

Name of work:- Civil work for Renovation of Dispensary at MNIT CAMPUS Jaipur.

G-Schedule

S.No	Qty	Items	Unit	Rate	Amount
1	98.06	Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan) including dressing of sides and ramming of bottoms, lift upto 1.5 m, including taking out the excavated soil and depositing and refilling of jhiri with watering & ramming and disposal of surplus excavated soil as directed with in a lead of 50 meter. All kinds of soils	Cum	162.00	15885.72
2		Providing and laying in position cement concrete including curing, compaction etc. complete in specified grade excluding the cost of centering and shuttering - All work up to plinth level.			
A	4.16	M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	Cum	4204.00	17488.64
B	17.00	M10 grade Nominal Mix 1: 3: 6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40mm nominal size).	Cum	3392.00	57664
C	9.69	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size).	Cum	3002.00	29089.38
3	10.05	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers (if required) excluding the cost of centering, shuttering and reinforcement for Walls (any thickness) including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. M20 grade Nominal Mix / Design Mix	Cum	5099.00	51244.95
4	29.04	Providing and laying in position specified grade of cement concrete for RCC structural elements upto floor five level including curing, compaction, finishing with rendering in cement sand mortar 1:3 (1 cement: 3 coarse sand) and making good the joints and cost of plastizers(if required) excluding the cost of centering, shuttering and reinforcement for Beams, suspended floors, roofs, girders having slopes up to 15°, landings, balconies, shelves, chajjas, lintels, bands, plain windows sills, staircases and spiral staircases etc. M20 grade Nominal Mix / Design Mix	Cum	4714.00	136894.56
5		Centering & shuttering with plywood or steel sheets including strutting, propping bracing both ways with steel props and removal of formwork for upto floor five level for :			
A	158.05	Suspended floors, roofs, landings, staircases, balconies, girders, cantilevers, bands, coping bed plates, anchor blocks, sills, chhajjas, lintel, beam, plinth beam etc.	Sqm	309.00	48837.45
B	41.8	Columns, pillars, posts and struts etc.	Sqm.	341.00	14253.8

6		Providing and fabricating reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding (including cost of binding wire) all complete up to floor five level. (*Original producers' who manufacture billet directly from iron ores and roll the billets to produce steel conforming to IS:1786)			
A	4299.9	Thermo-mechanically Treated bars (Conforming of relevent IS code)	Kg.	64.00	275193.6
7		Brick work with F.P.S. bricks of class designation 75 in superstructure above plinth level upto floor V level in all shapes and sizes in :			
A	63.07	Cement mortar 1 : 6 (1 cement : 6 coarse sand)	Cum.	4536.00	286085.52
8		Half brick masonry in Superstructure , above plinth level upto floor V level using bricks of designation 75			
A	7.06	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	Sqm.	503.00	3551.18
9	7.06	Add extra providing and placing in position 2 Nos. ,6mm Ø M.S. bar at every third course of half brick masonry .	Sqm	58.00	409.48
10		Random Rubble stone masonry for with hard stone in foundation and plinth in Cement Sand mortar above 30 CM thick wall in:			
A	31.94	Cement Mortar 1:6 (1-Cement : 6-Sand).	Cum.	2580.00	82405.2
11		Supplying and fixing in walls machine cut and polished stone shelves, tands and in CM 1:3 with machine cut edges :			
A	3.99	Sand or other approved stone 25mm thick.	Sqm.	458.00	1827.42
12		Supplying and fixing stone lintels/bed plates of approved quarry rough dressed in cement mortar 1:4 :			
A	0.51	Upto 15 cm. thick.	Cum	8746.00	4460.46
13		Providing and fixing Granite stone slab mirror polished and machine edge cut in walls, pillars, steps, Shelves, Sills Counters, Floors etc. laid on 12mm (Av.) thick base of cement mortar 1:3 (1 cement : 3 coarse sand) jointing with white cement mortar 1:2 (1white cement : 2 marble dust) with pigment to match the shade of the marble slab including grinding, rubbing and polishing complete.			
A	34.95	South Zed Black Above 3601 Cm² Slabs	Sqm.	3705.00	129489.75
14		Extra for providing edge moulding to 15-18mm thick marble/ Granite/Kota stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.			
A	56.08	Granite/ Kota Stone Work Full Edge moulding	Mtr.	212.00	11888.96
15		P & F 1st quality Heavy Duty Vitrified Double Charged tiles on floor, skirting and steps etc.in different sizes (thickness minimum 10mm) with water absortion less than or equal 0.08% and conforming to IS 15622 of approved make in all colour and shade, laid with 20 mm thick CM 1: 4 including grouting the joints with white cement and matching pigment etc complete.			
A	252.79	size 800 mm X 800mm	Sqm	1178.00	297786.62

