

Name of the Work "Construction and Renovation of Jharpalam UG High School "

TENDER SCHEDULE

Sl NO	Description of Item	Unit	Quantity	Rate	Amount
1	Earth Work in exavation of foundation in ordinary soil within initial leads of 50m & lifts of 1.5m including dressing and levelling of bed etc. and adding contractor's profit and over head charges, etc. complete in all respect	cum	287.899	116.74	33609.00
2	Supplying & filling foundation and plinth with course sand well watered and rammed including cost, cost of all labour, carriage, royalty, etc complete.	cum	357.921	319.85	114481.00
3	Dismantling and removing Cement Concrete and R.C.C. in all locations including stacking the useful materials for reuse and removing the debris within 50m lead as suggested by School Management Committee.	cum	14.000	1153.37	16147.00
4	Dismantling brick masonry in cement mortar 3m. Height including stacking the useful materials for reuse and removing the debris within 50m. Lead as suggested by School Management Committee.	cum	64.000	1084.95	69437.00
5	Removing old lime or cement plaster from walls including raking out joints 12 mm deep and removing the debris within 50m lead etc. all complete	Sqm	839.880	38.84	32621.00
5.1	A.S Flooring Existing Building	Sqm	391.331	77.68	30399.00
6	Cement Concrete (1:3:6) using 4cm size hard granite C.B. metal approved quality from approved quarry including cost, carriage, royalty, cost of all labour. etc complete.	Cum	130.000	5851.36	760677.00
7	R.C.C. work of M-20 grade with 20mm and down grade black hard granite (crusherbroken) stone chips including hoisting and laying				
7.1	Foundation	Cum	34.727	5633.10	195621.00
7.2	Columns Base & Footings	Cum	11.065	5633.10	62330.00
7.3	R.C.C. Column / Beam				
	Ground Floor	Cum	35.487	11293.90	400787.00
	First Floor	cum	15.271	12538.50	191475.43
7.4	R.C.C Roof Slab				
	Ground Floor	Cum	42.767	9739.30	416521.00
	First Floor	cum	17.875	10674.50	190806.69
7.5	RCC Stair case				
	Ground Floor	cum	2.000	10820.60	21641.20
7.6	R.C.C Chajja				
	Ground Floor	Cum	2.436	824.70	2009.00
	First Floor	cum	0.338	923.80	312.24
7.7	TIE BEAM				
	Ground Floor	Cum	17.554	5987.79	105110.00
7.8	LINTEL				
	First Floor	cum	2.415	9975.60	24091.07
	Ground Floor	Cum	6.613	9157.60	60559.00
8	Providing M.S. reinforcement for R.C.C. work including cutting, bending, binding and tying the grills and placing in position including cost of binding wire 18 to 20 gauge and cost and carriage of steel. etc. complete.				
	Ground Floor	Qtl	188.548	8424.90	1588498.00

