

AHMEDABAD MUNICIPAL CORPORATION

SOR - (Jan. 2016) Rates for Labour work for water pipe line

Name of work :-

SR No	Qty	Item	Rate	Per	Amount
1		Transporting from AMC store and laying spigot and socket New DI pipe line DI-k-9 pipes of various classes with CI/DI/MS specials of following diameters. Rate includes excavation up to minimum 1.0 mt. depth from top of pipe / as per requirement in any soil, refilling after laying pipe, covering and temptation of carting surplus earth up to 30 mt. lead and watering and compaction. Clearing the site. All Joints shall be made tight & leak free etc. comp.			
		(A) 80 mm dia	71.00	Rmt.	
		(B) 100 mm dia	72.00	Rmt.	
		(C) 150 mm dia.	87.00	Rmt.	
		(D) 200 mm dia.	105.00	Rmt.	
		(E)250 mm dia.	127.00	Rmt.	
		(F) 300 mm dia.	153.00	Rmt.	
		(G)350 mm dia.	208.00	Rmt.	
		(H) 400 mm dia.	232.00	Rmt.	
		(I) 450 mm dia.	308.00	Rmt.	
		(J) 500 mm dia.	359.00	Rmt.	
		(K) 600 mm dia.	431.00	Rmt.	
		(L) 700 mm dia.	553.00	Rmt.	
		(M)750 mm dia	577.00	Rmt.	
		(N)800 mm dia	725.00	Rmt.	
		(O) 900 mm dia	756.00	Rmt.	
		(P) 1000 mm dia	795.00	Rmt.	
2		Only Removing & recover of existing CI/DI pipe line & Specials, removing any type of joint , carting it to the Muni. Stores as & where directed as per instruction of Engg. In charge with excavation & refilling.			
		(A) 80 mm dia	71.00	Rmt	
		(B) 100 mm dia	72.00	Rmt	
		(C) 150 mm dia.	87.00	Rmt	
		(D) 200 mm dia.	105.00	Rmt	
		(E)250 mm dia.	127.00	Rmt	
		(F) 300 mm dia.	153.00	Rmt	
3		Removing & relaying of existing CI/DI pipe line & Specials, Cleaning of pipe & Specials from Inside, including excavation, refilling etc. comp. in line & level with any type of joints as per instruction of engg. in charge.			
		(A) 80 mm dia	71.00	Rmt	
		(B) 100 mm dia	72.00	Rmt	
		(C) 150 mm dia.	87.00	Rmt	
		(D) 200 mm dia.	105.00	Rmt	
		(E)250 mm dia.	126.00	Rmt	
		(F) 300 mm dia.	134.00	Rmt	
4		Labour charges for installing and jointing Sluice Valves including loading, transporting from owner's store, lowering in location to the required with excavation refilling alignment by crane/ tripod and chain block including cost of total nos. of nuts, bolts, Necessary gaskets and excluding fixing of tail pieces with lead & jute etc complete as directed by Engg. in charge.			
		(A) 80 mm dia	1200.00	No	
		(B) 100 mm dia	1580.00	No	
		(C) 150 mm dia.	1790.00	No	
		(D) 200 mm dia.	2380.00	No	
		(E)250 mm dia.	3360.00	No	
		(F) 300 mm dia.	4230.00	No	
		(G)350 mm dia.	5630.00	No	
		(H) 400 mm dia.	7040.00	No	
		(I) 450 mm dia.	9350.00	No	
		(J) 500 mm dia.	10130.00	No	
		(K) 600 mm dia.	11610.00	No	
		(L) 700 mm dia.	13660.00	No	