16		Providing and fixing external grade board solid core single leaf flush door shutters ISI 2202-67 marked using Phenol formal dehyderesin in glue both sides with approved steel fittings complete as per annexure 'A' : 30 mm thick .			
A	57.3	Decorative teak veneer both side	Sqm	2277.00	130472.1
17	60.03	Extra for providing external lipping with 2nd class teak wood battens 6 mm minimum depth on all edges of shutters (over all area of door shutter to be measured) Over item no. 8.13.	Sqm	128.00	7683.84
18	480	Providing and fixing T-iron frames for doors, windows and ventilators of mild steel Tee-sections, joints mitred and welded with 15x3 mm lugs 10cm long embedded in cement concrete blocks 15x10x10 cm of 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as require including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer.	Kg.	72.00	34560
19		Grading roof for water proofing treatment with water proffing compound			
A	41.94	Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)	Cum	4075.00	170905.5
20	256.72	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :	Mtr.	101.00	25928.72
21	279.55	Providing & laying broken glazed titles on roof (broken glazed tiles not less than 9 Kg/Sqm) on top of hot bitumen @ 1.7 Kg/Sqm. (1.40 Kg of VG-40 (30/40)grade and 0.30 Kg/Sqm. Of VG-10 (80/100) grade) and joints filled with cement mortar 1 :2 (1 cement:2 marble dust mixed with water proofing compund all complete as per direction of Engineer-in-charge.	Sqm	288.00	80510.4
22	319.37	Providing and laying APP (Atactic Polypropylene Polymer) modified prefabricated five layer 3mm thick water proofing membrane, black finished reinforced with glass fibre matt consisting of a coat of bitumen primer for bitumen membrane @ 0.40 ltr/sq.mt. by the same membrane manufacture of density at 25°C, 0.87-0.89 kg/ltr and viscosity 70-160 cps. Over the primer coat the layer of membrane shall be laid using Butane Torch and sealing all joints etc., and preparing the surface complete. The vital physical and chemical parameters of the membrane shall be as under Joint strength in longitudinal and transverse direction at 23°C as 650/450N/5cm. Tear strength in longitudinal and transverse direction as 300/250N. Softening point of membrane not less than 150°C. Cold flexibility shall be upto -2°C when tested in accordance with ASTM, D-5147. The laying of membrane shall be got done through the authorized applicator of the manufacturer of membrane. 3 mm thick	Sqm.	443.00	141480.91
23		Providing and fixing 25 mm thick Non slippery reflective type designer paving tile with metallic hardening using 2 Kg/sq.mtr made out of cement concrete of required grade, sizes of tile upto 300X300 mm Manufactured with wet cast Vibration system in two layers and laid over base of 20 mm thick cement mortar 1:4 using neat cement slurry in cluding finishing of joints etc. complete.			
A	153.72	Using M-30 grade cement Concrete	Sqm	1244.00	191227.68

