

**SURAT MUNICIPAL CORPORATION**  
**SOUTH WEST (ATHWA) ZONE**  
**(GWSSB SOR 2022-23 & R&B -2023-24)**  
**SCHEDULE-B**

**Name of work :** Strengthening & Extension Work Of Storm and Sewer Line including Construction Of Machineholes as and When required in Various Areas of Sub Zone 1 at South West (Athwa) Zone. (3rd Attempt)

Item No.	Description	Quantity	Unit	Rate(With out GST)	Amount
1	Excavation for pipe line trenches for water supply, sewerage line, machinehole etc. all with showring and struting if required as per required grediant and line including safety provisions using site rails and staking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and and strata as specified.				
	(A) In hard murrum, boulders & macadam road	400.00	C.M.	155.25	62100.00
2	Excavation in bituminous road as per required grediant and line including safety provisions using site rails and staking excavated stuff including up to all required lead cleaning the site etc. complete for all lift as specified.				
	(B) Excavation in Bituminous road	340.00	C.M.	288.65	98141.00
3	Removing of concrete road surface up to base coarse including stacking of material up to lead of 50 mt.				
	(1) Unreinforced cement concrete	80.00	C.M.	609.26	48740.80
	(2) Reinforced cement concrete	80.00	C.M.	1057.47	84597.60
4	Excavation for pipe line trenches for water supply, sewerage line, machinehole etc. all with showring and struting if required as per required grediant and line including safety provisions using site rails and staking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified.				
	(A) In all sorts of soil and soft murrum				
	A) Upto 1.50 mt. dpt. From G.L.	600.00	C.M.	102.35	61410.00
	B) 1.5 to 3.00 mt. Depth	680.00	C.M.	112.70	76636.00
	C) 3.00 to 4.50 mt. Depth	320.00	C.M.	118.45	37904.00
	D) 4.50 to 6.00 mt. Depth	0.00	C.M.	125.35	0.00
	E) 6.00 to 7.50 mt. Depth	0.00	C.M.	129.95	0.00
	F) for every extra additional depth of 1.5 m or part there of beyond 7.5 m depth	0.00	C.M.	32.20	0.00
5	Refilling of pipeline trenches incl. ramming, watering, consolidating, desposal of surplus stuff as directed within a radius of 3.0 Km..	1620.00	C.M.	25.30	40986.00
6	Providing and supplying ISI standred R.C.C. pipes (of Sulphate Resisting Cement) in stander lenth of following class and diameter suitable for either coller joints or rubber ring joints including all taxes, insurance, transportation, freight chargees, octroi, inspection charges, loading, unloading, conveyance to department stores, staking etc. complete. (IS 458/1989) Note : One caller shood be supplied with each full length plain ended R.C.C. pipe, cost included in rates below. One rubber ring shood be supplied with each full length socketed R.C.C. pipe, cost included in rates below. Lowering, laying and joining R.C.C. pipes in C.M. 1:1:1/2 of following diameters in proper position, grade and alignment at all level as directed by Engineer-in-charge. Including conveyance from stores to site of work, labour, giving hydraulic testing as per ISI code.				

