

SCHEDULE OF QUANTITIES - SEPTIC TANK 2 FOR SBI MAIN BRANCH, CALICUT

SI No	Particulars	Qty	Unit	Rate	Amount
	SEPTIC TANK SIZE – 4.8M X 2M X 2.5M (Including freeboard of 0.3M) Size may vary as per site conditions				
1	Earth work excavation for basement and foundation in all kinds of soil including dressing of sides and ramming of bottom height including including getting out the excavated soil within a lead of 50m and lift of 1.5m etc complete. Rates to include bailing out water from the pit.	75.00	M ³		
2	Filling in foundation in plinth with excavated earth including watering, ramming, consolidation and leveling dressing etc. complete.	10.00	M ³		
3	Removing the existing interlock tiles with aggregate bed without damage and stacking it safely for reuse.	15.00	M ²		
4	Relaying the stacked interlock tiles over a bed of 6mm coarse aggregate for an average thickness of 50mm to correct lines and levels (measurement to be taken for the laid area)	15.00	M ²		
5	Providing and laying PCC M15 grade including cost of all formwork ,watering,curing,levelling of base to receive PCC etc complete	2.50	M ³		
6	Solid block works of approved quality of size 30x20x15cm & of compressive strength not<50kg/cm ² in foundation and plinth in C.M. 1:6 Extra for solid block work in septic tank above plinth level including staging if required watering ,curing etc complete	2.00	M ³		
7	Providing and laying ready mix concrete M 20 including cost of all form work watering, curring etc complete but excluding cost of reinforcement for septic tank.	14.00	M ³		
8	Reinforcement for RCC work including straightening,cutting benting,binging,and placing in position complete cold twisted bars including cost of reinforcement binding wire or welding.the measurement will be taken only for the sectional weight of the bars excluding binding wire .	1350.00	Kgs		

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9	Plastering with Cement Mortar 1:4 ,12mm thick one coat floated hard and trowelled smooth including a neat cement flushing coat including 2% water proof compound by weight of cement	50.00	M ²		
10	Constructing brick masonry manhole with class 75 bricks, in cement mortar 1:4 (1 cement:4 coarse) RCC top slab with 1:2:4 aggregate 20mm nominal size foundation concrete 1:4:8 mix (1cement:4 coarse sand :8 graded stone aggregate 40mm nominal size) inside plastering 12mm thick with cement mortar 1:3 (1 cement :3 coarse sand) finished with floating coat of neat cement : 3coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement:2 coarse sand :4 graded stone aggregate 20mm nominal size) finished with a floating coat of neat cement complete, plaster to be waterproofed with addition of approved water proofing compound in a quantity as per manufacturer's specifications as per standard design:	5.00	Nos		
	Inside size 90x80cm and 45 cm deep including CI cover with frame (medium duty), MD-10 of material not inferior to FG150 grade of IS210, size, shape, weight and performance requirement of manhole covers and frames shall conform to IS 1726 fitted in frame with proper workmanship.				
10(a)	Extra depth for manholes	5.00			
11	Providing soak pits of size 2.5 MX1.5 MX 1.5M constructed as a honey-comb dry brick shaft 45X45 cm and 122.5cm high. Round the shaft and within the radius of 60cm shall be placed well burnt bricks Brick Ballast of size from 50 to 80mm nominal size shall be packed round the brick bats bats upto the radius of 90cm. The remaining portion shall be filled with brick ballast of 40mm nominal size. Over the filling shall be placed a minimum layer of 7.5cm earth. The shaft shall be covered with RCC slab 10cm wide and 10cm deep brick edging with bricks of class designation 75 shall be provided round the pit.	2.00	Nos		

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12	Supply and fixing 110 mm dia PVC pipe 6 (kg/Cm ² of approved quality confirming to ISI mark with special such as tees bends elbows checknuts etc.including cutting masonry or concrete floors sunshade etc where ever necessary for taking connection fixing the pipe to walls with iron clamps and screws to teak wood plugs embeded in cement moter including sparer sockets scaffolding where ever necessary etc complete.	40.00	M		
13	Supply and fixing 160mm dia PVC pipe 6 (kg/Cm ² of approved quality confirming to ISI mark with special such as tees bends elbows checknuts etc.including cutting masonry or concrete floors sunshade etc where ever necessary for taking connection fixing the pipe to walls with iron clamps and screws to teak wood plugs embeded in cement moter including sparer sockets scaffolding where ever necessary etc complete.	40.00	M		
14	Supply and fixing Heavy duty CI manhole cover 70x70 cm etc complete	5.00	No		
	Total				

* GST as applicable will be paid extra.