

# Surat Municipal Corporation

## Drainage Department

Tender Notice (Online No): ADD.C.E &I/C. C.E/Drainage/02/2026-27 (Work No.04)

**Name of Work:-** PROVIDING & LAYING NEW DRAINAGE LINES ON VARIOUS REMAINING T.P. ROADS AND AUGMENTATION OF OLD DRAINAGE LINES AS PER REQUIREMENTS IN EAST ZONE-A (VARACHHA) & OTHER ZONE AREA WITH IN SURAT MUNICIPAL CORPORATION (2<sup>nd</sup> Attempt)

### Schedule-B

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
<b>1</b>	<b><u>ITEM NO.1:</u></b>				
	Excavation for pipe line trenches for water supply, sewerage line, machine hole etc. all withshoring and struting if required as per required gradient and line including safetyprovisions using site rails and stacking excavated stuff including up to all required leadcleaning the site etc. <i>complete for all lifts and strata as specified</i>				
	In hard murrum, boulders incl. macadam road.	697.974	155.25	C.M.	1,08,360.46
	<b>Item No. 1.A.1 (a), Page No. 32 GWSSB SOR 2022-23</b>				
<b>2</b>	<b><u>ITEM NO.2</u></b>				
	Excavation in bituminous road as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. <i>complete for all lifts as specified.</i>				
	Excavation in Bituminous road	1628.61	288.65	C.M.	4,70,097.70
	<b>Section 1&amp;2 B, Item No. 1.A.1 (d), Page No. 32, GWSSB SOR 2022-23</b>				
<b>3</b>	<b><u>ITEM NO.3</u></b>				
	Excavation for pipe line trenches for water supply, sewerage line, machine hole etc. all withshoring and struting if required as per required gradient and line including safetyprovisions using site rails and stacking excavated stuff including up to all required leadcleaning the site etc. <i>complete for all lifts and strata as specified</i>				
	In C.C. Road.	30.00	427.80	C.M.	12,834.00
	<b>Item No. 1.A.1 (d), Page No. 32 GWSSB SOR 2022-23</b>				
<b>4</b>	<b><u>ITEM NO.4</u></b>				
	Excavation for pipe line trenches for water supply, sewerage line, machine hole etc. all with shoring and struting if required as per required gradient and line including safety provisions using site rails and stacking excavated stuff including up to all required lead cleaning the site etc. complete for all lifts and strata as specified. In all sorts of soil and soft murrum				
	(A) Upto 1.5 Mt. dpt.from G.L.	6065.96	102.35	C.M.	6,20,851.31
	(B) 1.5 Mt. TO 3.00 Mt. Depth	6724.68	112.70	C.M.	7,57,871.77
	(C) 3.0 Mt TO 4.50 Mt depth	3033.17	118.45	C.M.	3,59,279.22
	(D) 4.5 Mt. TO 6.00 Mt. Depth	689.10	125.35	C.M.	86,378.18
	(E) 6.0 Mt TO 7.50 Mt depth	0.00	129.95	C.M.	0.00
	(F) 7.5 Mt. TO 9.00 Mt. Depth	0.00	162.15	C.M.	0.00
	(F) 9.0 Mt. TO 10.50 Mt. Depth	0.00	194.35	C.M.	0.00
	<b>Section 1&amp;2 B, Item No. 1.A.1 to 6 (a), Page No. 32, GWSSB SOR 2022-23</b>				
<b>5</b>	<b><u>ITEM NO.5</u></b>				