Ceramic
Ground
Painting
with a

9	Brick work with Fly ash Bricks 23cm x 11cm x 8cm size having crushing strength not less than 75Kg/cm ² with dimensional tolerance ± 2 percent in cement mortar (1:6) in Foundation and Plinth including watering curing, cost of carriage and royalty of all materials, cost of all labour, etc complete.				
	Below Plinth	Cum	32.877	4035.60	132678.00
	Ground Floor Qty.	Cum	114.781	4068.90	467032.00
	First Floor	Cum	117.425	4330.70	508532.00
	Septictank	Cum	8.170	3829.30	31285.00
	Terrace	cum	7.093	4631.90	32854.00
10	12mm thick C.P.(1:6) on brick masonry to the smooth surface including watering, curing, cost, carriage, royalty of all materials, cost of all labour, etc complete as per the direction of E.I.C.				
	Ground Floor Qty.	Sqm	1023.384	140.90	144195.00
	First Floor	Sqm	228.581	146.40	33464.00
11	16mm thick C.P. (1:6) over brick masonry to the smooth surface including watering, curing cost, carriage, royalty, and taxes of all materials, cost of all labour, etc complete as per the direction of E.I.C.				
	Ground Floor Qty.	Sqm	1091.923	215.70	235528.00
	First Floor	Sqm	172.620	220.80	38114.00
	Terrace	Sqm	61.440	229.50	14100.00
12	6 mm thick C.P. (1:4) to RCC surfaces finished smooth including closed deep chiping and slury treatment , watering, curing cost, carriage & royalty of all materials, cost of all labour, etc complete as per the direction of E.I.C.				
	Ground Floor Qty.	Sqm	724.067	154.90	112158.00
	First Floor	Sqm	74.924	158.79	11897.00
13	Supplying, fitting and fixing tile in floors of approved make conformaing to IS:13755 laid on 20 mm thick cement mortar (1:4) and filling joints with white cement of approved quality including cost of all materials, etc. required for the work all complete as per direction of E.I.C.				
	Kota Tiles (Upto 0.10sqm)				
	Ground Floor Qty.	Sqm	101.09	971.14	98173.00
	Anti Skid Ceramic Tiles (300x300) mm				
	Ground Floor Qty.	Sqm	48.17	916.64	44151.00
	Anti-Skid / Matte Finish Tile (600x600) mm				
	Ground Floor Qty.	Sqm	865.90	1134.31	982201.00
	First Floor	Sqm	107.14	1155.18	123765.99
14	Fixing tiles in skirting and risers of steps on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.				
	Vitrified tiles				
	Ground Floor Qty.	Sqm	3.72	1328.30	4941.28
	Anti-Skid / Matte Finish Tile (600x600) mm				
	Ground Floor Qty.	Sqm	11.97	1328.30	15900.00
15	Fixing tiles in dados on 12mm thick CP (1:3) jointed with neat cement slurry mixed with pigments to match the shade of the tiles including cost, carriage, cost of all labour etc. complete.				

	Ceramic Tiles				
	Ground Floor Qty.	Sqm	128.125	1111.10	142360.00
16	Painting two coats with approved paint on old iron work with approved enamel paints of approved colour, shade over a coat of primer including sand papering, polishing the surface, cost, conveyances of all materials and cost of all labour etc, complete as per specification & direction of Engineer-in-charge.				
	Ground Floor Qty.	Sqm	115.2	133.88	15423.00
17	Dismantling and removing doors, windows and ventilators including removal of frame, hinges, fastening and stacking the same for reuse and removing the debris within 50m lead as suggested by School Management Committee.	Sqm	55.28	810.84	44823.00
18	Finishing wall surface with one coat of Cement based wall putty (water based) of approved make and finished smooth & even surface to receive painting including cost of scaffolding etc. with cost of all materials, labour etc. complete.				
	Ground Floor Qty.	Sqm	3017.09	48.40	146027.00
	First Floor	Sqm	476.13	56.67	26982.00
	Second Floor	Sqm	61.44	64.89	3986.84
19	Finishing wall surface with two coat of Cement based wall putty (water based) of approved make and finished smooth & even surface to receive painting including cost of scaffolding etc. with cost of all materials, labour etc. complete.				
	Ground Floor Qty.	Sqm	3127.894	77.50	242412.00
	First Floor	Sqm	476.125	90.66	43165.00
	Terrace Floor	Sqm	61.44	103.80	6377.47
20	Priming 1 coat with wall primer water bond cement primer including all labour, materials etc. complete.				
	Ground Floor Qty.	Sqm	20.8	56.20	1169.00
		Sqm	3523.219	54.40	191663.11
	First Floor	Sqm	537.565	55.80	29996.13
21	Wall painting 2 coats with plastic emulsion paint of approved shade on new work to give an even shade exculding cost of paint				
	Ground Floor Qty.	Sqm	1712.091	101.50	173777.00
	First Floor	Sqm	303.505	103.10	31291.37
22	Wall painting two coat with any approved weather coat paint including cost of all materials, labour and T&P require for the work etc. complete as directed by the E.I.C.				
	Ground Floor Qty.	Sqm	1786	74.40	132878.00
			20.8	73.60	1530.88
	First Floor	Sqm	172.62	76.20	13154.00
	Terrace	Sqm	61.44	76.60	4706.30
23	Providing waterproofing for Roof/Toilet/SukenSlab:- Cleaning the inside surface & Application of two coats of sika/dr fixit Top seal 109 hi @ 2.2 Kg/Sqm & Sika/dr fixit Fab-1 to the battom slab & side wall surface to protect against leakage & seepage finally covered with a cement mortar (1:4). Proper care should be taken to fill the pipe penetration points with sikagard 694 fi (moisture resistant epoxy putty) complete as per manufacture specification and direction of Engineer-In-Charge.				

