

RE- INVITE TENDER DOCUMENT
FOR THE CONSTRUCTION OF PHASE – 2 OF THE SECURED ENGINEERED MUNICIPAL SOLID WASTE
LANDFILL SITE FOR DISPOSAL OF PROCESSED MUNICIPAL SOLID WASTES OF
AHMEDABAD MUNICIPAL CORPORATION
LOCATED AT: SURVEY NO. 337/P, AT SHAHWADI EKATRA, GYASPUR, AHMEDABAD, TALUKA & DISTRICT – AHMEDABAD, GUJARAT, INDIA.
WORK NO.: AMC/SWM/4/2026-2027
VOLUME – 2: FINANCIAL BID DOCUMENT
PRICE BID (TO BE QUOTED ONLINE ONLY)
OWNED AND MANAGED BY: AHMEDABAD MUNICIPAL CORPORATION, MAHANAGAR SEVA SADAN, SOLID WASTE MANAGEMENT DEPARTMENT, C – BLOCK, 5TH FLOOR, SARDAR PATEL BHAVAN, DANAPITH, AHMEDABAD – 380 001, GUJARAT, INDIA JUNE2026

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AHMEDABAD MUNICIPAL CORPORATION, SURVEY NO. 337/P, AT SHAHWADI EKATRA, GYASPUR, AHMEDABAD			
CONSTRUCTION OF SECURED LANDFILL PHASE 2 FOR PROCESSED MUNICIPAL SOLID WASTE DISPOSAL - RE- INVITE TENDER DOCUMENT			
SUMMARY OF WORKS			
SR. NO.	PARTICULARS	ESTIMATE AS PER SOR R&B DIV. AHD. CITY 2024-25 IN RS.	AMOUNT QUOTED BY BIDDER IN RS.
1	Landfill Phase Construction Civil Works without GST, Rs.	452318118.19	
2	Landfill Phase Construction Liner Works without GST, Rs.	135,420,094.33	
3	Landfill Phase New Additional Works without GST, Rs.	81,920,400.00	
	TOTAL AMOUNT WITHOUT GST, Rs.	669,658,612.52	
	Sign, Seal and Address of the Bidder.		

AHMEDABAD MUNICIPAL CORPORATION, SURVEY NO. 337/P, AT SHAHWADI EKATRA, GYASPUR, AHMEDABAD	
CONSTRUCTION OF SECURED LANDFILL PHASE 2 FOR PROCESSED MUNICIPAL SOLID WASTE DISPOSAL - RE-INVITE TENDER DOCUMENT	
QUOTE SHEET OF THE BIDDER	
Total amount (added or deduct as the case may be for premium percent or rebate) Percent below/above the estimated Cost	% ±
Estimated cost of Tender without GST	Rs. 66,96,58,612.52
Quoted Amount by Bidder in Figures	Rs.
Quoted Amount by Bidder in Words	Rs.
Sign, Seal and Address of the Bidder.	
Sign and Seal of Authorised AMC Dignitary	
Ahmedabad Municipal Corporation	
Date:	
Page B	

NAME OF WORK - SECURED LANDFILL PHASE 2 FOR PROCESSED MUNICIPAL SOLID WASTE DISPOSAL					
AHMEDABAD MUNICIPAL CORPORATION					
BILL OF QUANTITY FOR CIVIL WORKS					
SL NO	BRIEF DESCRIPTION OF ITEM	UNIT	QTY	SOR RATE 2024-25 W/O GST IN RS.	AMOUNT W/O GST IN RS.
1	Mass Excavation Work with Side Slope in 1:2.0 (1V:2.0H)				
1a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04001A	Cu.M.	35399.81	115.92	4103545.76
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	35399.81	61.86	2189832.13
1b	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 1.5 m to 3.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04002A	Cu.M.	24313.19	128.52	3124731.13
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	24313.19	61.86	1504013.91
1c	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 3.0 m to 5.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47,, Ch.4, Item No. 04003B	Cu.M.	34905.22	172.50	6021150.38
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	34905.22	61.86	2159236.89
1d	Mass Excavation executed with mechanised efforts / machineries for foundation for depth from 5.0 m to 6.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				

**Volume - 2 Reinvite Tender - Financial Bid Document, Ahmedabad Municipal Corporation (AMC), SWM
Department Construction of Secured Landfill Phase 2 at S.No. 337/P, Shahwadi Ekatra, Gyaspur, Ahmedabad. June 2026**

(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004B for additional depth Pg. No. 48 to be added to rate of Item 1 (c) (a) derived above.	Cu.M.	17327.74	193.41	3351357.89
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	17327.74	61.86	1071893.90
1e	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 6.0 m to 7.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (d) (a) derived above.	Cu.M.	17183.77	214.32	3682825.39
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	17183.77	61.86	1062987.96
1f	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 7.0 m to 8.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (e) (a) derived above.	Cu.M.	16687.22	235.23	3925335.18
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	16687.22	61.86	1032271.54
1g	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 8.0 m to 9.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (f) (a) derived above.	Cu.M.	16265.11	256.14	4166144.66
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	16265.11	61.86	1006159.56

1h	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 9.0 m to 10.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (g) (a) derived above.	Cu.M.	15793.53	277.05	4375598.75
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	15793.53	61.86	976988.05
1i	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 10.0 m to 11.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (h) (a) derived above.	Cu.M.	15188.77	297.96	4525644.54
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	15188.77	61.86	939577.03
1j	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 11.0 m to 12.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (i) (a) derived above.	Cu.M.	14225.05	318.87	4535942.41
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	14225.05	61.86	879961.73
1k	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 12.0 m to 13.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (j) (a) derived above.	Cu.M.	12388.71	339.78	4209435.42

(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	12388.71	61.86	766365.52
1l	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 13.0 m to 14.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (k) (a) derived above.	Cu.M.	9414.80	360.69	3395822.57
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	9414.80	61.86	582399.25
1m	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 14.0 m to 15.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (l) (a) derived above.	Cu.M.	7914.40	381.60	3020133.58
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	7914.40	61.86	489584.55
1n	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 15.0 m to 16.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (m) (a) derived above.	Cu.M.	3524.31	402.51	1418570.29
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	3524.31	61.86	218013.86
1o	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 16.0 m to 17.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				

(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (n) (a) derived above.	Cu.M.	879.00	423.42	372184.69
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	879.00	61.86	54374.72
1p	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 17.0 m to 18.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (o) (a) derived above.	Cu.M.	337.78	444.33	150084.49
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	337.78	61.86	20894.89
1q	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 18.0 m to 19.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (p) (a) derived above.	Cu.M.	215.36	465.24	100191.86
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	215.36	61.86	13321.87
	Mass Excavation - in Vertical direction of 1.20 m depth at the bottom most portion for accomodating Bottom liner				
1r	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 15.0 m to 16.0 m depth (Average Depth of 15.70 m from avg. EGL of 42.50) including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (n) (a) derived above.	Cu.M.	27642.00	402.51	11126181.42