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	Providing cutting of existing bituminous surface up to suitable depth in line and alignment using Mechanically operated cutter machine before excavating existing surface for utility laying including cost of all type of machinery, fuel, labour etc. and as per direction of engineer incharge.	6192.84	51.00	RM	3,15,834.84
	<b>RAC Approved Rate</b>				
<b>6</b>	<b><u>ITEM NO.6</u></b>				
	<b>Bedding :</b>				
	Supplying & Filling with fine sand in compacted thickness over the base including watering ramming, consolidating & dressing etc. complete. Item includes by using vibratory plates compacted machine and as directed by engineer in charge				
		1164.00	329.00	C.M.	3,82,956.00
	<b>Item No. 10, SMC Drainage SOR 2022-23</b>				
<b>7</b>	<b><u>ITEM NO.7</u></b>				
	Providing and supplying ISI Standard R.C.C. pipes (of Sulphate Resisting cement) in standard lengths of following class and diameter suitable for rubber ring joints including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. One rubber ring should be supplied with each full length socketed pipe, cost included in rates below. Lowering, laying and jointing R. C. C. pipes 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.				
	(A1) 150 mm dia (NP3 Class)	0.00	403.45	Rmt.	0.00
	(A2) 150 mm dia (NP4 Class)	0.00	563.45	Rmt.	0.00
	(D1) 250 mm dia (NP3 Class)	0.00	638.55	Rmt.	0.00
	(D2) 250 mm dia (NP4 Class)	681.00	868.55	Rmt.	5,91,482.55
	(E1) 300 mm dia (NP3 Class)	0.00	891.85	Rmt.	0.00
	(E2) 300 mm dia (NP4 Class)	1678.50	1223.85	Rmt.	20,54,232.23
	(F1) 350 mm dia (NP3 Class)	0.00	1031.95	Rmt.	0.00
	(F2) 350 mm dia (NP4 Class)	0.00	1531.95	Rmt.	0.00
	(G1) 400 mm dia (NP3 Class)	0.00	1324.80	Rmt.	0.00
	(G2) 400 mm dia (NP4 Class)	0.00	2047.80	Rmt.	0.00
	(H1) 450 mm dia (NP3 Class)	0.00	1557.65	Rmt.	0.00
	(H2) 450 mm dia (NP4 Class)	0.00	2375.65	Rmt.	0.00
	(I1) 500 mm dia (NP3 Class)	0.00	1702.35	Rmt.	0.00
	(I2) 500 mm dia (NP4 Class)	967.50	2554.35	Rmt.	24,71,333.63

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	(J1) 600 mm dia (NP3 Class)	0.00	2208.20	Rmt.	0.00
	(J2) 600 mm dia (NP4 Class)	0.00	3256.20	Rmt.	0.00
	(K1) 700 mm dia (NP3 Class)	0.00	3205.20	Rmt.	0.00
	(K2) 700 mm dia (NP4 Class)	0.00	4208.20	Rmt.	0.00
	(L1) 800 mm dia (NP3 Class)	0.00	3522.30	Rmt.	0.00
	(L2) 800 mm dia (NP4 Class)	0.00	5922.30	Rmt.	0.00
	(M1) 900 mm dia (NP3 Class)	0.00	3992.00	Rmt.	0.00
	(M2) 900 mm dia (NP4 Class)	0.00	7029.00	Rmt.	0.00
	(N1) 1000 mm dia (NP3 Class)	0.00	5252.25	Rmt.	0.00
	(N2) 1000 mm dia (NP4 Class)	0.00	8713.25	Rmt.	0.00
	(O1) 1100 mm dia (NP3 Class)	0.00	5533.35	Rmt.	0.00
	(O2) 1100 mm dia (NP4 Class)	0.00	9141.35	Rmt.	0.00
	(P1) 1200 mm dia (NP3 Class)	0.00	6405.00	Rmt.	0.00
	(P2) 1200 mm dia (NP4 Class)	0.00	10210.00	Rmt.	0.00
	(Q1) 1400 mm dia (NP3 Class)	0.00	8178.10	Rmt.	0.00
	(Q2) 1400 mm dia (NP4 Class)	0.00	14801.10	Rmt.	0.00
	(R1) 1600 mm dia (NP3 Class)	0.00	11830.55	Rmt.	0.00
	(R2) 1600 mm dia (NP4 Class)	0.00	18365.55	Rmt.	0.00
	(S1) 1800 mm dia (NP3 Class)	0.00	14355.50	Rmt.	0.00
	(S2) 1800 mm dia (NP4 Class)	0.00	20002.50	Rmt.	0.00
		<b>3327.00</b>			
	<b>Section 1&amp;2 A, Item No. 10.1.D&amp;E, Page No. 15, Section 1&amp;2 B, Item No. 11.b, Page No. 39, GWSSB SOR 2022-23</b>				
<b>8</b>	<b><u>ITEM NO.8</u></b>				
	Providing and constructing Sewer machine holes, scraper machine holes and unit house connection chamber, as per the type design in brickmasonry in C. M. 1:5 and inside and outside 20mm 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 machine hole frame and covers (But excluding supply of machine hole frame and covers) over machine holes and houseconnection chambers and fixing machine hole covers (but excluding supplying of machine hole covers) over scraper machine hole etc. complete,providing and fixing safety chain wherever necessary as per the stipulations in the type design complete as per latest CPHEEO manual.(excl. excavation).				

