

### **3.SCHEDULE OF QUANTITIES**

## SCHEDULE OF QUANTITIES

Name of the Work: Construction of Sewage system at NIT Meghalaya permanent campus, Sohra (Cherrapunjee)					
Sl.No	Description Of Items	Qty.	Unit	Rates to be quoted in figure & words (Rs)	Amount (Rs)
	<b>SEPTIC TANKS</b>				
1	Earthwork in excavation by Mechanical means upto a depth of 2m below the existing ground level for foundation trenches of foundations, footings of column/walls, retaining walls, septic tank etc. .... Specified for the following classification of soils.	3574.41	Cum		
	In hard rock				
	Blasting Prohibited				
2	Providing boulder or stone filling with boulders or stones 15 cm size... etc. Complete as directed.	151.30	Cum		
3	Plain cement concrete works in foundation bed for footing steps, walls, brick works etc below plinth level as directed ..... curing complete (shuttering where necessary shall be measured and paid separately).	592.50	Cum		
	Proportion: 1:2:4				
4	Cement mortar 1:2 (1 cement: 2 fine sand).	61.55	Cum		
5	Brick work with common burnt clay (non modular) 1st class brick in foundation and in plinth:	694.65	Cum		

6	Centering & shuttering including strutting, propping etc and removal of form for all heights complete and as directed by Engineer -In -charge.				
(a)	Lintels, beams,plinth beams ,girders,bressumers & cantilevers (Using Steel)	333.45	Sqm		
(b)	Sabs, roof , landing, balconies and access platform, shelves (using steel)	1507.75	Sqm		
7	Supplying, fitting and fixing in position reinforcement bars upto 1st floor level.....chairs,spacers etc (Rates inclusive of all wastage, lappage,hooks, chairs,anchorage etc and no measurement for the same is required)	270.52	Qntl		
	Thermo-Mechanically treated bars				
8	Providing and laying in position specified grade of Reinforce cement concrete excluding the cost of centering , shuttering, finishing, and reinforcement- All work upto plinth level.	217.14	Cum		
	M20 or 1:1/12:3				
9	12mm Cement Plaster finished with a floating coat of neat cement	5839.40	Sqm		
	12 mm cement plaster of mix:				
	1:4 (1 cement: 4 fine sand)				
	<b>SOAK PITS</b>				
10	Making soak pit 2.5 m diameter, 3.0 metre deep with 45x45 cm dry brick honey comb shaft with bricks and S.W. drain pipe 100 mm diameter , 1.80 m long complete as per standard design.	60	Each		
	<b>SEWAGE PIPES CONNECTION</b>				
11	Providing and fixing soil, waste and vent pipe:	1560.00	Rm		
	100 mm diameter				
	Sand cast iron S&S pipe as per IS: 1729				

12	Providing and filling the joints with spun yarn, cement slurry and cement mortar 1:2 (1 cement: 2 fine sand) in S.C.I./C.I. Pipes	300	Each Joint		
	100 mm dia pipe				
13	Providing and fixing bend of required degrees with access door, insertion rubber washer 3mm thick , bolts and nuts complete with sand cast iron S&S pipe as per IS: 1729	120	Each		
	100 mm diameter				
14	Providing and fixing plain bend of required degrees with sand cast iron S&S pipe as per IS: 1729	600	Each		
	100 mm diameter				
				<b>Total Quoted Amount</b>	

*Rupees in words*

***Dated signature of the Tenderer with Seal***