	(A2) 150 mm dia (NP3 Class)	0.00	Rmt.	403.45	0.00
	(B2) 250 mm dia (NP3 Class)	800.00	Rmt.	638.55	510840.00
	(B3) 250 mm dia (NP4 Class)	0.00	Rmt.	868.55	0.00
	(C1) 300 mm dia (NP2 Class)	0.00	Rmt.	900.20	0.00
	(C2) 300 mm dia (NP3 Class)	350.00	Rmt.	891.85	312147.50
	(C3) 300 mm dia (NP4 Class)	0.00	Rmt.	1223.85	0.00
	(F1) 450 mm dia (NP2 Class)	0.00	Rmt.	1013.65	0.00
	(F2) 450 mm dia (NP3 Class)	180.00	Rmt.	1557.65	280377.00
	(F3) 450 mm dia (NP4 Class)	0.00	Rmt.	2375.65	0.00
	(H1) 600 mm dia (NP2 Class)	0.00	Rmt.	1593.20	0.00
	(H2) 600 mm dia (NP3 Class)	100.00	Rmt.	2208.20	220820.00
	(H3) 600 mm dia (NP4 Class)	50.00	Rmt.	3256.20	162810.00
	(J1) 800 mm dia (NP2Class)	0.00	Rmt.	2448.30	0.00
	(J2) 800 mm dia (NP3 Class)	0.00	Rmt.	3522.30	0.00
	(J3) 800 mm dia (NP4 Class)	0.00	Rmt.	5922.30	0.00
	(K1) 900 mm dia (NP2 Class)	0.00	Rmt.	2867.00	0.00
	(K2) 900 mm dia (NP3 Class)	50.00	Rmt.	3992.00	199600.00
	(K3) 900 mm dia (NP4 Class)	0.00	Rmt.	7029.00	0.00
	(L1) 1000 mm dia (NP2 Class)	0.00	Rmt.	3864.25	0.00
	(L2) 1000 mm dia (NP3 Class)	0.00	Rmt.	5252.25	0.00
	(L3) 1000 mm dia (NP4 Class)	0.00	Rmt.	8713.25	0.00
	(N1) 1200 mm dia (NP2 Class)	0.00	Rmt.	4627.00	0.00
	(N2) 1200 mm dia (NP3 Class)	0.00	Rmt.	6405.00	0.00
	(N3) 1200 mm dia (NP4 Class)	0.00	Rmt.	10210.00	0.00
	(O1) 1400 mm dia (NP2 Class)	0.00	Rmt.	5994.10	0.00
	(O2) 1400 mm dia (NP3 Class)	0.00	Rmt.	8178.10	0.00
	(O3) 1400 mm dia (NP4 Class)	0.00	Rmt.	14801.10	0.00
	(P1) 1600 mm dia (NP2Class)	0.00	Rmt.	8873.55	0.00
	(P2) 1600 mm dia (NP3 Class)	0.00	Rmt.	11830.55	0.00
	(P3) 1600 mm dia (NP4 Class)	0.00	Rmt.	18365.55	0.00
	(Q1) 1800 mm dia (NP2 Class)	0.00	Rmt.	10635.50	0.00
	(Q2) 1800 mm dia (NP3 Class)	0.00	Rmt.	14355.50	0.00
	(Q3) 1800 mm dia (NP4 Class)	0.00	Rmt.	20002.50	0.00
	(R2) 2000 mm dia (NP3 Class)	0.00	Rmt.	15838.00	0.00
	(R3) 2000 mm dia (NP4 Class)	0.00	Rmt.	21718.45	0.00
	(S2) 2200 mm dia (NP3 Class)	0.00	Rmt.	19405.30	0.00
	(S3) 2200 mm dia (NP4 Class)	0.00	Rmt.	23434.40	0.00
6A	Providing and fixing U-PVC (SWR) confirming to IS no. 13592 (Type-B) of Prince / Suprime / Jain / Astral / Tulsi / Finolex make for soil and waste discharge system at all floor level incl. all fixtures like bends, tees, shoe etc. joined with resin of approved brand and manufacture etc. complete. (M.R.)				
	(A) 75 mm dia	50.00	Rmt.	412.00	20600.00
	(B) 110 mm dia	50.00	Rmt.	444.00	22200.00
	(C) 160 mm dia	30.00	Rmt.	731.00	21930.00
6B	Providing and laying in trenches galvanised mild steel tubes (medium-grade) TATA , ZENITH , ASIAN ZINDAL make of the following nominal bore & tube fitting etc.comp.				