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	<b><u>TYPE-A 1200 mm DIA</u></b>				
	0.70 mt.Depth .....	0	10190.60	No.	0.00
	0.80 mt.Depth .....	0	10853.40	No.	0.00
	0.90 mt.Depth .....	0	11516.20	No.	0.00
	1.00 mt.Depth .....	0	12179.00	No.	0.00
	1.10 mt.Depth .....	0	12841.80	No.	0.00
	1.20 mt.Depth .....	0	13504.60	No.	0.00
	1.30 mt.Depth .....	1	14167.40	No.	14,167.40
	1.40 mt.Depth .....	1	14830.20	No.	14,830.20
	(Add or Deduct Rs.662.8.00 per	2			
	0.10 Mt.Depthincrease or				
	decrease.)				
	<b><u>TYPE- B 1500 mm DIA</u></b>				
	1.50 mt. Depth .....	1	21116.00	No.	21,116.00
	1.60 mt. Depth .....	1	22347.30	No.	22,347.30
	1.70 mt. Depth .....	1	23578.60	No.	23,578.60
	1.80 mt. Depth .....	3	24809.90	No.	74,429.70
	1.90 mt. Depth .....	3	26041.20	No.	78,123.60
	2.00 mt. Depth .....	3	27272.50	No.	81,817.50
	2.10 mt. Depth .....	4	28503.80	No.	1,14,015.20
	2.20 mt. Depth .....	4	29735.10	No.	1,18,940.40
	2.30 mt. Depth .....	4	30966.40	No.	1,23,865.60
	2.40 mt. Depth .....	4	32197.70	No.	1,28,790.80
	2.50 mt. Depth .....	3	33429.00	No.	1,00,287.00
	2.60 mt. Depth .....	4	34660.30	No.	1,38,641.20
	2.70 mt. Depth .....	2	35891.60	No.	71,783.20
	2.80 mt. Depth .....	4	37122.90	No.	1,48,491.60
	2.90 mt. Depth .....	5	38354.20	No.	1,91,771.00
	3.00 mt. Depth .....	4	39585.50	No.	1,58,342.00
	3.10 mt. Depth .....	3	40816.80	No.	1,22,450.40
	3.20 mt. Depth .....	5	42048.10	No.	2,10,240.50
	3.30 mt. Depth .....	4	43279.40	No.	1,73,117.60
	3.40 mt. Depth .....	5	44510.70	No.	2,22,553.50
	3.50 mt. Depth .....	4	45742.00	No.	1,82,968.00
	3.60 mt. Depth .....	5	46973.30	No.	2,34,866.50
	3.70 mt. Depth .....	4	48204.60	No.	1,92,818.40
	3.80 mt. Depth .....	4	49435.90	No.	1,97,743.60
	3.90 mt. Depth .....	4	50667.20	No.	2,02,668.80
	(Add or Deduct Rs.1231.30 per	88			
	0.10 Mt.Depthincrease or				
	decrease.)				
	<b><u>TYPE-C 1500 mm DIA</u></b>				
	4.00 mt. Depth .....	3	52908.00	No.	1,58,724.00
	4.10 mt. Depth .....	3	54786.60	No.	1,64,359.80
	4.20 mt. Depth .....	2	56665.20	No.	1,13,330.40
	4.30 mt. Depth .....	3	58543.80	No.	1,75,631.40
	4.40 mt. Depth .....	2	60422.40	No.	1,20,844.80
	4.50 mt. Depth .....	1	62301.00	No.	62,301.00
	4.60 mt. Depth .....	1	64179.60	No.	64,179.60
	4.70 mt. Depth .....	1	66058.20	No.	66,058.20
	4.80 mt. Depth .....	1	67936.80	No.	67,936.80
	4.90 mt. Depth .....	1	69815.40	No.	69,815.40

