

COMPERATIVE STATEMENT

Construction of new toilet block (Male Female PRMS) in airside operational area at M.P. airport, Udaipur

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
						Rate	Amount	Rate	Amount
1	Preparation and submitting of structural design & drawing for the proposed construction of R.C.C public toilet block i/c soil investigation of the site for design purpose. The structural design and drawing shall be done by a structural consultant. The contractor shall submit the design and drawing after vetting from IIT/NIT or any other govt. engineering college. The fee/charges for vetting shall be paid by the contractor. In case any clarification/ alteration in design is made by Engineer-in-charge, it will be made by the consultant for which nothing shall be paid extra. After approval of structural design & drawing 5(Five) set of good for construction design & drawing showing all relevant details shall be submitted duly signed by consultant. Note :- The contractor shall appoint the consultant for soil investigation and structural design with prior approval of Engineer-in-charge.	Each	1.00		0	45000.00	45000.00	22000.00	22000.00
2	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil.	cum	410.00		0	127.00	52070.00	160.00	65600.00
3	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials. All kinds of soil	Cum.	270.00		0	50.00	13500.00	320.00	86400.00
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone Aggregate 40 mm nominal size)	Cum	45.00		0	4000.00	180000.00	5800.00	261000.00
5	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 40 mm nominal size)	Cum	42.00		0	4800.00	201600.00	7299.00	306558.00
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III): 3 graded stone aggregate 20 mm nominal size)	Cum.	17.00		0	200.00	3400.00	7500.00	127500.00
7	Centering and shuttering including strutting, propping etc. and removal of form for : Foundations, footings, bases of columns, etc. for mass concrete	sqm	60.00		0	200.00	12000.00	280.00	16800.00
8	Centering and shuttering including strutting, propping etc. and removal of form for : Suspended floors, roofs, landings, balconies and access platform	sqm	137.00		0	200.00	27400.00	650.00	89050.00

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9	Centering and shuttering including strutting, propping etc. and removal of form for : Lintels, beams, plinth beams, girders, bressumers and cantilevers	sqm	90.00		0	200.00	18000.00	530.00	47700.00
10	Centering and shuttering including strutting, propping etc. and removal of form for : Columns, Pillars, Piers, Abutments, Posts and Struts	sqm	100.00		0	200.00	20000.00	750.00	75000.00
11	Centering and shuttering including strutting, propping etc. and removal of form for : Extra for shuttering in circular work (20% of respective centering and shuttering items)	sqm	10.00		0	200.00	2000.00	2600.00	26000.00
12	Centering and shuttering including strutting, propping etc. and removal of form for : Small lintels not exceeding 1.5 m clear span, moulding as in cornices, window sills, string courses, bands, copings, bed plates, anchor blocks and the like	sqm	20.00		0	200.00	4000.00	280.00	5600.00
13	Centering and shuttering including strutting, propping etc. and removal of form for : Edges of slabs and breaks in floors and walls Under 20 cm wide	sqm	70.00		0	200.00	14000.00	600.00	42000.00
14	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	1700.00		0	85.00	144500.00	85.00	144500.00
15	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum.	9.00		0	4000.00	36000.00	8000.00	72000.00
16	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	Cum.	310.00		0	50.00	15500.00	210.00	65100.00
17	Carriage of materials by Mechanical Transport including loading,unloading and stacking upto 3 kms. Earth	Cum.	100.00		0	100.00	10000.00	100.00	10000.00
18	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 : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	Cum.	5.00		0	5500.00	27500.00	9000.00	45000.00
19	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	Cum	23.00		0	5500.00	126500.00	9000.00	207000.00

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20	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	2800.00		0	85.00	238000.00	85.00	238000.00
21	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	10.00		0	5000.00	50000.00	6100.00	61000.00
22	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 : Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	24.00		0	5000.00	120000.00	5300.00	127200.00
23	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. Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm	31.00		0	600.00	18600.00	950.00	29450.00
24	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	31.00		0	200.00	6200.00	90.00	2790.00
25	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., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	Cum	2.00		0	10000.00	20000.00	9300.00	18600.00
26	Providing gola 75x75 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 : In 75x75 mm deep chase	metre	45.00		0	200.00	9000.00	220.00	9900.00
27	Making khurras 45x45 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 P.V.C. sheet 1 m x1 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	3.00		0	1000.00	3000.00	300.00	900.00

