

**NATIONAL CENTRE FOR BIOLOGICAL SCIENCES
TATA INSTITUTE OF FUNDAMENTAL RESEARCH
GKVK CAMPUS, BALLARY ROAD, BENGALURU-560065**

Name of work - Diversion of Sewer Lines at NCBS

Schedule of Quantities

Sl. No	Description	Unit	Qty	Rate	Amount
				in Figures & words	
1	Providing and laying cement concrete using 40mm nominal size graded hard granite stone aggregate obtained from approved quarry including compaction, finishing top surface to level, curing, cost of formwork, etc; complete as per specifications. Mix ratio specified is for cement : coarse river sand : graded stone aggregate. IN FOUNDATION AND PLINTH/SUB-BASE TO FLOORS for cushion on PVC pipe.				
	PCC 1:3:6	Cum	1.60		
2	Providing, laying and jointing unplasticized PVC pipes and specials of working pressure as mentioned below conforming to IS:4985 including cost of necessary jointing materials, labour for excavation of trenches, testing, refilling etc., complete all as per specifications.				
2a	6kg/sqcm and 160mm OD for sewer line	Rmt	140.00		
3	Providing, laying, jointing, fixing, testing, commissioning HDPE Pipes & Fittings conforming to IS:14333 with GI specials, cutting the pipes to the required lengths, threading, jointing the pipes using suitable Adhesive for HDPE (PE-100, PN-6, 110mm Dia 6 wall thickness) Pipes, chasing the walls and floors, making the holes, clamping to walls using the wooden spacers or clamps and restoring the same to the original conditions with CM 1:3, necessary excavation, testing, refilling etc. Complete all as specified and directed and as per manufacturer's specification.	Mtr	15.00		

Signature of the tenderer

Sl. No	Description	Unit	Qty	Rate	Amount
				in Figures & words	
4	Construction of Manhole of internal clear dimension 800X800mm in 230mm thick first class brick masonry using first class country bricks in CM 1:3 over a bed of 150mm thick PCC1:2:4, plastering with CM 1:2, 12mm thick on internal, external surfaces and, Internal, top exposed surfaces finished smooth with a floating coat of neat cement, RCC 1:2:4 with necessary steel reinforcement as per drawing to support CI frame and cover, providing and fixing light duty double seal CI frame and cover, of size 610X455mmweighing not less than 52kg conforming to IS:1726 in CC1:2:4 and CI steps with 3-coats of anticorrosive, black bitumastic painting, encasing of sewer connections to manhole in PCC 1:2:4 etc. Complete all as specified and directed for initial depth of 0.75m (Ref. Fig. No. CED:PH8.7 of PH Engineering Specification) NOTE: CC 1:2:4 in the above Item is by using 20mm graded granite aggregate obtained from approved quarry.	Each	6.00		
4a	Extra for construction of additional depth of manhole of size 800 x 800mm beyond the initial depth of 0.75m for brick work, plastering, providing CI steps de-watering etc., complete (up to a maximum depth 1m).	Rmt	2.25		
Total Amount Rs.					
<u>Note:</u> The Contractor shall quote his rates in this schedule of quatity. Submission of tender in any other format is liable for rejection.					

Total Amount in Words:

Signature of the tenderer

Date:

Seal:

Signature of the tenderer