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	5.00 mt. Depth .....	1	71694.00	No.	71,694.00
	5.10 mt. Depth .....	2	73572.60	No.	1,47,145.20
	5.20 mt. Depth .....	2	75451.20	No.	1,50,902.40
	5.30 mt. Depth .....	2	77329.80	No.	1,54,659.60
	5.40 mt. Depth .....	3	79208.40	No.	2,37,625.20
	5.50 mt. Depth .....	2	81087.00	No.	1,62,174.00
	5.60 mt. Depth .....	1	82965.60	No.	82,965.60
	5.70 mt. Depth .....	1	84844.20	No.	84,844.20
	5.80 mt. Depth .....	0	86722.80	No.	0.00
	5.90 mt. Depth .....	0	88601.40	No.	0.00
	(Add or Deduct Rs.1878.60 per	32			
	0.10 Mt.Depthincrease or				
	decrease.)				
9	<b>ITEM NO.9</b>				
	Providing and Fixing in position R.C.C. ventilating column as per drawing				
		0.00	16660.00	No.	0.00
	<b>Market Rate</b>				
10	<b>ITEM NO.10</b>				
	Dewatering by pumping set of required capacity including temporary platform carting pumping at site and fixing the same in position including all accessories, and fuel and labour etc. complete.				
	Pump set of Capacity	14400.00	18.32	HP/Hr	2,63,808.00
	<b>Section 2 E, Item No. 1, Page No. 104, GWSSB SOR 2022-23</b>				
11	<b>ITEM NO.11</b>				
	Coloured RCC Precast Machine hole Frame & Cover Manufacture, supply & Delivery at store or at site of work precast RCC M-40 Grade Frame & Cover suitable to drainage machine hole and as per type design & drawing including cost of reinforcement M.S. Angles or Flat, curing mould work etc.				
	(A) For Circular machine hole (heavy duty)	122.00	2294.00	No.	2,79,868.00
	<b>Section 1&amp;2 A, Item No. 10.4.A, Page No. 16&amp;17, GWSSB SOR 2022-23</b>				
	(B) For Scraper machine hole.	0.00	7289.00	No.	0.00
	<b>Item No. 8 b, SMC Drainage SOR 2022-23</b>				
	(C) For House Connection Chamber light duty	10.00	1733.00	No.	17,330.00
	<b>Section 1&amp;2 A, Item No. 10.4.C, Page No. 16&amp;17, GWSSB SOR 2022-23</b>				
12	<b>ITEM NO.12</b>				
	Providing and filling Rubble including hand packing and filling interstices with quarry spalls behind abutment and between returns as directed.	0.00	1064.80	C.M.	0.00
	<b>Item No. 22, SMC Housing SOR 2023-24</b>				
13	<b>ITEM NO.13</b>				
	Shoring or timbering for trench with 50 mm thick planks and suitable size struts etc. complete.				
		10530.00	81.65	S.M.	8,59,774.50
	<b>Section 1 G, Item No. 16, Page No. 82, GWSSB SOR 2022-23</b>				
14	<b>ITEM NO.14</b>				

