

COCHIN PORT AUTHORITY
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Tender No: T6/T-2035/2024 -C Date: 13/11/2024 (PRICE BID)

**Name of Work: "RENOVATION OF TOILETS AT VARIOUS OFFICES/REST ROOMS AT COCHIN PORT AUTHORITY".
 SCHEDULE- A- SCHEDULE OF QUANTITIES TO BE DONE ON CONTRACT**

Please Enter the Contractor Name							
Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
PART A. CIVIL ENGINEERING DEPARTMENT							
A1	NORTH END CIVIL SECTION						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	130.47	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.For thickness of tiles 10 mm to 25 mm sqm including cost of labour, tools, equipments etc.complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	M ²	74.54	Rupees Seventy Four and Fifty Four Paise Only	149.09	Rupees One Hundred Forty Nine and Eight Paise Only
3	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	2.00	M ²	3396.58	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	6793.16	Rupees Six Thousand Seven Hundred Ninety Three and Sixteen Paise Only
4	Grouting the joints of flooring tiles of size 1000x1000 mm sqm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	2.00	M ²	186.66	Rupees One Hundred Eighty Six and Sixty Six Paise Only	373.33	Rupees Three Hundred Seventy Three and Thirty Two Paise Only
5	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:G.S. Sheet sqm complete including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	51.00	M ²	165.67	Rupees One Hundred Sixty Five and Sixty Six Paise Only	8449.02	Rupees Eight Thousand Four Hundred Forty Nine and One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
6	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	M ²	362.66	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	1813.30	Rupees One Thousand Eight Hundred Thirteen and Twenty Nine Paise Only
7	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 including all material, labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer In Charge.	150.00	Kg	138.28	Rupees One Hundred Thirty Eight and Twenty Eight Paise Only	20742.35	Rupees Twenty Thousand Seven Hundred Forty Two and Thirty Four Paise Only
8	Providing and fixing roofing with oralum or equivalent coloured Aluminium sheet 0.56mm thick including Jbolts, L hooks, washers and self drilling screws wherever necessary including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	51.00	M ²	753.80	Rupees Seven Hundred Fifty Three and Eighty Paise Only	38443.80	Rupees Thirty Eight Thousand Four Hundred Forty Three and Eighty Paise Only
9	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	M ²	24.80	Rupees Twenty Four and Eighty Paise Only	1240.12	Rupees One Thousand Two Hundred Forty and Twelve Paise Only
10	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	M ²	81.54	Rupees Eighty One and Fifty Four Paise Only	4077.12	Rupees Four Thousand Seventy Seven and Twelve Paise Only
11	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	M ²	154.79	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	7739.73	Rupees Seven Thousand Seven Hundred Thirty Nine and Seventy Three Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Finishing walls with Two or more coats of 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives applied @ 1.43 litre/10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm.This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	M ²	198.69	Rupees One Hundred Ninety Eight and Sixty Nine Paise Only	9934.58	Rupees Nine Thousand Nine Hundred Thirty Four and Fifty Eight Paise Only
13	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	6776.00	Rupees Six Thousand Seven Hundred Seventy Six Only
14	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
15	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
16	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
17	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	968.32	Rupees Nine Hundred Sixty Eight and Thirty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
18	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
SUB TOTAL A1						117354.69	
A2	CHIEF ENGINEER'S OFFICE						
A2a	FIRST FLOOR LADIES TOILET						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge. including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	1192.69	Rupees One Thousand One Hundred Ninety Two and Sixty Nine Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	41.00	M ²	53.00256	Rupees Fifty Three Only	2173.10	Rupees Two Thousand One Hundred Seventy Three and Ten Paise Only
4	Plastering with cement mortar 1:4, 12 mm thick on masonry surfaces, trowelled hard including scaffolding, curing etc. complete as per detailed specifications and directions of the Engineer-in-Charge. 12 mm cement plastering of cement mortar 1:4 (1 cement: 4 coarse sand)	41.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	14869.05	Rupees Fourteen Thousand Eight Hundred Sixty Nine and Five Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
5	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., 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.) including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	30.00	M ²	632.769024	Rupees Six Hundred Thirty Two and Seventy Six Paise Only	18983.07	Rupees Eighteen Thousand Nine Hundred Eighty Three and Seven Paise Only
6	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	40.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	135863.23	Rupees One Lakh Thirty Five Thousand Eight Hundred Sixty Three and Twenty Two Paise Only
7	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	43.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	8026.56	Rupees Eight Thousand Twenty Six and Fifty Five Paise Only
8	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Nos	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	289.61	Rupees Two Hundred Eighty Nine and Sixty One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
9	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	5543.66	Rupees Five Thousand Five Hundred Forty Three and Sixty Six Paise Only
10	Providing and fixing to existing door frames 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.50	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	16482.00	Rupees Sixteen Thousand Four Hundred Eighty One and Ninety Nine Paise Only
11	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	200.00	Rupees Two Hundred Only	600.00	Rupees Six Hundred Only
12	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	3044.93	Rupees Three Thousand Forty Four and Ninety Two Paise Only
13	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	1629.00	Rupees One Thousand Six Hundred Twenty Nine Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
14	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	1221.00	Rupees One Thousand Two Hundred Twenty One Only
15	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	3388.00	Rupees Three Thousand Three Hundred Eighty Eight Only
16	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
17	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
18	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	2904.96	Rupees Two Thousand Nine Hundred Four and Ninety Six Paise Only
19	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	751.00	Rupees Seven Hundred Fifty One Only
20	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	177.35472	Rupees One Hundred Seventy Seven and Thirty Five Paise Only	532.06	Rupees Five Hundred Thirty Two and Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
21	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	2264.23	Rupees Two Thousand Two Hundred Sixty Four and Twenty Two Paise Only
22	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. Complete as directed by the Engineer-in-Charge including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	150.00	Rupees One Hundred Fifty Only	450.00	Rupees Four Hundred Fifty Only
23	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	2.00	Each	3411.801968	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	6823.60	Rupees Six Thousand Eight Hundred Twenty Three and Sixty Paise Only
24	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. For fixed portion- Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	5.00	Kgs	576.165008	Rupees Five Hundred Seventy Six and Sixteen Paise Only	2880.83	Rupees Two Thousand Eight Hundred Eighty and Eighty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
25	Providing and fixing glazing with float glass panes of 4mm thickness 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.	1.00	M ²	1358.496384	Rupees One Thousand Three Hundred Fifty Eight and Forty Nine Paise Only	1358.50	Rupees One Thousand Three Hundred Fifty Eight and Forty Nine Paise Only
26	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	30.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	744.07	Rupees Seven Hundred Forty Four and Seven Paise Only
27	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	30.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	2446.27	Rupees Two Thousand Four Hundred Forty Six and Twenty Seven Paise Only
28	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	30.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	4643.84	Rupees Four Thousand Six Hundred Forty Three and Eighty Three Paise Only
29	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	825.96	Rupees Eight Hundred Twenty Five and Ninety Five Paise Only
