

<b>T-No-18-LR-STP UPGRADATION-O&amp;M-2020-Work of Up gradation and Operation and maintenance of Sewerage Treatment plant for three years located at Colony premises at GMDC lignite project Rajpardi , Tal; Jhagadia, Dist- Bharuch</b>					
<b>Price Bid- B1 Connecting DI- K9 Rising main</b>					
<b>Sr. No.</b>	<b>Description</b>	<b>Total Quantity</b>	<b>Unit</b>	<b>Rate</b>	<b>Total Amount</b>
<b>1.0</b>	Providing and supplying Lowering & laying & jointing D. I. K-9 grade pipes with labour of specials for following nominal bore diameter with internal cement mortar lining including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. (IS 8329-2000). For sewerage project cement mortar lining shall be with sulphate resistance cement 150mm dia	50.00	RMT	0	0.00
<b>1.1</b>	DI. Specials Socket & Spigot Type and Flanged ended up to 300 mm. dia.	100.00	Kg	0.00	0.00
<b>2.0</b>	Providing, supplying, Lowering & laying & jointing ISI Mark C.I Sluice Valves of approved make & quality of following class and diameter, including all taxes, insurance, transportation, freight charges, Octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. PN-1.6 With hand wheel /cap operated (PD type short body) 150 mm dia	3.00	No.	0	0.00
<b>3.0</b>	Providing, supplying, Lowering & laying & jointing C. I. Air valves of approved make & quality of following class and diameter including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete. Kinetic Air Valve (DK) 50 mm dia.	1.00	No.	0	0.00

Sr. No.	Description	Total Quantity	Unit	Rate	Total Amount
4.0	Excavation for line trenches incl. all safety provisions using site rails and stacking excavated stuff up to a lead of 90 mts. cleaning the site etc. complete 0 to 1.5 mt depth. In all sorts of soil & soft murrum	35.00	Cum	0	0.00
4.1	In hard murrum,boulders incl.macdam road	35.00	Cum	0	0.00
5.0	Providing and casting in situ C.C. in grade M-20 (1:1.5:3) (proportions as per mix design or as per table9 of IS456 2000 in masses by weigh batching ) using granite, quartzite trap metal of size 6 mm to 20 mm for RCC work, including scaffolding centering, formwork, needle vibrated consolidation, curing complete up to 6 meter depth or height (excluding cost of reinforcement and neat finishing) with centering and shuttering/deshuttering etc. complete for structure other than water retaining (Below G.L) Footing for column or foundation (with form work) Thrust block for Rising main of Dia. 150mm and Deviation angle 90 degree	4.50	Cum	0	0.00
6.0	Construction of valves chambers in brick masonry, locally available in C. M. 1:6. Foundation concrete 150 mm thick in C. C. 1:4:8 of trap metal size 25 mm to 40 mm thick, inside cement plaster in C. M. 1:3 and cement pointing outside in C. M. 1:3 and top cover of precast M-20 (1:1.5:3) RCC slab 150 mm thick (with key hole in two parts, each with handles or MS Bar etc. complete as given size) Upto 1 Mt. depth from G. L. to pipe invert level incl. complete civil works but excl. cost of excavation and refilling, with 23 mm thick brick masonry wall in C.M.1:6 Size of chamber 0.90 m x 0.90 m and 1.0 mt. deep With precast slab in two parts 15 mm	4.00	No.	0	0.00
7.0	Providing bedding incl. ramming, watering, levelling, consolidating etc. Complete as per standard and instruction of engineer incharge with required quality Sand brought from outside including all lead	7.62	Cum	0	0.00
8.0	Refilling the pipeline trenches Including ramming, watering, consolidating disposal of surplus stuff as directed within a radius of 3 km.	54.00	Cum	0	0.00
	TOTAL				