(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	27642.00	61.86	1709934.12
	Sub Total of Item 1				82282691.89
2	Construction of Earthen Bund on the existing ground to level 6 m high in the specified inner side slope of 1:2.0 (1V:2.0H) and Outer side slope of 1:2 (1V:2H) and below bund out side additional support with soil bottom of landfill. The inner side slope of the landfill shall be constructed in such a way so as to match with the excavated inner side slope from ground level to the bottom of the phase. The bund shall be constructed in areas excluding the Phase 1 bund which is already existing.				
2a	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point to construct earthen bund 6 m high on the existing ground level at the periphery of the excavated phase and in such a way to maintain the prescribed side slope & support of back side earthen bund. It includes filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006, 4.12 Pg. No. 48). See item No.2 of Item wise specifications	Cu.M.	129110.00	129.10	16668101.00
2b	It also includes carriage of Earth over distance exceeding 0.50 km for a 2 km lead including loading, unloading and stacking, (Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Statement No. 4 B, Pg. No. C-D – Carriage of Materials, Sr. No. 4)	Cu.M.	129110.00	61.86	7986744.60
	Sub Total of Item 2				24654845.60
3	Construction of 900 mm thick Amended Clay Liner at the Bottom and Inner Side Slope of the Phase				
	The item includes P/L of amended clay liner using the available soil obtained from the excavated soil and mixing with good quality clayey soil or sodium bentonite in the appropriate proportion as determined in the laboratory with soil to achieve the desired permeability as specified in criteria of CPCB, on the bottom and inner side slope surface of the phase in 900 mm thickness as shown in the bottom and side liner section. The contractor shall mix the excavated soil and bentonite in specified thickness and with rolling, watering and compaction thoroughly. Separate Rate Analysis Provided. See Item No.3 of Item wise specifications.	Cu.M.	80100.00	763.22	61133922.00
	Sub Total of Item 3				61133922.00
4	Construction of Drainage Layer at the Bottom of phase				

	The item includes providing and laying of 300 mm drainage layer comprising of 100mm thick 10 - 20 MM Coarse Aggregate + 100 MM thick 6 - 10 mm (Grit) Coarse Aggregate + 100 mm thk. Coarse sand as shown in drawing. The item includes providing, laying, leveling, compaction etc. complete. Rate Derived from Base Rate + Carriage (>10 MT) for 100 km lead as specified in SOR + Labour Charges. Separate Rate Analysis Provided. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. See Item No.4 of Item wise specifications.				
a	100 mm thk. 10 -20 mm coarse aggregate	Cu.M.	2303.50	1276.50	2940417.75
b	100 mm thk. 6 -10 mm coarse aggregate	Cu.M.	2303.50	1196.70	2756598.45
c	100 mm thk. Coarse sand	Cu.M.	2303.50	1085.55	2500564.43
	Sub Total of Item 4				8197580.63
5	Construction of Top Service Road of the Phase				
	Construction of 6 M Wide CC road on the top periphery of the phase. The item includes excavation, 230 mm thk. Rubble Soling, 100 mm thk. PCC (1:4:8) and 150 mm thk. RCC M30 construction on the road. Total road area --- 5809 Sq.m. excluding Phase 1 top service road already existing. See Item No.5 of Item wise specifications.				
a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. (B) For Dense or Hard Soil, Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Rate for Item No. 04001(B). See item No.1 of Item wise specifications.	Cu.M.	2497.00	148.19	370030.43
b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	2497.00	61.86	154464.42
c	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	1336.00	1054.26	1408491.36
d	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	581.00	2653.67	1541782.27

e	Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg); Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 68, Ch.5, Item No. 5057	Cu.M.	871.00	5043.66	4393027.86
f	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	Kg	37401.00	75.46	2822279.46
g	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	487.00	346.02	168511.74
h	P/L of Expansion Joint Filler Board in Mass Concrete on top face of the ramp and both side slopes of ramps at every 40 m of Length of Road:				
i	Providing and fixing 25 mm thk. HD100 Polymer Expansion joint filler board in the expansion joint of the Mass Concrete at every 40 m length of road: 25 mm thk. HD100 Polymer based expansion joint filler board is a cross linked, pre moulded high performance joint filler board. It is readily compressible and ensures low load transfer. It is a closed cell with excellent chemical resistance, thermally stable upto 70oC, and very compressible as well as elastic with almost more than 90% recoverable to its original state and rot proof and bacteria resistant. The item includes procuring the product, preparation of application system and fixing the product all inclusive. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 65, Ch.5, Item Code No. 5049, Item No. -	Sq.M.	36.00	738.13	26572.68
Sub Total of Item 5					10885160.22

6	Construction of Kerb Walls on both sides of the top service road in RCC M20. - 1) On outer edge towards outer side slope side of Top Service Road - 600 mm high and 100 mm thk. - 988 m long, (Excluding Phase 1 side) 2) On Inner edge towards landfill side of Top Service Road - 600 mm high and 100 mm thk. - 1278 m long (Including Phase 1 side).				
	The item includes making of Kerb Wall on both side edges of the phase top service road. The work includes providing and laying of RCC M 20 including form work for RCC, curing and teel reinforcement. See Item No. 6 of Item wise specifications.				
a	Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained). Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024- 2025, applicable to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5055	Cu.M.	136.00	4793.10	651861.60
b	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work tor steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	Kg	11316.00	75.46	853905.36
c	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	2719.00	346.02	940828.38
	Sub Total of Item 6				2446595.34
7	Construction of Outer Side Slope on the Earthen Bund				
	Following works are to be carried out on the outer side slope of total length - 13.42 m.The item includes protection of Outer side slope by P/L of 230 mm thk. Rubble Soling, 100 mm thk. PCC (1:4:8) and 100 mm thk. RCC M20 on the outer side slope. Total Area of outer side slope is 14064 Sq.m. See Item No. 7 of Item wise specifications.				

**Volume - 2 Reinvite Tender - Financial Bid Document, Ahmedabad Municipal Corporation (AMC), SWM
Department Construction of Secured Landfill Phase 2 at S.No. 337/P, Shahwadi Ekatra, Gyaspur, Ahmedabad. June 2026**

a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. (B) For Dense or Hard Soil, Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Rate for Item No. 04001(B). See item No.1 of Item wise specifications.	Cu.M.	6048.00	148.19	896253.12
b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	6048.00	61.86	374129.28
c	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	3235.00	1054.26	3410531.10
d	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	1406.00	2653.67	3731060.02
e	Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained). Ref.: Govt. of Gujarat, R& B Department,	Cu.M.	1406.00	4793.10	6739098.60
f	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work tor steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C. Item No. 5.4.11	Kg	60377.00	75.46	4556048.42