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28	Providing and laying integral cement based water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25 mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs. (c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineerin-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a	Sqm	125.00		0	572.00	71500.00	1300.00	162500.00
29	Providing and fixing soil, waste and vent pipes : 100 mm dia Sand cast iron S&S pipe as per IS: 1729	metre	40.00		0	1200.00	48000.00	200.00	8000.00
30	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 15 mm nominal outer dia Pipes	metre	100.00		0	200.00	20000.00	310.00	31000.00
31	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 20 mm nominal outer dia Pipes	metre	100.00		0	250.00	25000.00	330.00	33000.00

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32	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 25 mm nominal outer dia Pipes	metre	100.00		0	400.00	40000.00	600.00	60000.00
33	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 40 mm nominal outer dia Pipes	metre	25.00		0	600.00	15000.00	800.00	20000.00
34	12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)	Sqm	210.00		0	200.00	42000.00	220.00	46200.00
35	15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand)	Sqm	160.00		0	200.00	32000.00	330.00	52800.00
36	6 mm cement plaster of mix : 1:3 (1 cement : 3 fine sand)	Sqm	150.00		0	200.00	30000.00	200.00	30000.00
37	Extra for plastering on circular work not exceeding 6 m in radius: In one coat	Sqm	6.00		0	250.00	1500.00	500.00	3000.00
38	Providing and laying vitrified matt finish floor 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 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete Size of Tile 600x600 mm	Sqm	60.00		0	1000.00	60000.00	1150.00	69000.00
39	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge. Polished Granite stone slab jet Black, Cherry Red, Elite Brown, Cat Eye or equivalent.	Sqm	23.00		0	3500.00	80500.00	2300.00	52900.00

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40	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete Size of Tile 600x600 mm	Sqm	120.00		0	972.00	116640.00	1500.00	180000.00
41	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	Sqm	400.00		0	50.00	20000.00	130.00	52000.00
42	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	400.00		0	80.00	32000.00	650.00	260000.00
43	Finishing walls with Acrylic Smooth exterior paint of required shade : New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	Sqm	228.00		0	60.00	13680.00	140.00	31920.00
44	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification. Two or more coats on new work	Sqm	172.00		0	50.00	8600.00	150.00	25800.00
45	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	Sqm	50.00		0	572.00	28600.00	750.00	37500.00
46	Chequered terrazo tiles 22 mm thick with graded marble chips of size up to 6 mm in floors, jointed with neat cement slurry mixed with pigment to match the shade of the tiles, including rubbing and polishing complete, on 20 mm thick bed of cement mortar 1:4 (1 cement :4 coarse sand) : Light shade pigment using white cement	Sqm	8.00		0	1000.00	8000.00	450.00	3600.00

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47	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	kg	173.00		0	560.00	96880.00	300.00	51900.00
48	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required: White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	each	2.00		0	4000.00	8000.00	3500.00	7000.00
49	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & 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, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid	each	4.00		0	10000.00	40000.00	3500.00	14000.00
50	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : Range of three urinal basins with 10litre white P.V.C. automatic flushing cistern	each	1.00		0	5000.00	5000.00	3500.00	3500.00
51	Providing and fixing stone slab with table rubbed, edges rounded and polished, of size 75x50 cm deep and 1.8 cm thick, fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth. Granite Stone of approved shade	Sqm	1.20		0	4000.00	4800.00	3545.00	4254.00

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52	Providing and fixing wash basin with C.I. brackets, 15 mm 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 require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap	each	1.00		0	5000.00	5000.00	3500.00	3500.00
53	Providing and fixing wash basin with C.I. brackets, 15 mm 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 require: White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap	each	6.00		0	5000.00	30000.00	3400.00	20400.00
54	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, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels. Granite of any colour and shade Area of slab over 0.50 sqm	Sqm	4.00		0	3000.00	12000.00	3555.00	14220.00
55	Providing edge moulding to 18 mm 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. Granite work	metre	5.00		0	200.00	1000.00	420.00	2100.00
56	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	each	6.00		0	1000.00	6000.00	810.00	4860.00
57	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to Eueropean type W.C. of quality and make as approved by Engineer - in - charge.	each	6.00		0	1500.00	9000.00	850.00	5100.00
58	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	each	6.00		0	1000.00	6000.00	3541.00	21246.00
59	Providing and fixing 100 mm sand cast Iron grating for gully trap.	each	3.00		0	100.00	300.00	6255.00	18765.00
60	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	1.00		0	1000.00	1000.00	2500.00	2500.00