30	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 20 mm dia One metre including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	70.80	Rupees Seventy and Eighty Paise Only	354.00	Rupees Three Hundred Fifty Four Only
31	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 25 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	79.00	Rupees Seventy Nine Only	790.00	Rupees Seven Hundred Ninety Only
32	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 32 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	97.40	Rupees Ninety Seven and Forty Paise Only	974.00	Rupees Nine Hundred Seventy Four Only
	SUB TOTAL A2a					250006.04	

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
	LADIES TOILET NEAR DINING ROOM						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:4 (1 cement : 4 coarse sand) including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.50	M ³	7468.128656	Rupees Seven Thousand Four Hundred Sixty Eight and Twelve Paise Only	3734.06	Rupees Three Thousand Seven Hundred Thirty Four and Six Paise Only
3	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	3.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	10189.74	Rupees Ten Thousand One Hundred Eighty Nine and Seventy Four Paise Only
4	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	3.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	559.99	Rupees Five Hundred Fifty Nine and Ninety Nine Paise Only
5	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	200.00	Rupees Two Hundred Only	200.00	Rupees Two Hundred Only
6	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	3388.00	Rupees Three Thousand Three Hundred Eighty Eight Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Providing and fixing water closet squatting pan (Indian type W.C. pan) of Orissa pattern W.C. pan of size 585x480 mm with flush pipe and integrated type foot rests 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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	13368.46877	Rupees Thirteen Thousand Three Hundred Sixty Eight and Forty Six Paise Only	13368.47	Rupees Thirteen Thousand Three Hundred Sixty Eight and Forty Six Paise Only
8	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
9	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	968.32	Rupees Nine Hundred Sixty Eight and Thirty Two Paise Only
10	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
	SUB TOTAL A2b					33591.06	
	SUB TOTAL A2					283597.09	
A3	HORTICULTURE OFFICE						
A3a	OFFICE TOILET (RF ROOM)						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	20.00	M ²	53.00256	Rupees Fifty Three Only	1060.05	Rupees One Thousand Sixty and Five Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
3	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 using mix of 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.20	M ³	12199.35461	Rupees Twelve Thousand One Hundred Ninety Nine and Thirty Five Paise Only	2439.87	Rupees Two Thousand Four Hundred Thirty Nine and Eighty Seven Paise Only
4	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	20.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	7253.20	
5	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	20.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	67931.61	Rupees Sixty Seven Thousand Nine Hundred Thirty One and Sixty One Paise Only
6	Grouting the joints of flooring tiles of size 1000x1000 mm sqm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	20.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	3733.28	Rupees Three Thousand Seven Hundred Thirty Three and Twenty Eight Paise Only
7	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below . including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Nos	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	144.81	Rupees One Hundred Forty Four and Eighty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
8	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	6.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	5543.66	Rupees Five Thousand Five Hundred Forty Three and Sixty Six Paise Only
9	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.50	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	7063.71	Rupees Seven Thousand Sixty Three and Seventy One Paise Only
10	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	200.00	Rupees Two Hundred Only	400.00	Rupees Four Hundred Only
11	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
12	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
13	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only
14	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	3388.00	Rupees Three Thousand Three Hundred Eighty Eight Only
15	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
16	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
17	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	1452.48	Rupees One Thousand Four Hundred Fifty Two and Forty Eight Paise Only
18	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
19	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	177.35472	Rupees One Hundred Seventy Seven and Thirty Five Paise Only	177.35	Rupees One Hundred Seventy Seven and Thirty Five Paise Only
20	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	754.74	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only
21	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
22	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. Complete as directed by the Engineer-in-Charge. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	150.00	Rupees One Hundred Fifty Only	300.00	Rupees Three Hundred Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
23	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	1.00	Each	3411.801968	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	3411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only
24	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	15.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	372.04	Rupees Three Hundred Seventy Two and Three Paise Only
25	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	15.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	1223.14	Rupees One Thousand Two Hundred Twenty Three and Thirteen Paise Only
26	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	15.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	2321.92	Rupees Two Thousand Three Hundred Twenty One and Ninety One Paise Only
27	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	495.57	Rupees Four Hundred Ninety Five and Fifty Seven Paise Only
28	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 20 mm dia One metre including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	70.80	Rupees Seventy and Eighty Paise Only	354.00	Rupees Three Hundred Fifty Four Only
29	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 25 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	79.00	Rupees Seventy Nine Only	790.00	Rupees Seven Hundred Ninety Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
30	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 32 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	97.40	Rupees Ninety Seven and Forty Paise Only	974.00	Rupees Nine Hundred Seventy Four Only
						124387.48	
A3b	GENTS TOILET - HORTICULCTURE OFFICE						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.50	M ³	1997.652896	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	998.83	Rupees Nine Hundred Ninety Eight and Eighty Two Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	40.00	M ²	53.00256	Rupees Fifty Three Only	2120.10	Rupees Two Thousand One Hundred Twenty and Ten Paise Only
4	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	40.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	14506.39	Rupees Fourteen Thousand Five Hundred Six and Thirty Nine Paise Only
5	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M ²) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	40.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	135863.23	Rupees One Lakh Thirty Five Thousand Eight Hundred Sixty Three and Twenty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
6	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	40.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	7466.57	Rupees Seven Thousand Four Hundred Sixty Six and Fifty Six Paise Only
7	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Nos	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	289.61	Rupees Two Hundred Eighty Nine and Sixty One Paise Only
8	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	9239.43	Rupees Nine Thousand Two Hundred Thirty Nine and Forty Three Paise Only
9	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.50	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	16482.00	Rupees Sixteen Thousand Four Hundred Eighty One and Ninety Nine Paise Only
10	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	200.00	Rupees Two Hundred Only	600.00	Rupees Six Hundred Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
11	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
12	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	1629.00	Rupees One Thousand Six Hundred Twenty Nine Only
13	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	1221.00	Rupees One Thousand Two Hundred Twenty One Only
14	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	3388.00	Rupees Three Thousand Three Hundred Eighty Eight Only
15	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	620.06	Rupees Six Hundred Twenty and Six Paise Only