	(A) 15 mm dia	30.00	Rmt.	249.02	7470.60
	(B) 25 mm dia	30.00	Rmt.	397.87	11936.10
	(C) 40 mm dia	30.00	Rmt.	602.70	18081.00

6C	Providing, laying and joining on true line & level U-PVC pipe (SCH-40) line incl. fitting make or equivalent as approved by engineer in charge. Pipe shall be fixed on the wall the help of clamo at every two meter C/C or shall be concealed as directed incl. necessary fitting etc. incl. testing of pipe and joints and fixing the same with adhesive solvent incl. cost of all material etc. complete.				
	(A) 15 mm dia	50.00	Rmt.	72.65	3632.50
	(B) 25 mm dia	50.00	Rmt.	91.84	4592.00
	(C) 40 mm dia	50.00	Rmt.	148.12	7406.00
	(D) 50 mm dia	50.00	Rmt.	195.67	9783.50
7	Providing and constructing sewer machineholes, scraper machineholes and unit house connection Chamber as per the type design in brick masonry in C.M. 1 : 5 and inside and outside 20 mm thick plastering in C.M. 1 : 3 necessary 100 mm coping with reinforcement in R.C.C. M-200, fixing C.I. steps and fixing machinehole frame and covers (but excluding supply of machinehole frame and covers) over machineholes and house connection chambers and fixing machinehole covers (but excluding supplying of machinehole covers) over scraper machinehole etc. complete. Providing and fixing Safety chain wherever necessary as per the stipulation in the type design Complete as per latest CPHEEO manul. (Excluding excavation).				
	(A) machinehole Type "A" circular type having inside diameter of 1200 mm for depth up to 1.5 m depth (for 150 mm to 500 mm dia sewer)				
	1 machinehole Type "A" as above for 1.0 m. depth	25.00	No.	12179.00	304475.00
	2. Extra depth beyond 1.0 m but upto 1.5 m depth for "A" type machinehole	10.00	Rmt	6628.00	66280.00
	(B) machinehole Type "B" circular type having inside diameter of minimum 1500 mm and for depth from 1.5 m to 4.0 m depth (for 150 mm to 600 mm dia sewers)				
	1. machinehole Type "B" as above but up to 1.5 m. depth	40.00	No.	21116.00	844640.00
	2. machinehole Type "B" as above but up to 2.0 m. depth	15.00	No.	27272.50	409087.50
	3. machinehole Type "B" as above but up to 2.1 m. depth	10.00	No.	28503.80	285038.00
	4. Extra depth beyond 2.1 m but up to 4.0 m depth for type "B" machinehole	0.00	Rmt	12313.00	0.00
	(C) machinehole Type "C" circular type having inside diameter of minimum 1500 mm and for depth beyond 4.0 m to 6.0 m depth (for 150 mm to 1800 mm dia sewers)				
	1 machinehole Type "C" as above but up to 4.0 m. depth	0.00	No.	52908.00	0.00
	2. Extra depth beyond 4.0 m and up to 6.0 m depth for type "C" machinehole above	0.00	Rmt	18786.00	0.00
	(D) machinehole Type "D" circular type having inside diameter of minimum 1500 mm and for depth beyond 6.0 m to 10.0 m depth (for 150 mm to 500 mm dia sewers)				
	1 machinehole Type "D1" as above but up to 6.0 m. depth	0.00	No.	91174.00	0.00
	2. Extra depth beyond 6.0 m and up to 10.0 m depth for type "D1" machinehole above	0.00	Rmt	22110.00	0.00
	(E) machinehole Type "D2" circular type having inside diameter of minimum 1500 mm and for depth beyond 6.0 m to 10.0 m depth (for 600 mm to 1000 mm dia sewer)				