	Ground Floor Qty.	Sqm	391.33	650.00	254365.00
24	Extra for pre finished nosing in treads of steps of Kota stone slab.	Rmt	0	81.12	0.00
25	5 cm thick grading concrete (1:2:4) on roof slab with 12mm & down grade size black hard granite chips for old & New work.	Sqm	391.33	691.75	270703.00
26	Providing and fixing TATA Pravesh Plain wooden finish Doors (Termite-Resistant, Weather proof, Environment friendly, Longevity, Strength) with shutter of approved size constructed from 0.8mm (22SWG) thick skin pass Galvanised Iron Sheet (Conform to IS 277), thickness of flush doors shall be 30mm and In-Fill Honeycomb Kraft Paper. Door frames conform to IS 4351: 2003 constructed from 1.2mm (18SWG) thick skin pass galvanised iron sheet (conform to IS 277) formed to single rebate profile of size 100mmx58mm. The door frames and door shutters are coated with Zinc Phosphate primer to receive any paint on site or finished with thermosetting polyurethane paint of Aliphatic Grade including fixing of accessories of SS Ball bearing butt hinges of 102mm x 76mm x3mm-4No., Lever handle with lock HLIP 06SS-1 No., SS Tower Bolt 200mm long-1No. including T&P, material, hire charges and fixing at location etc. all complete under instruction of EIC.				
	Wood Finish Door size 1200 * 2130	28	nos	23259.16	651256.48
28	Providing and fixing of TATA Pravesh (Oyster window) base variant double shutter window with grill & glass (Termite-Resistant, Weather proof, Environment friendly, Longevity, Strength), window frames and leaves of skin Pass Galvanised Iron sheet (as per IS513 "D" Quality, Galvanised as per IS 277 with Hot Zinc Coating of 120grams /Sq. Mtr & thickness of 0.6mm), Window shutter of 0.6mm (24SWG) thick skin pass Galvanised Iron sheet, Window Frames 8mm (22SWG) thick skin pass Galvanised Iron Sheet of Size 80mmx45mm, Mullion should be 8mm (22SWG) thick skin pass Galvanised Iron Sheet of size 80mmx60mm, Vision Glass 4mm clear float glass in rectangular shape. Height & width at least 8.8mm less than that of the shutter height & width, Finished of window with coated zinc phosphate primer or Thermosetting Polyurethane paint of Aliphatic Grade providing high levels of scratch resistance and durability. Window grill shall be made by 10mm Square MS bright bars. Windows accessories : SS Pin type Hinges -6No., Polypropylene handle -2No., Friction stay Powder coated-1No., MS Powder coated Tower Bolt -2 No. 150mm long, EPDM should be used all around glass				
	Ventilator	nos	8	12287.88	98303.00
	Window 1.2x1.2	19	nos	29368.88	558008.72
	Ventilator	6	nos	12287.88	73727.28
27	Supplying, fitting and fixing of stainless steel of 304 grade in hand railing using 50mm dia of 32mm x 32mm x 2mm @ 0.90mtr C/C and stainless square pipe bracing of size 32mm x 32mm x 2mm 3 rows in staircase as per approved design and specification, buffing, polishing etc with cost, conveyance, taxes of all materials, labour, T & P etc required for the work complete in all respect. (Data for 3.26 sqm.)	Rmt	50	3515.30	175765.00

28	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge. 60 mm thick, M-35 grade	Sqm	225	884.75	199069.00
29	providing and laying at or near level factory made kerb stone of m25 garde cc in position line level of curvature jointed with cement mortar 1:3.(precast C.C kerb shall be measured for paymet.	Sqm	33	6844.89	225881.00
30	Iron works wrought & put in grated door, windows & cage latrines(per 1 qntl)	Qtl	2.00	13675.04	27350.00
31	Providing fitting and fixing of false ceiling with Aluminium anodised T Section No. 3215 with 2'-0" center to center, L section No. 1705 upto 15 micron on 4 walls to be fixed by means of steel screw and P.V.C plug and the Aluminium grid 2'-0"x2'-0" suspended from ceiling etc complete	Sqm	159.57	2324.74	370959.00
32	Cycle Stand				
	Providing corrugated G.S Sheet Roofing in Cycle Stand including vertical/ horizontal curved surface fixed with polymer coated j or l hooks, bolts and nuts 8mm diameter with bitumen and g.i limpet washers or with g.i mipet washers filled with white lead, including a cloat of approved steel primer and two coats of approved paint or overlapping of sheets complete(upto any pitche in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required. 1.00mm thick with zinc coating not less than 275gm/m	Sqm	75	1234.25	92569.00
33	Stuctural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	Kg	2520.00	101.75	256410.00
34	Iron works wrought & put in grated door, windows & cage latrines(per 1 qntl)	Qtl	6.00	14310.69	85864.00