16	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	2038.56	Rupees Two Thousand Thirty Eight and Fifty Six Paise Only
17	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	3869.87	Rupees Three Thousand Eight Hundred Sixty Nine and Eighty Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
18	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
19	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
20	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	1452.48	Rupees One Thousand Four Hundred Fifty Two and Forty Eight Paise Only
21	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
22	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	200.00	Rupees Two Hundred Only	400.00	Rupees Four Hundred Only
23	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	177.35472	Rupees One Hundred Seventy Seven and Thirty Five Paise Only	177.35	Rupees One Hundred Seventy Seven and Thirty Five Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
24	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	1509.49	Rupees One Thousand Five Hundred Nine and Forty Eight Paise Only
25	Supplying and fixing Shower Rose CP brass for 15 to 20mm inlet 100mm dia including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only
26	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	8.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	1321.53	Rupees One Thousand Three Hundred Twenty One and Fifty Three Paise Only
SUB TOTAL A3b						215177.38	
A3c	LADIES TOILET AT HORTICULTURE OFFICE						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge. including cost of all labour, tools, equipments etc. complete as per detailed specifications	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
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., up to floor five level, excluding the cost of centering, shuttering and finishing using 1:1½:3 (1 cement : 1½ coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) mix including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.50	M ³	12199.35461	Rupees Twelve Thousand One Hundred Ninety Nine and Thirty Five Paise Only	6099.68	Rupees Six Thousand Ninety Nine and Sixty Seven Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour,tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	45.00	M ²	53.00256	Rupees Fifty Three Only	2385.12	Rupees Two Thousand Three Hundred Eighty Five and Eleven Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
4	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	7.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	2538.62	Rupees Two Thousand Five Hundred Thirty Eight and Sixty One Paise Only
5	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	40.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	135863.23	Rupees One Lakh Thirty Five Thousand Eight Hundred Sixty Three and Twenty Two Paise Only
6	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	40.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	7466.57	Rupees Seven Thousand Four Hundred Sixty Six and Fifty Six Paise Only
7	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Nos	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	434.42	Rupees Four Hundred Thirty Four and Forty One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
8	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	15.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	13859.15	Rupees Thirteen Thousand Eight Hundred Fifty Nine and Fifteen Paise Only
9	Providing and fixing to existing door frames 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	23545.71	Rupees Twenty Three Thousand Five Hundred Forty Five and Seventy Paise Only
10	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Nos	200.00	Rupees Two Hundred Only	600.00	Rupees Six Hundred Only
11	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	No	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
12	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	1629.00	Rupees One Thousand Six Hundred Twenty Nine Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
13	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	1221.00	Rupees One Thousand Two Hundred Twenty One Only
14	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	3388.00	Rupees Three Thousand Three Hundred Eighty Eight Only
15	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	7.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	173.62	Rupees One Hundred Seventy Three and Sixty One Paise Only
16	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	7.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	570.80	Rupees Five Hundred Seventy and Seventy Nine Paise Only
17	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	7.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	1083.56	Rupees One Thousand Eighty Three and Fifty Six Paise Only
18	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	2.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	14299.68	Rupees Fourteen Thousand Two Hundred Ninety Nine and Sixty Eight Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
19	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1353.00	Rupees One Thousand Three Hundred Fifty Three Only
20	Supplying and fixing CP Brass angle valve 15mm including cost of all labour, materials etc. complete as per directions of the Engineer-in-charge including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	6.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	2904.96	Rupees Two Thousand Nine Hundred Four and Ninety Six Paise Only
21	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	1126.50	Rupees One Thousand One Hundred Twenty Six and Fifty Paise Only
22	Supplying and fixing PVC floor traps 110 mm dia. With 50mm deep seal and 63/75mm outlet. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	200.00	Rupees Two Hundred Only	600.00	Rupees Six Hundred Only
23	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	177.35472	Rupees One Hundred Seventy Seven and Thirty Five Paise Only	177.35	Rupees One Hundred Seventy Seven and Thirty Five Paise Only
24	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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	1509.49	Rupees One Thousand Five Hundred Nine and Forty Eight Paise Only
25	Supplying and fixing Shower Rose CP brass for 15 to 20mm inlet 100mm dia including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
26	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	8.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	1321.53	Rupees One Thousand Three Hundred Twenty One and Fifty Three Paise Only
	SUB TOTAL A3c					225933.01	
	SUB TOTAL A3					565497.87	
	<u>PART A:-CIVIL ENGINEERING DEPARTMENT GRAND TOTAL</u>					966449.66	
	<u>PART B.MECHANICAL ENGINEERING DEPARTMENT</u>						
B1	<u>ELECTRICAL OFFICE REST ROOM- FIRST FLOOR</u>						
1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead. For thickness of tiles 10 mm to 25 mm including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	149.09	Rupees One Hundred Forty Nine and Eight Paise Only
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	M ²	53.00256	Rupees Fifty Three Only	212.01	Rupees Two Hundred Twelve and One Paise Only
3	Repairs to plaster using cement mortar, 1:4 (1 cement : 4 fine sand), of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	M ²	567.806912	Rupees Five Hundred Sixty Seven and Eighty Paise Only	567.81	Rupees Five Hundred Sixty Seven and Eighty Paise Only
4	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	144.81	Rupees One Hundred Forty Four and Eighty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
6	Providing and fixing panelling using Float glass panes 4 mm thick glass pane (weight not less than 10 kg per sqm) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.50	M ²	2436.147152	Rupees Two Thousand Four Hundred Thirty Six and Fourteen Paise Only	1218.07	Rupees One Thousand Two Hundred Eighteen and Seven Paise Only
7	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	2.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	6793.16	Rupees Six Thousand Seven Hundred Ninety Three and Sixteen Paise Only
8	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	2.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	373.33	Rupees Three Hundred Seventy Three and Thirty Two Paise Only
9	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	488.70	Rupees Four Hundred Eighty Eight and Seventy Paise Only
10	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	366.30	Rupees Three Hundred Sixty Six and Thirty Paise Only
11	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	677.60	Rupees Six Hundred Seventy Seven and Sixty Paise Only
12	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	8.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	1321.53	Rupees One Thousand Three Hundred Twenty One and Fifty Three Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
13	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	20.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	496.05	Rupees Four Hundred Ninety Six and Four Paise Only
14	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	20.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	1630.85	Rupees One Thousand Six Hundred Thirty and Eighty Four Paise Only
15	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	3095.89	Rupees Three Thousand Ninety Five and Eighty Nine Paise Only