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	Refilling the pipeline trenches incl. ramming, watering, consolidating desposal of surplus stuff as directed within a radius of 3 km.				
		18280.700	25.30	C.M.	4,62,501.71
	<b>Section 1&amp;2 B, Item No. 14, Page No. 40, GWSSB SOR 2022-23</b>				
<b>15</b>	<b><u>ITEM NO.15</u></b>				
	Providing and constructing rectangular brick masonry chamber for house connection as per type design in brick masonry in C. M. 1:3 including M-100 in foundation M-150 in benching inside plastering in C. M. 1:3 and outside plastering in C. M. 1:3 coping in M200 and fixing RCC precast machine hole frame and covers, but Excl. supply of machine hole and cover etc. complete excl. excavation.				
		10.00	7922.00	No.	79,220.00
	<b>Section 2 D, Item No. 4, Page No. 102, GWSSB SOR 2022-23</b>				
<b>16</b>	<b><u>ITEM NO.16</u></b>				
	Making connection with the machine hole by boring hole on the masonry of machine hole and jointing pipe with cement mortar in prop. (1:2) inside as well as outside of existing machine hole, curing etc. complete as directed by Engineer-in-charge.	20.00	267.86	No.	5,357.20
	<b>Market Rate</b>				
<b>17</b>	<b><u>ITEM NO.17</u></b>				
	Providing and supplying ISI Standard R.C.C. pipes in standard lengths of following class and diameter suitable for rubber ring joints including all taxes, insurance, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. One rubber ring should be supplied with each full length socketed pipe, cost included in rates below. Lowering, laying and jointing R. C. C. pipes in 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				
	(A)100 mm dia NP2	0.00	248.67	Rmt.	0.00
	(A)150 mm dia NP2	50.00	375.45	Rmt.	18,772.50
	<b>Item No.5, Page No. 10, Section 1 &amp; 2 B, Item No.10 Page No. 38, GWSSB SOR 2022-23</b>				
<b>18</b>	<b><u>ITEM NO.18</u></b>				
	Providing and supplying in standard length ISI mark rigid unplasticised PVC pipes suitable for potable water with ring fit joint including cost of rings, as per IS specification no. 4985/1988 including all local and central taxes, transportation, freight charges, octroi, inspection charges, loading, unloading, conveyance to the departmental stores and including cost of jointing material etc. complete. 6 kg/cm <sup>2</sup> Lowering, laying, fixing and jointing PVC/uPVC/cPVC pipes and specials of following class and diameter including cost of conveyance from stores to site of works including cost of labour, material, cement solvent, giving satisfactory hydraulic testing as per ISI code. (A) 75 mm dia.	0.00	113.25	Rmt.	0.00
	(B)110 mm dia	30.00	220.85	Rmt.	6,625.50

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	(C)140 mm dia	0.00	352.45	Rmt.	0.00
	(D) 200 mm dia	30.00	707.55	Rmt.	21,226.50
	<b>Section 1&amp;2 A, Item No. 3.1 B, Page No. 6, Section 1&amp;2 B, Item No. 8, Page No. 37, GWSSB SOR 2022-23</b>				
<b>19</b>	<b><u>ITEM NO.19</u></b>				
	Work of Temporary diversion of sewage by plugging the machineholes at upstream and downstream of the sewer stretches proposed to be replaced. The rubber plug required for the plugging the drainage line shall be procured by the contractor and the same shall be the property of contractor.				
	150mm-400mm sewer line	15.00	20089.29	Nos.	3,01,339.35
	450mm-600mm sewer line	15.00	20982.14	Nos.	3,14,732.10
	700mm-1200mm sewer line	0.00	23660.71	Nos.	0.00
	<b>SMC Approved Rate</b>				
<b>20</b>	<b><u>ITEM NO.20</u></b>				
	Providing & Installation of barricades incl. supplying, painting, with flurescent paint and fixing, CGI sheets 24 SWG of 1.80 m height & M.S. posts angle 40 x 40 x 5 mm at 2.0 m c/c and dismantling the same after complition of work as directed by Engineer - in - Charge.	2994.30	196.43	SM	5,88,170.35
	<b>Market Rate</b>				
<b>21</b>	<b><u>ITEM NO.21</u></b>				
	Carting and Recarting of excavted earth from any site to required place as per requirement and directed by engineer in charge				
	(A) Up to 0.50 K.M.	0.00	39.69	C.M.	0.00
	(B) 0.50 K.M. TO 1.00 K.M.	0.00	47.10	C.M.	0.00
	(C) 1.00 K.M. TO 1.50 K.M.	0.00	54.36	C.M.	0.00
	(D) 1.50 K.M. TO 2.00 K.M.	6000.00	61.30	C.M.	3,67,800.00
	(E) 2.00 K.M. TO 2.50 K.M.	6000.00	68.34	C.M.	4,10,040.00
	(F) 2.50 K.M. TO 3.00 K.M.	800.00	75.23	C.M.	60,184.00
	(G) 3.0 K.M. TO 3.50 K.M.	0.00	81.98	C.M.	0.00
	(H) 3.50 K.M. TO 4.00 K.M.	0.00	88.60	C.M.	0.00
	(I) 4.00 K.M. TO 4.50 K.M.	0.00	95.08	C.M.	0.00
	(J) 4.50 K.M. TO 5.00 K.M.	0.00	101.44	C.M.	0.00
	(K) Above 5.0 K.M. & Up To 10.0 K.M.	0.00	110.80	C.M.	0.00
	<b>Statement No. 5(A), Sr. No. 3.2.1.A, Page no. 302, Surat District R&amp;B 2023-24</b>				
<b>22</b>	<b><u>ITEM NO.22</u></b>				
	Preparation of as built drawing of pipeline and different Machine hole slaid under this work by showing location of each and every pipe in two dimension-horizontal and vertical with respect GIS systemalong with invert levels of the pipeline and different Machine holes . The Contractor shall submit two sets of as built drawings periodically, without which the subsequent R.A. Bill of the work will not be processed payment purpose. On completion of the entire work the contractor shall submit as built drawings for the whole work in six (6) sets along with two (2) soft copies as directed by the Engineer-in-charge. The item includes all required equipments, materials, man power for execution of	3.327	6250.00	KM	20,793.75
	<b>Market Rate</b>				
<b>23</b>	<b><u>ITEM NO.23</u></b>				