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61	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm	each	3.00		0	800.00	2400.00	600.00	1800.00
62	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 1500x450 mm	each	1.00		0	1500.00	1500.00	1000.00	1000.00
63	Providing and fixing toilet paper holder : C.P. brass	each	6.00		0	500.00	3000.00	350.00	2100.00
64	Providing and fixing plain bend of required degree. 100 mm dia Sand cast iron S&S as per IS - 1729	each	20.00		0	500.00	10000.00	600.00	12000.00
65	Providing and fixing double equal plain junction of required degree. 100x100x100x100 mm Sand cast iron S&S as per IS - 1729	each	10.00		0	1000.00	10000.00	900.00	9000.00
66	Providing and fixing single equal plain junction of required degree : 100x100x100 mm Sand cast iron S&S as per IS - 1729	each	10.00		0	1000.00	10000.00	800.00	8000.00
67	Providing and fixing PTMT liquid soap container 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour, weighing not less than 105 gms.	each	6.00		0	600.00	3600.00	2500.00	15000.00
68	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms	each	3.00		0	700.00	2100.00	855.00	2565.00
69	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 : 15 mm nominal bore	each	6.00		0	800.00	4800.00	500.00	3000.00
70	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms. 15 mm nominal bore	each	2.00		0	1000.00	2000.00	900.00	1800.00
71	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931. 15 mm nominal bore	each	5.00		0	800.00	4000.00	500.00	2500.00
72	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore	each	12.00		0	800.00	9600.00	3000.00	36000.00
73	Providing and fixing PTMT Ball cock of approved quality, colour and make complete with Epoxy coated aluminium rod with L.P./ H.P.H.D. plastic ball. 25 mm nominal bore, 152mm long, weighing not less than 440 gms	each	1.00		0	400.00	400.00	1500.00	1500.00