g	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	425.00	346.02	147058.50
h	P/L of Expansion Joint Filler Board in Mass Concrete on Inner Side Slopes at every 48 m of Average Peripheral Length of Side Slope:				
i	Providing and fixing 25 mm thk. HD100 Polymer Expansion joint filler board in the expansion joint of the Mass Concrete at every 40 m length of road: 25 mm thk. HD100 Polymer based expansion joint filler board is a cross linked, pre moulded high performance joint filler board. It is readily compressible and ensures low load transfer. It is a closed cell with excellent chemical resistance, thermally stable upto 70oC, and very compressible as well as elastic with almost more than 90% recoverable to its original state and rot proof and bacteria resistant. The item includes procuring the product, preparation of application system and fixing the product all inclusive. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to	Sq.M.	73.00	738.13	53883.49
	Sub Total of Item 7				19908062.53
8	Construction of Storm Water Drain around landfill phase periphery on GL - 1 m wide - 1108 m in length, 0.80 m depth				
	The item includes construction of Storm Water Drain in RCC M20 on the G/L. The item includes excavation, rubble soling, PCC, RCC M20 and steel reinforcement. See Item No. 8 of <u>Item wise specifications.</u>				
a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. (B) For Dense or Hard Soil, Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Rate for Item No. 04001(B). See item No.1 of Item wise specifications.	Cu.M.	2267.00	148.19	335946.73
b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	2267.00	61.86	140236.62
c	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	357.00	1054.26	376370.82

d	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	139.00	2653.67	368860.13
e	Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained). Ref.: Govt. of Gujarat, R& B Department,	Cu.M.	477.00	4793.10	2286308.70
f	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	Kg	59542.00	75.46	4493039.32
g	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	4044.00	346.02	1399304.88
h	Providing and Laying of RCC Precast Top Cover for covering of SWD using 90 cm x 90 cm size cover with perforations on the top of the cover to allow rain water easily into the drain. Ref.: Govt. of Gujarat, GWSSB SOR - year 2022-2023, Section - D - Chamber and Manholes, Pg. No. 103, Section 2.D, Item No. 12.0 (E) (2)	Nos.	1231.00	1831.00	2253961.00
Sub Total of Item 8					11654028.20
9	Construction of Toe Wall in Brick Masonry on outer side slope bottom edge with its one edge forming the wall of Storm Water Drain - 1108 m in length				
	The item includes construction of Toe Wall in Brick Masonry on the bottom outer edge of the outer side slope on the G/L. The item includes excavation, rubble soling, PCC, B/M and Plaster. See Item No. 9 of Item wise specifications.				

a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. (B) For Dense or Hard Soil, Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Rate for Item No. 04001(B). See item No.1 of Item wise specifications.	Cu.M.	1315.00	148.19	194869.85
b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	1315.00	61.86	81345.90
c	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	268.00	1054.26	282541.68
d	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	83.00	2653.67	220254.61
e	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	222.00	346.02	76816.44
f	Providing and laying Brick masonry using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand). Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024 - 2025, applicable to Ahmedabad City. Pg. No. 71, Ch.6, Item Code No. 06002BA, Item No. 6.13 (B) - For Conventional Bricks	Cu.M.	292.00	3981.21	1162513.32

g	Providing and applying 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1 cement : 4 fine sand) incl. racking of joints of masonry and roughening of concrete surface (i.e. hacking) to receive plaster, as well as providing and mixing water proofing of 50 kg of material in cement mortar and finishing smooth with a floating coat of neat cement slurry mixing, applying, watering, curing with all labour and materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 136, Ch.17, Item No. 17003B, 17.61 + Item no. 17004A, 17.69 + Item No. 17005A, 17.70.	Sq.M.	1773.00	287.08	508992.84
	Sub Total of Item 9				2527334.64
10	Leachate Well in RCC M25 - 3 Nos. - 3 m diameter x 23.715 m (H)				
	The leachate wells have to be constructed in RCC M250 grade concrete of size 3.0 m dia. x 23.715 m (H) - 3 Nos. with 200 mm thickness wall as shown in the drawing. The well shall be kept open from the top. See Item No. 10 of Item wise specifications. For construction of leachate tanks a pit of size 100 m (L) x 65 m (W) and 21.15 m (D) in a slope of 1:1 needs to be constructed in order to provide space for construction of the three nos. of tanks as per the construction drawing. After construction, the remaining space shall be backfilled with the excavated soil and duly compacted, rolled and watered.				
10a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04001A	Cu.M.	9474.00	115.92	1098226.08
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F	Cu.M.	9474.00	61.86	586061.64
10 b	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 1.5 m to 3.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04002A	Cu.M.	8922.00	128.52	1146655.44
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F	Cu.M.	8922.00	61.86	551914.92

10 c	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 3.0 m to 5.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47,, Ch.4, Item No.	Cu.M.	11037.00	172.50	1903882.50
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	11037.00	61.86	682748.82
10 d	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 5.0 m to 6.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004B for additional depth Pg. No. 48 to be added to rate of Item 1 (c) (a) derived above.	Cu.M.	5150.00	193.41	996061.50
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	5150.00	61.86	318579.00
10 e	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 6.0 m to 7.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (d) (a) derived above.	Cu.M.	4905.00	214.32	1051239.60
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	4905.00	61.86	303423.30
10 f	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 7.0 m to 8.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (e) (a) derived above.	Cu.M.	4660.00	235.23	1096171.80

(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	4660.00	61.86	288267.60
10 g	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 8.0 m to 9.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (f) (a) derived above.	Cu.M.	4414.00	256.14	1130601.96
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	4414.00	61.86	273050.04
10 h	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 9.0 m to 10.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (g) (a) derived above.	Cu.M.	4169.00	277.05	1155021.45
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	4169.00	61.86	257894.34
10 i	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 10.0 m to 11.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (h) (a) derived above.	Cu.M.	3923.00	297.96	1168897.08
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	3923.00	61.86	242676.78
10 j	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 11.0 m to 12.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				

(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (i) (a) derived above.	Cu.M.	3678.00	318.87	1172803.86
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	3678.00	61.86	227521.08
10 k	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 12.0 m to 13.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (j) (a) derived above.	Cu.M.	3433.00	339.78	1166464.74
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	3433.00	61.86	212365.38
10 l	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 13.0 m to 14.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (k) (a) derived above.	Cu.M.	3187.00	360.69	1149519.03
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	3187.00	61.86	197147.82
10 m	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 14.0 m to 15.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (l) (a) derived above.	Cu.M.	2942.00	381.60	1122667.20
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg.	Cu.M.	2942.00	61.86	181992.12
10 n	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 15.0 m to 16.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				

(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (m) (a) derived above.	Cu.M.	2696.00	402.51	1085166.96
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	2696.00	61.86	166774.56
10 o	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 16.0 m to 17.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (n) (a) derived above.	Cu.M.	2451.00	423.42	1037802.42
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	2451.00	61.86	151618.86
10p	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 17.0 m to 18.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (o) (a) derived above.	Cu.M.	2206.00	444.33	980191.98
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	2206.00	61.86	136463.16
10q	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 18.0 m to 19.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 47, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 48 to be added to rate of Item 1 (p) (a) derived above.	Cu.M.	1960.00	465.24	911870.40
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	1960.00	61.86	121245.60
10r	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 19.0 m to 20.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				