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	Drilling of various dia Horizontal borehole for watermain pipeline crossing under the road incl in all strata with required length incl fixing of various dia M.S/RCC/DICL casing pipe with pushing etc complete various size of pipe for various dia watermain Without Water main 250 mm dia 5 mm thickness	0.00	3,467.89	Rmt.	0.00
	400 mm dia 6 mm thickness	0.00	7,973.09	Rmt.	0.00
	500 mm dia 8 mm thickness	0.00	11,604.16	Rmt.	0.00
	824 mm dia OD 12 mm thickness	55.00	22,358.84	Rmt.	12,29,736.20
	900 mm dia 12 mm thickness	0.00	0.00	Rmt.	0.00
	1000 mm dia 14 mm thickness	0.00	31,065.00	Rmt.	0.00
	1100 mm dia 16 mm thickness	0.00	37,935.00	Rmt.	0.00
	1232 mm dia OD 16 mm thickness	0.00	41,189.38	Rmt.	0.00
	1436 mm dia OD 18 mm thickness	0.00	52,731.68	Rmt.	0.00
	1640 mm dia 22 mm thickness	0.00	71,456.00	Rmt.	0.00
	1844 mm dia 22.0mm thickness	0.00	80,071.00	Rmt.	0.00
<b>24</b>	<b><u>ITEM NO.24</u></b>				
	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 <u>unserviceable material with all lead and lift.</u>				
	(a) Brick masonry work/Paver block	0.00	550.40	CM	0.00
	(b) RCC work	0.00	1057.85	CM	0.00
	(c) Unreinforced c.c.	0.00	609.26	CM	0.00
	<b>Surat R &amp; B SOR 2023-24</b>				
<b>25</b>	<b><u>ITEM NO.25</u></b>				
	Providing and Casting in situ mass cement concrete in grade M10 proportion 1:3:6 (1 cement :3- coarse sand : 6- graded stone aggregate of 40 mm nominal size)using granite quartzite trap metal of size 12mm to 25mm including <u>consolidation curing etc. complete</u>	0.00	3662.00	CM	0.00
	<b>Item no.2, Page No. 43, GWSSB SOR 2022-23</b>				
<b>26</b>	<b><u>ITEM NO.26</u></b>				
	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 sand ) etc. <u>comp. Foundation and plinth</u>	0.00	4237.00	CM	0.00
	<b>Item No. 9, SMC SOR 2023-24</b>				
<b>27</b>	<b><u>ITEM NO.27</u></b>				
	Providing 15 mm thick plaster in C.M. 1:3 in single coat for plastering for all heights for brick masonry surface and all RCC surface and finished even and smooth with floating coat of neat cement slurry as directed by Engineer in charge	0.00	237.51	SM	0.00
	<b>Item No. 25, SMC SOR 2023-24</b>				
<b>28</b>	<b><u>ITEM NO.28</u></b>				
	Providing and laying cement concrete 1:1.5:3 (1 cement: 1.5 sand:3 graded stone agg. 20 mm nominal size)& curing comp. Includ.cost of form work but exclu. Cost of reinforcement for reinforced concrete work in : (A) <u>Foundation footing Base of columns and Mass concrete</u>	0.00	5292.00	CM	0.00
	<b>Item no.4, Page No. 43, GWSSB SOR 2022-23</b>				



Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
<b>29</b>	<b><u>ITEM NO.29</u></b>				
	Providing & fixing IS Mark TMT Bar FE 415 reinforcement for R.C.C. work incl. bending, binding & placing in position etc. comp. Upto G.L./P.L.	0.00	73.21	Kg	0.00
	<b>Item no 9.2, Page No. 45, GWSSB SOR 2022-23</b>				
<b>30</b>	<b><u>ITEM NO.30</u></b>				
	Warning tape WARMAT ® Brand PE warning tape with Anti Rodent Properties ( Con Toxic, Non Hazardous Eco friendly ROHS Compliance & 100% recyclable) Moc : LDPE, Roll length : 250 Mtr, Color : Green, Text : Black / White, Length with non deletable high abration. (i) Size : 300 mm width x 100 Micron thk	300.00	31.25	Rmt	9,375.00
	<b>RAC Approved Rate</b>				
<b>31</b>	<b><u>ITEM NO.31</u></b>				
	Providing & laying in trenches galvanised mild steel tubes (medium grade) TATA / ZENITH / ASIAN / JINDAL MAKE of the following nominal bore & tube fittings etc. comp.- 25mm.dia.	200.00	282.18	Rmt	56,436.00
	40 mm dia	50.00	425.33	Rmt	21,266.50
	65mm dia	50.00	723.83	Rmt	36,191.50
	<b>Item No. 78, SMC SOR 2023-24</b>				
<b>32</b>	<b><u>ITEM NO.32</u></b>				
	Providing mantaing upto the required period safe guarding lightening the excavated trenches with proper barricading, fencing with timer balles, bamboos, G.I. sheets, red fiag and red lights alongwith the provision of the chowkidars as directed by Engineer-in-charge	3510.00	12.05	Sqmt	42,295.50
	<b>SMC Approved Rate</b>				
<b>33</b>	<b><u>ITEM NO.33</u></b>				
	Temporary diversion of sewage from House connection chambers, Intermediate manholes and Tee chambers through 150 mm dia corrugated Hose pipe supported at suitable distances from the side and conveying the sewage by gravity to the downstream manhole.	150.00	44.64	Rmt.	6,696.00
	<b>Market Rate</b>				
<b>34</b>	<b><u>ITEM NO.34</u></b>				
	Providing & construction simple chamber of 23 cm. th' B.B. Masonary in C.M 1:5 with cement plaster 15 mm th' in C.M. 1:3 inside & outside to exposed faces, R.C.C. top slab with 1:2:4 mix ( 1 cement: 2 Sand : 4 Grade stone aggregate 20mm size) ,Foundation concrete 1:5:10 & fixing C.I. cover with frame to be not less than 38 kg. On top etc. comp. Inside dimension,455 x 610 mm & 450 mm deep for single pipe				
	(A) Same as above but Precast RCC heavy duty Cover instead of C.I. Cover	0.00	2681.76	No.	0.00
	Extra for every additional depth of 0.1 mt beyoung 0.45 mt	0.00	242.39	Each	0.00
	<b>Item No. 76, SMC Housing SOR 2023-24</b>				
<b>35</b>	<b><u>ITEM NO.35</u></b>				

