 1:2:4 and finishing with cement punning etc complete as per directions of Engineer In-Charge.		-		Rs. -
65	NS-D.1.1	300 x 300 up to 0.6m depth	Each	5.00	7,852.78	Rs. 39,263.90

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	NS-D.2	Providing, hoisting and fixing precast reinforced cement concrete drain/trench covers having concrete of strength not less than M-30 of sizes suitable to site condition and minimum 50 mm thick including finishing and plastering the exposed surface with cement mortar 1:3 (1 cement : 3 fine sand) of thickness not exceeding 6 mm to give a smooth and even surface including centring and shuttering and providing edge binding with M S flats of size minimum 50 mm x 1.6 mm etc. but excluding the cost of reinforcement including lifting hooks complete as per drawing and direction of Engineer-in-charge.		-		Rs. -
66	NS-D.2.1	Perforated covers	Cum	10.00	16,919.26	Rs. 1,69,192.60
67	NS-D.2.2	Solid covers	Cum	20.00	18,611.19	Rs. 3,72,223.80
	NS-D.3	Providing and constructing Flushing Tanks, using flyash bircks conforming to IS:12894 of class designation 75, in cement mortar 1:4 (1 cement : 4 fine sand) including laying cement concrete bedding 150 mm thick of grade 1:3:6 for foundation and bedding projecting 75 mm, inside cement plaster 12mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement, including providing RCC top slab with 1:2:4 mix ((1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm nominal size), and fixing RCC precast perforated covers along with frame including water inlet pipe, float valve, syphon, CI Pipe outlet, etc complete as per directions of Engineer-In-Charge		-		Rs. -
68	NS-D.3.1	1500 x 1500 mm	Each	10.00	1,29,581.79	Rs. 12,95,817.90
69	NS-D.4	Providing Weep holes in the Brick or RCC wall by fixing 75mm dia UPVC pipe (6 Kg. Pressure) of appropriate length and providing filter with 300X300X100mm 40mm down size stone aggregate with 100mm coarse sand layer all around the aggregate complete as per drawing, specifications and instructions of Engineer in charge	Each	135.00	533.87	Rs. 72,072.45
	NS-D.6	Constructing brick masonry open surface drain using flyash bircks conforming to IS:12894 of class designation 75, in cement mortar 1:4 (1 cement : 4 fine sand) including earth excavation 10 cm thick bed concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and 25 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 12.5 mm nominal size) for filling haunches including 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) with a floating coat of neat cement inside the drain, its top and exposed side including disposal of surplus earth complete as per standard design, complete as directed by Engineer-in-Charge.		-		Rs. -
70	NS-D.6.1	10 cm wide drain 20 cm average depth, wall thickness minimum 10 cm	Metre	80.00	2,795.19	Rs. 2,23,615.20
71	NS-D.6.2	15 cm drain 30 cm average depth, wall thickness minimum 20 cm	Metre	230.00	4,192.77	Rs. 9,64,337.10
72	NS-D.6.3	30 cm drain 50cm average depth, wall thickness minimum 30 cm	Metre	110.00	6,987.82	Rs. 7,68,660.20
	NS-D.7	Providing and laying non-pressure NP3 class (medium duty) RCC pipes upto 500mm dia conforming to IS:458 with socket & spigot jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete.		-		Rs. -
73	NS-D.7.1	100mm diameter	Metre	70.00	230.52	Rs. 16,136.40
74	NS-D.7.2	150mm diameter	Metre	1,510.00	242.04	Rs. 3,65,480.40
75	NS-D.7.3	250mm diameter	Metre	1,010.00	564.27	Rs. 5,69,912.70
76	NS-D.7.4	300mm diameter	Metre	910.00	708.13	Rs. 6,44,398.30
77	NS-D.7.6	500mm diameter	Metre	60.00	3,053.77	Rs. 1,83,226.20
		WATER PROOFING		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
78	NS-WP.2	Providing and laying water proofing treatment in any area and any level by applying cement slurry mixed with water proofing cement compound consisting of applying : a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	Sqm	1,469.22	1,088.92	Rs. 15,99,859.12
		MISC. WORKS		-		Rs. -
	NS-MW.2	Filling using broken hard stone of specified nominal size, brought from borrow areas arranged by the Contractor, in layers as specified below, for all leads and all lifts, filling, dressing, testing, with all labour, material, equipment, handling, trans-portion, etc., for all types of works at all levels, all complete, as per specifications, drawings and instructions of the Engineer:		-		Rs. -
79	NS-MW.2.1	Providing and laying clean 40-mm nominal size stone laid in layers not exceeding 200 mm in thickness and lightly tamped.	Cum	5.00	3,391.70	Rs. 16,958.50
	NS CC - 4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering - All work up to plinth level.		-		Rs. -
80	NS CC - 4.1.3	1:2:4 (1 cement :2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	Cum	60.00	6,822.66	Rs. 4,09,359.60
81	NS CC - 4.1.5	1:3:6 (1 cement : 3 coarse sand (zone-III) : 6 graded stone aggregate 20 mm nominal size)	Cum	70.00	6,544.56	Rs. 4,58,119.20
82	NS CC - 4.1.8	1:4:8 (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size).	Cum	120.00	6,287.20	Rs. 7,54,464.00
	NS CC - 4.2	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, sunken floor etc. upto floor five level, excluding the cost of centring, shuttering and finishing:		-		Rs. -
83	NS CC - 4.2.3	1:2:4 (1 Cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	33.81	6,822.66	Rs. 2,30,644.29
	NS RCC - 5.1	Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centring, shuttering, finishing and reinforcement - All work upto plinth level:		-		Rs. -
84	NS RCC -5.1.2	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20mm nominal size).	Cum.	10.03	6,735.10	Rs. 67,556.42
	NS RCC -5.22	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.		-		Rs. -
85	NS RCC -5.22.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kilogram	1,000.00	57.09	Rs. 57,090.00
	NS RCC -5.33	Providing and laying in position machine batched and machine mixed design mix M-25 grade cement concrete for reinforced cement concrete work, using cement content as per approved design mix, including pumping of concrete to site of laying but excluding the cost of centering, shuttering, finishing and reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge.		-		Rs. -
		(Note :- Cement content considered in this item is @ 330 kg/cum. Excess/less cement used as per design mix is payable/recoverable separately).		-		Rs. -
86	NS RCC -5.33.1	All works upto plinth level	Cum	100.00	7,525.02	Rs. 7,52,502.00
87	NS RCC -5.33.2	All works above plinth level upto floor V level.	Cum	464.41	7,585.33	Rs. 35,22,674.66
	NS BW - 6.1	Brick work with common burnt clay FPS(non modular) brick of class designation 7.5 in foundation and plinth in:		-		Rs. -
88	NS BW - 6.1.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	117.46	6,027.81	Rs. 7,08,028.82
	NS BW - 6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :		-		Rs. -