(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Pg. No. 67, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 67 to be added to rate of Item 10 (q) (a) derived above.	Cu.M.	1715.00	486.15	833747.25
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. 6.	Cu.M.	1715.00	61.86	106089.90
10s	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 20.0 m to 21.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Pg. No. 67, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 67 to be added to rate of Item 10 (r) (a) derived above.	Cu.M.	1469.00	507.06	744871.14
(b)	Carriage of material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. 6.	Cu.M.	1469.00	61.86	90872.34
10t	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 21.0 m to 22.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or Hard Soil. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Pg. No. 67, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 67 to be added to rate of Item 10 (s) (a) derived above.	Cu.M.	1224.00	527.97	646235.28
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. 6.	Cu.M.	1224.00	61.86	75716.64
10u	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 22.0 m to 23.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.10 of Item wise specifications.				
(a)	Dense or hard Soil. Ref.: Govt.of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Pg. No. 67, Ch.4, Rate of Item No. 04004 (B) for additional depth Pg. No. 67 to be added to rate of Item 10 (t) (a) derived above.	Cu.M.	162.00	548.88	88918.56
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2023-2024, applicable to Ahmedabad City. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. 6.	Cu.M.	162.00	61.86	10021.32

u	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	cu.m.	16.00	1054.26	16868.16
v	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	6.00	2653.67	15922.02
w	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg) Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5056				
i)	Item No. 5056 - In Foundations, footings, base of columns and mass concrete. Ch.5, Pg No. 67	Cu.M.	11.00	4853.56	53389.16
ii)	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025AA In Walls from top of foundation level upto floor two level. Ch. 5, Pg No. 67, 57 & 58	Cu.M.	119.00	5135.40	611112.60
iii)	Item No. 5056 + Difference of Item No. 05025CA, 5.8.3 and Item No. 05025 AA In Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level.	Cu.M.	9.00	5111.59	46004.31
x	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	kg	12706.00	75.46	958794.76

y	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	1308.00	346.02	452594.16
z	Providing and applying 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1 cement : 4 fine sand) incl. racking of joints of masonry and roughening of concrete surface (i.e. hacking) to receive plaster, as well as providing and mixing water proofing of 50 kg of material in cement mortar and finishing smooth with a floating coat of neat cement slurry mixing, applying, watering, curing with all labour and materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 136, Ch.17, Item No. 17003B, 17.61 + Item no. 17004A, 17.69 + Item No. 17005A, 17.70.	Sq.M.	1299.00	287.08	372916.92
aa	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point to construct earthen bund 6 m high on the existing ground level at the periphery of the excavated phase and in such a way to maintain the prescribed side slope & support of back side earthen bund. It includes filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006,	Cu.M.	82580.00	129.10	10661078.00
ab	It also includes carriage of Earth over distance exceeding 0.50 km for a 2 km lead including loading, unloading and stacking, (Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Statement No. 4 B, Pg. No. C-D – Carriage of Materials, Sr. No. 4)	Cu.M.	82580.00	61.86	5108398.80
	Sub Total of Item 10				45166540.34
11	Leachate Collection and Disposal system - Leachate pipes - 160 mm dia lateral perforated pipes - 1456 m length, 315 mm dia main header pipes - 387 m, 400 mm dia main header pipes - 60 m and 160 mm dia whole pipes - 200 m for transferring leachate from leachate tanks upto the leachate disposal system laid in Leachate Collection trench placed at the bottom of the phase and on the GL as indicated in the drawing				

	The item includes providing and laying of 160 mm outer diameter size HDPE pipes of 10 Kg/cm ² pressure grade and ISI make as per IS – 14333:1996 with material grade PE – 100 and material density of > 950 Kg/cm ² or its latest revision/amendments including all local and central taxes & duties, freight charges, loading, unloading and conveyance to departmental stores etc. complete, in standard length suitable for sewage and Industrial effluents and having holes of 10 mm @ center to center 140 mm distance in the upper half section of the pipes and having an arc length of 70 mm, through out the length of the pipes as shown in the diagram attached. The pipes are to be laid horizontally in the drainage layer at the bottom of the phase as shown in the layout plan of the landfill and are connected with the main header HDPE pipe of 400 mm OD. Leachate Tanks are connected with the help of 315 mm OD main header pipes which in turn are connected with the 400 mm OD pipes. The pipes connecting the main header pipe are to be 1 to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5056				
a	Providing and Laying of 160 mm diameter HDPE pipes of 10 Kg/CM ² grade and ISI make with perforations for leachate collection.	R.mt.	1456.00	1425.37	2075338.72
b	Providing and Laying of 315 mm diameter HDPE pipes of 10 Kg/CM ² grade and ISI make without perforations for leachate collection - whole main header pipe.	R.mt.	387.00	3465.58	1341179.46
c	Providing and Laying of 400 mm diameter HDPE pipes of 10 Kg/CM ² grade and ISI make without perforations for leachate collection - whole main header pipe.	R.mt.	60.00	5621.12	337267.20
d	Providing and Laying of 160 mm diameter HDPE whole pipe of 10 Kg/CM ² grade and ISI make for leachate withdrawal from tank with complete pipe fittings and other auxiliaries as needed. It shall also include interconnecting these pipes to the leachate storage tank provided at the GL for storage and further disposal of leachate into the main SWD situated on the other side of the main road.	R.mt.	200.00	925.37	185074.00
e	Providing and Laying of Leachate Collection Trench (1) in the Amended Clay liner top to fix pipes at specified locations – 1456 m for 160 mm Perforated HDPE pipes, 200 m for 160 mm whole HDPE pipes for leachate transfer to main SWD on the other side of the main road and Leachate Collection Trench (2) in the Amended Clay Liner top to fix 387 m for 315 mm main header pipe and 60 m for 400 mm main header pipe:				

e.1.a	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. (B) For Dense or Hard Soil, Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Rate for Item No. 04001(B). See item No.1 of Item wise specifications.	Cu.M.	1349.00	148.19	199908.31
e.1.b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	1349.00	61.86	83449.14
e.2	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	501.00	2653.67	1329488.67
f	Providing and Laying of Sludge pumps with complete electrical system including high efficiency motor, control panels etc. complete with the following specifications: Pump Type: Vertical Centrifugal Submersible Sewage Pump. Specifications :: No. of Stages - 1, Delivery size: 150mm (6"), Discharge. Rate: 4000 LITER / MIN (240M3/HOUR), 25 m head, Shut off head - 40 m, Type of Impeller - Semi Open Type, Seal: TC/TC Mechanical Seal; Material of Construction: Pump Body, Impeller, Suction Case and Discharge Case of Cast Iron & Shaft of EN8; Prime Mover: 50HP x 1440 RPM 3-Phase 415 VAC 50 Hz, Submersible Induction Motor	No.	3.00	400000.00	1200000.00
g	Drilling of 600 mm dia horizontal borehole for watermain pipeline crossing under the road including all strata with required length including fixing of 500 mm dia MS/RCC casing pipe with pushing etc. complete various sizes of pipes for 273.10 to 355.60 mm dia watermain (For 45 m length). (Ref.: Govt. of Gujarat, GWSSB SOR - year 2022-2023, Miscellaneous Section – F, Pg. No. 110, Item No. 10, Sr. No. 10.60)				
	For RCC Casing Pipe in place of MS pipe + Watermain -	No.	9.00	475151	4276359.00
h	RCC Casing Pipe 500 mm dia for insertion in Horizontal borehole - Providing, Laying and Jointing works complete to be inserted in Horizontal Borehole for 315 mm OD HDPE pipes. The item includes providing and supplying of ISI standard RCC pipes (of Sulphate resisting Cement) in standard lengths of following class and diameter suitable for either collar joints or rubber ring joints including all taxes, insurance, transportation, frieght charges, octroi, inspection charges, loading, unloading, conveyance to departmental stores, stacking etc. complete.				