35	Cement Concrete (1:2:4) 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. using 12mm size hard granite C.B. chips approved quality from approved quarry including cost, carriage, royalty, cost of all labour. etc complete and as directed by E.I.C.	cum	30	6578.43	197353.00
36	Priming one coat with any approved primer including cost of primer & labour to give an even shade excluding cost of primer.	Sqm	0.00	56.20	0.00
37	Dry brick on edge flooring in required pattern with bricks of class designation 7.5 on a bed of 12 mm mud mortar, including filling joints with sand, with common burnt clay non modular bricks.	Sqm	1.38	516.00	712.00
38	560 mm diameter C.I. cover (heavy duty) the weight of the cover to be not less than 108 kg	Each	2	5891.20	11782.00
39	Providing and laying non-pressure NP2 class (light duty) R.C.C. pipes with collars jointed with stiff mixture of cement mortar in the proportion of 1:2 (1 cement : 2 fine sand) including testing of joints etc. complete :				
	250 mm dia. R.C.C. pipe	mt	12	482.05	5785.00
	40mm thick Brick Ballast Aggregate	Cum	0	4651.00	0.00
	50 to 80mm Brick Ballast Aggregate	cum	0	4651.00	0.00
40	Honey-comb brick work 10 / 11.4 cm thick with common burnt clay bricks of class designation 7.5 in substructure upto plinth level with cement mortar 1:4 (1 cement : 4 coarse sand).	Sqm	8.89	331.30	2945.00
41	Supply and filling of brick bats for soak pit of approved size as shown in the drawing etc. all complete under instruction of Engineer in charge.	cum	1.34	2009.00	2692.00
42	Supply and filling of brick bats for soak pit of approved size as shown in the drawing etc. all complete under instruction of Engineer in charge.				
	40mm thick Brick Ballast Aggregate	3.78	Cum	4651.00	17580.78
	50 to 80mm Brick Ballast Aggregate	0.37	Cum	4651.00	1720.87
43	Cement Concrete (1:2:4) using 12mm size hard granite C.B. chips approved quality from approved quarry including cost, carriage, royalty, cost of all labour. etc complete.	30	Cum	6578.43	197352.90
46	Supplying of MS Door,window with grills,Grills made out of MS Angle frame,MS Flat sheet etc of approved section and design, electrically welded properly with all necessary locking arrangement and 1 coat red oxide primer including all cost of materials and labour charges etc.	272.67	kg	135.38	36914.06
					12414892.10
	Total				12414892.10
			Limited to	(A)	12414891.00
	Electric Works				

Recessed
Point / C
Single
marked

1	Recessed wiring to Light Point / Fan Point / Exhaust Fan Point / Call Bell Point with 1.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 Volt piano type swich ISI marked and ceiling rose ISI marked mounted on MS box having front bakelite cover of suitable size, MS box with 1.0 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked as earth wire including all accesories and connection as per direction of engineer in charge. (Make of wire Finolex / L&T / Anchor / Hevels / V				
	a) Light point				
	Long	Nos	10	861.00	8610.00
	Midium	Nos	20	607.00	12140.00
	Short	Nos	40	386.00	15440.00
	b) Celling fan point				
	Short	Nos	20	602.77	12055.00
	c) 5 A plug point	Nos	20	393.94	7879.00
2	Recessed wiring for 15 / 16 Amp socket outlet with 2 X 4.00 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC flexible conduit with 5 Amp, 250 Volt piano type swich ISI marked, Phenolic laminated sheet of suitable size ISI marked MS box and earthing point with 1 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor for loop earthing etc. as required, as per direction of engineer in charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	Nos	20	543.18	10864.00
3	Recessed wiring to Sub-Main in 2 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 20 mm dia non-metallic PVC heavy duty flexible conduit with 1.60 mm thick, along with 1 X 1.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor as earth wire as required as per direction of Engineer-in-Charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	mtr	100.00	154.29	15429.00
4	Recessed wiring to Sub-Main in 2 X 4.00 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 25 mm dia non-metallic PVC heavy duty flexible conduit with 1.60 mm thick, along with 1 X 2.50 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor as earth wire as required as per direction of Engineer-in-Charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	mtr	100.00	154.00	15400.00