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
89	NS BW - 6.4.1	Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	4.00	6,027.81	Rs. 24,111.24
90	NS BW - 6.4.2	Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	8.00	5,888.27	Rs. 47,106.16
	NS BW - 6.13	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.		-		Rs. -
91	NS BW - 6.13.2	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	135.66	602.78	Rs. 81,774.04
	NS ST- 10.14	Providing and fixing pressed steel door frames conforming to IS: 4351 manufactured from commercial mild steel sheet of 1.60 mm thickness including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25mm, or base ties of 1.60 mm pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges, 2.5mm 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.		-		Rs. -
	NS ST- 10.14.1	Profile B		-		Rs. -
92	NS ST- 10.14.1. 1	Fixing with adjustable lugs with split end tail to each jamb.	Metre	386.56	305.29	Rs. 1,18,012.90
93	NS ST- 10.14.1. 2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).	Metre	200.00	298.06	Rs. 59,612.00
	NS ST- 10.14.3	Profile E		-		Rs. -
94	NS ST- 10.14.3. 1	Fixing with adjustable lugs with split end tail to each jamb.	Metre	264.00	357.36	Rs. 94,343.04
95	NS ST- 10.14.3. 2	Fixing with carbon steel galvanised dash fastener of required dia and size (to be paid for separately).	Metre	100.00	350.18	Rs. 35,018.00
	NS FF- 11.20	Chequerred precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20 mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).		-		Rs. -
96	NS FF- 11.20.1	Light shade pigment using white cement	Sqm	219.20	662.50	Rs. 1,45,220.00
97	NS FF- 11.37	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (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 20 mm thick cement mortar 1:4 (1 Cement : 4 Coarse sand), including pointing the joints with white cement and matching pigment etc, complete.	Sqm	448.02	709.79	Rs. 3,17,999.69
	NS PL- 13.4	12 mm cement plaster of mix :		-		Rs. -
98	NS PL- 13.4.2	1:6 (1 cement: 6 coarse sand)	Sqm	3,635.00	159.13	Rs. 5,78,438.19
	NS PL- 13.5	15 mm cement plaster on rough side of single or half brick wall of mix :		-		Rs. -
99	NS PL- 13.5.2	1:6 (1 cement: 6 coarse sand)	Sqm	314.24	193.07	Rs. 60,671.09
	NS PL- 13.7	12 mm cement plaster finished with a floating coat of neat cement of mix		-		Rs. -
100	NS PL- 13.7.2	1:4 (1 cement: 4 fine sand)	Sqm	181.82	218.83	Rs. 39,788.55
101	NS PL- 13.11	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	Sqm	4,568.27	236.11	Rs. 10,78,613.76
	NS PL- 13.16	6 mm cement plaster of mix:		-		Rs. -
102	NS PL- 13.16.1	1:3 (1 cement : 3 fine sand)	Sqm	1,547.01	218.83	Rs. 3,38,532.20

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
	NS CC-16.43	Providing and laying design mix cement concrete of M-30 grade, in roads/ taxi tracks/ runways, using cement content as per design mix, using coarse sand and graded stone aggregate of 40 mm nominal size in appropriate proportions as per approved & specified design criteria, providing dowel bars with sleeve/ tie bars wherever required, laying at site, spreading and compacting, mechanically by using needle and surface vibrators, levelling to required slope/ camber, finishing with required texture, including steel form work with sturdy M.S. channel sections, curing, making provision for contraction/ expansion, construction & longitudinal joints (10 mm wide x 50 mm deep) by groove cutting machine, providing and filling joints with approved joint filler and sealants, complete all as per direction of Engineer-in-charge (Item of joint fillers, sealants, dowel bars with sleeve/ tie bars to be paid separately)		-		Rs. -
		Note:- Cement content considered in M-30 is @ 340 kg/cum. Excess/ less cement used as per design mix is payable/ recoverable separately.		-		Rs. -
103	16.43.1	Cement concrete prepared with batch mixing machine.	Cum	150.00	8,372.49	Rs. 12,55,873.50
Total value of Schedule -I: Civil Works, Section B - Non Schedule Items						Rs. 3,79,06,685.38