1	Basic rate for RCC NP3 Class pipe – Item No. 10 – RCC Pipe (Horizontal Cast) – Item No. 10.1.D, sr. No. 9 – For 500 mm dia RCC pipe. (Ref.: Govt. of Gujarat, GWSSB SOR - year 2022-2023. Material Section A – Basic Rate of Materials, Pg. No. 15)	R.mt.	405.00	1485.00	601425.00
2	Lowering, Laying and Jointing of RCC pipes In C.M. 1:1:1/2 of following dia. in proper position, grade and alignment at all levels as directed by Engineer – In Charge including cost of conveyance from stores to site works, including cost of labour, giving satisfactory hydraulic testing etc. complete as per ISI code. (Ref.: Govt. of Gujarat, GWSSB SOR - year 2022-2023, Labour Section – B, Pg. No. 39, Item No. 11, 11.b, Sr. No. 11)- For 500 mm dia pipe.	R.mt.	405.00	189.00	76545.00
3	RCC Collars for Connecting RCC Pipes - Supplying of RCC Collars for RCC pipes including all taxes, carting, loading, unloading etc. complete, for 500 mm dia pipe. (Ref.: Govt. of Gujarat, GWSSB SOR - year 2022-2023. Material Section A – Basic Rate of Materials, Pg. No. 16, Item No. 10.3, Sr. No. 8)	Nos.	68.00	209.00	14212.00
i	Construction of Under ground Water Sump at GL for Collecting Storm Water/Leachate obtained from Leachate Wells for further disposal into the SWD. - 2 Nos. Size - 10m x 5 m x 3m (D)				
i.1	Mass Excavation executed with mechanised efforts/ machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04001A	Cu.M.	252.00	115.92	29211.84
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	252.00	61.86	15588.72
i.2	Mass Excavation executed with mechanised efforts/ machineries for foundation for depth from 1.5 m to 3.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04002A	Cu.M.	218.00	128.52	28017.36
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	218.00	61.86	13485.48

i.3	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point. It includes filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006, 4.12 Pg. No. 48). See item No.2 of Item wise specifications	Cu.M.	353.00	129.10	45572.30
i.3a	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	353.00	61.86	21836.58
i.4	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	50.00	1054.26	52713.00
i.5	Providing and laying plain cement concrete (1:3:6) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05003A - 5.3.2 (A)	Cu.M.	25.00	2976.00	74400.00
i.6	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg) Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5056				
1	Item No. 5056, (A) In Foundations, footings, base of	Cu.M.	42.00	4853.56	203849.52
2	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025 AA (B) In Walls from top of foundation	Cu.M.	58.00	5135.40	297853.20
3	Item No.5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025AA (C) In Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. Ch. 5. Pg No. 92 & 57 & 58	Cu.M.	18.00	5111.59	92008.62

i.7	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	kg	12718.00	75.46	959700.28
i.8	Providing and applying 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1 cement : 4 fine sand) incl. racking of joints of masonry and roughening of concrete surface (i.e. hacking) to receive plaster, as well as providing and mixing water proofing of 50 kg of material in cement mortar and finishing smooth with a floating coat of neat cement slurry mixing, applying, watering, curing with all labour and materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 136, Ch.17, Item No. 17003B, 17.61 + Item no. 17004A, 17.69 + Item No. 17005A, 17.70.	Sq.M.	482.00	287.08	138372.56
i.9	Providing and fixing in position cast iron manhole cover with CI frame size 600 x 450 mm and weight about 35 kg of approved quality as per drawing and as directed by Engineer- In-Charge. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 179, Ch.23, Sr. No. 23038, Item No. 0.0	No.	2.00	948.68	1897.36
i.10	Providing and fixing in position cowl vent to pipe of 75mm dia. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 174 Ch.23, Sr. No. 23006 B, Item No. 0.0	No.	2.00	385.88	771.76
i.11	Finishing wall with water proofing cement paint on an undecorated wall surfaces (two coats) to give an approved brand and manufacture (Snowcem, Deorocem or other similar brands approved) and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powdered materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 142, Ch.18, Item No. 18027. (18.51)	Sq.M.	482.00	56.87	27411.34
i.12	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	459.00	346.02	158823.18
i.13	Providing cement vata (10 cms x 10 cms) size quarter round in cement mortar 1:1 including near cement finishing, watering etc. complete. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 138, Ch.17, Item Code - 17015, Item No. 0.0	Rmt	60.00	23.45	1407.00

i.14	Providing and Laying of Sludge pumps with complete electrical system including high efficiency motor, control panels etc. complete with the following specifications: Pump Type: Vertical Centrifugal Submersible Sewage Pump. Specifications :: No. of Stages - 1, Delivery size: 150mm (6"), Discharge. Rate: 4000 LITER / MIN (240M3/HOUR), 25 m head, Shut off head - 40 m, Type of Impeller - Semi Open Type, Seal: TC/TC Mechanical Seal; Material of Construction: Pump Body, Impeller, Suction Case and Discharge Case of Cast Iron & Shaft of EN8; Prime Mover: 50HP x 1440 RPM 3-Phase 415 VAC 50 Hz, Submersible Induction Motor	No.	2.00	400000.00	800000.00
	Sub Total of Item 11				14683166.60
12	Construction of 2 Nos. of Approach Ramps - One for Entry into the landfill and One for Exit from the landfill, 7 m wide 140 m slope length. Slope for Entry Ramp - 1:9.523 and Slope for Exit Ramp - 1:8.284 slope in RCC with Entrance Area Development + Kerb walls 0.60 m high on both the edges of the ramps.				
	The item includes construction of approach ramps - 2 Nos. in RCC for truck movement into and out of the phase. The ramps shall be constructed with bottom liners at the base followed by rubble soling, PCC (1:4:8), RCC M30 and provision of kerb walls 600 mm high and 100 mm thk. in RCC over the liners as shown in the drawing. Total area of Entry ramp with side slopes is 2435 Sq.m. and entrance area shall be 174 Sq.m. Slope length is 140 m and it shall be open from the GL level. similarly Total area of Exit ramp with side slopes is 2653 Sq.m. and Exit area shall be 556 Sq.m. Slope length is 140 m and it shall be open from the GL level. See Item No. 12 of Item wise specifications.				
a	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	1338.00	1054.26	1410599.88
b	Providing and laying plain cement concrete (1:4:8) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05004A - 5.3.3 (A)	Cu.M.	582.00	2653.67	1544435.94

c	Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having Continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg); Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 68, Ch.5, Item No. 5057	Cu.M.	906.00	5043.66	4569555.96
d	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	Kg	38907.00	75.46	2935922.22
e	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	926.00	346.02	320414.52
f	P/L of Expansion Joint Filler Board in Mass Concrete on top face of the ramp and both side slopes of ramps at every 40 m of Average Length of Ramp:				
	Providing and fixing 25 mm thk. HD100 Polymer Expansion joint filler board in the expansion joint of the Mass Concrete at every 40 m length of road: 25 mm thk. HD100 Polymer based expansion joint filler board is a cross linked, pre moulded high performance joint filler board. It is readily compressible and ensures low load transfer. It is a closed cell with excellent chemical resistance, thermally stable upto 70oC, and very compressible as well as elastic with almost more than 90% recoverable to its original state and rot proof and bacteria resistant. The item includes procuring the product, preparation of application system and fixing the product all inclusive. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 65, Ch.5, Item Code No. 5049, Item No. -	Sq.M.	61.00	738.13	45025.93
Sub Total of Item 12					10825954.45