16	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin with 5 litre white P.V.C. automatic flushing cistern of 430x260x350 mm and 340x410x265 mm sizes respectively. 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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.(Material cost not less than Rs. 2257 each)	1.00	Each	6771.07704	Rupees Six Thousand Seven Hundred Seventy One and Seven Paise Only	6771.08	Rupees Six Thousand Seven Hundred Seventy One and Seven Paise Only
17	Providing and fixing PTMT, push cock of approved quality and colour. 15 mm nominal bore, 98 mm long, weighing not less than 75 gms including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	142.01968	Rupees One Hundred Forty Two and One Paise Only	142.02	Rupees One Hundred Forty Two and One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
18	Providing and fixing to existing door frames 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	9418.28	Rupees Nine Thousand Four Hundred Eighteen and Twenty Eight Paise Only
19	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
20	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	M	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
21	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	968.32	Rupees Nine Hundred Sixty Eight and Thirty Two Paise Only
				SUB TOTAL B1		42791.70	
B2	POWER HOUSE OUTSIDE TOILET						
1	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	22.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	1639.95	Rupees One Thousand Six Hundred Thirty Nine and Ninety Five Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
2	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. This includes cost of all labour tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	19.00	M ²	53.00256	Rupees Fifty Three Only	1007.05	Rupees One Thousand Seven and Four Paise Only
3	Plastering with cement mortar 1:4, 12 mm thick on masonry surfaces, trowelled hard including scaffolding, curing etc. complete as per detailed specifications and directions of the Engineer-in-Charge. 12 mm cement plastering of cement mortar 1:4 (1 cement: 4 coarse sand)	36.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	13055.75	Rupees Thirteen Thousand Fifty Five and Seventy Five Paise Only
4	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge..	2.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	260.94	Rupees Two Hundred Sixty and Ninety Three Paise Only
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area 3 sq. metres and below including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	289.61	Rupees Two Hundred Eighty Nine and Sixty One Paise Only
6	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	12.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	11087.32	Rupees Eleven Thousand Eighty Seven and Thirty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	18836.57	Rupees Eighteen Thousand Eight Hundred Thirty Six and Fifty Six Paise Only
8	Providing and fixing panelling using Float glass panes 4 mm thick glass pane (weight not less than 10 kg per sqm) including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	M ²	2436.147152	Rupees Two Thousand Four Hundred Thirty Six and Fourteen Paise Only	2436.15	Rupees Two Thousand Four Hundred Thirty Six and Fourteen Paise Only
9	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M ²) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	23.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	78121.36	Rupees Seventy Eight Thousand One Hundred Twenty One and Thirty Five Paise Only
10	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	23.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	4293.28	Rupees Four Thousand Two Hundred Ninety Three and Twenty Seven Paise Only
11	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	977.40	Rupees Nine Hundred Seventy Seven and Forty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	732.60	Rupees Seven Hundred Thirty Two and Sixty Paise Only
13	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	2032.80	Rupees Two Thousand Thirty Two and Eighty Paise Only
14	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.50	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	247.79	Rupees Two Hundred Forty Seven and Seventy Eight Paise Only
15	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	50.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	1240.12	Rupees One Thousand Two Hundred Forty and Twelve Paise Only
16	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	60.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	4892.54	Rupees Four Thousand Eight Hundred Ninety Two and Fifty Four Paise Only
17	Finishing walls with Acrylic Smooth exterior paint of required shade Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	M ²	135.768096	Rupees One Hundred Thirty Five and Seventy Six Paise Only	6788.40	Rupees Six Thousand Seven Hundred Eighty Eight and Forty Paise Only
18	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	14.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	2167.13	Rupees Two Thousand One Hundred Sixty Seven and Twelve Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
19	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
20	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
21	Supplying and fixing CP Brass angle valve 15mm including cost of all labour, materials etc. complete as per directions of the Engineer-in-charge including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	968.32	Rupees Nine Hundred Sixty Eight and Thirty Two Paise Only
22	Supplying and fixing Shower Rose CP brass for 15 to 20mm inlet 100mm dia including cost of all labour, materials etc. complete as per directions of the Engineer-in-charge including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only	129.11	Rupees One Hundred Twenty Nine and Eleven Paise Only
23	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	751.00	Rupees Seven Hundred Fifty One Only
SUB TOTAL B2						159781.52	
B3	ELECTRICAL TESTING						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Chargeincluding cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge..	2.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	260.94	Rupees Two Hundred Sixty and Ninety Three Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
2	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead. This includes cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	12.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	894.52	Rupees Eight Hundred Ninety Four and Fifty Two Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead, including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	16.00	M ²	53.00256	Rupees Fifty Three Only	848.04	Rupees Eight Hundred Forty Eight and Four Paise Only
4	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	23.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	8341.18	Rupees Eight Thousand Three Hundred Forty One and Seventeen Paise Only
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area 3 sq. metres and below including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	144.81	Rupees One Hundred Forty Four and Eighty Paise Only
6	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	6.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	5543.66	Rupees Five Thousand Five Hundred Forty Three and Sixty Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	9418.28	Rupees Nine Thousand Four Hundred Eighteen and Twenty Eight Paise Only
8	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	17.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	57741.87	Rupees Fifty Seven Thousand Seven Hundred Forty One and Eighty Seven Paise Only
9	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	17.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	3173.29	Rupees Three Thousand One Hundred Seventy Three and Twenty Nine Paise Only
10	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only
11	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	1694.00	Rupees One Thousand Six Hundred Ninety Four Only
13	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	30.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	744.07	Rupees Seven Hundred Forty Four and Seven Paise Only
14	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	50.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	4077.12	Rupees Four Thousand Seventy Seven and Twelve Paise Only
15	Finishing walls with Acrylic Smooth exterior paint of Two or more coat applied @ 1.67 ltr/ 10 sqm of required shade on Old work on existing cement paint surface including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	30.00	M ²	135.768096	Rupees One Hundred Thirty Five and Seventy Six Paise Only	4073.04	Rupees Four Thousand Seventy Three and Four Paise Only
16	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	55.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	8513.71	Rupees Eight Thousand Five Hundred Thirteen and Seventy Paise Only
17	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
18	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
19	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	2904.96	Rupees Two Thousand Nine Hundred Four and Ninety Six Paise Only
20	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
21	Supplying and fixing PVC floortraps 110 mm dia. With 50mm deep seal and 63/75mm outlet. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	200.00	Rupees Two Hundred Only	200.00	Rupees Two Hundred Only