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
SCHEDULE-II : INTERNAL ELECTRIFICATION WORKS SECTION-A:DSR ITMES						
		WIRING		-		
1	1.30	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.		-		
	1.3.2	Group B	Point	10.00	843.39	Rs. 8,433.90
	1.3.3	Group C	Point	10.00	1,046.19	Rs. 10,461.90
		Note:: Please note that Measurement of Point-wiring for C and D type quarters comes under CPWD group "B" type and measurement of point-wiring of Non-residential buildings i.e Field hostel bachelore & family and switchgear cum substation comes under Group "C" type respectively.		-		Rs. -
2	1.40	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed steel conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	Point	5.00	1,103.67	Rs. 5,518.35
3	1.70	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed steel conduit as required		-		Rs. -
	1.7.1	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	10.00	182.60	Rs. 1,826.00
	1.7.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	10.00	207.83	Rs. 2,078.30
	1.7.3	2 X 4 sq. mm + 1 X 4 sq. mm earth wire	Metre	10.00	239.11	Rs. 2,391.10
4	1.10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.		-		Rs. -
	1.10.2	Group B	Point	404.00	620.45	Rs. 2,50,661.80
	1.10.3	Group C	Point	400.00	763.70	Rs. 3,05,480.00
		Note:: Please note that Measurement of Point-wiring for C and D type quarters comes under CPWD group "B" type and measurement of point-wiring of Non-residential buildings i.e Field hostel bachelore & family and switchgear cum substation comes under Group "C" type respectively.		-		Rs. -
5	1.11	Wiring for twin control light point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, 2 way modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS PVC insulated copper conductor single core cable etc as required.	Point	152.00	816.17	Rs. 1,24,057.84
6	1.12	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit along with 1 No 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Metre	5,000.00	169.48	Rs. 8,47,400.00
7	1.14	Wiring for circuit/ submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required		-		Rs. -
	1.14.1	2 X 1.5 sq. mm + 1 X 1.5 sq. mm earth wire	Metre	2,750.00	112.99	Rs. 3,10,722.50
	1.14.2	2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire	Metre	12,100.00	138.22	Rs. 16,72,462.00
	1.14.4	2 X 6 sq. mm + 1 X 6 sq. mm earth wire	Metre	20.00	229.02	Rs. 4,580.40
	1.14.5	2X 10 sq. mm + 1 X 6 sq. mm earth wire	Metre	20.00	301.65	Rs. 6,033.00
	1.14.8	4 X 4 sq. mm + 2 X 4 sq. mm earth wire	Metre	35.00	283.49	Rs. 9,922.15
	1.14.9	4 X 6 sq. mm + 2 X 6 sq. mm earth wire	Metre	415.00	398.50	Rs. 1,65,377.50
	40192	4 X 10 sq. mm + 2 X 6 sq. mm earth wire	Metre	25.00	540.74	Rs. 13,518.50
	1.14.11	4 X 16 sq. mm + 2 X 6 sq. mm earth wire	Metre	300.00	739.49	Rs. 2,21,847.00
8	1.18	Supplying and drawing following pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.		-		Rs. -
	1.18.2	2 Pair	Metre	2,500.00	19.17	Rs. 47,925.00
9	1.19	Supplying and drawing co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath in the existing surface/ recessed steel/ PVC conduit as required.	Metre	2,250.00	29.25	Rs. 65,812.50

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
10	1.21	Supplying and fixing of following sizes of medium class PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required.		-		Rs. -
	1.21.1	20 mm	Metre	4,450.00	57.50	Rs. 2,55,875.00
	1.21.2	25 mm	Metre	265.00	69.63	Rs. 18,451.95
	1.21.3	32 mm	Metre	25.00	89.78	Rs. 2,244.50
	1.21.5	50 mm	Metre	25.00	149.30	Rs. 3,732.50
11	1.22	Supplying and fixing metal box of following sizes (nominal size) on surface or in recess with suitable size of phenolic laminated sheet cover in front including painting etc as required.		-		Rs. -
	1.22.4	150 mm X 150 mm X 60 mm deep	Each	25.00	169.48	Rs. 4,237.00
	1.22.7	200 mm X 150 mm X 60 mm deep	Each	25.00	195.72	Rs. 4,893.00
12	1.24	Supplying and fixing following modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.		-		Rs. -
	1.24.1	5/6 amps switch	Each	25.00	84.74	Rs. 2,118.50
	1.24.3	15/16 amp switch	Each	25.00	115.02	Rs. 2,875.50
	1.24.4	3 pin 5/6 amp socket outlet	Each	25.00	81.72	Rs. 2,043.00
	1.24.5	6 pin 15/16 amp socket outlet	Each	25.00	154.35	Rs. 3,858.75
	1.24.6	Telephone socket outlet	Each	96.00	96.83	Rs. 9,295.68
	1.24.7	TV antenna socket outlet	Each	84.00	97.85	Rs. 8,219.40
13	1.25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	Each	130.00	290.55	Rs. 37,771.50
14	1.26	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	280.00	24.22	Rs. 6,781.60
15	1.27	Supplying and fixing following size/ modules, GI box along with modular base & cover plate for modular switches in recess etc as required.		-		Rs. -
	1.27.1	1 or 2 Module (75mmX75mm)	Each	180.00	176.55	Rs. 31,779.00
	1.27.4	6 Module (200mmX75mm)	Each	20.00	260.28	Rs. 5,205.60
16	1.31	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 amps modular socket outlet and 5/6 amps modular switch, connection etc. as required. (For light plugs to be used in non residential buildings).	Each	426.00	315.76	Rs. 1,34,513.76
17	1.32	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 6 pin 5/6 & 15/16 amps modular socket outlet and 15/16 amps modular switch, connection etc. as required.	Each	141.00	409.58	Rs. 57,750.78
18	1.45	Installation, testing and commissioning of ceiling fan, including wiring the down rods of standard length (upto 30 cm) with 1.5 sq. mm FRLS PVC insulated, copper conductor, single core cable, including providing and fixing phenolic laminated sheet cover on the fan box etc. as required.	Each	130.00	133.17	Rs. 17,312.10
19	1.5	Installation of exhaust fan in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.		-		Rs. -
	1.50.1	Upto 450 mm sweep	Each	107.00	225.98	Rs. 24,179.86
20	1.51	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	107.00	99.88	Rs. 10,687.16