5	Recessed wiring to Sub-Main in 2 X 10 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor of ISI marked with 25 mm dia non-metallic PVC heavy duty flexible conduit with 1.60 mm thick, along with 1 X 4 sq. mm FR PVC insulated Single Core Multi standard Copper Conductor as earth wire as required as per direction of Engineer-in-Charge. (Make of wire Finolex / L&T / Anchor / Hevels / V Guard)	mtr	50.00	241.98	12099.00
6	Earthing with G.I earth pipe 3 mtr long 40 mm dia ISI mark including accessories and providing machinery enclosure with cover plate having locking arrangement and watering pipe etc. with charcol and salt etc.	Nos	3	2761.46	8284.00
7	Providing and fixing Copper tape 32 mm X 6 mm from earth electrode directly in ground as required.	mtr	10.00	607.47	6075.00
8	Supply , fixing and fitting of 11 watt LED light (make Philips / Bajaj/ Crompton or Equivalent)	Nos	5.00	200.00	1000.00
9	Supply & fixing of single spot light of 18 watts complete with 1 no. 18 watt of approved make complete with all necessary fixing materials including termination & labour (make:- Philips/ Bajaj/ Crompton of Equivalent)	Nos	10.00	600.00	6000.00
10	Supply & fixing of 28W LED Tube Light of approved make complete with all necessary fixing materials including termination & labour (make:- Philips/ Bajaj/ Crompton of Equivalent)	Nos	30	750.00	22500.00
11	SITC of Exhasut Fan	Nos	10	500.00	5000.00
12	SITC of Street Light with 6mtr heigh pole & 50W LED lamp with all the accessories.	Nos	2	15000.00	30000.00
13	Supply, installation, Testting and commissioni of ceiling fan 1200 mm sweep 230/250 volts , 50 Hz, complete with suitable, clamp, downrod, blades, connections with 1.5 sq. mm PVC insulated copper conductor cable et as required and fan hook made of 16mm M.S. rod in R.C.C roof complete with all accessories.	Nos	15	1800.00	27000.00
14	Providing and fixing Single Pole MCB with sheet steel enclosure, distribution board on surface / recess complete with tinned copper bus bar , neutral bus bar, earth bar, din bar, detachable gland plate inter connection phospate and powder painted including earthing etc. as per direction of Engineer in charge.	Nos	10	1705.00	17050.00
15	Supply, installation, testing and commisisoning of 63amp TPN main switch of following capacity (IS 13940 part-3/19930 on existing surface / wall mounting and complete with HRC fuse links inter connections, earthing etc as per direction of Engineer-in-charge. (SEIMENS/HPL /ANCHOR/L&T/HAVELS/C&S/RK)	Nos	5	2273.00	11365.00
					244190.00
	Add Over head charges & Contractor Profit 15%				36629.00
					280819.00
	Labour Cess 1%				2808.00
				(B)	283627.00