13	Site Clearing and Levelling Works				
a	The item includes Clearing and grubbing road/ land including uprooting rank vegetation grass, bushes, shrubs, sapling and trees girth upto 300mm removal of stumps of trees cut earlier and disposal of unserviceable materials Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Pg. No. 96, Ch.26, Item Code No. 26117D, Item No. 0 See Item No. 13 of Item wise specifications				
	(D) By mechanical means in area of thorny jungle.	Hectare	15.00	34451.77	516776.55
b	Strip Top Soil: The item includes Levelling of ground including necessary cutting or filling and rolling with roller as per instruction etc. complete. Rolling and consolidation using vibratory road roller 8 -10 tonne capacity (incl.watering) Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Pg. No. 97, Ch.26, Item Code No. 26118, Item No. 0				
	(A) Earthwork (layer not exceeding 200mm thickness)	Cu.M.	30800.00	32.76	1009008.00
	Sub Total of Item 13				1525784.55
14	Demolition and Dismantling Works				
a	Demolition including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 149, Ch.20, Item Code No. 20002, Item No. 20.3 See Item No. 14 of Item wise specifications				
	(i) R.C.C. work.	Cu.M.	1560.00	1047.38	1633912.80
	Sub Total of Item 14				1633912.80
15	Extra Soil brought from out side for filling into Site at designated places				
	The item includes Earthwork for embankment including breaking clods, dressing with all lead and lift and including watering, rolling and consolidation of subgrade in layers at O.M.C to required dry density including filling the depression which occur during the process using power roller 8T to 10T from borrow pit area within 5.0 km lead. It also includes carriage of the earth from borrow pits upto 5 km lead, filling, compaction, watering, rolling etc. complete into the different areas of the site at designated places. Separate Rate Analysis Provided. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works year 2024-2025, applicable to Ahmedabad District. See Item No.15 of Item wise specifications.	Cu.M.	203492.00	358.72	72996650.24
	Sub Total of Item 15				72996650.24
16	Backfilling of Soil obtained from Excavation in low lying areas of phase to construct inner side slopes in deep crevices				
	The item includes backfilling of soil obtained from excavation in the low lying areas of the phase in order to construct inner side slopes including backfilling, compaction, rolling, watering to achieve a proctor density of 90% on the side slopes and 95% on the bottom of the phase. The backfilling shall be done in such a way so as to match with the normal side slopes excavated in the sides. See Item No.16 of Item wise specifications.				

a	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point to construct earthen bund 6 m high on the existing ground level at the periphery of the excavated phase and in such a way to maintain the prescribed side slope & support of back side earthen bund. It includes filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006, 4.12 Pg. No. 48). See item No.2 of Item wise specifications	Cu.M.	42080.00	129.10	5432528.00
b	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	42080.00	61.86	2603068.80
Sub Total of Item 16					8035596.80
17	Reinforced Cement Concrete Work on the inner side slope of the phase on Geonet Provided on the Geotextile Liner				
a	Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg); Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 68, Ch.5, Item No. 5057	Cu.M.	8616.00	5043.66	43456174.56
b	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work tor steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	Kg	369878.00	75.46	27910993.88

c	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	4543.00	346.02	1571968.86
d	P/L of Expansion Joint Filler Board in Mass Concrete on Inner Side Slopes at every 48 m of Average Peripheral Length of Side Slope:				
	Providing and fixing 25 mm thk. HD100 Polymer Expansion joint filler board in the expansion joint of the Mass Concrete at every 40 m length of road: 25 mm thk. HD100 Polymer based expansion joint filler board is a cross linked, pre moulded high performance joint filler board. It is readily compressible and ensures low load transfer. It is a closed cell with excellent chemical resistance, thermally stable upto 70oC, and very compressible as well as elastic with almost more than 90% recoverable to its original state and rot proof and bacteria resistant. The item includes procuring the product, preparation of application system and fixing the product all inclusive. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 65, Ch.5, Item Code No. 5049, Item No. -	Sq.M.	299.00	738.13	220700.87
	Sub Total of Item 17				73159838.17
18	Providing and fixing 1.20 Metre high fencing on both sides of top service road and approach ramps				
	Providing and fixing 1.20 Metre high fencing with 2.0 m long MS Angle posts 40 mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 m C/C with five horizontal lines and two diagonals of galvanized steel barbed wire weighing 9.38 kg per 100 metre, strained and fixed to posts with G.I. staples including fixing the posts in ground with 0.5 m x 0.5 m x 0.5 m block in CC 1:5:10 etc. complete. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 166, Ch.22, Item Code No. 22001, Item No. 22.2	Rmt	1558.00	385.40	600453.20
	Sub Total of Item 18				600453.20
	Sub Total of Item No. 1 to 18				452318118.19
	TOTAL AMOUNT OF CIVIL WORKS RS.				452318118.19

AME OF WORK - SECURED LANDFILL PHASE 2 FOR PROCESSED MUNICIPAL SOLID WASTE DISPOSAL					
AHMEDABAD MUNICIPAL CORPORATION					
BILL OF QUANTITY FOR LINER WORKS					
SL NO	BRIEF DESCRIPTION OF ITEM	UNIT	Revised QTY	SOR RATE 2024-25 W/O GST IN RS.	SOR AMOUNT W/O GST IN RS.
19	Providing and Laying of 1.5 mm HDPE Liner on bottom, inner side slope, Entrance area and Approach ramps of the phase above GCL liner				
	The item includes providing and laying of 1500 microns virgin quality HDPE liner. It shall be applied on the Compacted Clay Liner/Geosynthetic Clay Liner on the bottom, inner side slopes, entrance area and approach ramps and anchored below the top service road as shown in the section drawing. It shall be sealed and packed from both ends with the existing layers by employing combi-wedge fusion process. The overlapping between two HDPE sheets shall be minimum 100 mm and the machine welding shall produce two sealing lines between one overlap for perfect sealing of the liner. The lining material shall be of highest quality high density polyethylene (HDPE) sheeting, manufactured in using virgin high density polyethylene resin entirely free of Plasticizers or other filler materials with all labours, tools, tackles, machineries and transportation. The material should comply all the physico chemical properties as specified i.e. Tear resistance, Puncture resistance, Tensile strength at yield and break, Carbon black content, density, etc. All the individual sheets shall be tested accordingly. The measurements shall be taken of the covered area only and no overlaps will be considered. Refer Item No. 1 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. - NON SOR ITEM	Sq.M.	89000.00	519.41	46227490.00
20	Providing and Laying of 500 gsm PP Nonwoven Geotextile Liner on Drainage layer for preventing clogging of drainage layer by leachate.				
	The item includes providing and laying of 500 gsm PP Nonwoven Geotextile liner on the drainage layer on the bottom of the phase for preventing clogging of the drainage layer by leachate. Refer Item No. 2 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. NON SOR ITEM	Sq.M.	23050.00	210.16	4844188.00
21	Providing and Laying of 1200 gsm PP Nonwoven Geotextile Liner on HDPE Liner as a Protective Liner.				
	The item includes providing and laying of 1200 gsm PP Nonwoven Geotextile liner on the HDPE liner applied as a protective liner on the bottom of the phase. Refer Item No. 3 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. NON SOR ITEM	Sq.M.	89000.00	454.49	40449610.00
22	Providing and Laying of 5 Kg/Sq.m. Sodium Bentonite based GeoSynthetic Clay Liner on bottom, inner side slope, Entrance area and Approach ramps of the phase				