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
21	1.54	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed steel conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.		-		Rs. -
	1.54.2	Group B	Point	10.00	514.52	Rs. 5,145.20
	1.54.3	Group C	Point	10.00	606.33	Rs. 6,063.30
		Note:: Please note that Measurement of Point-wiring for C and D type quarters comes under CPWD group "B" type and measurement of point-wiring of Non-residential buildings i.e Field hostel bachelore & family and switchgear cum substation comes under Group "C" type respectively.		-		Rs. -
22	1.55	Wiring for group controlled (looped) light point/fan point/exhaust fan point/ call bell point (without independent switch etc.) with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed PVC conduit, and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc. as required.		-		Rs. -
	1.55.2	Group B	Point	25.00	368.22	Rs. 9,205.50
	1.55.3	Group C	Point	70.00	418.67	Rs. 29,306.90
		Note:: Please note that Measurement of Point-wiring for C and D type quarters comes under CPWD group "B" type and measurement of point-wiring of Non-residential buildings i.e Field hostel bachelore & family and switchgear cum substation comes under Group "C" type respectively.		-		Rs. -
23	1.56	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 Nos. 3 pin 5/6 A modular socket outlet and 2 Nos. 5/ 6 A modular switch, connections etc. as required. (For light plugs to be used in non residential buildings).	Each	84.00	508.46	Rs. 42,710.64
24	1.57	Supplying & fixing suitable size GI box with modular plate and cover in front on surface or in recess including providing and fixing 25 A modular socket outlet and 25 A modular SP MCB, "C" curve including connections, painting etc. as required.	Each	96.00	537.71	Rs. 51,620.16
		MCCB, MCB & DB'S		-		Rs. -
25	2.2	Providing and fixing following rating and breaking capacity and pole MCCB with thermomagnetic release and terminal spreaders in existing cubicle panel board including drilling holes in cubicle panel, making connections, etc. as required.		-		Rs. -
	2.2.1	100 A, 16 KA,TPMCCB	Each	-	3,246.47	Rs. -
	2.2.3	150 A, 16 KA,TPMCCB	Each	-	4,132.26	Rs. -
	2.2.4	200 A, 16 KA,TPMCCB	Each	-	5,583.98	Rs. -
26	2.3	Supplying and fixing following way, single pole and neutral, sheet steel, MCB distribution board, 240 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator)		-		Rs. -
	2.3.1	6 way, Double door	Each	2.00	950.34	Rs. 1,900.68
	2.3.3	12 way, Double door	Each	2.00	1,161.19	Rs. 2,322.38
27	2.4	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/ Isolator)		-		Rs. -
	2.4.1	4 way (4 + 12), Double door	Each	2.00	2,217.46	Rs. 4,434.92
	2.4.2	6 way (4 + 18), Double door	Each	3.00	2,682.53	Rs. 8,047.59
	2.4.3	8 way (4 + 24), Doubledoor	Each	24.00	3,199.09	Rs. 76,778.16
28	2.5	Supplying and fixing of following ways surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A, tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as required. (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)		-		Rs. -
	2.5.1	4 way (4 + 12), Double door	Each	1.00	4,541.86	Rs. 4,541.86
	2.5.2	8 way (4 + 24), Double door	Each	1.00	5,714.14	Rs. 5,714.14

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
29	2.1	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.		-		Rs. -
	2.10.1	Single pole	Each	478.00	174.54	Rs. 83,430.12
	2.10.4	Triple pole	Each	2.00	706.19	Rs. 1,412.38
	2.10.5	Triple pole and neutral	Each	2.00	898.88	Rs. 1,797.76
30	2.11	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc.as required.	Each	98.00	7.05	Rs. 690.90
31	2.14	Supplying and fixing following rating, double pole, (single phase and neutral), 240 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.		-		Rs. -
	2.14.1	25 A	Each	2.00	1,664.63	Rs. 3,329.26
	2.14.2	40 A	Each	2.00	1,734.21	Rs. 3,468.42
32	2.15	Supplying and fixing following rating, four pole, (three phase and neutral), 415 V, residual current circuit breaker (RCCB), having a sensitivity current 30 mA in the existing MCB DB complete with connections, testing and commissioning etc. as required.		-		Rs. -
	2.15.2	40 amps	Each	18.00	2,149.87	Rs. 38,697.66
	2.15.3	63 amps	Each	8.00	2,322.36	Rs. 18,578.88
33	2.18	Supplying and fixing 20 amps, 240 volts, SPN industrial type, socket outlet, with 2 pole and earth, metal enclosed plug top along with 20 amps "C" curve, SP, MCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	84.00	988.67	Rs. 83,048.28
34	2.19	Supplying and fixing 20 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 20 amps "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	1.00	1,467.88	Rs. 1,467.88
35	2.2	Supplying and fixing 30 amps, 415 volts, TPN industrial type, socket outlet, with 4 pole and earth, metal enclosed plug top alongwith 30 amps "C" curve, TPMCB, in sheet steel enclosure, on surface or in recess, with chained metal cover for the socket out let and complete with connections, testing and commissioning etc. as required.	Each	1.00	2,510.01	Rs. 2,510.01
		EARTHING		-		Rs. -
36	5.2	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	Each	4.00	3,704.51	Rs. 14,818.04
37	5.4	Earthing with G.I. earth plate 600 mm X 600 mm X 6 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 metre long etc. with charcoal/ coke and salt as required.	Set	8.00	4,365.30	Rs. 34,922.40
38	5.9	Supplying and laying 25 mm X 5 mm G.I strip at 0.50 metre below ground as strip earth electrode, including connection/ terminating with G.I. nut, bolt, spring, washer etc. as required. (Jointing shall be done by overlapping and with 2 sets of G.I. nut bolt & spring washer spaced at 50mm)	Metre	50.00	85.74	Rs. 4,287.00
39	5.11	Providing and fixing 25 mm X 5 mm G.I. strip in 40 mm dia G.I. pipe from earth electrode including connection with G.I. nut, bolt, spring, washer excavation and re-filling etc. as required.	Metre	20.00	354.11	Rs. 7,082.20
40	5.15	Providing and fixing 25 mm X 5 mm G.I. strip on surface or in recess for connections etc. as required.	Metre	30.00	130.14	Rs. 3,904.20
		LIGHTNING CONDUCTOR		-		Rs. -
41	6.2	Providing and fixing of lightning conductor finial, made of 25 mm dia 300 mm long, G.I. tube, having single prong at top, with 85 mm dia 6 mm thick G.I. base plate including holes etc. complete as required.	Each	3.00	306.70	Rs. 920.10
42	6.4	Jointing copper / G.I. tape (with another copper/ G I tape, base of the finial or any other metallic object) by riveting / nut bolting/ sweating and soldering etc as required.	Each	12.00	57.50	Rs. 690.00
43	6.7	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For horizontal run)	Metre	232.00	66.58	Rs. 15,446.56