22	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. complete as directed by the Engineer-in-Charge	1.00	Each	150.00	Rupees One Hundred Fifty Only	150.00	Rupees One Hundred Fifty Only
23	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	1.00	Each	3411.801968	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	3411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only
SUB TOTAL B3						121762.13	
B4	CCR (ELECTRICAL) GROUND FLOOR						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge. including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	6.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	782.81	Rupees Seven Hundred Eighty Two and Eighty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
2	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	3727.17	Rupees Three Thousand Seven Hundred Twenty Seven and Sixteen Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	50.00	M ²	53.00256	Rupees Fifty Three Only	2650.13	Rupees Two Thousand Six Hundred Fifty and Twelve Paise Only
4	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., 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, cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	40.00	M ²	632.769024	Rupees Six Hundred Thirty Two and Seventy Six Paise Only	25310.76	Rupees Twenty Five Thousand Three Hundred Ten and Seventy Six Paise Only
5	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	52.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	18858.31	Rupees Eighteen Thousand Eight Hundred Fifty Eight and Thirty One Paise
6	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead : Of area 3 sq. metres and below including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	3.00	Each	144.805712	Rupees One Hundred Forty Four and Eighty Paise Only	434.42	Rupees Four Hundred Thirty Four and Forty One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame.	17.00	M	923.943344	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	15707.04	Rupees Fifteen Thousand Seven Hundred Seven and Three Paise Only
8	Providing and fixing to existing door frames 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.00	M ²	4709.141552	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	23545.71	Rupees Twenty Three Thousand Five Hundred Forty Five and Seventy Paise Only
9	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	50.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	169829.04	Rupees One Lakh Sixty Nine Thousand Eight Hundred Twenty Nine and Three Paise Only
10	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	50.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	9333.21	Rupees Nine Thousand Three Hundred Thirty Three and Twenty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
11	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only
12	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only
13	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	1694.00	Rupees One Thousand Six Hundred Ninety Four Only
14	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	50.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	1240.12	Rupees One Thousand Two Hundred Forty and Twelve Paise Only
15	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	80.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	6523.39	Rupees Six Thousand Five Hundred Twenty Three and Thirty Nine Paise Only
16	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	80.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	12383.57	Rupees Twelve Thousand Three Hundred Eighty Three and Fifty Seven Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
17	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	2.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	14299.68	Rupees Fourteen Thousand Two Hundred Ninety Nine and Sixty Eight Paise Only
18	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1353.00	Rupees One Thousand Three Hundred Fifty Three Only
19	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	2904.96	Rupees Two Thousand Nine Hundred Four and Ninety Six Paise Only
20	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	1126.50	Rupees One Thousand One Hundred Twenty Six and Fifty Paise Only
21	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	200.00	Rupees Two Hundred Only	600.00	Rupees Six Hundred Only
22	Supplying and fixing Shower Rose CP brass for 15 to 20mm inlet 100mm dia including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	206.438176	Rupees Two Hundred Six and Forty Three Paise Only	206.44	Rupees Two Hundred Six and Forty Three Paise Only
23	Providing and fixing C.P. brass stop cock of 15 mm nominal bore (concealed) of standard design and of approved make conforming to IS:8931, as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	823.918	Rupees Eight Hundred Twenty Three and Ninety One Paise Only	823.92	Rupees Eight Hundred Twenty Three and Ninety One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
24	Providing and fixing PTMT soap Dish Holder having length of 138mm, breadth 102mm, height of 75mm with concealed fitting arrangements, weighing not less than 106 gms.This includes cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	177.35472	Rupees One Hundred Seventy Seven and Thirty Five Paise Only	177.35	Rupees One Hundred Seventy Seven and Thirty Five Paise Only
25	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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	754.74	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only
26	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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
27	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. Complete as directed by the Engineer-in-Charge including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	150.00	Rupees One Hundred Fifty Only	150.00	Rupees One Hundred Fifty Only
28	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	2.00	Each	3411.801968	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	6823.60	Rupees Six Thousand Eight Hundred Twenty Three and Sixty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
29	Providing and fixing stone slab of White Agaria Marble Stone 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 6mm nominal size) and finished smooth.This includes cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.(Material cost not less than Rs. 2635/M2)	2.00	Sq.m.	4371.895776	Rupees Four Thousand Three Hundred Seventy One and Eighty Nine Paise Only	8743.79	Rupees Eight Thousand Seven Hundred Forty Three and Seventy Nine Paise Only
30	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin with 5 litre white P.V.C. automatic flushing cistern of 430x260x350 mm and 340x410x265 mm sizes respectively. 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 including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.(Material cost not less than Rs. 2257 each)	2.00	Each	6771.07704	Rupees Six Thousand Seven Hundred Seventy One and Seven Paise Only	13542.15	Rupees Thirteen Thousand Five Hundred Forty Two and Fifteen Paise Only
31	Providing and fixing PTMT, push cock of approved quality and colour. 15 mm nominal bore, 98 mm long, weighing not less than 75 gms including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	142.01968	Rupees One Hundred Forty Two and One Paise Only	284.04	Rupees Two Hundred Eighty Four and Three Paise Only
SUB TOTAL B4						346757.32	
B5	110 KV SUB STATION						
1	Dismantling W.C. Pan/ Urinal / Wash basin of all sizes including disposal of dismantled materials i/c malba all complete, including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
2	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., 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, labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	M ²	632.769024	Rupees Six Hundred Thirty Two and Seventy Six Paise Only	6327.69	Rupees Six Thousand Three Hundred Twenty Seven and Sixty Nine Paise Only
3	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	3626.60	Rupees Three Thousand Six Hundred Twenty Six and Fifty Nine Paise Only
4	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	4.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	651.60	Rupees Six Hundred Fifty One and Sixty Paise Only
5	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	4.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	488.40	Rupees Four Hundred Eighty Eight and Forty Paise Only
6	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	1694.00	Rupees One Thousand Six Hundred Ninety Four Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	50.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	1240.12	Rupees One Thousand Two Hundred Forty and Twelve Paise Only
8	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	80.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	6523.39	Rupees Six Thousand Five Hundred Twenty Three and Thirty Nine Paise Only
9	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	80.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	12383.57	Rupees Twelve Thousand Three Hundred Eighty Three and Fifty Seven Paise Only
10	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	2.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	14299.68	Rupees Fourteen Thousand Two Hundred Ninety Nine and Sixty Eight Paise Only
11	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1353.00	Rupees One Thousand Three Hundred Fifty Three Only