SR No	Qty	Item	Rate	Per	Amount
		(M)750 mm dia	13900.00	No	
		(N)800 mm dia	14870.00	No	
		(O) 900 mm dia	16590.00	No	
5		Labour Charges for removing and recover of ex. C.I. Sluice valve with tail pieces and carting it up to Muni.Store or site as per instruction of Engg. In charge item include. necessary Excavation, removing or making joints, refilling etc.comp. as directed by Engg in charge.			
		(A) 80 mm dia	610.00	No	
		(B) 100 mm dia	830.00	No	
		(C) 150 mm dia.	1000.00	No	
		(D) 200 mm dia.	1260.00	No	
		(E)250 mm dia.	1730.00	No	
		(F) 300 mm dia.	2020.00	No	
6		Cutting of existing pipelines of following diameters including carting of nece. specials from AMC store to site and from site to AMC store (recovered materials) nace. labours for excavation, jodan & backfilling fitter, supervisor, etc. complete. Rate also includes electric cutter, dewatering pump fuel and transportation of machineries, chain pulley block if requires working at an instructed specific time of day or night etc. complete.			
		(A) 80 mm dia	1260.00	No	
		(B) 100 mm dia	1620.00	No	
		(C) 150 mm dia.	1640.00	No	
		(D) 200 mm dia.	2750.00	No	
		(E)250 mm dia.	3550.00	No	
		(F) 300 mm dia.	5760.00	No	
		(G)350 mm dia.	6210.00	No	
		(H) 400 mm dia.	7390.00	No	
		(I) 450 mm dia.	11410.00	No	
		(J) 500 mm dia.	12970.00	No	
		(K) 600 mm dia.	16000.00	No	
		(L) 700 mm dia.	21520.00	No	
		(M)750 mm dia	24810.00	No	
		(N)800 mm dia	26020.00	No	
		(O) 900 mm dia	27010.00	No	
7		Labours charges for collecting specials from Municipals store loading , transportation, unloading to the site, laying and fixing CI specials inclusive of all jointing materials like lead, spun etc.and labour, exacavation re-filling and nece. dewatering as per instrucation of engg. incharge.	24.00	Kg.	
8		Labour charges for recovering CI specials from old line by heating the old joints by gas / any heating device and recovering the fittings in re-usable condition and loading, carting, unloading them to nearby Municipal stores.	12.50	kgs.	
9		Fixing of valve Road box incl .locating valve, nece. excavation, Brick Masonary,PCC work. Item also inclues cartring form AMC store to site. Etc.Comp. as directed	500.00	Nos	
10		Labour Charges for repairing the joint leakage in the existing C.I./DI Pipe line with specials incl. required materials such as jute and lead etc , nece. excavation in any type of soil, refilling, necessary trust block etc.comp. as per instruction of engg.in charge. (Joint repaired under this item should not be paid in next four months under normal condition)			
		(A) 80 Mm dia. to 100 MM dia.	425.00	Per Joint	
		(B) 150 Mm dia. to 250 MM dia.	500.00	Per Joint	
11		Excavation for trail pit of maximum dimension of 1.5 mt x0.75 x 1.5 mt depth for location of existing line including excavation but excluding cost asphalt cutting but including refilling, watering etc. comp as per instruction of Engg in charge.	250.00	No	
12		Making hole on existing CI/DI/MS water pipe line including necessary GI fittings item also includes necessary excavation, dewatering and refilling as per instruction engg. In charge etc.comp.			
		A) 15 mm Dia	350.00	No	
		B) 20 mm Dia	450.00	No	
		C) 25 mm Dia	600.00	No	
		D) 40 mm Dia	2000.00	No	

SR No	Qty	Item	Rate	Per	Amount
		E) 50 mm Dia	3000.00	No	
13		Labour for change of GI water pipe line up to customer end.(in Muni.Limit)	35.00	Rmt.	
14		Labour Work for temp Jodan of ex.line for running water supply incl making collar between gap of pipe & jointing with jute & day after removing all this as per inst etc.comp as dire.	300.00	No	
15		Labour charges for doing washout of water pipe line at end including necessary excavation refilling the pit. Allowing the water to flow for 15 minutes twice or thrice as per site condition during supply hour, dewatering the pit and plugging with existing wooden butch. etc. comp. as per instruction	750.00	No	
16		Supplying wooden taper bunches from jungle wood (Like limda, ambo) Etc.comp.			
		(A) 15 Mm dia. to 20 MM dia.	15.00	No	
		(B) 25 Mm dia. to 37 MM dia.	20.00	No	
		(C) 50 Mm dia.	100.00	No	
		(D) 80 mm dia to 100 mm dia line	350.00	No	
		(E) 150 mm dia	500.00	No	
		(F) 200 mm dia	800.00	No	
17		P/S OF good quality of rubber rings for following dia meter.			
		(A) 80 mm dia	25.00	No	

SR No	Qty	Item	Rate	Per	Amount
		(B) 100 mm dia	50.00	No	
		(C) 150 mm dia.	60.00	No	
		(D) 200 mm dia.	105.00	No	
		(E)250 mm dia.	140.00	No	
		(F) 300 mm dia.	175.00	No	
18		Providing , Supplying and fixing ISI mark approved quality for ferrul connecting to existing CI/DI pipe line of water tight joints per inst.of engg. in charge			
		(A) 15 mm dia	250.00	No	
		(B) 20 mm dia	350.00	No	
		(C) 25 mm dia	550.00	No	
		(D) 40 mm dia	800.00		
19		Excavation for foundation up to 1.5 mt. depth including sorting out stacking of useful material & disposing of excavated stuff up to 50 mt. lead loose or soft soil (As per Building SOR 2015-16)	67.20	Cmt.	
20		Conveyance charge of earth ,lime,murram, building rubbish,manual garbage,sludge,excavated rock ,fly ash, aggregate of any kind etc. comp.up to 5.0 Km. lead (Based on Building SOR 2015-16, P-589 - Item code- 3.2.1)	140.37	Cu.M	
21		Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidation each deposited layer by ramming and watering (Building SOR 2015-16, (P-41 - Item code- 04006)	79.00	Cu.M	
22		Extra rate over item of excavation of earth for excavation of asphalt pavement of thickness up to 0.20 meter including demolishing the asphalt carpet,metal,soiling etc.comp. with stacking the material as directed.			
		a) up to 0.20 meter thickness (By Manual)	80.00	smt	
		b)Up to 0.30 meter (By Breaker Machine including cost of operator, fuel, & transportation etc complete.	200.00	smt	
		c) 0.30 meter & above (By Breaker Machine including cost of operator, fuel, & transportation etc complete.	350.00	smt	
23		Supplying Pneumatic Breaker Machine for RCC Slab or Asphalt Demolishing Work on site by using Operator, fuel, power Supply etc. Complete as Directed. (No payment should be allowed for non working condition of machinery and for pipe line excavation and M.H. work. Allowed only for break down work) (Based on Previously approved rate by C E sir)	600.00	hr	
24		Providing & Supplying JCB Machine on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges and stacking of useful & non-useful materials separately up to store. (No payment should be allowed for non working condition of machinery and for pipe line excavation and laying work) (Based on Previously approved rate by C E sir)	600.00	hr	
25		Providing & Supplying Hitachi Machine-110 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery) (Based on central work shop rate)	2000.00	hr	
26		Providing & Supplying Hitachi Machine-200 capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery) (Based on central work shop rate)	2700.00	hr	