	The item includes providing and laying of 5 kg/Sq.m. Sodium Bentonite based GeoSynthetic Clay liner. It shall be applied on the Compacted base on the bottom, inner side slope, Entrance area and Approach ramps of the phase above clayey soil layer and anchored below the top service road as shown in the section drawing. It shall be sealed and packed from both ends with the existing layers by filling with bentonite between the two joints. All the individual sheets shall be tested accordingly. The measurements shall be taken of the covered area only and no overlaps will be considered. Refer Item No. 4 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. - NON SOR ITEM				
		Sq.M.	89000.00	359.84	32025760.00
23	Providing and Laying of 150 GSM unprocessed non woven Geotextile Liner laid and wrapped over 160 mm OD HDPE leachate collection pipes in the leachate collection system.				
	The item includes providing and laying of 150 gsm unprocessed non woven Geotextile liner laid and wrapped over the 160 mm OD HDPE perforated leachate collection pipe so as to allow leachate to flow to the leachate collection pipe and finally to the leachate collection well. This shall permit high flow of leachate into the leachate collection pipe and shall carry leachate to the leachate well. The liner shall be placed over the leachate collection pipe system as shown in the drawing. Refer Item No. 5 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. - NON SOR ITEM				
		Sq.M.	750.00	94.74	71055.00
24	Providing and Laying of Biplanar Geonet made from HDPE material having thickness of 6.2 mm at 20kPa and Mass per Unit area of 720 GSM to be laid on Geotextile Liner on Side Slope to act as a base for laying Concrete on the geotextile liner.				
	The item includes Providing and Laying of Biplanar Geonet made from HDPE material having thickness of 6.2 mm at 20kPa and Mass per Unit area of 720 GSM to be laid on Geotextile Liner on Side Slope to act as a base for laying Concrete on the geotextile liner. Refer Item No. 6 for detailed specifications of Technical Specifications of liner works in the Technical Bid Document. - NON SOR ITEM				
		Sq.M.	57439.00	205.47	11801991.33
	Sub Total of Item No. 19 to 24				135420094.33

TOTAL AMOUNT OF LINER WORKS Rs.				135420094.33
TOTAL AMOUNT OF CIVIL AND LINER WORKS Rs.				587738212.52

NAME OF WORK - SECURED LANDFILL PHASE 2 FOR PROCESSED MUNICIPAL SOLID WASTE DISPOSAL					
AHMEDABAD MUNICIPAL CORPORATION					
BILL OF QUANTITY FOR ADDITIONAL NEW WORKS					
SL NO	BRIEF DESCRIPTION OF ITEM	UNIT	QTY	SOR RATE 2024-25 W/O GST IN RS.	AMOUNT W/O GST IN RS.
B	Construction of Leachate Treatment Plant of 60 KLD capacity				
a	The item includes Providing, Constructing and Operation of 60 KLD Capacity Leachate Treatment Plant (LTP) with Primary, Secondary and Tertiary Treatment of Leachate generated from the landfill site and treating it to the level of discharge permissible standards into the drain leading to the STP. See Item No. 19 of Item wise specifications for more details. Non SOR item. Rate derived from Market rate.	1 Unit Set	1 Unit Set	40000000.00	40000000.00
b	Operation and Maintenance of LTP as Constructed above for a period of 5 years including all the costs involving Overhauling/retrofitting works with increase in O& M cost every year @10% of the previous year charges.				
b.1.	O& M Cost of LTP for the 1st Year	1 Unit Set	1 Unit Set	4000000.00	4000000.00
b.2.	O& M Cost of LTP for the 2nd Year	1 Unit Set	1 Unit Set	4400000.00	4400000.00
b.3.	O& M Cost of LTP for the 3rd Year	1 Unit Set	1 Unit Set	4840000.00	4840000.00
b.4.	O& M Cost of LTP for the 4th Year	1 Unit Set	1 Unit Set	5324000.00	5324000.00
b.5.	O& M Cost of LTP for the 5th Year	1 Unit Set	1 Unit Set	5856400.00	5856400.00
	Sub Total of Item B				64420400.00
C	Construction of Fire Fighting System				
a	The item includes Providing, Laying and Construction of Fire Fighting System comprising of External Fire Hydrant System including the supply and commissioning of the fire fighting network around landfill site with provision of necessary fire pumps, piping, hydrant points as well as provision of 1 Nos. of 5 Lakh Litre Capacity Fire Water Storage Tank and 1 Nos. of 1.50 Lakh Litre Capacity Fire Water Storage Tank complete. See Item No. 20 of Item wise specifications for more details. Non SOR item. Rate derived from Market rate.	1 Unit Set	1 Unit Set	13500000.00	13500000.00
b	Construction of 5 Lac Litre capacity fire fighting tank				
i.1	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.C of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04001A	Cu.M.	379.39	115.92	43979.29
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	379.39	61.86	23469.28
i.2	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 1.5 m to 3.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04002A	Cu.M.	151.76	128.52	19503.71

(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	151.76	61.86	9387.64
i.3	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point. It includes filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006, 4.12 Pg. No. 48). See item No.2 of Item wise specifications	Cu.M.	132.79	129.10	17142.85
i.3a	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	132.79	61.86	8214.23
i.4	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Rate Derived from Base Rate + Carriage (>10 MT) for 100 km lead as specified in SOR + Labour Charges. Separate Rate Analysis Provided. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works.	Cu.M.	58.17	1054.26	61329.69
i.5	Providing and laying plain cement concrete (1:3:6) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05003A - 5.3.2 (A)	Cu.M.	37.84	2976.00	112612.54
i.6	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg) Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5056				