12	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	2904.96	Rupees Two Thousand Nine Hundred Four and Ninety Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
13	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	1126.50	Rupees One Thousand One Hundred Twenty Six and Fifty Paise Only
				SUB TOTAL B5		52749.99	
B6	RENOVATION OF TOILET BLOCKS AT AMM's Office						

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
1	Dismantling W.C. Pan/urinal of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge.	3.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	391.40	Rupees Three Hundred Ninety One and Forty Paise Only
2	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only
3	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only
4	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	677.60	Rupees Six Hundred Seventy Seven and Sixty Paise Only
5	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
6	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
7	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
8	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
9	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	70.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	10835.63	Rupees Ten Thousand Eight Hundred Thirty Five and Sixty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
				SUB TOTAL B6		22015.63	
B7	RENOVATION OF TOILET BLOCKS AT AUTO SECTION						
1	Dismantling W.C. Pan/urinal of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in Charge.	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	298.17	Rupees Two Hundred Ninety Eight and Seventeen Paise Only
3	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	4.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	13586.32	Rupees Thirteen Thousand Five Hundred Eighty Six and Thirty Two Paise Only
4	Grouting the joints of flooring tiles of size 1000x1000mm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting, finishing and cost of all material, labour, tools, equipments etc. complete as per direction of Engineer-in-charge.	4.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	746.66	Rupees Seven Hundred Forty Six and Sixty Five Paise Only
5	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only
6	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	677.60	Rupees Six Hundred Seventy Seven and Sixty Paise Only
8	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
9	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
10	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only
11	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
12	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	70.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	10835.63	Rupees Ten Thousand Eight Hundred Thirty Five and Sixty Two Paise Only
				SUB TOTAL B7		36385.85	
B8	RENOVATION OF TOILET BLOCKS AT MAINTENANCE STAFF REST ROOM						

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
1	Dismantling W.C. Pan/urinal of all sizes including disposal of dismantled materials i/c malba all complete including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge..	1.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	130.47	Rupees One Hundred Thirty and Forty Six Paise Only
2	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	298.17	Rupees Two Hundred Ninety Eight and Seventeen Paise Only
3	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	4.00	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	13586.32	Rupees Thirteen Thousand Five Hundred Eighty Six and Thirty Two Paise Only
4	Grouting the joints of flooring tiles of size 1000x1000 mm sqm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	4.00	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	746.66	Rupees Seven Hundred Forty Six and Sixty Five Paise Only
5	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	814.50	Rupees Eight Hundred Fourteen and Fifty Paise Only
6	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	610.50	Rupees Six Hundred Ten and Fifty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
7	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	677.60	Rupees Six Hundred Seventy Seven and Sixty Paise Only
8	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
9	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc.Complete. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
10	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only
11	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
12	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	70.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	10835.63	Rupees Ten Thousand Eight Hundred Thirty Five and Sixty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
				SUB TOTAL B8		36385.85	
B9	RENOVATION OF TOILET AT ERNAKULAM WHARF ELECTRICAL AND CRANE SECTION GROUND FLOOR TOILET						
1	Dismantling W.C. Pan / Urinal/Wash Basin of all sizes including disposal of dismantled materials i/c malba all complete including cost of all labour, tools etc. complete as per directions of the Engineer-in-charge specifications and directions of the Engineer-in-charge.	6.00	Each	130.46784	Rupees One Hundred Thirty and Forty Six Paise Only	782.81	Rupees Seven Hundred Eighty Two and Eighty Paise Only
2	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead.This includes cost of all labour, tools etc. complete as per directions of the Engineer-in-charge specifications and directions of the Engineer-in-charge.	66.04	M ²	74.543344	Rupees Seventy Four and Fifty Four Paise Only	4922.84	Rupees Four Thousand Nine Hundred Twenty Two and Eighty Four Paise Only
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead. sqm including cost of all labour, tools etc. complete as per directions of the Engineer-in-charge.	46.77	M ²	53.00256	Rupees Fifty Three Only	2478.93	Rupees Two Thousand Four Hundred Seventy Eight and Ninety Two Paise Only
4	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	112.81	M ²	362.659824	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	40911.65	Rupees Forty Thousand Nine Hundred Eleven and Sixty Five Paise Only
5	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	76.27	M ²	3396.58072	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	259057.21	Rupees Two Lakh Fifty Nine Thousand Fifty Seven and Twenty One Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
6	Grouting the joints of flooring tiles of size 1000x1000 mm sqm having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge	76.27	M ²	186.664144	Rupees One Hundred Eighty Six and Sixty Six Paise Only	14236.87	Rupees Fourteen Thousand Two Hundred Thirty Six and Eighty Seven Paise Only
7	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	200.00	Rupees Two Hundred Only	200.00	Rupees Two Hundred Only
8	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only
9	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	1629.00	Rupees One Thousand Six Hundred Twenty Nine Only
10	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	366.30	Rupees Three Hundred Sixty Six and Thirty Paise Only
11	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	6.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	2032.80	Rupees Two Thousand Thirty Two and Eighty Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.841488	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
13	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	1353.00	Rupees One Thousand Three Hundred Fifty Three Only
14	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	2.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	968.32	Rupees Nine Hundred Sixty Eight and Thirty Two Paise Only
15	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour. 450 mm long towel rail with total length of 495 mm, 78 mm wide and effective height of 88 mm, weighing not less than 170 gms each including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	3.00	Each	754.742864	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	2264.23	Rupees Two Thousand Two Hundred Sixty Four and Twenty Two Paise Only
16	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	1522.46456	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only	1522.46	Rupees One Thousand Five Hundred Twenty Two and Forty Six Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
17	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. Complete as directed by the Engineer-in-Charge. including cost of all labour,materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	1.00	Each	150.00	Rupees One Hundred Fifty Only	150.00	Rupees One Hundred Fifty Only
18	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	1.00	Each	3411.801968	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	3411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only
19	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	53.00	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	1314.53	Rupees One Thousand Three Hundred Fourteen and Fifty Three Paise Only
20	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	53.00	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	4321.75	Rupees Four Thousand Three Hundred Twenty One and Seventy Four Paise Only
21	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	53.00	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	8204.12	Rupees Eight Thousand Two Hundred Four and Eleven Paise Only
