

CSIR-NORTH EAST INSTITUTE OF SCIENCE & TECHNOLOGY**(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)****Jorhat Assam 785 006****NAME OF WORK: Rate contract for cleaning of sewage disposal system at CSIR-NEIST, Jorhat.****SCHEDULE OF QUANTITIES**

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
1	Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.(A) Up to a depth of 2.00m below the existing ground level.(a) In ordinary soil	CUM	1.00			
2	Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).(c) In prop 1 cement: 5 sand :10 coarse aggregate by volume	CUM	1.00			
3	Brick work in cement mortar with 1st class brick including racking out joints and curing complete as directed. (II) In superstructure above plinth level up to 1st floor level. (d) In proportion 1:6.(1 cement:6 sand)	CUM	1.00			
4	Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm downgraded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately)N) Without using admixture, plasticizer a) M15 grade concrete or Prop. 1:2:4	CUM	1.00			
5	Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX)	Qtl	1.00			
6	10 mm thick Cement plaster in single coat on fair side of brick/concrete walls for interior plastering up to 1st floor level including arises or rounded angles not exceeding 80mm girth and finished even and smooth including curing complete	SQM	1.00			

as directed) In cement mortar 1:6					
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SCHEDULE OF QUANTITIES

Sl. No	Description of Item	Unit	Qty	Rate in Figure	Rate in Words	Amount
7	Providing soling in foundation and under floor with stone/ best quality picked jhama brick, sand packed and laid to level and in panel after preparing the sub grade as directed including all labour and materials and if necessary dewatering, complete. (a).Brick on flat soling.	SQM	1.00			
8	Clearance of service septic tank and removing the night soil and debris etc. manually from the tank/chamber to a distant place preferably during holidays or at night by bailing out the deposited night soil, burying the same in nearby trenches/pits which has been dug earlier and covering the same. The service septic tank is cleaned with clear water and completed as directed by the Department.	Each	1.00			
9	Cleaning & clearing the inspection chamber which is partly filled with night soil connected to septic tank soak pit with both side soil pipe of length 1.80m manually and disposed off the block by pushing with bamboo kamis as directed by the Department.	Each	1.00			
10	Supplying and laying of size 315 mm OD PVC pipe of 6 kg/CM ² of Prince or equiv. make including jointing the pipe with solvent cement etc required for jointing i/c making and maintaining the proper slope and connecting with the existing sewers in both end etc complete as per directions.	RM	1.00			
11	Supplying and laying of size 315 mm OD PVC coupler of 6 kg/CM ² of Prince or equiv. make including jointing the pipe with solvent cement etc required for jointing etc complete as per directions.	Each	1.00			

Grand Total Rs.

Rupees (.....) Only

- NB: 1. Rate must be quoted both in word and figure.
2. All work will be executed as per CPWD's norms.

(Signature of Contractor with seal)