	1 machinehole Type "D2" as above but up to 6.0 m. depth	0.00	No.	89818.00	0.00
	2. Extra depth beyond 6.0 m and up to 10.0 m depth for type "D2" machinehole above	0.00	Rmt	22121.00	0.00

	(F) machinehole Type "D3" circular type having inside diameter of minimum 1900 mm and for depth beyond 6.0 m to 10.0 m depth (for 1100 mm to 1800 mm dia sewer)				
	1 machinehole Type "D3" as above but up to 6.0 m. depth	0.00	No.	109142.00	0.00
	2. Extra depth beyond 6.0 m and up to 10.0 m depth for type "D3" machinehole above	0.00	Rmt	26015.00	0.00
	(G) Scraper machinehole Type "S1" rectangular type having inside dimension 1500 mm x 1500 mm for 600 mm dia to 1200 mm dia sewer pipe and for depth 2.5 m to 9.0 m depth				
	1 Scraper machinehole Type "S1" as above but up to 2.5 m. depth	0.00	No.	52319.00	0.00
	2. Extra depth beyond 2.5 m and up to 9.0 m depth for type "S1" scraper machinehole above	0.00	Rmt	31907.00	0.00
	(H) Scraper machinehole Type "S2" rectangular type having inside dimension 1900 mm x 1900 mm for 1400 mm dia sewer pipes and for depth 2.5 m to 9.0 m				
	1 Scraper machinehole Type "S2" as above but up to 2.5 m. depth	0.00	No.	48103.00	0.00
	2. Extra depth beyond 2.5 m and up to 9.0 m depth for type "S2" scraper machinehole above	0.00	Rmt	20370.00	0.00
8	R.C.C. precast machinehole frame and cover manufacture, supply & delivery at store or at site of work precast RCC M-200 frame and cover suitable to drainage line M.H. and as per type design and drawing including cost of reinforcement M.S. angles or flat, curing mold work etc.				
	(A)For circular machinehole of ISI marks (Heavy duty) 560mm dia	120.00	No.	2294.00	275280.00
	(B)For scraper machinehole	20.00	No.	7289.00	145780.00
9	Providing & constructing Rectangular brick masonry chamber for house connection as per type design in brick Masonary in C.M. 1 : 3 including M-100 in foundation M-150 in Benching inside plaster in CM 1:3 and outside plastering in CM 1:3 coping in M-200 and fixing RCC precast frame and cover, but excl. supply of frame and cover etc. complete excl. excavation.	20.00	No.	7922.00	158440.00
10	Providing & Constructing machinehole as per the type and design with necessary excavation P.C.C. 1:4:8, benching in 1:2:4, Flyash lime brick masonry in CM 1:4, 12 mm th. Inside cement plaster in cement mortar 1:3, 150mm th. RCC slab 1:1½:3, providing and fixing RCC machinehole frame and cover in cement concrete 1:2:4 & 150 mm th. R.C.C. slab in 1:1.5:3 including Prov. fixing polypropylene steps etc. comp.				
	"A" TYPE machinehole Sewer size :up to 600 mm dia Chamber size : 1200 mm X 1000 mm Shallow machinehole depth up to 2.5 m. Rate for 2.50 m depth (Add or deduct Rs. 653.00 per 0.10 mt. depth increase or decrease )	25.00	No.	23690.00	592250.00
	"B1" TYPE machinehole Sewer size :up to 1000 mm dia Chamber size : 1500 mm X 1000 mm Shallow machinehole depth up to 2.5 m. Rate for 2.50 m depth (Add or deduct Rs. 1115.00 per 0.10 mt. depth increase or decrease )	40.00	No.	35974.00	1438960.00