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
44	6.8	Providing and fixing G.I. tape 20 mm X 3 mm thick on parapet or surface of wall for lightning conductor complete as required.(For vertical run)	Metre	102.00	100.88	Rs. 10,289.76
45	6.12	Providing and fixing testing joint, made of 20 mm X 3 mm thick G.I. strip, 125 mm long, with 4 nos. of G.I. bolts, nuts, chuck nuts and spring washers etc. complete as required.	Each	6.00	73.64	Rs. 441.84
46	6.14	Providing and laying G.I. tape 32 mm X 6 mm from earth electrode directly in ground as required.	Metre	10.00	112.99	Rs. 1,129.90
47	9.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.		-		Rs. -
	45170	3½ X 70 sq. mm (38mm)	Each	6.00	397.49	Rs. 2,384.94
		CIVIL ITEMS		-		Rs. -
48	14.13	Providing, laying and fixing following dia G.I. pipe (medium class) in ground complete with G.I. fittings including trenching (75 cm deep)and re-filling etc as required		-		Rs. -
	14.13.1	50 mm dia	metre	20.00	391.43	Rs. 7,828.60
49	14.14	Providing, laying and fixing following dia RCC pipe NP2 class (light duty) in ground complete with RCC collars, jointing with cement mortar 1:2 (1 cement : 2 fine sand) including trenching (75 cm deep) and refilling etc as required.		-		Rs. -
	14.14.1	100 mm dia	Metre	32.50	358.13	Rs. 11,639.23
	14.14.2	150 mm dia	Metre	32.50	408.60	Rs. 13,279.50
		LIGHTING CONTROLS		-		Rs. -
50	15.2	Supplying,installation,testing and commissioning of Passive Infrared(PIR) technology based occupancy sensor with day light dimming(lighting level shall be regulated as per availability of natural day light in an area along with occupancy detection.) having high preformance, regulating programmable type, suitable for connected load upto 10 A, for mounting height up to 2.8 meter and for 5 meter diameter coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	Each	-	4,506.53	Rs. -
51	15.3	Supplying,installation,testing and commissioning of Microwave technology based occupancy sensor having high preformance, non regulating programmable type, suitable for connected load upto 10 A, for mounting height up to 2.6 meter and for 5m X20m coverage area along with necessary fixing arrangements i/c programming at site etc. complete as required.	Each	-	6,154.00	Rs. -
TOTAL OF SCHEDULE-II : INTERNAL ELECTRIFICATION WORKS SECTION-A:DSR ITMES				-		Rs. 53,35,623.13

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
				-		
SCHEDULE-II : INTERNAL ELECTRIFICATION WORKS SECTION-B: NSR ITMES						
1	NSE-1	Supply,Installation, testing and commissioning of 1200mm length,1x18-24W,LED type light fixture of comprising frame fitted with LED lamp, including driver etc. suitable for wall/ceiling mounted as required as per site conditions (Goldwyn T8-A20, Wipro LL20-221-XXX-65-NE,Surya SLE BT 20, Bajaj: BCLSB 18WH). connections as required as per site conditions.	No.	134.00	824.22	Rs. 1,10,445.48
2	NSE-2	Supply,Installation, testing and commissioning of 600mm length,1x10-12W,LED type light fixture of comprising frame fitted with LED lamp, including driver etc. suitable for wall/ceiling mounted as required as per site consitions(Bajaj: BCLSB 10WH, Goldwyn T8-A10 , Wipro LL20-111-XXX-65-NE or Surya SLE BT 10).connections as required as per site conditions.	No.	5.00	607.33	Rs. 3,036.65
3	NSE-3	Supply,Installation, testing and commissioning of 300mm length,1x5-6W,LED type light fixture of comprising frame fitted with LED lamp, including driver etc. suitable for wall/ceiling mounted as required as per site consitions(Bajaj: BCLSB 05WH, Goldwyn, Wipro LL20 or Surya SLE BTN T8 5W).connections as required as per site conditions.	No.	44.00	307.90	Rs. 13,547.60
4	NSE-4	Supply,Installation, testing and commissioning of 6W LED fixture, fitted with LED lamp, including driver etc. as required for recess mounting, (Type: Bajaj: BGSLO sleek 6W RD, Goldwyn ,Wipro: LD8-350-XXX-60-XX, Surya: SLE DLR 6W stellar RD). connections as required as per site conditions.	No.	44.00	867.60	Rs. 38,174.40
5	NSE-5	Supply,Installation, testing and commissioning of 12W LED fixture, fitted with LED lamp, including driver etc. as required for recess mounting, (Type: Bajaj: BGSLO sleek 12W RD, Goldwyn,Wipro: LD80-101-XXX-60-XX or Surya SLE DLR 12W stellar RD). connections as required as per site conditions.	No.	90.00	1,323.10	Rs. 1,19,079.00
6	NSE-6	Supply,Installation, testing and commissioning of 15W LED fixture, fitted with LED lamp, including driver etc. as required for recess mounting, (Type: Bajaj: BGSLO sleek 15W SQ, Goldwyn ,Wipro: LD81-131-XXX-60-XX or Surya SLE DLR 15W 6K stellar SQ). connections as required as per site conditions.	No.	5.00	1,453.23	Rs. 7,266.15
7	NSE-7	Supply,Installation, testing and commissioning of 12W LED light fixture fitted with LED lamp including driver etc. as required suitable for ceiling mounting, (Type: Bajaj:BGSLO sleek surface 12 WH RD or Surya SLE DLS 12W 6K stellar RD or Wipro:LD80-101-XXX-60-SM or Goldwyn) . connections as required as per site conditions.	No.	122.00	1,323.10	Rs. 1,61,418.20
8	NSE-8	Supply,Installation, testing and commissioning of 8-10 W LED light fixture fitted with LED lamp including driver etc. as required suitable for ceiling mounting, (Type: Bajaj:BGSLO sleek surface 8 WH SQ or Surya SLE DLS 10W 6K stellar SQ or Wipro or Goldwyn).connections as required as per site conditions.	No.	186.00	867.60	Rs. 1,61,373.60
9	NSE-9	Supply,Installation, testing and commissioning of 6-10W LED bulk head light fixture, fitted with LED lamp, including driver etc. as required for ceiling/wall mounting, (Type: Bajaj:BIBWP 10W LED , Goldwyn : XA 01 11 , Wipro LW03-850-XXX-57-XX, Surya :SLE BLH 10W) connections as required as per site conditions.	No.	41.00	867.60	Rs. 35,571.60
10	NSE-10	Supply,Installation, testing and commissioning of 6-10W LED light fixture fitted with LED lamp including driver etc. as required for wall mounting, (Type: Bajaj / Crompton / Wipro/Goldwyn).connections as required as per site conditions.	No.	32.00	867.60	Rs. 27,763.20
11	NSE-11	Supply,Installation, testing and commissioning of 36-42W weather proof LED fixture, fitted with LED lamp, including driver etc. as required for recess/ceiling mounting, (Type: Bajaj:-BIPC 40WLED, Goldwyn WP01 12 ,Wipro LE20-491-XXX-57-XX, Surya SLE BJPC 218 LED),colour temp 6500K connection as per site conditions.	No.	6.00	6,680.60	Rs. 40,083.60

