

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPLI- 620015

ESTATE MAINTENANCE DEPARTMENT

SCHEDULE OF WORK

Name of Work : Providing and Laying of 110 mm ODPVC pumping mail line from Sewage Treatment Plant to Funnel tank.

Ref : NITT/ CoW/EMD/Civil Works/ En. No.23(7)/14-15 , Dt.19.12.2014

NAME OF THE CONTRACTOR / FIRM :

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :	0.50	cum			
1.1	1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size)					
2	Constructing masonry Chamber 120x120x100 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 coarse sand) for sluice valve, with C.I. surface box 100 mm top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 fine sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 coarse sand) 12 mm thick, finished with a floating coat of neat cement complete as per standard design :	1.00	each			
2.1	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5					
3	Providing and fixing C.I. double acting air valve of approved quality with bolts, nuts, rubber insertions etc. complete (The tail pieces, tapers etc if required will be paid separately) :	1.00	each			
3.1	50 mm dia					

ITEM No	SUB-HEADS AND ITEM OF WORK	QTY	UNIT	RATE (Rs)	RATE (In Words)	AMOUNT(Rs)
4	Making connection of drain or sewer line with existing manhole including breaking into and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete :	2.00	each			
4.1	For pipes 100 to 250 mm diameter					
5	Earth work excavation & depositing on bank with initial lead of 10m and lift of 2m in all classes by soil in narrow trenches for pipe laying work including cost & conveyance of PVC rigid pipes (True Bore/ Jain pipes) and specials and lowering in to trenches and laying to proper grade and alignment & jointing with PVC couplers with jointing materials and testing to the required pressure including conveyance of water for filling during testing and refilling the trenches with excavated earth on completion of work. For depth up to 2m	1250.00	metre			
5.1	External work : 110 mm OD PVC 6KSC Pipes.					

SIGNATURE OF CONTRACTOR