1	Item No. 5056, (A) In Foundations, footings, base of columns and mass concrete. Ch.5, Pg No. 67	Cu.M.	106.86	4853.56	518642.32
2	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025 AA (B) In Walls from top of foundation level upto floor two level. Ch. 5, Pg No. 92 & 57 & 58	Cu.M.	54.04	5135.40	277494.12
3	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025 AA (C) In s,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. Ch. 5, Pg No. 92 & 57 & 58	Cu.M.	74.80	5111.59	382350.45
i.7	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work tor steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Rate Derived from Base Rate + Carriage (>10 MT) for 100 km lead as specified in SOR + Labour Charges. Separate Rate Analysis Provided. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City	kg	10110.00	75.46	762900.60
i.8	Providing and applying 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1 cement : 4 fine sand) incl. racking of joints of masonry and roughening of concrete surface (i.e. hacking) to receive plaster, as well as providing and mixing water proofing of 50 kg of material in cement mortar and finishing smooth with a floating coat of neat cement slurry mixing, applying, watering, curing with all labour and materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 136, Ch.17, Item No. 17003B, 17.61 + Item no. 17004A, 17.69 + Item No. 17005A, 17.70.	Sq.M.	418.98	287.08	120281.64
i.9	Providing and fixing in position cast iron manhole cover with CI frame size 600 x 450 mm and weight about 35 kg of approved quality as per drawing and as directed by Engineer-In-Charge. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 179, Ch.23, Sr. No. 23038, Item No. 0.0	No.	2.00	948.68	1897.36
i.10	Providing and fixing in position cowl vent to pipe of 75mm dia. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 174 Ch.23, Sr. No. 23006 B, Item No. 0.0	No.	2.00	385.88	771.76
i.11	Finishing wall with water proofing cement paint on an undecorated wall surfaces (two coats) to give an approved brand and manufacture (Snowcem, Deorocem or other similar brands approved) and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 142, Ch.18, Item No. 18027, (18.51)	Sq.M.	418.98	56.87	23827.56

i.12	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	459.77	346.02	159089.01
Sub Total of Item C b					2542894.04
c	Construction of 1.5 Lakh Litre capacity fire fighting tank				
i.1	Mass Excavation executed with mechanised efforts/machineries for foundation upto 1.5 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications.				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04001A	Cu.M.	126.00	115.92	14605.92
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	126.00	61.86	7794.36
i.2	Mass Excavation executed with mechanised efforts/machineries for foundation for depth from 1.5 m to 3.0 m depth from EGL including sorting out stacking of useful material & disposing off excavated stuff upto 2.0 Km lead. See item No.1 of Item wise specifications				
(a)	Loose or Soft Soil Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 46, Ch.4, Item No. 04002A	Cu.M.	109.20	128.52	14034.38
(b)	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	218.00	61.86	13485.48
i.3	The item filling available earth, leveling, grading, dressing, watering and compaction of the earth from the excavation point. It includes filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering etc. complete. (Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District. Ch. 4 – Earth work, Item No. 04006, 4.12 Pg. No. 48). See item No.2 of Item wise specifications	Cu.M.	176.40	129.10	22773.24
i.3a	Carriage of Material for Disposing off the excavated stuff upto a lead of 2.0 km. Ref.: Govt. of Gujarat, R& B Department, SOR for Roads and Bridges works - year 2024-2025, applicable to Ahmedabad District. Item No. 3.2.1 (A) (2), Statement 5 for additional lead upto 2 Km, Pg. No. E-F.	Cu.M.	176.40	61.86	10912.10

i.4	Providing and filling rubbles including hand packing and filling interstices with quarry spalls behind abutments and behind returns as directed. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad District, Ch. 27 Bridge Works, Item Code No. 27006 A, Item No. as per NBO - 0, Pg. No. 118.	Cu.M.	25.20	1054.26	26567.35
i.5	Providing and laying plain cement concrete (1:3:6) at the excavated areas and it includes machine mixing, watering, laying, spreading, leveling, consolidating, curing etc. complete with all labour and materials without form work and reinforcement. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 52, Ch.5, Item No. 05003A - 5.3.2 (A)	Cu.M.	12.60	2976.00	37497.60
i.6	Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work, using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg) Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 67, Ch.5, Item No. 5056				
1	Item No. 5056, (A) In Foundations, footings, base of columns and mass concrete. Ch.5, Pg No. 67	Cu.M.	20.77	4853.56	100784.17
2	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025 AA (B) In Walls from top of foundation level upto floor two level. Ch. 5, Pg No. 92 & 57 & 58	Cu.M.	28.86	5135.40	148207.64
3	Item No. 5056 + Difference of Item No. 05025BA, 5.8.3 and Item No. 05025 AA (C) In Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. Ch. 5, Pg No. 92 & 57 & 58	Cu.M.	9.03	5111.59	46132.10
i.7	Supplying, cutting, bending, binding and hooking and binding with wire for RCC work for steel TMT Fe 500 D round bar including bending, binding and placing in position complete all costs upto floor two level. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City, Item Code No. 05014 C, Item No. 5.4.11	kg	6359.00	75.46	479850.14

i.8	Providing and applying 20 mm thick cement plaster in single coat on single or half brick wall for interior plastering upto floor two level finished even and smooth in cement mortar 1:4 (1 cement : 4 fine sand) incl. racking of joints of masonry and roughening of concrete surface (i.e. hacking) to receive plaster, as well as providing and mixing water proofing of 50 kg of material in cement mortar and finishing smooth with a floating coat of neat cement slurry mixing, applying, watering, curing with all labour and materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 136, Ch.17, Item No. 17003B, 17.61 + Item no. 17004A, 17.69 + Item No. 17005A, 17.70.	Sq.M.	240.76	287.08	69117.38
i.9	Providing and fixing in position cast iron manhole cover with CI frame size 600 x 450 mm and weight about 35 kg of approved quality as per drawing and as directed by Engineer-In-Charge. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 179, Ch.23, Sr. No. 23038, Item No. 0.0	No.	1.00	948.68	948.68
i.10	Providing and fixing in position cowl vent to pipe of 75mm dia. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 174 Ch.23, Sr. No. 23006 B, Item No. 0.0	No.	1.00	385.88	385.88
i.11	Finishing wall with water proofing cement paint on an undecorated wall surfaces (two coats) to give an approved brand and manufacture (Snowcem, Deorocem or other similar brands approved) and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 142, Ch.18, Item No. 18027, (18.51)	Sq.M.	240.76	56.87	13692.02
i.12	Providing and Laying of Form work with sheeting of steel sheets so as to give a fair finish for concrete structure as shown in the drawing and including centering, shuttering and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 m and removal of the same for in situ reinforced concrete and plain concrete work in: Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 81, Ch.9, Item Code No. 09001B1A, Item No. 9.1 (B) (1) + Item Code No. 09003B1A, Item No. 9.7 (B) (1), Pg. No. 84. Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness.	Sq.M.	229.52	346.02	79418.51
i.13	Providing cement vata (10 cms x 10 cms) size quarter round in cement mortar 1:1 including near cement finishing, watering etc. complete. Ref.: Govt. of Gujarat, R& B Department, SOR for Building works - year 2024-2025, applicable to Ahmedabad City. Pg. No. 138, Ch.17, Item Code - 17015, Item No. 0.0	Rmt	30.00	23.45	703.50
i.14	Providing and Laying of Fire Main pump with complete electrical system including high efficiency motor, control panels etc. complete with the following specifications: Pump Type: Vertical Centrifugal Submersible Fire Pump of 50 Hp Capacity.	No.	1.00	370195.49	370195.49
Sub Total of Item C c					1457105.96

	Sub Total of Item C				17500000.00
	Sub Total of Item No. B and C				81920400.00
	TOTAL AMOUNT OF NEW ADDITIONAL WORKS RS.				81920400.00