Plumbing Works

1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with 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 :				
	W.C. pan with ISI marked white solid plastic seat and lid	Each	5	5263.39	26317.00
2	Supplying , fitting , fixing of water closet of CERA make 2073 Orissa Pan (Cello) of size 510 x 400 mm or equivalent of parryware/ Hindware, duly embedded in cement concrete (1:3:6) using 25 mm size b.h.g. metal all complete with materials, labour and T & P etc.	Each	2	2919.39	5839.00
3	Supplying , fitting , fixing of porcelein wash hand basin of size 450mm x 350 mm of CERA make, catalogue no Canon 1012 Wash Basin of Equivalent of Parryware/ Hindware with rog bolts, CI brackets, hole for pillar cock with cast iron/ M.S. brackets painted while including cutting holes in wall and making good to the damages etc. all complete with materials , labour and T& P etc.	Each	5	2714.56	13573.00
4	Supply , fitting , fixing of (500 x 450 mm) bevelled edge mirror of superior glass mounted on 6 mm thk A.C. sheet or ply-wood sheet and fixed to wooden plugs with cromium plated brass screws and washers etc. all complete with materials , labour and T & P etc.	Each	4	560.71	2243.00
5	Supply, fitting , fixing of Stain Less Steel Kitchen sink with cast iron/ M.S brackets painted while including cutting holes in walls and making good to the damages etc. all complete wit materials labour and T& P etc.	Each	3	3097.64	9293.00
6	Providing and fixing PVC soil waste and vent pipes (Rain Water)				
	(i) 110 mm dia .	mtr	20.00	167.00	3340.00
7	Supplying fitting , fixing of PVC floor traps of the following norminal diameter of outlet of self cleaning design with sand cast iron screwed down or hinged grating with or without vent arm including cutting holes in walls and making good to the damages etc. all complete with materials, labour and T& P etc.	Each	5	536.83	2684.00
8	Providing and fixing PVC plain bend of required degree				
	(i) 100 mm	Each	25	140.00	3500.00
9	Providing and fixing PVC single equal plain junction of required degee with access door, insertion rubber washer 3mm thick, bolts and nuts complete.				
	(i) 1000x100x100mm	Each	25	135.00	3375.00
10	Providing and fixing door piece, insertion rubber washer 3mm thick , bolts & nuts complete .				

	(i) 110mm	Each	10	10.00	100.00
11	Providing & fixing PVC terminal guard (i) 110 mm	Each	10	60.00	600.00
12	Supplying, fitting, fixing to walls, ceiling and floor upplasticized PVC pipes conforming to I.S. 4985 of class IV (10 kg/ cm 2) th efollowing nominal diameter with fittings and clamps includings testing all complete with materials labour and T & P etc				
	a) 15mm dia nominal bore	mtr	30	103.59	3108.00
	b) 20mm dia nominal bore	mtr	25	123.27	3082.00
	c) 25 mm dia nominal bore	mtr	25	152.01	3800.00
	d) 32 mm dia nominal bore	mtr	50	201.95	10098.00
	e) 40 mm dia nominal bore.	mtr	40	296.15	11846.00
13	Providing and fiowing brass bib cock of approved quality .				
	(i) 15 mm nominal bore short body	Each	5	605.59	3028.00
	(ii) 15mm nominal bore long body	Each	5	654.49	3272.00
14	Providing and fixing brass stop cock with wall flush of approved quality .				
	(i) 15 mm nominal bore.	Each	5	746.41	3732.00
15	Providing and fixing gun metal gate valve with C.I. wheel of approved qualioty (screwed end)				
	(i) 25 mm dia Nominal bore	Each	2	482.02	964.00
	(ii) 32 mm dia Nominal bore	Each	2	975.72	1951.00
16	Supplying fitting , fixing of S.W. Gully trap Grade-A complete with cast iron grating, brick masonry chamber(250 mm x 250 mm) with R.C.C cover slab as per P.H. specificaion and design all complete with materials labour and T & P etc. (Excluding cost of gully trap and grating)	Each	0	1542.14	0.00
17	Supply all labour , materials and T & P and laying to level and slope and jointing with cement mortar(1:1) for PVC pipes . (Grade-A) of the following diametersas per specification al complete (excluding earth work in trenches)(data for 30 mtr.) (per mtr) S.W. Pipe 150mm dia.	mtr	20	779.41	15588.00
18	Supplying all materials, labour and T & P for construction of inspection chamber as per P.H. specification and design all ocplete (per each)	Each	1	10585.46	10585.00
	Supplying fitting , fixing or constructing of 1.20mt diax2.55mts.Deepsoak-way pit with dry brick walling up to 2.10mts height and brick work with cement mortar(1:6) for 0.45mts height of wall at top,cement plaster(1:3) inside and outside, indide filled by dry brick khoa of 50mm thick to 100mm size to aheight of 2.00mtr from bottom. covered by means of 40mm thick RCC Perforated slat 50mm thick RCC well cover in pieces fitted iron ring including earth work in excavation and refilling of cavity around the pit etc allcompl.	Each	1	15306.34	15306.00