22	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M ²	165.191312	Rupees One Hundred Sixty Five and Nineteen Paise Only	825.96	Rupees Eight Hundred Twenty Five and Ninety Five Paise Only
23	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 20 mm dia One metre including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	M	70.80	Rupees Seventy and Eighty Paise Only	354.00	Rupees Three Hundred Fifty Four Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
24	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 25 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	79.00	Rupees Seventy Nine Only	790.00	Rupees Seven Hundred Ninety Only
25	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 32 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	97.40	Rupees Ninety Seven and Forty Paise Only	974.00	Rupees Nine Hundred Seventy Four Only
SUB TOTAL B9						361744.89	
PART B.MECHANICAL ENGINEERING DEPARTMENT GRAND TOTAL						1180374.88	
PART C.MARINE DEPARTMENT							
RENOVATION OF TOILET BLOCKS NEAR Q7 SHED							
1	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	6.00	Each	130.47	Rupees One Hundred Thirty and Forty Six Paise Only	782.81	Rupees Seven Hundred Eighty Two and Eighty Paise Only
2	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	122.68	M ²	74.54	Rupees Seventy Four and Fifty Four Paise Only	9144.98	Rupees Nine Thousand One Hundred Forty Four and Ninety Seven Paise Only
3	Providing and laying in position ready mixed plain cement concrete , with cement content as per approved design mix and manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for plain cement concrete work, including pumping of R.M.C. from transit mixer to site of laying and curing, excluding the cost of centering, shuttering and finishing, including cost of curing, 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 the Engineer-in-charge.M-15 grade plain cement concrete (cement content considered @ 240 kg/cum) including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.13	M3	10737.44	Rupees Ten Thousand Seven Hundred Thirty Seven and Forty Three Paise Only	22870.74	Rupees Twenty Two Thousand Eight Hundred Seventy and Seventy Three Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	0.20	M ³	1997.65	Rupees One Thousand Nine Hundred Ninety Seven and Sixty Five Paise Only	399.53	Rupees Three Hundred Ninety Nine and Fifty Three Paise Only
5	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 1:4 (1 cement : 4 coarse sand) including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.13	M3	10613.08	Rupees Ten Thousand Six Hundred Thirteen and Eight Paise Only	22605.87	Rupees Twenty Two Thousand Six Hundred Five and Eighty Six Paise Only
6	Plastering with cement mortar 1:4, 12 mm thick complete including all labour, tools equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	138.28	M ²	362.66	Rupees Three Hundred Sixty Two and Sixty Five Paise Only	50148.60	Rupees Fifty Thousand One Hundred Forty Eight and Sixty Paise Only
7	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc., complete including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.					0.00	
	a) Floor	39.88	M ²	1591.03	Rupees One Thousand Five Hundred Ninety One and Two Paise Only	63450.20	Rupees Sixty Three Thousand Four Hundred Fifty and Twenty Paise Only
	b) Wall	82.80	M ²	1591.03	Rupees One Thousand Five Hundred Ninety One and Two Paise Only	131737.13	Rupees One Lakh Thirty One Thousand Seven Hundred Thirty Seven and Twelve Paise Only
8	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead of area 3 sq. metres and below including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	8.00	Each	144.81	Rupees One Hundred Forty Four and Eighty Paise Only	1158.45	Rupees One Thousand One Hundred Fifty Eight and Forty Four Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
9	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross-section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	39.60	M	923.94	Rupees Nine Hundred Twenty Three and Ninety Four Paise Only	36588.16	Rupees Thirty Six Thousand Five Hundred Eighty Eight and Fifteen Paise Only
10	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	11.76	M ²	4709.14	Rupees Four Thousand Seven Hundred Nine and Fourteen Paise Only	55379.50	Rupees Fifty Five Thousand Three Hundred Seventy Nine and Fifty Paise Only
11	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. For fixed portion- Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	37.00	Kgs	576.165008	Rupees Five Hundred Seventy Six and Sixteen Paise Only	21318.11	Rupees Twenty One Thousand Three Hundred Eighteen and Ten Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
12	Providing and fixing glazing with float glass panes of 4.0 mm thickness (weight not less than 10 kg/ sqm) in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	5.70	M ²	1358.496384	Rupees One Thousand Three Hundred Fifty Eight and Forty Nine Paise Only	7743.43	Rupees Seven Thousand Seven Hundred Forty Three and Forty Two Paise Only
13	Removing the existing damaged ceiling tiles and re-laying /re-installing the existing good condition ceiling tiles of size 600X600X15mm thick on existing modular grids to true line and level including labour for all leads and lifts ,other incidentals etc complete. This includes cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	32.00	M2	52.00	Rupees Fifty Two Only	1664.00	Rupees One Thousand Six Hundred Sixty Four Only
14	Renewing wooden battens in roofs, including making good the holes in wall and painting with oil type wood preservative of approved brand and manufacture complete, including removal of rubbish to the dumping ground within 50 metres lead, including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	0.10	M3	212262.68	Rupees Two Lakh Twelve Thousand Two Hundred Sixty Two and Sixty Eight Paise Only	21226.27	Rupees Twenty One Thousand Two Hundred Twenty Six and Twenty Six Paise Only
15	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet. including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	Each	200.00	Rupees Two Hundred Only	2000.00	Rupees Two Thousand Only
16	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 50 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	M	162.90	Rupees One Hundred Sixty Two and Ninety Paise Only	4072.50	Rupees Four Thousand Seventy Two and Fifty Paise Only
17	Supplying, Laying and jointing PVC pipe (class5) with ISI mark including all specials for water supply line of 40 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	122.10	Rupees One Hundred Twenty Two and Ten Paise Only	1221.00	Rupees One Thousand Two Hundred Twenty One Only
18	Supplying and laying/ fixing 110mm dia. PVC pipe (class2) buried/ above ground for drainage disposal including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	25.00	M	338.80	Rupees Three Hundred Thirty Eight and Eighty Paise Only	8470.00	Rupees Eight Thousand Four Hundred Seventy Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
19	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	4.00	Each	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	28599.37	Rupees Twenty Eight Thousand Five Hundred Ninety Nine and Thirty Six Paise Only
20	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	4.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	2706.00	Rupees Two Thousand Seven Hundred Six Only
21	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	4.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	1936.64	Rupees One Thousand Nine Hundred Thirty Six and Sixty Four Paise Only
22	Providing and fixing PTMT towel rail (600 mm long)complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	4.00	Each	224.24	Rupees Two Hundred Twenty Four and Twenty Four Paise Only	896.97	Rupees Eight Hundred Ninety Six and Ninety Six Paise Only
23	Providing and fixing PTMT Soap Dish/Holder 138x102x75 mm complete including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.00	Each	114.16	Rupees One Hundred Fourteen and Fifteen Paise Only	570.80	Rupees Five Hundred Seventy and Seventy Nine Paise Only
24	White vitreous china clay half stall urinal flat back 580x380x350 mm or angle back 450x375x350 mm with waste fittings as per IS:2556 including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	1175.57	Rupees One Thousand One Hundred Seventy Five and Fifty Six Paise Only	2351.14	Rupees Two Thousand Three Hundred Fifty One and Thirteen Paise Only
25	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	3755.00	Rupees Three Thousand Seven Hundred Fifty Five Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
26	Supplying and fixing good approved quality Chromium Plated brass grating including all materials, labour etc. Complete as directed by the Engineer-in-Charge. including cost of all labour, materials, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	10.00	Each	150.00	Rupees One Hundred Fifty Only	1500.00	Rupees One Thousand Five Hundred Only
27	Providing and fixing C.P. brass shower rose with 15 or 20 mm inlet including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	Each	205.35	Rupees Two Hundred Five and Thirty Five Paise Only	821.40	Rupees Eight Hundred Twenty One and Forty Paise Only
28	Providing and fixing C.P. Brass angle valve including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	Each	509.64	Rupees Five Hundred Nine and Sixty Four Paise Only	2038.56	Rupees Two Thousand Thirty Eight and Fifty Six Paise Only
