

<b>PRICE BID FOR NEW SEWERAGE SYSTEM FOR BNI BUILDING AT STATUE, THIRUVANANTHAPURAM</b>					
<b>S.No</b>	<b>Description</b>	<b>Qty</b>	<b>Unit</b>	<b>Rate</b>	<b>Amount</b>
<b>1</b>	<b>Dismantling of Cement tile flooring</b>	70	sqm		
	Dismantling of cement tile flooring including all material, labour charge, disposal of debris etc. complete.				
<b>2</b>	<b>Demolition of CC</b>	7	Cum		
	Demolition of existing concrete including removal of debris away from site.				
<b>3</b>	<b>Supplying &amp; Fixing of PVC Septic tank of 3000 Litre capacity</b>	1	Nos		
	Supplying, installing, testing and commissioning 3 layered Rotational Moulded polyethylene septic tank consisting of 2 manholes with cover, inlet and outlet including earthwork in excavation mechanically / manually) up to required depth in all kind of soils/ hard rock, laying 100mm thick Bed PCC in 1:3:6 lowering the tank in the pit mechanically / manually, connecting inlet, outlet and 75 mm dia air-vent pipe with cover properly and backfilling earth in exposed side, ramming and removing the surplus excavated material and making good the same complete with all necessary fittings and fixtures as directed by Engineer-in-charge. The rate should also include excavation of all type of soil/ soft rock / hard rock upto a dept of 3.00 metres and upto a lead of 50 metres, shoring the sides wherever necessary, bailing/pumping out sub-soil /rain water and keeping the foundation trenches and pits dry including filling back the trenches by selected and approved quality excavated earth in layers not exceeding 20 cm., watered and consolidated, spreading surplus excavated earth within plot and carrying away surplus materials out of site, all complete as directed.				
<b>4</b>	<b>Cast iron cover with frame</b>	9	Nos		
	Supplying and fixing medium duty Cast Iron Cover with frame of size 0.5m x 0.5m for manholes including materials, labour etc complete. The total weight of cover and frame to be not less than (medium duty) of size 600 mm x 600 mm , total weight of cover and frame to be not less 38.5Kg for cover and 18Kg for frame				
<b>5</b>	<b>Plumbing works</b>				
	Providing, fixing, testing and commissioning in position SWR PVC Pipe Type - B (6Kg/sq.cm) self fit-pipe conforming to IS:13592 including all specials and fittings such as bends, junctions, inspection doors, offsets, vent cowl, access pieces / plugs, all jointing with PVC adhesive and checking it to be water tight including chase cutting, drilling holes and fixing pipes to wall, floor, slab firmly with necessary G.I. supports, clamp, hangers, nuts, bolts, washers and making good the same etc. complete as directed by the Engineer-in-charge. Rate should include necessary excavation in trenches and refilling and repairing the surface to its original position including execution of work at all heights and locations				
<b>a</b>	50 mm	10	Rm		
<b>b</b>	62 mm	5	Rm		
<b>c</b>	75mm	5	Rm		
<b>d</b>	110mm	65	Rm		
<b>e</b>	140 mm	65	Rm		
<b>6</b>	<b>Flooring with Cement tiles</b>	70	Sqm		
	Providing and laying 22 mm thick precast chequered cement tiles in CM 1:3, of approved size, design, shape, laid in required colour and pattern with proper level, filling the joints with cement grout , curing etc complete as per direction of engineer in charge.				

<b>7</b>	<b>Soak Pit</b>	1	Nos		
	Making soak pit of 1.50 mtr. dia and 2 mtr deep with brick masonry till 0.45 mtr height and thereafter dry brick honey comb shaft of common burnt clay F.P.S. (non modular) bricks of class designation 7.5 till 2.00 mtr and R.C.C. top slab 150mm thick with 1:1½:3 mix including C.I. cover with frame (medium duty) of size 600 mm x 600 mm , total weight of cover and frame to be not less 38.5Kg for cover and 18Kg for frame, filled with brickbats including PVC drain pipe 100 mm diameter complete as per standard design etc. complete as directed by Engineer-in-charge.				
	The rate also includes necessary RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole cover, excavation (mechanically / manually) to the required depth, dewatering, backfilling earth in exposed side, watering, ramming and removing the surplus excavated material and making good the same etc. complete as directed by Engineer-in-charge.				
<b>8</b>	<b>Inspection chamber / Manhole</b>				
	I Designing and constructing Inspection Chamber of varying depth and sizes, details as under: a. P.C.C. bed in cement concrete 1:3:6. b. . Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4. c. P.V.C coated cast iron "Manhole foot steps" d. Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole. e. Providing and making channels with 1:2:4 cement concrete neatly finished with a floating coat of cement mortar. f. The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material away from the site and making good the same complete as required. Note :- Construction as per design and drawings approved by the Bank.				
	a Chamber size 450x450 mm (inside)				
	i Up to 450 mm depth	1	Nos		
	ii Up to 600 mm depth	3	Nos		
	iii Up to 900 mm depth	4	Nos		
<b>9</b>	<b>Inspection chamber / Manhole</b>				
	I Designing and constructing Inspection Chamber of varying depth and sizes, details as under: a. P.C.C. bed in cement concrete 1:3:6. b. . Brick Masonry 230 mm thick with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in CM 1:4. c. P.V.C coated cast iron "Manhole foot steps" d. RCC Top Slab 150 mm thick in cement concrete 1:1½:3 mix and top & bottom reinforcement 8ø @ 150 c/c both way including embedding with frame for manhole cover. e. Plastering inside and outside of average 12 mm thickness with cement mortar 1:3 with a floating coat of neat cement on inside face including proper water proofing to ensure no ground water seepage in the manhole. f. Providing and making channels with 1:2:4 cement concrete neatly finished with a floating coat of cement mortar. g. The rate also includes excavation (mechanically / manually) in all kind of soil up to required depth, dewatering, necessary centring & shuttering, curing, backfilling earth in exposed side, watering ramming and removing the surplus excavated material away from the site and making good the same complete as required. Note :- Construction as per design and drawings approved by the Bank.				
	a Chamber size 600x600 mm (inside)				
	i) Up to 1500 mm depth	1	Nos		

10	<b>Charges for liason works with Kerala Water Authority - sewerage section including submission of application for alternate connection, arranging for inspection, connecting sewer line to corporation sewer line, making good the road, preparation of schematic layout etc complete excluding statutory payments. Statutory payments, if any made by the contractor on behalf of bank for the above works shall be reimbursed upon the production of original receipts.</b>				
		Ls			
11	<b>Removal of old open plumbing lines</b>	Ls			
	Removal of old plumbing lines and disposing it off away from the site, including all materials and lablur etc complete.				
	TOTAL				
	GST @18% extra				