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19	Providing and placing on terrance (at all floor levels) per liter polyethylene water storage tank ISI:12701 marked capacite indicating the BIS License No. with cover and suitable locking arrangement and making necessary holes for intel, outlet and overflow pipes but without fittings and the base support for tank (sintex, Electroplast, star Lots of equivalent having valid ISI license)	Per Ltr	3000.00	7.50	22500.00
20	Providing & fixing heavy forged brass (chrome plated) tested ISI marked Ball valves as per (IS:554 /B5:21/ISO : 7 full bore design) of approved quality for 15 mm to 40 mm and Wafer type butterfly valve of pressure rating PN10 confirming to BS 5155 for 50 mm and above.				
	40 mm	Each	0.00	1950.00	0.00
21	Providing and fixing on wall face unplastiscised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion, (i) Single socketed pipes.				
	75 mm diameter	mtr	8.00	201.10	1609.00
22	Providing and fixing of SWR PVC vent / waste water / waste water & soil pipes, Type 'B' conforming to I.S. - 13592, and fittings conforming to I.S. 14735/99 cut to required lengths including all necessary fittings and specials such as as 45 or 90 deg. bends, Tee's, Y's, access pipe with solvent cement jointing . Setting the pipes in cement concrete M-15 as per specifications after testing of pipes.				
	50 mm	mtr	6.00	360.00	2160.00
23	Providing and fixing, jointing of uPVC waste pipe (IS: 4985 6Kgf/cm2)including all fittings (Plain or door) e.g. bends, junction, cowls, offsets, access pieces,jointing with rubber ring/solvent cement joints including cutting chase or holes in walls and floors and making good where required.				
	40 mm NB	mtr	6.00	165.00	990.00
24	Installation testing and commissioning of Health faucet of approved make & model.	Nos	3	1950.00	5850.00

25	Providing, fixing, jointing & testing in position 75 mm UPVC multi trap (IS 14735-99) for the embedded areas. Making proper connection, cutting chase / hole in floors /slabs and bringing the same in proper condition and shape after placing the trap in right position complete as required with encasing in CC M-15.	Nos	4	750.00	3000.00
26	Providing & fixing in position 80mm NB "P" type trap of self cleaning type (inlet to "P" trap to be 100mm dia) including brass 125mm dia CP grating, lead jointing embedding in concrete etc. all complete.	Nos	1	800.00	800.00
27	Supply and Installation of PVC clean out plugs with suitable insert keys for PVC pipes with heavy duty adaptor with a threaded socket as necessary.				
	75 mm dia	Nos	1	475.00	475.00
	110 mm dia	Nos	3	630.00	1890.00
28	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required .				
	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	5	4982.25	24911.00
29	Providing & Fixing 150x250 mm Parapet with CI/MS Grating at the Collection Point of Rainwater Pipe On Terrace of approved design.	Nos	5	1375.00	6875.00
30	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply Including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement ,trenching ,refilling & testing of joints complete as per direction of Engineer in Charge. (External work)				
	32 mm nominal outer dia .Pipes.	mtr	30.00	250.00	7500.00
	40 mm nominal outer dia .Pipes.	mtr	20.00	278.00	5560.00
	50 mm nominal outer dia .Pipes.	mtr	20.00	411.00	8220.00
31	Fixing, testing and commissioning of Portable RO Water Purifier of suitable capacity as per requirement complete as required.	Nos	1.00	50000.00	50000.00

32	Fixing, testing and commissioning of borewell of suitable capacity as per requirement complete as required.	Nos	1.00	380000.00	380000.00
					679564.00
	Add O.C & Contractor Profit 15%				101935.00
					781499.00
	Add 1% Labour cess 1%				7815.00
				(C)	789314.00
				Total (A+B+C)	13487832.00

The Tenderer are required to put their percentage of rate in the blank space given below,
My/Our quoted rate is _____%(Figure) _____(In words)
*Less than/Excess over/ Equal to the amount put to tender.

Total number of Items:..... Number of Corrections:..... Number of interpolation:..... Number of over writings:..... E.M.D Funnished/EMD Exempted (A)Demand Draft No..... (B)Ammount Rs..... Copy of PAN card:furnished/not furnished Copy of GST Registration:furnished/not furnished Copy of Contractor's Licecence:furnished/not furnished Copy of Experience certificate:furnished/not furnished Total No of sheets in the Tender Papers:.....	
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Full Signeture of Contractor

Signature of the Bidder/Tenderer

Signature of the B.D.O
Heragir