24		Plaster on new surface on walls in cement sand mortar 1:6 including racking of joint etc. complete fine finish :			
A	999.44	20mm thick.	Sqm	158.00	157911.52
25		Providing and applying white cement based putty over plastered surface to prepare the surface even and smooth complete			
A	999.44	New Plastered Surface (three or more coats)	Sqm	76.00	75957.44
B	692.9	Old Plastered Surface (two or more coats)	Sqm	42.00	29101.8
26		Distemping with oil bound washable distemper of approved brand and manufacture to give an even shade including all scaffolding:			
A	1692.34	New work (two or more coats) over and including scrapping	Sqm	68.00	115079.12
27	1109.12	Removing dry or oil bound distemper by scrapping sand papering and preparing surface smooth including necessary repairs to scratches by sandla/loi and all scaffolding (for colour changing only)	Sqm	3.90	4325.57
28		Painting exterior surface of Wall with 100% acrylic exterior paint of approved brand and manufacture to give an even shade with two or more coats including preparation of base with sand papering, primer, putty, etc complete in all respect including scaffolding and safety provision			
A	137.87	New Work	Sqm	112.00	15441.44
B	416.22	Old Work	Sqm	45.00	18729.9
29		Finishing walls with textured exterior paint of required shade as per approved colour complete as per manufacturers specifications including primer coat and protecting coat including scaffolding and safety provision	Sqm		
A	148.33	Trowel Finish av. thickness 1500 to 2000 microns.	Sqm	367.00	54437.11
30		Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :			
A	141.95	Two or more coats on new work	Sqm	63.00	8942.85
31		Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-charge.			
A	10.98	1: 3: 6 or richer mix.	Cum	579.00	6357.42
32	2.03	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Cum	845.00	1715.35
33		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.			
A	5.75	In cement mortar.	Cum	489.00	2811.75
34		Demolishing stone rubble masonry 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:			
A	34.28	In cement mortar.	Cum	583.00	19985.24

35		Taking out doors, windows and clearstory windows shutters (steel or wood) including stacking within 50 meters lead:			
A	65	Of area 3 square meter and below.	Each	38.00	2470
36	232	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	Kg	1.00	232
37		Dismantling roofing including ridges, hips, valleys and rafters etc. and stacking the within 50 meter lead of:			
A	36.16	G.I. Sheet.	Sqm	44.00	1591.04
38	262.73	Dismantling old plaster or skirting, raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 meter lead.	Sqm	14.00	3678.22
39	160	Providing and Fixing Aluminium composite panel of approved make 3mm thick with 0.5mm thick skin & PVDF coated approved shade for wall panelling. Main framing work to be done using 50mmx25mmx1.6mm tubular section of approved make. Stainless steel screw to be used to fix the ACP panel to be fixed to the main frame with industrial adhesive tape and panel groove to be sealed with weather proof silicon sealant suitable for glass/aluminium etc. complete in all respect as approved by Engineer-in-charge.	Sqm	2358.00	377280
40	36.60	Providing and fixing Structural glazing work with toughened glass of 6mm thick and reflective colour as approved in dark shade like Blue/Dark Blue etc. with frame work of curtain section 65x60mm (Weight 1.64 kg/m min.) made of aluminium with chrome plating. Internal frame work will also be of curtain section 65x60mm of chrome plated aluminium section with 20x20mm aluminium tube section and structural spacer made of rubber. The aluminium frame work size as per instruction of Engineer-in-charge and including openable panels with all necessary sections and fitting. The work include silicon structural adhesive for complete gripping of glass with framing members and silicon weather seal sealant to prevent moisture/water through joints. Glass will be fixed in plumb and with uniform spacing of 10-12mm wide duly filled with silicon weather seal sealant. The work includes all labour, scaffolding, structural aluminium work, toughened glasses, silicon weather seal sealant, silicon structural adhesive structural spacer, all accessories like handles, peg stays, M-15 grade cement concrete for fixing holdfast. (Face area of glass shall be measured)	Sqm	4892.00	179047.2