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74	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 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.	per litre	2000.00		0	8.00	16000.00	15.00	30000.00
75	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 10 mm gap for thermal expansion, (i) Single socketed pipes. 110 mm diameter	meter	20.00		0	400.00	8000.00	250.00	5000.00
76	Providing and fixing to the inlet mouth of rain water pipe cast iron grating 15 cm diameter and weighing not less than 440 grams.	each	3.00		0	1000.00	3000.00	60.00	180.00
77	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 10 mm gap for thermal expansion. Coupler 110 mm	each	3.00		0	500.00	1500.00	220.00	660.00
78	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 10 mm gap for thermal expansion. Single pushfit Coupler 110 mm	each	3.00		0	400.00	1200.00	110.00	330.00
79	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 10 mm gap for thermal expansion. Single tee with door 110 mm	each	3.00		0	300.00	900.00	210.00	630.00
80	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 10 mm gap for thermal expansion. Single tee without door 110 mm	each	3.00		0	500.00	1500.00	190.00	570.00
81	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 10 mm gap for thermal expansion. Bend 87.5° 110 mm	each	6.00		0	500.00	3000.00	135.00	810.00
82	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 10 mm gap for thermal expansion. Shoe (Plain) 110 mm	each	3.00		0	500.00	1500.00	120.00	360.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
						Rate	Amount	Rate	Amount
83	Providing and fixing tiled false ceiling of specified materials of size 595x595 mm in true horizontal level, suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 grams/sqm, both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38 mm made from 0.30 mm thick (minimum) sheet, spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to center to form a grid of 1200x600 mm and secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick (minimum) sheet to be interlocked at middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of size 24x24x0.3 mm and laying false ceiling tiles of approved texture in the grid including, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27 x 37 x 25 x1.6 mm fixed to ceiling with 12.5 mm dia and 50 mm long dash fasteners, 4 mm GI adjustable rods with galvanised butterfly level clips of size 85 x 30 x 0.8 mm spaced at 1200 mm center to center along main T, bottom	Sqm	60.00		0	2100.00	126000.00	200.00	12000.00
84	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) : For fixed portion : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	100.00		0	500.00	50000.00	350.00	35000.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
						Rate	Amount	Rate	Amount
85	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) : 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 EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	80.00		0	500.00	40000.00	499.00	39920.00
86	Providing and fixing 12 mm thick prelaminated particle board flat pressed three layer or graded wood particle board conforming to IS: 12823 Grade I Type II, in panelling fixed in aluminum doors, windows shutters and partition frames with C.P. brass / stainless steel screws etc. complete as per architectural drawings and directions of engineerin- charge. Pre-laminated particle board with decorative lamination on one side and balancing lamination on other side	Sqm	10.00		0	800.00	8000.00	2100.00	21000.00
87	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to frame with 10 mm diameter bolts, nuts and wooden plugs and embedding in cement concrete block 30x10x15cm 1:3:6 mix (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size).	Each	30.00		0	200.00	6000.00	200.00	6000.00
88	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 300x10 mm	each	5.00		0	100.00	500.00	120.00	600.00
89	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete : 300x16 mm	each	5.00		0	200.00	1000.00	260.00	1300.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
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90	Providing and fixing ISI marked aluminium butt hinges anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour or shade with necessary screws etc. complete: 100x75x4 mm	each	21.00		0	100.00	2100.00	110.00	2310.00
91	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete : 125 mm	each	10.00		0	100.00	1000.00	70.00	700.00
92	Providing and fixing aluminium hanging floor door stopper, 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. Single rubber stopper	each	3.00		0	50.00	150.00	40.00	120.00
93	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), with necessary accessories and screws etc. complete.	each	3.00		0	1000.00	3000.00	1100.00	3300.00
94	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. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works.	Kg.	500.00		0	80.00	40000.00	130.00	65000.00
95	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : Two or more coats on new work.	Sqm	50.00		0	100.00	5000.00	200.00	10000.00
96	Providing & fixing floor mounted Toilet Cubicals with door of merino make or equivalent , Pilaster and divider of 12 mm thick board both side decorative compact laminated of required colour, shade. As required including stainless steel accessories (SS-304 grade) like top rail, door knob, thumb turn and Occupancy indicator, twin coat hook, door stooper, adjustable legs, spring loaded butt hinges with cover, foot sliding latch with indicator PVC wall plugs and locking arrangement, SS Channels etc as desired. all complete as per drawing and direction of EIC. (Cubical size= Width(W)=1300 to 1500mm, Depth(D)=1500mm , Height(H)= 2100mm(Including bottom Gap of 100mm), Door size = 1925mm(H)X600mm(W))	each	7.00		0	36000.00	252000.00	6000.00	42000.00
97	Providing & fixing Wall mounted urinal partitions of merino make or equivalent ,Size 500mmx1200mm with 12 mm thick board compact laminated of required colour, shade. As required including stainless steel accessories (SS-304 grade) like right angle brackets, SS screws, PVC wall plugs, etc as desired. all complete as per drawing and direction of EIC. (UMP Size= Width(W)=500mm, Height(H)= 1850mm(Including bottom Gap of 650mm))	each	2.00		0	14000.00	28000.00	2500.00	5000.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
						Rate	Amount	Rate	Amount
98	Supply of 15 W, 1'x1' size, surface mounted, LED light fitting made up of extruded alluminium/ CRCA/ standard alloy housing and including all standard accessories like approved make LEDs, integrated electronic driver, mounting arrangement etc. and suitable for use on 230 volts, 50 Hz, single phase, AC supply complete as required as per technical specifications.	Each	38.00		0	2900.00	110200.00	1250.00	47500.00
99	Supply of 10 W, wall mounted, LED mirror light fitting made up of alluminium/ CRCA/ standard alloy housing and including all standard accessories like approved make LEDs, integrated electronic driver, mounting arrangement etc. and suitable for use on 230 volts, 50 Hz, single phase, AC supply complete as required as per technical specifications.	Each	7.00		0	500.00	3500.00	2500.00	17500.00
100	Supply of heavy duty Exhaust Fan of 300 mm dia. sweep, 900 rpm speed suitable for use on 230 volts, 50 Hz, single phase, A.C. supply as required.	Each	4.00		0	2500.00	10000.00	450.00	1800.00
101	Supply of louver for 300 mm heavy duty exhaust fan supplied under above item and including all required standard accessories etc. complete as required.	Each	4.00		0	600.00	2400.00	900.00	3600.00
102	Supply of 4 x 10 sqmm, 1.1 KV grade, XLPE insulated, PVC sheathed, armoured, aluminium conductor power cable confirms to IS 7098 (part - 1) with up to date amendments etc complete as required.	Meter	100.00		0	200.00	20000.00	120.00	12000.00
103	Supply, installation, testing and commissioning of water cooler made of stainless steel body and having 80 Ltr. storage capacity, 60 Ltr./hr cooling capacity and consist of compressure, motor, refrigerant gas, thermostate, water taps etc. as per OEM standard and suitable for operation on 230 V, 50 Hz single phase AC supply complete as required as per technical specifications.	Each	1.00		0	45000.00	45000.00	20000.00	20000.00
104	Supply, installation, testing and commissioning of industrial type 100 LPH RO water purifier consisting of raw water pump, sand filter, carbon filter, high presure pump, RO membrane and all other standard accessories like presure gauges, flow meter, micro controler based automation panel board with provision of low & high presure safety, water level sensor, CPVC piping, mounting arrangement etc. complete as required as per technical specification.	Each	1.00		0	75000.00	75000.00	17200.00	17200.00
105	Supply of 500 Ltr capacity, three layer proof, anti bacterial with heat reflective technology, food grade plastic, storage Loft tank having locking and cleaning arrangement, float valve etc. and fixing the tank on existing foundation including attachment with water purifier with CPVC piping etc. complete as per site requirement and technical specifications.	Each	1.00		0	5500.00	5500.00	3000.00	3000.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
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106	Laying of 120 mm dia (OD-120 mm & ID-103 mm nominal) size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc. direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required. (Pipe shall be supplied by the AAI, Udaipur Airport)	Meter	60.00		0	120.00	7200.00	150.00	9000.00
107	Laying of one number PVC insulated and PVC sheathed/ XLPE power cable of 1.1 KV grade of size upto 35 sq. mm in the existing RCC/ HUME/ METAL/ PVC Conduit/ HDPE pipe as required.	Meter	60.00		0	25.00	1500.00	180.00	10800.00
108	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on cable tray as required. Upto 35 sq. mm (clamped with 1mm thick saddle)	Meter	30.00		0	25.00	750.00	180.00	5400.00
109	Supplying and making end termination with aluminium lugs for 4 X 10 sq. mm (25 mm) size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 kV grade as required.luminium conductor cable of 1.1 kV grade as required.	Each	2.00		0	180.00	360.00	2400.00	4800.00
110	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.	Point	45.00		0	1200.00	54000.00	422.00	18990.00
111	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	Meter	250.00		0	327.00	81750.00	35.00	8750.00
	Wiring for circuit/ submain wiring alongwith earth wire with the 2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	Meter	50.00		0	272.00	13600.00	230.00	11500.00
	Supplying and fixing 5/6 A modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	Each	4.00		0	100.00	400.00	16522.00	66088.00
	Supplying and fixing 3 pin 5/6 A socket outlet modular switch/ socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.	Each	4.00		0	150.00	600.00	1120.00	4480.00
	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 15/16 amps modular socket outlet and 15/16 amps modular switch, connection, painting etc. as required.	Each	8.00		0	650.00	5200.00	1200.00	9600.00