<p>"B2" TYPE machinehole  Sewer size :up to 1000 mm dia  Chamber size : 1500 mm X 1000 mm  Deep machinehole with access shaft depth 2.5 m to 4.0 m.  Access shaft size: 850 mm x 850 mm  Rate for 4.00 m depth  (Add or deduct Rs. 644.00 per 0.10 mt. depth increase or decrease )</p>	0.00	No.	45914.00	0.00
<p>"B3" TYPE machinehole  Sewer size :up to 1000 mm dia  Chamber size : 1500 mm X 1000 mm  Deep machinehole with access shaft depth 4.0 m to 6.0 m.  Access shaft size: 850 mm x 850 mm  Rate for 6.00 m depth  (Add or deduct Rs. 964.00 per 0.10 mt. depth increase or decrease )</p>	0.00	No.	77690.00	0.00
<p>"C1" TYPE machinehole  Sewer size : 1100 mm to 1000 mm dia  Chamber size : 1800 mm X 1000 mm  Shallow machinehole depth up to 2.5 m.  (Add or deduct Rs. 1228.00 per 0.10 mt. depth increase or decrease )</p>	0.00		40173.00	0.00
<p>"C2" TYPE machinehole  Sewer size : 1100 mm to 1400 mm dia  Chamber size : 2400 mm X 1000 mm  Deep machinehole with access shaft depth 2.5 m to 4.0 m.  Access shaft size: 850 mm x 850 mm  Rate for 4.00 m depth  (Add or deduct Rs. 644.00 per 0.10 mt. depth increase or decrease )</p>	0.00		63202.00	0.00
<p>"C3" TYPE machinehole  Sewer size : 1100 mm to 1400 mm dia  Chamber size : 2400 mm X 1200 mm  Deep machinehole with access shaft depth 4.0 m to 6.0 m.  Access shaft size: 850 mm x 850 mm  Rate for 6.00 m depth  (Add or deduct Rs. 964.00 per 0.10 mt. depth increase or decrease )</p>	0.00		97792.00	0.00
<p>"D1" TYPE machinehole  Sewer size : 1600 mm to 1800 mm dia  Chamber size : 2200 mm X 1000 mm  Shallow machinehole depth up to 2.5 m.  Rate for 2.50 m depth  (Add or deduct Rs. 1369.00 per 0.10 mt. depth increase or decrease )</p>	0.00		42801.00	0.00
<p>"D2" TYPE machinehole  Sewer size : 1600 mm to 1800 mm dia  Chamber size : 2400 mm X 1200 mm  Deep machinehole with access shaft depth 2.5 m to 4.0 m.  Access shaft size: 850 mm x 850 mm  Rate for 4.00 m depth  (Add or deduct Rs. 644.00 per 0.10 mt. depth increase or decrease )</p>	0.00		61679.00	0.00

	"D3" TYPE machinehole Sewer size : 1600 mm to 1800 mm dia Chamber size : 2400 mm X 1200 mm Deep machinehole with access shaft depth 4.0 m to 6.0 m. Access shaft size: 850 mm x 850 mm Rate for 6.00 m depth (Add or deduct Rs. 964.00 per 0.10 mt. depth increase or decrease )	0.00		97505.00	0.00
	"E" TYPE machinehole Sewer size : 2000 mm to 2200 mm dia Chamber size : 3000 mm X 1500 mm Deep machinehole with access shaft depth 4.5 m to 6.0 m. Access shaft size: 850 mm x 850 mm Rate for 6.00 m depth (Add or deduct Rs. 964.00 per 0.10 mt. depth increase or decrease )	0.00		141200.00	0.00
11	Providing, Constructing flyash lime brick masonry Inlet chamber of 750 x 600 x 1500 mm internal dimension with necessary excavation & refilling 350 mm thick flyash building brick masonry in cement mortar 1:4, 150mm th. PCC and benching in CC 1:2:4, 12mm thick cement mortar 1:3 (Add or Deduct Rs. 701 per 0.10 mt. Depth increase or decrease.)	70.00	No.	13548.00	948360.00
12	Making connection with the machinehole by boring hole on the masonry of machinehole and jointing pipe with cement mortar in prop. (1:2) inside as well as out side of existing machinehole, curing etc. complete as directed by Engineer-in-charge.				