41	400.00	<p>Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).</p>	Kg.	457.00	182800
42	51.84	<p>Providing and fixing of UPVC casement openable windows (outward / inward): Outer Frame made from the Extruded UPVC Windows profile section of size 60w X 60h mm having outer wall thickness of 2.5mm (+/- 0.2mm) and three chamber construction, White in finish, duly reinforced with 1.5mm thick GI section. All the four corners shall be mitered cut & thermal welded so as to form window frame. Frame shall be milled with drain and air equalizer hole in order to be water tight and for drainage of accumulated water, if any, to outer side. Fix Mullion made of 60w X 80h mm UPVC profile section with steel reinforcement shall be provided in windows having 2 or more openable shutters, as per the requirement. Frame shall have co-extruded with EPDM/TPE-E gasket fitted in in-built groove of frame profile for proper air & sound insulation of the shutter. I welded at all corners, provided with center mullion (if specified in drawing) of size 60w x 80h mm uPVC Profile Section and fitted with uPVC glazing bead of size 36 x 20mm with inner and outer co-extruded EPDM/TPE-E weather seal gaskets alongwith 6mm thick ISI make plain float glass. ng outer wall thickness of 2.25mm (+/- 0.2mm) provided with reinforcement of 1.5mm thick GI section duly mitered cut & thermal welded at all corners and fitted with UPVC glazing bead of size 36 X 20mm with inner and outer co-extruded EPDM/TPE-E weather seal gasket alongwith 6mm thick ISI make plain float glass. All welding</p>	Sqm	9118.00	472677.12

43	7.28	Providing and fixing of openable uPVC Doors with or without fix top: Frame Made of Extruded uPVC Window Profile Section of size 60w x 70h mm having outer wall thickness of 2.75mm (+/- 0.2mm) and 3 box multi-chamber construction, White in finish, duly reinforced with 1.2mm thick GI section. All the corners shall be mitered cut & thermal welded so as to form door frame. Fix Mullion made of 60w x 80h mm uPVC Profile Section with steel reinforcement shall be provided for the top fix portion of the doors or in case of the doors having more than two openable shutters, as per the requirement / drawing. Frame of openable door shall have „O“ type EPDM gasket fitted in in-built groove of frame profile for proper air & sound insulation of the shutter. Shutter : The shutters of openable door shall be made of 60w x 95h mm Extruded 3 box multi-chamber uPVC Window Profile Section of white colour having outer wall thickness of 2.75mm (+/- 0.2mm) provided with reinforcement of 2.0 mm thick GI section duly mitered cut & thermal accessoreis like handles, peg stays, M-15 grade cement concrete for fixing holdfast .(Face area of glass shall be measured)	Sqm	9930.00	72290.4
		All welding joints of frame and shutter shall be cleaned and milled with the CNC mechanism to provide uniform grooved finish on all visible joints. Hardware: Each openable door shutters is to be fixed with three load beading butt hinges and locking of doors is to be provided with multi-point transmission gear (ESPA) with white finish powder-coated lockable handle. Installation at site: Complete door is to be installed on site with 10 X 100mm fastners with white cap in existing pre-finished wall cut-out cemented to glass level plane at all height & width and silicon glue is applied to fill up the crevices between wall and door frame. Complete in all respect as per the drawing and specification and direction of engineer-in-charge.			
44	340.00	Providing and fixing steel gate, grating , and grills made of angles, tees, square bars, flats,or black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide	Kg.	87.00	29580
A	340	Extra if square,rectangular hollow tubelar sections are used or grill made by flats only	Kg.	8.7	2958
45		Providing and laying cement concrete including curing, compaction etc. complete 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, levelling course etc up to floor five level excluding the cost of centering and shuttering.			
A	1.80	M15 grade Nominal Mix 1: 2: 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	Cum	4647.00	8364.6

