

It. No.	Description	Total Quantity	Unit	Rate	Amount
1	3	4	5	6	7 = 4 x 6
B	PLUMBING & SANITATION ITEMS				
1	Providing and laying in treanches Galvanised mild steel tubes 50mm dia. of tata/jindal/asian company (C class) including necessary fittings and including excavation for trenches and reffiling including testing the joints for water leak proof etc.. complete in true line and level and as directed by E.I.C.	50.00	Ru.m	446.09	22304.25
2A	Providing and fixing to wall, ceiling and floor Galvanised mild steel tubes 40mm dia. of Tata / Jindal / asian company (C class) including necessary fitting, clamps including making good the wall, ceiling & floor including testing the joints for water leak proof etc.. complete in true line and level and as directed by E.I.C.	42.80	Ru.m	411.07	17593.80
2B	Providing and fixing to wall, ceiling and floor Galvanised mild steel tubes 25mm dia. of tata / jindal / asian company (C class) including necessary fitting, clamps including making good the wall, ceiling & floor including testing the joints for water leak proof etc.. complete in true line and level and as directed by E.I.C.	24.50	Ru.m	267.65	6557.43
2C	Providing and fixing to wall, ceiling and floor Galvanised mild steel tubes 15mm dia. of tata / jindal / asian company (C class) including necessary fitting, clamps including making good the wall, ceiling & floor including testing the joints for water leak proof etc.. complete in true line and level and as directed by E.I.C.	29.60	Ru.m	155.54	4603.98
3	Providing and fixing brass Ball cock (PVC HDP black) 40mm dia. of approved quality with necessary fittings including fixing in pipeline and testing the same etc... complete as directed by E.I.C.	1.00	Nos.	574.83	574.83
4A	Providing and fixing 50mm dia. Zoloto bronze handle valve including fixing in pipeline and testing the same... etc.. complete as directed by EIC	1.00	Nos.	2355.61	2355.61
4B	Providing and fixing 40mm dia. Zoloto bronze handle valve including fixing in pipeline and testing the same... etc.. complete as directed by EIC	3.00	Nos.	1642.36	4927.08
5	Providing and fixing 15mm dia. Brass polished bright screw down Bib tap of AQUEL modal no.DR-09-20 / Jaguar Continental Series make model no. CON-037 / prayag make PIS-06 H Neptune series / jalangi of jal make / plumber make EC-0202 water tap brand or approved ISI brand quality, fixing in pipeline and testing the same... etc., complete., as directed by EIC	11.00	Nos.	1073.40	11807.40

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1	3	4	5	6	7 = 4 x 6
6	Providing and fixing water closet squattig pan (Orrisa pan) size 510mmx400mm of CERA (Prima) code no.2071 superior colours including "P" trap, earthwork, bed concrete and testing the same..etc. complete as directed by E.I.C.	1.00	Nos.	2855.65	2855.65
7	Providing and fixing Cera brand wash down water closet European type W.C. pan (540x390x400mm) CERA CAMELIA make Modal No.3145 Snow white / Hindware model no. 20011 or 20002 with integral "P" or "S" trap including snow white quality plastic seat cover Camelia make Modal no. 2380 with jet spray & P.V.C. pipe connected C.P. brass Stop cock 15mm dia. Aquel make Modal no. DR-09-18 / jaquar make CQT-23053 / prayag make PIS-18H neptune / plumber make EC-0405, jointing the trap with soil pipe in cement mortar 1:1(1 Cement: 1 Fine sand) and testing the same etc. complete as directed by E.I.C.	2.00	Nos.	3921.43	7842.86
8	Providing and fixing 25 mm dia Chromium plated brass push up Flush cock of Aquel FV-02-MR / Jaquar make modal no.1081 KN Continental Series / Prayag make m. 8398 mist series / Plumber make 1010 including fixing in pipe line and necessary testing etc. Complete as directed by E.I.C.	3.00	Nos.	3284.72	9854.16
9	Providing & fixing white colour flats Vetrious china WASH BASIN Cera make Cadal model no.2810 / Hindware model no. 10010 of size 500mm x 400mm with single hole for pillar tap with C.I. or M.S. brackets (Painted white) including cutting holes & making good the same, including fixing C.P. Brass waste coupling 32mm dia. & 32mm dia. rigid P.V.C. waste pipe & 15mm dia. pillar tap (Aquel Make Modal no. DR-09-38) basin Faucet (Pillar cock) / jaquar Make Model no. 011/ prayag make PIS-02 H Neptune series / jalangi of jal make / plumber make EC-0106 C.P. screwed down high pressure with screw shank and back nuts & rubber plugs, 15mm dia. brass stop cock (Aquel Make Modal no. DR-09-18) / jaquar make model no. 069 / prayag make PIS-10 H, Neptune series/ plumber make EC-0507, 15mm P.V.C. connection pipe etc.. complete as	3.00	Nos.	4497.72	13493.16
10	Providing and fixing platform STEINLESS STEEL SINK of NIRALI BRAND / HINDWARE MAKE of size 600 mm X 450 mm X 150 mm with CI or MS brackets, painted white including cutting holes in walls and making good the same including fitting stainless steel sink and including the cost of providing and fixing rigid P.V.C. waste pipe of 32mm dia. and including cost of PVC connection waste pipe 32mm dia. with PVC waste coupline 32 mm dia. and testing the same for leak proof etc. complete as directed by E.I.C.	1.00	Nos.	5669.38	5669.38

