

### Annexure-II: Locations of Trenchless Technology

S.No	Trenchless Not Required	Diameter (mm)	Length
1	MH-07 to MH-34	250	-157
2	MH-34 to MH-32	300	-57
3	MH-34 to MH-20	400	-274
4	MH-20 to MH-07	450	-492
5	MH-22 to MH-20 and MH 49 to MH-20	1400 and 1600 mm	-1327
6	MH-20 to Pahari STP	2000 mm	+124
7	MH-139 to MH-104 near Nalanda medical college	1200	-939
		Overall change	3122

Originally as per the Map the

B		Trenchless		Original Length as per map	Revised Length
27	IndSST, SOR CCETT, 2014	Installation of product pipe by Guided Auger Boring method including making of entry and exit pits, all related civil works like excavation, shoring / strutting etc shielded excavation through auger boring process, lowering of pipe segments in the jacking pit, laying and jointing of product pipeline through jacking process from the jacking pit and restoration of site at after project completion as per the instructions of the Engineer - In - Charge all complete except the cost of the pipe (upto 100 meter of installation length)			
	2.6.1.3	200 mm dia	Metre	321.00	321
	2.6.1.3	250 mm dia	Metre	707.00	550
	2.6.1.3	300 mm dia	Metre	160.00	103
	2.6.2.3	350 mm dia	Metre	115.00	115
	2.6.2.3	400 mm dia	Metre	802.00	528
	2.6.2.3	450 mm dia	Metre	1,173.00	681
	2.6.3.3	500 mm dia	Metre		878

				878.00	
	2.6.4.3	700 mm dia	Metre	1,042.00	1042
	2.6.4.3	800 mm dia	Metre	1,259.00	1259
	2.6.4.3	900 mm dia	Metre	990.00	990
	2.7.1.3	1200 mm dia	Metre	939.00	0
	2.7.2.3	1400 mm dia	Metre	772.00	165
	2.7.3.3	1600 mm dia	Metre	720.00	0
	2.7.4.3	2000 mm dia	Metre	483.00	607