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
12	NSE-12	Supply,Installation, testing and commissioning of 2-4W, 4 module modular type LED light fixture fitted with LED lamp, including driver etc. as required for recess mounting (Anchor /Crabtree /Legrand),colour temp 3000K connection as per site conditions.	No.	44.00	622.02	Rs. 27,368.88
13	NSE-13	Supply,Installation,testing and commissioning of 30-38W LED (2 feet X 2 feet) light fixture fitted with LED lamp including driver etc. as required suitable for ceiling mounting, (Type: Bajaj:BZSSQL 36W WH or Goldwyn or Wipro: CRCO10SO38HP57G1 or Surya SLE DS 36 22S). connections as required as per site conditions.	No.	2.00	4,511.57	Rs. 9,023.14
14	NSE-14	Supply,Installation, testing and commissioning of 100W LED flood light type luminaire housing shall be of corrosion free, pressure die cast aluminium, comprising of toughened clear front glass, LED chips, mounted on suitable designed aluminium heat sink with high thermal conductivity for better heat dissipation, fitted with integral drivers, stainless steel toggle clips & neoprene/ synthetic rubber gasket lining complying to IP 65 class of protection.(Type: Bajaj: BARFEG 100W LED or Goldwyn XB 01 51 or Wipro LR18-971-XXX-57-XX or Surya SLE FL 100W IP65 LUMOS). connections as required as per site conditions.	No.	2.00	14,555.29	Rs. 29,110.58
15	NSE-15	Supply of Ceiling fan with 1200mm sweep, double ball bearing motor, capacitor, three MS blades die cast Al housing in stove enameled white with, suspension rod including all accessories of (Bajaj/Crompton/Khaitan/Orient) make.(5 star rated)	No.	130.00	2,614.97	Rs. 3,39,946.10
16	NSE-16	Supply and fixing of 400 mm sweep Bracket fan suitable for single phase, 230V, AC supply complete with motor, capacitor mounting brackets, including all accessories swing & speed pull-cord control and of (Bajaj/ Crompton/ Khaitan/ Orient) make including connection as required.	No.	2.00	4,225.26	Rs. 8,450.52
17	NSE-17	Supply of 200 mm sweep Exhaust fan(plastic body) suitable for single phase, 230V,speed preferably in the range of 1350-1450 rpm, AC supply complete with motor, capacitor, louvers, mounting brackets, all accessories of (Bajaj /Crompton /Khaitan /Orient) make.	No.	72.00	2,488.31	Rs. 1,79,158.32
18	NSE-18	Supply of 300 mm sweep Exhaust fan(metal body) suitable for single phase, 230V,speed preferably in the range of 1350-1450 rpm , AC supply complete with motor, capacitor,guard, mounting brackets, all accessories of (Bajaj/Crompton/Khaitan/Orient) make.	No.	23.00	4,154.99	Rs. 95,564.77
19	NSE-19	Supply of 450 mm sweep Exhaust fan(metal body) suitable for single phase, 230V,speed 930-980 rpm, AC supply complete with motor, capacitor,guard, mounting brackets, all accessories of (Bajaj/Crompton/Khaitan/Orient) make.	No.	1.00	4,895.06	Rs. 4,895.06
20	NSE-20	Supply & fixing of 30A Energy saving Key control switch with key tag with delay of 30 sec including modularbase & cover plate, GI box complete as required in recess as required (Make : Havells Oro/ Crabtree Verona/ Anchor/ Legrand)	No.	1.00	2,488.09	Rs. 2,488.09
21	NSE-21	Supply, fixing and testing of 30 pair solderless telephone tag block in 1.6mm thick sheet pre galvanised MS box duly painted by enamel paint on primer coat with hinged and locking arrangement of suitable size for cables including termination of cables etc. complete as required	No.	7.00	792.13	Rs. 5,544.91
22	NSE-22	Supply, fixing and testing of 10 pair solderless telephone tag block in 1.6mm thick sheet pre galvanised MS box duly painted by enamel paint on primer coat with hinged and locking arrangement of suitable size for cables including termination of cables etc. complete as required	No.	2.00	367.00	Rs. 734.00
23	NSE-23	Supply, fixing and testing of 100 pair solderless telephone tag block in 1.6mm thick sheet pre galvanised MS box duly painted by enamel paint on primer coat with hinged and locking arrangement of suitable size for cables including termination of cables etc. complete as required	No.	1.00	1,840.20	Rs. 1,840.20
24	NSE-24	Supplying and drawing of 30 pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	Metre	10.00	41.65	Rs. 416.50