46	64.12	CARRIAGE OF MATERIALS Building Rubbish Stone metal (Grit and ballast etc.) FOR 3 KM	Cum	98	6283.76
47		Excavating trenches of required width for pipe cables, etc. including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then returning the soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within a lead of 50 Mtr.: All kinds of soil			
A	75.00	Pipes cables, etc. exceeding 80mm dia but not exceeding 300mm dia.	Mtr.	170.00	12750
48	5	Labour charges for removing W.C. pan (any type) of all sizes with care including all necessary fittings P or S trap.	Each	260.00	1300
49		Dismantling GI pipes (external work) including excavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead:			
A	50	15mm to 40mm nominal bore.	Mtr.	37.00	1850
50		Dismantling CI pipes including excavation and refilling trenches after taking out the pipes, breaking lead caulked joints, melting of lead and making into block, including stacking of pipes lead at site within 50 meter, of dia:			
A	40	Up to 150mm dia.	Mtr.	99.00	3960
51	5	Dismantling of flushing cistern of any size including stacking of useful materials near the site and disposal of unserviceable material within 50 meter lead.	Each	252.00	1260
52		P & F <i>Indian type</i> white glazed vitreous china 1 st quality W.C. orissa pan (IS :2556 Mark) with 100 mm vitreous china P or S trap including cutting and making good the wall and floor:			
A	3	Size 580x440mm.	Each	2800.00	8400
53		P & F <i>European type</i> white glazed vitreous china 1 st quality W.C. (IS : 2556 Mark) including cutting and making good the wall and floor			
A	3	Wall Mounting	Each	3143.00	9429
54		P & F water closet Seat Covers with brass hinges complete :			
A	3	-do- White.	Each	441.00	1323
55	3	Add extra if C.I.P trap is used in place of Vitreous china P trap for W.C.	Each	542.00	1626
56		P & F 1st quality WVC Urinal (IS:2556 mark) with 25mm dia G.I. waste pipe, dome waste couplings, concealed iron brackets or screws etc complete.			
A	3	Flat Back (large) or half stall size 610x400x80mm.	Each	4215.00	12645
57		P&F Marble <i>Urinal Partition slab</i> both sides polished of approved design cut from marble size 900x600mm.			
A	2	Makrana II quality marble having light spots	Each	839.00	1678

58		P & F <i>Low level Flushing Cistern</i> of 10 litres capacity (IS : 2556mark). Of approved make with complete fittings C.I. brackets duly painted, brass ball cock with ball, (IS: 1703 mark) complete including cutting and making good the wall:			
A	6	PVC with PVC bend and superior internal fittings	Each	1495.00	8970
59		P & F C.P. brass <i>Urinal Flush Pipe</i> set complete with flanged brackets of approved make.			
A	1	For 3 Urinals	Each	971.00	971
60	3	P & F C.P. brass <i>Urinal Spreader</i> for stall urinal of approved make.	Each	330.00	990
61		P & F WVC Wash basin (1st quality IS:2556 Mark) of approved make with C.I. brackets duly painted 1 No. 15 mm C.P. Pillar cock (IS:8934 Mark) & 32 mm C.P. brass waste coupling of approved make, P.V.C Waste pipe with PVC nut 32 mm complete including cutting & making good the wall :			
A	5	Size 550 mm x 400 mm dia for counter top	Each	2722.00	13610
62		P & F <i>Bevelled edge Mirror/mirror with teak wood lipping</i> around of special glass of approved make as per direction of Engineer-in-charge complete with 6mm thick commercial ply base fixed to wooden screws & washers.			
A	1.62	Other sizes	Sqm.	1398.00	2264.76
63		P & F <i>Towel Rail or Ring</i> of approved quality/make:			
A	6	C.P. brass Towel Rail elbow type with concealed screws size 600 mm (Heavy duty).	Each	469.00	2814
64		P & F <i>Grating</i> of approved quality/make:			
A	13	Stainless Steel Sheet size 125mm dia.	Each	56.00	728
65		P & F <i>Liquid Soap Container</i> with brackets complete of			
A	5	C.P. brass	Each	216.00	1080
66		P & F <i>Shower arm</i> 15mm dia of approved quality/make.			
A	1	(-do-) size 300mm.(-do-)	Each	306.00	306
67		P & F <i>Bath Shower</i> of approved quality/make.			
A	1	C.P. brass of Heavy & superior quality, revolving with adjustable	Each	521.00	521
68		P & F <i>Extension Pipe</i> for bib cocks of approved quality/make.			
A	29	(-do-) 100 X 15mm.	Each	108.00	3132
69	3	P & F <i>Jet spray</i> for water closet with C.P. Copper Tube flange of approved make.	Each	346.00	1038
70	26.00	Providing & fixing C.P.flange for 15mm dia taps.	Each	16.00	416
71	126.43	Providing and fixing 1st quality standard white, grey, ivory, fume red brown, light green, light blue and other light shades glazed tiles confirming to IS : 13753 & IS :15622 of size 200mm x 300mm in walls, floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (excluding the cost of cement plaster on walls and pillar).	Sqm.	613.00	77501.59