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1	3	4	5	6	7 = 4 x 6
11	Providing and fixing 600 mm x 450 mm Bevelled edge Mirror or superior glass mounted on 6mm thick AC sheet or plywood sheet and fixed to wooden plugs with CP brass screwws and washers, including fixing glass shelevs of 600 mm x 120 mm size with CP brass bracket support and guard rail fixed to wooden plugs with CP brass screws etc. complete as directed by EIC	3.00	Nos.	593.88	1781.64
12	Providing and fixing P.V.C. Nahni Supreme Trap (110x75mm) nominal diameter of self cleaning design with P.V.C. greeting zali 110mm in size including fixing P.V.C. reducer & rubber paking ring & jointing with adhesive solvent cement iincluding cost of cutting & making good the walls & floor and testing the same etc. complete as directed by E.I.C.	7.00	Nos.	230.46	1613.22
13A	Providing, laying and lowering, jointing in true line & level or slope 160mm internal diameter P.V.C. pipes of working pressure 6 kg/sq.cm (FINOLEX / SUPREME/ JAIN / PRINCE / DUTRONE / ASTRA) for drainage-pipe line fitted in trenches including excavation for trenches & reffiling including necessary fittings, testing of pipe & jointing with adhessive solvent cement including the cost of all types of fixing materials & water tight testing the line etc. completed as directed by E.I.C.	17.85	Ru.m	705.71	12596.98
13B	Providing, laying and lowering, jointing in true line & level or slope 110mm internal diameter P.V.C. pipes of working pressure 6 kg/sq.cm (FINOLEX / SUPREME / JAIN / PRINCE / DUTRONE / ASTRA) for drainage-pipe line fitted in trenches including excavation for trenches & reffiling including necessary fittings, testing of pipe & jointing with adhessive solvent cement including the cost of all types of fixing materials & water tight testing the line etc. completed as directed by E.I.C.	17.50	Ru.m	377.96	6614.30
14A	Providing, laying and jointing (to level or slopes) 110mm internal dia. P.V.C. pipes of working pressure 6 kg/sq.cm (FINOLEX / SUPREME / JAIN / PRINCE / DUTRONE / ASTRA) for drainage-line in floors including necessary fitting such as bends, tees, clamps at interval of 2m c/c, rubber packing ring, door T, Door cap etc. testing of pipe line, jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures, fitting air and water tight testing the line including cutting and making floors and walls as per original/good enough if require.... etc., complete. as directed by E.I.C.	26.85	Ru.m	455.20	12222.23