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
25	NSE-25	Supplying and drawing of 10 pair 0.5 sq mm FRLS PVC insulated annealed copper conductor, unarmored telephone cable in the existing surface/ recessed steel/ PVC conduit as required.	Metre	10.00	19.08	Rs. 190.80
26	NSE-26	Supply, Erection, Testing & Commissioning of Meter Board cum Distribution Board shall be metal enclosed, single or double front, indoor type, surface mounting on floor/ wall/ column/ structure mounted with compartmentalized construction type, constructed out of 2.0 mm thick CRCA sheet steel frame, 1.6mm thick doors and covers with provision for installing Smart Energy meters inside the panel. The door shall be hinged with locking arrangement, gasketed operated to construction enclosure class IP 52, painting by stoved lead oxide primer coating primer with electrostatic powder paint RAL 9002 with thickness 60 microns complete with top / bottom removable gland plates(3.0mm) as required double compression type cable gland, earth bus, complete with all inter connections, internal wiring, TPN aluminium bus bars in convenient sections as suitable for 415 volts, 3 phase, 50 Hz and circuit diagram fitted inside of the door etc complete with AmMetre, Volt Metre selector switch for AmMetre & VoltMetre instrument fuses CTs .		-		Rs. -
	a	INCOMER: 125 Amp / 440 Volts,16KA, TPN, MCCB - 01 No Volt metre with selector switch Ameter with selector switch & CTs indicating lamps with fuses. BASBAR : 160 Amp 16KA,TPN AL - 1 set Meter cubicles with 3Phase direct connected smart energy metre (accuracy class 0.5S) - 06 Nos. OUTGOING: (i) 32 Amp TPN MCB - 07 Nos. indicating lamps with fuses	No.	2.00	56,341.68	Rs. 1,12,683.36
	b	INCOMER: 250 Amp / 440 Volts,25KA TP MCCB - 01 No Volt metre with selector switch Ameter with selector switch & CTs 3Phase LT CT Operated smart energy metre (accuracy class 0.5S) including necessary CT - 1 No. indicating lamps with fuses BASBAR : 300Amp,25KA,TPN AL - 1 set OUTGOING: (i) 160Amp,16KA,TP, MCCB - 04 Nos. (ii) 63Amp TPN MCB - 04 Nos. indicating lamps with fuses	No.	-	27,162.25	Rs. -
27	NSE-27	Supply, laying, testing and commissioning of 1.1KV grade, FRLS, XLPE insulated, PVC sheathed, un-armoured,Aluminium conductor cable as per IS-7098 (Part-1)		-		Rs. -
		3.5CX70Sqmm	Metre	50.00	621.21	Rs. 31,060.50
28	NSE-28	Supplying and fixing following rating, three pole, 415 volts, MCB,16KA, in the existing MCB DB complete with connections, testing and commissioning etc. as required. "C" curve		-		Rs. -
	a	40 amps	Each	1.00	1,975.54	Rs. 1,975.54
	b	63 amps	Each	5.00	2,577.66	Rs. 12,888.30
29	NSE-29	Supplying and fixing call bell/ buzzer suitable for single phase, 230 volts, complete as required.(Ding-Dong type)	Each	60.00	216.90	Rs. 13,014.00
31	NSE-31	Portable hand held meter reading instrument compatible with energy meter with non-contact type optical port including software as per technical specification.	No.	1.00	87,448.96	Rs. 87,448.96
TOTAL VALUE SCHEDULE-II : INTERNAL ELECTRIFICATION WORKS						Rs. 16,81,562.01

SCHEDULE-IV : EXTERNAL WATER SUPPLY NETWORK						
1		Material- CI Type- Gate Standard- IS-14846 PN 1.0/BS-5150 PN-10 Operation- Manual Size nb (mm)- 100 End- Flanged Isolation purpose	Each	2.00	9,813.64	Rs. 19,627.28
2		Material- CI Type- Gate Standard- IS-14846 PN 1.0/BS-5150 PN-10 Operation- Manual Size nb (mm)- 80 End- Flanged Isolation purpose	Each	4.00	8,394.47	Rs. 33,577.88
3		Material- CI Type- Air release valve Standard- IS-14845, PN- 1.0 Operation- Automatic Size nb (mm)- 50 End- Flanged Double orifice type	Each	2.00	16,788.94	Rs. 33,577.88

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
4		Material- GM Type- Gate Standard- IS-14846, PN- 1.0 Operation- Manual Size nb (mm)- 50 End- Flanged ARV isolation	Each	2.00	7,568.01	Rs. 15,136.02
5		Material- GM Type- Globe Standard- IS-778 CL. 2/BS-5154 PN-16 Operation- Manual Size nb (mm)- 50 End- Screwed Drain/ isolation valves	Each	1.00	2,727.38	Rs. 2,727.38
6		Material- GM Type- Globe Standard- IS-778 CL. 2/BS-5154 PN-16 Operation- Manual Size nb (mm)- 25 End- Screwed Drain/ vents	Each	1.00	1,678.89	Rs. 1,678.89
7		Material- GM Type- Globe Standard- IS-778 CL. 2/BS-5154 PN-16 Operation- Manual Size nb (mm)- 15 End- Screwed Drain/ vents	Each	1.00	1,343.12	Rs. 1,343.12
TOTAL VALUE SCHEDULE- IV : EXTERNAL WATER SUPPLY NETWORK PART- A : VALVES						Rs. 1,07,668.45