29	Providing and fixing push cock 15 mm dia including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	4.00	Each	84.26	Rupees Eighty Four and Twenty Six Paise Only	337.04	Rupees Three Hundred Thirty Seven and Four Paise Only
30	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	238.60	M ²	24.80	Rupees Twenty Four and Eighty Paise Only	5917.87	Rupees Five Thousand Nine Hundred Seventeen and Eighty Seven Paise Only
31	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	238.60	M ²	81.54	Rupees Eighty One and Fifty Four Paise Only	19456.02	Rupees Nineteen Thousand Four Hundred Fifty Six and One Paise Only
32	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	238.60	M ²	154.79	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	36934.00	Rupees Thirty Six Thousand Nine Hundred Thirty Four Only
33	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade of two or more coats on new work sqm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	5.40	M ²	165.19	Rupees One Hundred Sixty Five and Nineteen Paise Only	892.03	Rupees Eight Hundred Ninety Two and Three Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
34	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 20 mm dia One metre including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	30.00	M	70.80	Rupees Seventy and Eighty Paise Only	2124.00	Rupees Two Thousand One Hundred Twenty Four Only
35	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 25 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	M	79.00	Rupees Seventy Nine Only	1580.00	Rupees One Thousand Five Hundred Eighty Only
36	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 32 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	M	97.40	Rupees Ninety Seven and Forty Paise Only	1948.00	Rupees One Thousand Nine Hundred Forty Eight Only
PART C.MARINE DEPARTMENT GRAND TOTAL (FOR 8 TOILETS)						576346.10	
PART D. TRAFFIC DEPARTMENT							
D1	MATTANCHERRY WHARF OFFICE TOILET						
1	Dismantling tile work in floors and roofs of thickness of tiles 10 mm to 25 mm laid in cement mortar including stacking material within 50 metres lead, including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	22.95	M ²	74.54	Rupees Seventy Four and Fifty Four Paise Only	1710.77	Rupees One Thousand Seven Hundred Ten and Seventy Six Paise Only
2	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete including cost of all labour, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	130.47	Rupees One Hundred Thirty and Forty Six Paise Only	260.94	Rupees Two Hundred Sixty and Ninety Three Paise Only
3	Providing and laying vitrified Floor/ wall tiles (Material cost not less than Rs. 2155/M2) of size 100cm x 100cm or suitable nearest size available in the market and of minimum thickness 9mm or suitable nearest size available in the market (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 filling the joints with epoxy of matching colour etc., complete as per the directions of Engineer-in-Charge	22.95	M ²	3396.58	Rupees Three Thousand Three Hundred Ninety Six and Fifty Eight Paise Only	77951.53	Rupees Seventy Seven Thousand Nine Hundred Fifty One and Fifty Two Paise Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
4	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand paping and preparing the surface smooth including necessary repairs to scratches etc. including cost of materials and labour complete, as per the directions of Engineer-in-Charge.	169.38	M ²	24.80	Rupees Twenty Four and Eighty Paise Only	4201.04	Rupees Four Thousand Two Hundred One and Four Paise Only
5	Applying one coat of water thinnable cement primer having VOC content less than 50 grams/litre of approved brand and manufacture on wall surface including cost of material, labour, scaffolding etc. complete as per detailed specifications and directions of the Engineer-in-Charge.	169.38	M ²	81.54	Rupees Eighty One and Fifty Four Paise Only	13811.65	Rupees Thirteen Thousand Eight Hundred Eleven and Sixty Five Paise Only
6	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	169.38	M ²	154.79	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	26219.12	Rupees Twenty Six Thousand Two Hundred Nineteen and Eleven Paise Only
7	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with ISI marked white solid plastic seat and lid , 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. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge. (Material cost not less than Rs. 3061 each)	1.00	Each	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only	7149.84	Rupees Seven Thousand One Hundred Forty Nine and Eighty Four Paise Only
8	Providing and fixing White Vitreous China Flat back wash basin size 550x 400 mm with single 15 mm C.P. brass pillar tap with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.(Material cost not less than Rs. 1426 each)	1.00	Each	3411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only	3411.80	Rupees Three Thousand Four Hundred Eleven and Eighty Paise Only
9	Supplying and fixing PVC floor traps 110mm dia. with 50mm deep seal and 63/75mm outlet including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	200.00	Rupees Two Hundred Only	200.00	Rupees Two Hundred Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
10	Supplying good quality Health Faucets of Parryware T9940A1 Slimline with SS Hose & Hook or approved equivalent make including all required fitting etc. This includes cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only	676.50	Rupees Six Hundred Seventy Six and Fifty Paise Only
11	Supplying and fixing CP Brass angle valve 15mm including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only	484.16	Rupees Four Hundred Eighty Four and Sixteen Paise Only
12	Providing and fixing 15mm dia. Or nearest available size Chromium plated brass tap (Heavy Type) of weight not less than 400g including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only	375.50	Rupees Three Hundred Seventy Five and Fifty Paise Only
13	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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	1.00	Each	754.74	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only	754.74	Rupees Seven Hundred Fifty Four and Seventy Four Paise Only
14	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 20 mm dia One metre including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	10.00	M	70.80	Rupees Seventy and Eighty Paise Only	708.00	Rupees Seven Hundred Eight Only
15	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 25 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	15.00	M	79.00	Rupees Seventy Nine Only	1185.00	Rupees One Thousand One Hundred Eighty Five Only
16	Supplying, Laying and jointing PVC pipe (class 5) with ISI mark including all specials for water supply line of 32 mm dia including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	20.00	M	97.40	Rupees Ninety Seven and Forty Paise Only	1948.00	Rupees One Thousand Nine Hundred Forty Eight Only

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
17	Skilled labourers Mason, Fitter, Welder, Aluminium Fabricator, Tiler, Carpenter etc- for 8hrs per day. including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	2.00	Each	1002.97	Rupees One Thousand Two and Ninety Seven Paise Only	2005.94	Rupees Two Thousand Five and Ninety Four Paise Only
18	Unskilled labourers- Mazdoor- for 8 hrs per day.	2.00	Each	758.34	Rupees Seven Hundred Fifty Eight and Thirty Four Paise Only	1516.68	Rupees One Thousand Five Hundred Sixteen and Sixty Eight Paise Only
				SUB TOTAL D1		144571.21	
D2	DLD Office						

Sl.No:	Sub- heads and items of work	Approximate Quantity	Unit	Departmental rates (Rs) in figures	Departmental rates (Rs) in words	Amount (Rs) in figures	Amount (Rs) in words
1	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. including cost of all labour, material, tools, equipments etc. complete as per detailed specifications and directions of the Engineer-in-charge.	57.80	M ²	24.80248	Rupees Twenty Four and Eighty Paise Only	1433.58	Rupees One Thousand Four Hundred Thirty Three and Fifty Eight Paise Only
2	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	57.80	M ²	81.5424	Rupees Eighty One and Fifty Four Paise Only	4713.15	Rupees Four Thousand Seven Hundred Thirteen and Fifteen Paise Only
3	Wall painting with 2 coats of premium acrylic emulsion paint of interior grade, 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 including cost of all material, labour, tools, equipments etc. complete as per detailed specifications and directions of Engineer-in-Charge.	57.80	M ²	154.794656	Rupees One Hundred Fifty Four and Seventy Nine Paise Only	8947.13	Rupees Eight Thousand Nine Hundred Forty Seven and Thirteen Paise Only
						15093.87	
	PART D:-TRAFFIC DEPARTMENT GRAND TOTAL					159665.08	
	GRAND TOTAL PART A + PART B + PART C + PART D					2882835.72	
				Departmental Estimated amount	Percentage quoted above/ below the Departmental Amount		Above/ Below
Percentage quoted above/ below the departmental amount shown in the above schedule					In Figures	In Words	
	Notes : 1. The Tenderer shall quote either plus or minus sign (eg: +5 or -5) and in figures and words 2. Only two decimal digits shall be accepted 3. Tenderers shall also quote Above/ Below in words themselves in the last column. 4. In case of discrepancy in words and figures the quoted figure in word will prevail			2882835.72			
" This is an Electronic Submission. No Need of Signature"							