72	29.81	Providing and fixing 1st quality MAT finished ceramic tile size 300x300mm confirming to IS : 13755 and IS : 15622 colour such as white, grey, ivory, fume red brown, light green, light blue and other light shades in floors, steps, pillars etc. laid on a bed of neat cement slurry finished with flush pointing in the white cement mixed with pigment to match the shade of the tile complete (including the cost of cement mortar bed 1:4).	Sqm.	680.00	20270.8
					0
73	126.43	Extra for using Marble printed / Granite shade or dark shade tiles instead of white, grey, ivory, fume red brown, light green, light blue and other light shades in glazed tiles and MAT finished tiles.	Sqm	61.3	7750.16
					0
74	156.24	Extra for using size above 200x300mm in glazed tiles and for using 400mm x 400mm MAT finished tiles in place of 300mm x 300mm size.	Sqm	61.3	9577.51
75		Making connection of G.I. distribution branch with G.I. main including all fitting.			
A	8	Upto 25mm dia	Each	241.00	1928
76		P & F Bib Cock (IS : 8931 Mark), Superior quality of approved make:			
A	6	C.P. Brass bib cock, 15mm nominal bore.	Each	536.00	3216
B	3	(-do-) Long body, 15mm nominal bore weight not less than 690 gm	Each	712.00	2136
77		P & F Stop Cock (IS :8931 Mark), superior quality & of approved make:			
A	4	Brass 400 gm. 15mm nominal bore.	Each	290.00	1160
78		P & F Ball Cock (IS :1703 Mark) with Rod & P.V.C. Ball complete :			
A	4	Brass wt. Not less than 300 gm , 15mm.	Each	285.00	1140
79		P & F Inlet Connection (Angle Valves) Superior quality, of approved make, for Wash basin, Gvser etc.			
A	17	C.P. Inlet connection 15mm.Brass (IS : 8931 marked)	Each	455.00	7735
80		P & F 15 mm. Dia Connection Pipe of approved quality/make :			
A	12	(-do-) 450mm.	Each	92.00	1104
81		P & F Full-way Valve (IS:778 Mark) or wheel valve of approved make :			
A	4	Gun-metal 15mm nominal bore.	Each	206.00	824
82		P & F PVC Storage Tank ISI Marked (IS : 12701) indicating the BIS license No), of approved make with cover, 25mm dia 1M long G.I. over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including making connection etc., complete of approved design:			
A	4	1000 (-do-)	Each	7128.00	28512
83		Hoisting Charges for each floor :			
A	4	For items 2.26.5 to 2.26.8	Each	143.00	572