	Making connection (a) up to 900 mm dia	20.00	No.	1100.00	22000.00
	Making connection (b) 900 mm to 1600 mm dia	0.00	No.	1900.00	0.00
	Making connection (c) more then 1600 mm dia	0.00	No.	2700.00	0.00
13	(a) Repairing of Sewer/Storm drainage machinehole shaft size 850mm x 850mm) on existing Sewer/Storm drainage lines including excavation up to 0.75 mt. depth, Dismantling of damaged machinehole up to required depth(i.e frame cover, coping, brick masonry etc.) and reconstruction of the same up to 0.75 mt. depth in Brick Masonry 23 cm thick in C:M 1:4, Plaster 15 mm thick C:M 1:3 inside and out side, Coping in C:C 1:2:4 and conveying, carting & fixing of C.I./R.C.C machinehole frame cover (to be issued from any of the Municipal Store), Refilling , Curing of repaired machinehole work shall be carried up to 10 days from the repairing an arrangement for to be done by contractor for protection of repaired work against traffic etc. complete. (Add / Deduct Rs. 342/- per 0.10mt. Depth Increase or Decrease.)	10.00	No.	3857.00	38570.00
14	Reparing of only M.H frame cover including fixing M:H in C:C 1:2:4 and curing work upto 10 days and protection of repaired work against traffic etc. complete.	20.00	No.	823.00	16460.00

15	(a) Repairing of Sewer/Storm drainage machinehole shaft size 1200mm x 1200mm) on existing Sewer/Storm drainage lines including excavation up to 0.75 mt. depth, Dismantling of damaged machinehole up to required depth(i.e frame cover,coping,brick masonry etc.)and reconstruction of the same up to 0.75 mt. depth in Brick Masonry 23 cm thick in C:M 1:4,Plaster 15 mm thick C:M 1:3 inside and out side , Coping in C:C 1:2:4 and conveying, carting & fixing of C.I/R.C.C machinehole frame cover( to be issued from any of the Municipal Store), Refilling , Curing of repaired machinehole work shall be carried up to 10 days from the repairing an arrangement for to be done by contractor for protection of repaired work against traffic etc. complete. Add / Deduct Rs. 428.80/- per 0.10mt. Depth Increase or Decrease.	15.00	No.	4981.00	74715.00
16	Repairing of only Inlet Chamber frame cover including fixing inlet Chamber in C:C 1:2:4 and curing work up to 10 days and protection of repaired work against traffic ect. complete.	30.00	No.	799.00	23970.00
17	Repairing of strom drainage Inlet chamber size 600mmx750mm) on existing strom drainage lines including excavation up to 0.75 mt. depth,Dismantailing of damaged intel chember up to required depth (i.e. frame cover, coping, brick masonry ect) and reconstruction of the same up to 0.75 mt. depth in brick masonry 35 cm thick in C:M: 1:4, Plaster 12mm thick C:M inside, coping in C:C 1:2:4 and conveying, carting & fixing of C.I/R.C.C. Precast inlet frame cover (to be issued from any of the Municipal Store) Refilling, curing of repaired inlet Chamber work shall be carried up to 10 days from the repairing an arrangement for to be done by contractor for protection of repaired work against traffic ect. complete. (Add / Deduct Rs. 552/- per 0.10mt. Depth Increase or Decrease.)	40.00	No.	5773.00	230920.00
18	Providing & construction Brick work using Fly Ash bricks having crushing strength not less than 35 kg./ sq .cm. in foundation & plinth in C.M. 1:6 ( 1 cement : 6 fine sand ) etc.comp.	25.00	CM	4237.00	105925.00
19	Providing 15mm thick cement plaster in single coat on brick / concreete wall for interior plastering up to floor two level finished even and smooth in (I) cement mortar 1:3 ( 1 cement : 3 sand )	40.00	SM	237.51	9500.40