SCHEDULE- IV: EXTERNAL WATER SUPPLY PART- B : PIPES & FITTINGS					-	-
1.1		IS-1239 GR. HEAVY / ASTM-A 53 TYPE E GR. B/ANSI B 36.10, Galvanised O.D. 114.3 Thickness- 5.4 Line- DW Size- 100			-	-
1.1a		Above Ground including trench laid pipes	Meter	25.00	800.67	Rs. 20,016.75
1.1b		Underground (Buried)	Meter	100.00	800.67	Rs. 80,067.00
1.2		IS-1239 GR. HEAVY / ASTM-A 53 TYPE E GR. B/ANSI B 36.10, Galvanised O.D. 88.9 Thickness- 4.85 Line- DW Size- 80			-	-
1.2a		Above Ground including trench laid pipes	Meter	25.00	743.48	Rs. 18,587.00
1.2b		Underground (Buried)	Meter	250.00	743.48	Rs. 1,85,870.00
1.3		IS-1239 GR. HEAVY / ASTM-A 53 TYPE E GR. B/ANSI B 36.10, Galvanised O.D. 60.3 Thickness- 3.91 Line- DW Size- 50			-	-
1.3a		Above Ground including trench laid pipes	Meter	25.00	571.91	Rs. 14,297.75
1.3b		Underground (Buried)	Meter	25.00	571.91	Rs. 14,297.75
1.4		IS-1239 GR. HEAVY / ASTM-A 53 TYPE E GR. B/ANSI B 36.10, Galvanised O.D. 33.4 Thickness- 3.38 Line- DW Size- 25			-	-
1.4a		Above Ground including trench laid pipes	Meter	10.00	400.33	Rs. 4,003.30
1.4b		Underground (Buried)	Meter	10.00	400.33	Rs. 4,003.30
1.5		IS-1239 GR. HEAVY / ASTM-A 53 TYPE E GR. B/ANSI B 36.10, Galvanised O.D. 21.3 Thickness- 3.25 Line- DW Size- 15			-	-
1.5a		Above Ground including trench laid pipes	Meter	10.00	285.95	Rs. 2,859.50
1.5b		Underground (Buried)	Meter	10.00	285.95	Rs. 2,859.50
TOTAL VALUE SCHEDULE- IV EXTERNAL WATER SUPPLY NETWORK PART- B : PIPES & FITTINGS						Rs. 3,46,861.85

**SCHEDULE IV EXTERNAL WATER SUPPLY NETWORK
Part C - Sewage Pumps**

S No.	DSR 2016	Description of Item	Unit	Qty	Rate	Amount
1		Raw Sewage submersible Pumps (non-clog) along with drive motor,	Nos	2.00	1,03,382.42	Rs. 2,06,764.84
1.1		Pipe,200NB	Meter	12.00	700.35	Rs. 8,404.20
1.2		Butterfly Valve(Manual),200NB	Nos	2.00	9,036.91	Rs. 18,073.82
1.3		NRV,200NB	Nos	2.00	11,640.12	Rs. 23,280.24
Total value of Schedule -V : Part C - Sewage Pumps						Rs. 2,56,523.10

Total Amount

Rs. 2,72,44,081.78

NOTES- Schedule -IV: Part B: Pipes & Fittings :	
1.0	Quantity of pipes have been indicated in running meters of AS-ERECTED pipe length. No allowance for wastage for cutting, welding, edge-preparation, etc. shall be given. Hence, the rates quoted shall include this aspect.
2.0	Straight length of pipes include all flanges, specialties, bends, tees, reducers, expanders, pipe hanger/supports and all other fittings/attachments including surface preparation and painting, etc. as per SCOPE which are required for the completion of piping system.
3.0	In case of pipes to be buried, the excavation, preparation of bed, backfilling with compaction of soil, suitable coating and wrapping of pipe is included in the scope of Bidder. The pipes shall generally be laid 1.0m below the ground level.
4.0	Providing P.C.C. thrust blocks and pedestals etc. wherever required, making of brick masonry chambers for valves as per requirements shall be in the scope of Bidder. P.C.C. thrust blocks, pedestals and Brick masonry chambers of adequate size and mix shall be provided and constructed as per relevant CPWD Specifications. Only PCC for thrust blocks and pedestals & brick masonry chambers for valves shall be paid under relevant DSR 2016 items in SCHEDULE - I: Civil Works. Necessary excavation, preparation of bed, backfilling with soil and compaction of soil are included in the scope of bidder at no extra cost.
5.0	Thickness of fittings in no case shall be less than that of parent pipe.
6.0	The thickness as mentioned above in the B.O.Q, are the minimum specified nominal thickness. Tolerance shall be applicable on the above-mentioned thickness as per the provisions of respective codes.
7.0	No cement-mortar protective lining on either inside wall or outside wall shall be provided for the steel pipes. However, other protective coatings, paintings etc. on outside and inside as applicable as per the Technical Specification shall be provided by the bidder.
8.0	The rates shall be inclusive of Supply, Transportation, all Insurances, Erection, Testing, Commissioning etc. as per Scope.
9.0	Galvanized underground pipes shall also be provided with anti-corrosive protection as per specification for external surface.
10.0	At road crossings, NP-3 RCC pipes of suitable diameters will be provided and paid separately under relevant items of civil works. For laying of RCC pipes, necessary excavation, preparation of bed, back-filling with soil and compacting soil shall be paid separately under relevant DSR 2016 items in schedule of Civil Works. Water supply pipe lines passing through the