It. No.	Description	Total Quantity	Unit	Rate	Amount
1	3	4	5	6	7 = 4 x 6
14B	Providing, laying and jointing (to level or slopes) 75mm internal dia. P.V.C. pipes of working pressure 6 kg/sq.cm (FINOLEX / SUPREME / JAIN / PRINCE / DUTRONE / ASTRA) for drainage-line in floors including necessary fitting such as bends, tees, clamps at interval of 2m c/c, rubber packing ring, door T, Door cap etc. testing of pipe line, jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures, fitting air and water tight testing the line including cutting and making floors and walls as per original/good enough if require.... etc., complete. as directed by E.I.C.	46.20	Ru.m	252.91	11684.31
14C	Providing, laying and jointing (to level or slopes) 40mm internal dia. P.V.C. rigid pipes of working pressure 6 kg/sq.cm (FINOLEX / SUPREME / JAIN / PRINCE / DUTRONE / ASTRA) for drainage-line in floors including necessary fitting such as elbow or tees etc. testing of pipe line, jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures, fitting air and water tight testing the line including cutting and making floors and walls as per original/good enough if require.... etc., complete. as directed by E.I.C.	11.95	Ru.m	104.51	1248.90
15A	Providing and fixing 110mm dia. P.V.C. Cowl vent of working pressure 4 kg/sq.cm including jointing with Supreme adhesive solvent cement including fixing the same in true line and level... etc., completed by EIC	2.00	Nos.	57.82	115.64
15B	Providing and fixing 75mm dia. P.V.C. Cowl vent of working pressure 4 kg/sq.cm including jointing with Supreme adhesive solvent cement including fixing the same in true line and level... etc., completed by EIC	3.00	Nos.	51.43	154.29
16	Providing and fixing SW gully trap of size 300mm x 300mm (inside) with CI grating brick masonry chamber and water tight CI cover with frame of standard weight including Square mouth traps, 150mm x 100mm size - P type and testing the same etc. complete as directed by E.I.C.	3.00	Nos.	1286.74	3860.22

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1	3	4	5	6	7 = 4 x 6
17	Construction of brick masonry chamber inside dimension 455mm x 610mm and required depth for drainage pipeline, with required inlet and outlet for underground C. I. Inspection chamber and with 230mm thick brick wall having crushing strength not less than 35 Kg./Sq.cm. in C. M. 1:5 (1 Cement, 5 sand) R.C.C. cover with frame (light duty) 445mm x 610mm internal dimensions, foundation concrete 1:5:10 (1 Cement, 5 sand, 10 stone agg. 40mm nominal size) inside plaster 15mm thick in Cement mortar 1:3 (1 Cement, 3 Sand) finished smooth with floating coat of neat cement slurry on walls and bed concrete curing etc. in true line and level etc. complete as directed by Engineer-in-charge.	6.00	Nos.	2768.41	16610.46
18	Providing, laying and jointing (to level or slopes) 110mm internal dia. rigid PVC pipes of working pressure 6 kg/sq.cm for RAIN WATER (FINOLEX / SUPREME / JAIN / PRINCE / DUTRONE / ASTRA) fitted in walls including necessary fitting such as bends, tees, clamps at interval of 2m c/c, door T, rubber packing ring etc. including jointing with adhesive solvent cement including cost of jointing materials and all other necessary fixtures, fitting air and water tight testing the line including cutting and making floors and walls as per original/good enough	32.60	Ru.m	384.04	12519.61
19	Providing and constructing B.B masonry and cement concrete for SEPTIC TANK of 3.00m x 0.90m x 1.50m depth internal dimension with excavation & depositing off the excavated stuff as and where directed including providing laying brick masonry in C.M. 1:6 (1 cement : 6 sand) with using common burnt clay conventional building brick having crushing strength not less than 35kg/sq.m for necessary compartment for chamber & septic tank with necessary inlet & outlet with cement plaster 15mm thick on wall, I.P.S. flooring, bed concrete, R.C.C. top slab, M.H. cover 610mm x 455mm of C.I., air vent pipe with cowl vent and cement vata Of 10cm x 10cm size in C.M. 1:1 etc.. complete as per detailed drawing and directed by E.I.C.	1.00	Nos.	26618.12	26618.12

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1	3	4	5	6	7 = 4 x 6
22	Providing and constructing double wall SOAK WELL of 2.50m internal dia. & 5.50m depth (0.50m above G.L.) internal clear dimension including the cost of excavation, foundation 1:4:8 for outer wall & honey combed masonry of 3.00m height in C.M. 1:6 (1 cement : 6 coarse sand), casting R.C.C. 1:2:4 (1 cement : 2 sand, 4 graded sone aggregate 20mm nominal size) top slab 12mm thick with super quality RCC Manhole cover 60cm x 45cm size, 75mm dia. C.I. pipe 1.80m long with 75 mm dia cowl vent and filling between the wall including providing vata in C.M. 1:3 (1 cement : 3 sand), plastering up to top & outer wall up to 300mm deep from G.L., curing including cost of reinforcement etc. complete as per	1.00	Nos.	49481.39	49481.39
TOTAL COST OF PLUMBING & SANITATION WORKS					267560.89

Sign of contractor

Executive Engineer
Anand Agricultural University,
Anand.