20	Making Existing Drainage Connection Vata including Brick / Roda Masonary /Plaster with Admixture Chemical work including before and after works of Photograph etc completed.item includ all labour plant & tools required for as per this site.	50.00	No.	250.00	12500.00
21	Fixing R.C.C. precast machinehole frame with cover manufacture, in C.C. (1:2:4) including carting etc.complete. Excluding cost of .C.C.	20.00	No.	225.00	4500.00
22	Providng and casting in situ C.C. in grade M-15 (1 : 2 : 4) for fixing R.C.C. Precast machinehole frame cover including scaffolding, centering, form work etc. complete.	10.00	CM	4732.00	47320.00
23	Dewatering by pumping set of required capacity including temporary platform carting pupping at site and fixing the same in position including all accessories, and fuel and labour etc. complete.	200.00	Hp/Hr	18.32	3664.00

24	Providing, maintaining up to the required period safe guarding lightening the excavated trenches with proper red flag and red lights along with the barricading, fencing with timber ballies, bamboos, G.I. Sheetes, provision of the chowkidars as directed by Engineer-in-charge.	200.00	S.M.	12.05	2410.00
25	Providing shoring and strutting if required for trenches to the sides of trenches , including using necessary sheeting , waling , strutting etc. completed as directed.	50.00	S.M	81.65	4082.50
26	Providing and constructing brick masonry ACCESS SHAFT of 850 x 850 mm internal dimention with 350 mm thickness B.B. mesonary in CM 1:4 & i/s & o/s 15 mm thick cement plaster in CM 1:3 as per drawing & specification. (Add or Deduct Rs. 843 per 0.10 mt. Depth increase or decrease.)	10.00	No.	16286.00	162860.00
27	Carting and recarting of excavated earth from any site to required place as per requirment and directed by engineer in charge				
	(A) Up to 0.50 km.	0.00	CM	39.69	0.00
	(B) 0.50 km. to 1.00 Km	40.00	CM	47.10	1884.00
	(C) 1.00 km. to 1.50 Km	20.00	CM	54.36	1087.20
	(D) 1.50 km. to 2.00 Km	20.00	CM	61.30	1226.00
	(E) 2.00 km. to 2.50 Km	0.00	CM	68.34	0.00
	(F) 2.50 km. to 3.00 Km	0.00	CM	75.23	0.00
	(G) 3.00 km. to 3.50 Km	0.00	CM	81.98	0.00
	(H) 3.50 km. to 4.00 Km	0.00	CM	88.60	0.00
	(I) 4.00 km. to 4.50 Km	0.00	CM	95.08	0.00
	(J) 4.50 km. to 5.00 Km	0.00	CM	101.44	0.00
	(K) Above 5.00 Km and up to 10.00 Km	0.00	CM	110.80	0.00
28	Trecing of old machinehole All type	40.00	No.	1202.00	48080.00
29	Temporary diversion of sewage by plugging the machinehole of the sewer line. The necessary rubber plug and Air Compressor arraigement Etc. shall be supplied by The contractor at own cost for the work.				
	150mm-400mm sewer line	5.00	No.	20089.29	100446.45
	450mm-600mm sewer line	5.00	No.	20982.14	104910.70
	700mm-1200mm sewer line	5.00	No.	23660.71	118303.55
30	Providing and filling Rubble including hand packing and filling interstices with quarry spalls behind abutment and between returns as directed.	0.00	CM	1064.80	0.00
31	Demolition/Dismantalling RCC work or masonry work or removing of paver block flooring in any part including stacking of serviceable/useful material and disposal of unserviceable material with all lead and lift.				
	(a) Brick masonry work/Paver block	20.00	CM	550.40	11008.00
	(b) RCC work	20.00	CM	1057.85	21157.00
	(b) RCC work	20.00	CM	609.26	12185.20
	<b>TOTAL AMOUNT : Rs.</b>				<b>8973017.10</b>

EXECUTIVE ENGINEER,  
SOUTH WEST (ATHWA) ZONE  
SURAT MUNICIPAL CORPORATION,