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
	Removing of existing RCC pipeline incl. removal of specials, valves jointing material including carting and stacking of removed material from site of work to the department store as directed excl. excavation and refilling. RCC/ Pre-Stressed concrete Pipes				
	150 mm	300.00	31.00	Rmtr	9,300.00
	250 mm	660.00	56.00	Rmtr	36,960.00
	300 mm	250.00	70.00	Rmtr	17,500.00
	350 mm	200.00	86.00	Rmtr	17,200.00
	400 mm	410.00	106.00	Rmtr	43,460.00
	450 mm	580.00	126.00	Rmtr	73,080.00
	500 mm	0.00	145.00	Rmtr	0.00
	600 mm	0.00	192.00	Rmtr	0.00
	700 mm	0.00	245.00	Rmtr	0.00
	750 mm	0.00	275.00	Rmtr	0.00
	800 mm	0.00	306.00	Rmtr	0.00
	900 mm	0.00	371.00	Rmtr	0.00
	<b>Section 1G, Item No. 15.a, Page No. 81, GWSSB SOR 2022-23</b>				
<b>36</b>	<b><u>ITEM NO.36</u></b>				
	Providing, Laying and jointing on true line and level UPVC pipe (SCH-40) line of Prince/Supreme/Jain/Astral/Tulsi/Finolex make including fittings make or equivalent as approved by engineer-in-charge. Pipe shall be fixed on the wall the help of clamp at every two meter C/C 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.				
	15 mm Dia	100.00	72.65	Rmt	7,265.00
	25 mm Dia	100.00	91.84	Rmt	9,184.00
	40 mm Dia	25.00	148.12	Rmt	3,703.00
	50 mm Dia	25.00	195.67	Rmt	4,891.75
<b>37</b>	<b><u>ITEM NO.37</u></b>				
	Providing constructing brick masonry inlet chamber of 750 x 600 x 1500 mm internal dimension with necessary excavation refilling 350 mm thick brick masonry in CM 1:4, 150 mm thick PCC and benching in CC 1:2:4, 12 mm thick plaster in CM 1:3 for inside and cement pointing in CM 1:3 for outside, providing and fixing pre-cast RCC frame and cover of M-30 grade as per drawing and specifications - Rate for 1.5 m depth. Add or ded. Rs. 571 for every 10 cm increase or decrease in depth	5.00	13548.00	No.	67,740.00
<b>38</b>	<b><u>ITEM NO.38</u></b>				
	Providing, Supplying and fixing brass ferrule of approved make of following sizes inclusive all taxes, insurance, transportation, freight charge, inspection charge etc. complete				
	15mm dia	25.000	17.86	No.	446.43

Sr. no.	ITEMS	QTY.	RATE	Unit	AMOUNT
<b>39</b>	<b>ITEM NO.39</b>				
	Providing, supplying, lowering and laying of DI K-9 pipes of following diameter with internal cement lining including all taxes, fright, insurance, transportation, inspection charges octroi, laoding, unloading, conveyance to site. 450 mm dia.	0.00	6977.75	Rmtr	0.00
<b>40</b>	<b>ITEM NO.40</b>				
	Puchasing, transporting, unloading, ertation RCC Sewer machineholes using RCC M40 and steel reinforcement of TMT FE-500 for following different sections for sizes of PVC steps at site as per required depth including all materials and taxes etc. complete (Excluding Machinhole Cover)				
	Conical chamber: section (height 1300mm as per drawing & design with 300mm c/c PVC step (300mm wide)	0.00	19819.25	No	0.00
	Base section with bottom (height 1500mm as per drawing & design with predefined opening for RCC pipe and 300mm c/c PVC steps (300mm wide)	0.00	35842.84	No	0.00
	75 mm height Adjuster (560mm dia)	0.00	776.41	No	0.00
	Frame 560mm dia (175mm height)	0.00	1242.44	No	0.00
	Riser Section				0.00
	150 mm height (PVC Step 1 nos.)	0.00	2841.76	No	0.00
	300 mm height (PVC Step 1 nos.)	0.00	5347.53	No	0.00
	600 mm height (PVC Step 2 nos.)	0.00	10744.41	No	0.00
	900 mm height (PVC Step 3 nos.)	0.00	16117.56	No	0.00
	<b>Total A (For Drainage work)</b>				
			<b>Total Amount</b>		<b>1,95,21,739.43</b>