SR No	Qty	Item	Rate	Per	Amount
27		Providing & Supplying hydra carne Machine of 12 tone capacity on rental basis in case of emergency situation and break down type work & also during unavoidable condition as per instruction of engg.incharge , rate includes all nece. shifting, fuel and operating charges . (No payment should be allowed for non working condition of machinery) (Based on central work shop rate)	5500.00	Per 8 hr Shift	
28		Hiring and operating Mud Pumps incl. Cost of fuel and operator including the cost of to and fro transportation, laying of the delivery hoses as required, lowering and lifting the pumps as and when required etc. complete. Set Do As Directed. (No payment should be allowed for non working condition of machinery) (Based on Previously approved rate by C E sir)	16.00	H.P/Hr.	

SR No	Qty	Item	Rate	Per	Amount
29		Providing and operation dewatering Pump including fuel charges & operator Charges etc. as directed etc. comp. (Shift for Eight Hour) (For Each Pump Set, No payment should be allowed for non working condition of machinery) (Based on Previously approved rate by C E sir)	600.00	Shift	
30		Providing, laying and jointing in true line and level U.P.V.C pipe (SCH - 40) of following dia. including fittings of standard make as approved by Engineer - in - charge. Pipe shall be fixed on the wall with the help of clamp at every 2000 mm centre to centre or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. (As per Building SOR 2015-16)			
	a	15 mm	84.90	Rmt.	
	b	25 mm	107.00	Rmt.	
	c	32 mm	139.00	Rmt.	
	d	40 mm	173.00	Rmt.	
	e	50 mm	229.00	Rmt.	
31		P/F. to wall ceiling and floor galvanized mild steel tubes (Medium grade) of the following nominal bore, tube fittings and clamps incl. making good the wall, ceiling and floor. (At any floor level)			
		(a) 15mm	155.00	Rmt	
		(b) 20mm	196.00	Rmt	
		(c) 25mm	270.00	Rmt	
		(d) 32mm	340.00	Rmt	
		(d) 40mm	416.00	Rmt	
		(e) 50 mm	542.00	Rmt	
32		Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, tube fittings (Earthwork in trenches to be measured and separately) (As per Building SOR 2015-16)			
		(a) 15mm	119.00	Rmt	
		(b) 20mm	154.00	Rmt	
		(c) 25mm	221.00	Rmt	
		(D) 40mm	338.00	Rmt	
		(E) 65 mm	557.00	Rmt	
		(H) 80 mm	715.00	Rmt	
33		Making connection of galvanised mild steel distribution branch with galvanised mild steel main 50 mm to 80 mm nominal bore by providing and fixing tee including cutting and threading the pipes complete. (As per Building SOR 2015-16)	381.00	each	
34		Supplying, labour for excavation of all types of soil at any depth including excavation of asphalt pavement of any thickness, demolition of brick work in CM of any proportion including stacking of serviceable materials and disposal of unserviceable material etc. comp. as directed.			
		Mazdoor at day /night	329.00	No	
		Fitter at day / Night	350.00	No.	
		Makadam/ supervision/Fitter at day / Night	425.00	No	
35		Barricading the entire break down or excavated area on rental basis using wooden ballies / M.S.angles at max. 2.00 meter centre to centre, C.G.I. Sheet, reflective paint / Board out side to avoid accident & for smooth traffic diversion & movement including cautionary board etc. Item also includes for making temporary sufficient nos of lighting arrangement through out the work with necessary required arrangement. ..The same shall be removed after completion of work. (Only for break down work from start to complete) (Based on Drainage SOR 2009-10)	90.00	Rmt	