Sr. No.	Description Of Item	Unit	Qty.	Rate	Amount	M/S Lok Shail Enterprises, Jaipur		M/s shree DharmRaj construction, udaipur	
						Rate	Amount	Rate	Amount
	Installation, Testing and Commissioning of prewired LED light fitting complete with all accessories etc. directly on ceiling / wall, including connection with 1.5 sq.mm FRLS PVC insulated, copper conductor, single core cable and earthing etc. as required.	Each	41.00		0	80.00	3280.00	900.00	36900.00
	Installation of exhaust fan upto 300 mm sweep in the existing opening, including making good the damage, connection, testing, commissioning etc. as required.	Each	4.00		0	300.00	1200.00	600.00	2400.00
	Extra for fixing the louvers/ shutters complete with frame for a exhaust fan of all sizes.	Each	4.00		0	150.00	600.00	700.00	2800.00
	Supplying and fixing 6 way (4 + 18), Double door prewired TPN MCB DB of steel sheet for 415 volts on surface/ recess complete with loose wire box, terminal connectors for all incoming and outgoing circuits, duly prewired with suitable size FR PVC insulated copper conductor up to terminal blocks, tinned copper bus bar, neutral link, earth bar, din bar, detachable gland plate, interconnections, powder painted including earthing etc. as required. (But without MCB/ RCCB/ Isolator).	Job	1.00		0	5000.00	5000.00	10000.00	10000.00
	Supplying and fixing of 5 Amps to 32 Amps rating, 240 Volts, "C" curve, MCB suitable for inductive load of Single Pole in the existing MCB DB complete with Connections, testing and commissioning etc. as required.	Each	18.00		0	300.00	5400.00	700.00	12600.00
	Supplying and fixing 63 A rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.	Each	1.00		0	1200.00	1200.00	5000.00	5000.00
	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	2.00		0	6000.00	12000.00	2000.00	4000.00
	Providing and laying earth connection from earth electrode with 6 SWG dia G.I. Wire in 15 mm dia G.I. pipe from earth electrode including connection with G.I. thimble excavation and re-filling as required.	Meter	10.00		0	272.00	2720.00	2500.00	25000.00
				Total =	3975775.85		3466880.00		4284976.00