84		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. (Concealed work including cutting chases and making good the walls etc.)			
A	130	15 mm nominal outer dia pipes	Rm	254.00	33020
85		Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings, this included jointing of pipes & fittings with one step CPVC solvent cement , trenching refilling & testing of joints complete as per direction of Engineer in Charge. (External work).			
A	45	32mm nominal outer dia pipes	Rm	312.00	14040
86		Providing, Laying & Jointing R.C.C. class NP-2 Non-Pressure pipes (IS : 458mark) of approved make with collars, jointed with C.M. 1:2 or having Spigot and socket ends with flexible rubber rings joint including testing of joints etc. complete :			
A	4	150mm dia Internal	Mtr.	545.00	2180
87	4	Labour charges for making connection of sewer line through main hole.	Each	590.00	2360
88		Construction of <i>manhole</i> in all type of soil inner size 90 X 60 Cm. 300 mm thick masonry in CM 1:6, 10 Cm. thick cement concrete 1:5:10 in foundation, 20 mm thick inside plaster in CM 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring, making channels, 80mm thick stone slab covering with 40mm thick M-15 grade C.C. flooring, Cement cover with frame of 450mm dia, earthwork etc. complete as per design including disposal of surplus earth within 50 mtr. lead.			
A	8	Depth up to 0.5 M	Each	4990.00	39920
B	12	Add extra over item 3.19.1 for every additional 0.10m depth above 0.5 m depth.	Each	187.00	2244
89		Construction of <i>chamber</i> in all type of soil with 300 mm thick masonry in CM 1:6 m,10 cm thick C.C. 1:5:10 in foundation, 20mm thick insides plaster in Cm 1:6, finished with floating neat cement, 50mm thick M-15 grade C.C. flooring , earthwork etc. complete as per design including disposal of surplus earth within a lead of 50 mtr.			
A	7	Inside size 300 X 300 mm depth upto 0.5 M Cement cover with frame.	Each	954.00	6678
B	7	Deduct for using brick work 230 mm thick in place of 300 mm thick stone masonry		414.00	2898
90		P & F Sand –cast Floor Trap (Nahni) of (IS:1729 mark) of approved quality/make with socket down or hinged grating including cutting and making good the floor.			
A	19	Size 100 x 100mm	Each	756.00	14364

91		Providing & fixing Spun –Centrifugally cast Iron Pipes (IS : 3989 Mark) of Approved make in wall or in floor with M.S. Holder bat clamps in 10 X 10 X10 Cm. M-15 Grade concrete blocks, joints filled with CM 1:4 with spun yarn including cutting holes and making good the wall:-			
A	59	100 mm dia	Mtr	1181.00	69679
92		Providing & fixing Spun –Centrifugally cast Iron Pipes fitting (IS : 3989 Mark) in CM 1:4 with spun Yarn.			
		100 mm –do-			
A	10	Socket	Each	472.00	4720
B	14	Bend	Each	595.00	8330
C	6	Cowel	Each	490.00	2940
D	6	Tee	Each	814.00	4884
93		P & F <i>Sand-cast Iron</i> (S.C.I.) Pipe (IS : 1729mark) of approved make in wall or in floor with M.S. holder bat clamps in 10 X 10 X 10 Cm. M-15 grade concrete blocks, joints filled with CM 1:4 with spun yarn including cutting holes and making good the wall:			
A	30	100mm dia	Mtr.	1116.00	33480
94	12.00	Add extra for <i>Lead caulked joints</i> (IS:782-1978) in sand cast iron pipes/spun-			
95		P &F <i>S.C.I. Fittings</i> (IS : 1729 mark) in CM 1:4 with spun yarn.			
		100mm-do-			
A	10	Socket	Each	409.00	4090
B	16	Bend	Each	602.00	9632
96		Construction of Cement Concrete Chamber 125mm dia.			
A	19	Stainless Steel Sheet Grating	Each	155.00	2945
		TOTAL			4612167.51
		say			4612168.00
					RS

EXECUTIVE ENGINEER
ESTATE SECTION MNIT
JAIPUR

I/We hereby agree to execute the work @%Above/Below of Schedule 'G'

SIGNATURE OF THE CONTRACTOR WITH FULL POSTAL ADDRESS