



**SPECIAL AUDIT REPORT
ON
PREPAREDNESS OF GOVERNMENT
AGENCIES
TO MEET RAIN EMERGENCY IN
KARACHI
FOR THE PERIOD 2017-18 TO 2019-20
AUDIT YEAR 2020-21**

AUDITOR-GENERAL OF PAKISTAN

PREFACE

The Auditor-General of Pakistan conducts audit as per Articles 169 and 170 of the Constitution of the Islamic Republic of Pakistan, 1973 and Auditor-General's (Functions, Powers and Terms and Conditions of Service) Ordinance, 2001.

The Directorate General Audit, Local Councils, Sindh conducted special audit on preparedness of government agencies to meet Rain Emergency in Karachi for the period 2017-18 to 2019-20 during September 2020 as per approved TORs with a view to reporting significant findings to stakeholders. The objective of the special audit was, among others, to examine funds allocation and utilization on existing drainage system in Karachi, to examine human and financial resources for maintenance of sewerage and drainage system of the city, capacity of the natural storm water drain/nullahs to discharge the rain water and capacity of the government agencies to efficiently handle the rain emergency situation in the city. This also included the study of the capacity of existing drainage system to discharge and dispose-off rain water and to check whether sufficient storm water drains and landfill sites are available in the city. Audit findings indicate the need of adherence to the regularity framework, besides strengthening internal controls to ensure readiness of civic agencies to meet rain emergency.

The management's view point, wherever received, has been incorporated in this report. The PAO, Secretary Local Government & Housing Town Planning Department did not convene DAC meeting despite pursuance by Audit.

The Audit Report is submitted to the Governor of Sindh in pursuance of Article 171 of the Constitution of the Islamic Republic of Pakistan, 1973 read with Section 116 of the Sindh Local Government Act, 2013 for causing it to be laid before the Provincial Assembly of Sindh.

Islamabad
Dated:

(Javaid Jehangir)
Auditor-General of Pakistan

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ABBREVIATIONS AND ACRONYMS

AGP	Auditor General of Pakistan
DMC	District Municipal Corporation
DHA	Defence Housing Authority
FBR	Federal Board of Revenue
FWO	Frontier Works Organization
INTOSAI	International Organization of Supreme Audit Institutions
HR	Human Resource
KW&SB	Karachi Water & Sewerage Board
KMC	Karachi Metropolitan Corporation
LG&HTP	Local Government and Housing & Town Planning
MGD	Million Gallons Per Day
NDMA	National Disaster Management Authority
NIT	Notice Inviting Tender
OM	Observation Memo
O&M	Operation and Maintenance
OZT	Octroi Zila Tax
POL	Petroleum Oil Lubricant
PDMA	Provincial Disaster Management Authority
R&M	Repair & Maintenance
SLGA	Sindh Local Government Act
SMRFC	Specialized Medium Range Weather Forecasting Centre

SRB	Sindh Revenue Board
SSWMB	Sindh Solid Waste Management Board
TOR	Terms of Reference
TP	Treatment Plant
PAO	Principal Accounting Officer

EXECUTIVE SUMMARY

Directorate General Audit, Local Councils, Sindh carried out the special audit on preparedness of government agencies to meet rain emergency in Karachi for the period 2017-18 to 2019-20 during the month of September 2020 on the direction of Auditor General of Pakistan.

This Special Audit covered offices of Senior Director Municipal Services, KMC, Project Director Nullahs, KMC, six District Municipal Corporations (South, East, West, Korangi, Central, Malir) and Karachi Water & Sewerage Board (KW&SB) under the administrative control of Secretary Local Government, Housing & Town Planning, Government of Sindh.

KMC and DMCs function under Sindh Local Government Act, 2013 and are responsible for planning, development and maintenance of inter-district roads, bridges, and storm water drains, in addition to undertaking special development programs. They are also responsible for coordination, monitoring and supervision of all inter-district development / maintenance works, control of land and removal of encroachments from the properties owned by the Corporation. DMCs are also responsible for sanitation, removal, collection and disposal of refuse from all public streets, drains, buildings within their jurisdiction. As per the KW&SB Act 1996, the Board is responsible for construction, improvement, maintenance and operation of sewerage system and collection, pumping, treatment and disposal of sewerage and industrial waste.

Key Audit Findings

The audited entities did not produce complete/proper auditable record specifically required for the assignment which limited the scope of special audit. Audit was thus limited to the extent of record produced to audit by these agencies.

- i. Failure of the audited entities to remove encroachments from major storm water drains within their jurisdictions.
- ii. Improper maintenance of nullahs and poor rain emergency plans by the audited entities.

- iii. Failure of DMC Malir to provide separate drains to more than a million of population in its jurisdiction. Absence of storm water drains system in various Union Councils of DMC Central.
- iv. Incurrence of expenditure by the audited entities on functions which did not pertain to them.
- v. Overlapping of functions among the audited entities without clearly demarcated jurisdiction and responsibilities.
- vi. KW&SB's failure to vacate illegal occupation on its land.
- vii. Discharge of untreated sewerage into Arabian Sea by the KW&SB.

Recommendations:

- i. The management of KMC & DMCs are required to remove encroachments from major storm water drains which would result into increased carrying capacity of nullahs during monsoon season.
- ii. The management of KMC and DMCs are required to properly maintain storm water drains/nullahs by judiciously utilizing financial and human resources, and to prepare rain emergency plans with proper identifications of risks areas and response aspects, by assigning emergency duties to qualified and professional office staff during rain emergency.
- iii. Proper rain drains and sewerage system are required to be devised/constructed for the whole population of DMC Malir and DMC Central.
- iv. The management of KMC & DMCs are required not to incur expenditure beyond their domain to avoid duplication of expenditure.
- v. There must not be overlapping of functions among different government agencies like KMC, DMCs and KW&SB for proper accountability
- vi. The KW&SB is required to give priority to get all treatments plants functional so that treated sewerage water may be let into Arabian Sea.
- vii. The KW&SB is required to properly manage its land and get its land vacated from illegal occupants for its sewerage treatment plants.

1. Introduction

Karachi witnessed heavy rains during July-August 2020, averaging 176.9 mm during the period. The rains resulted into inundation of many parts of the city with loss of life and property. Severity of devastating rains created unprecedented emergency situation in the metropolis, exposing the capacity of civic agencies to handle the situation. Major part of the city remained without power for almost a week. It took almost a month for the concerned agencies to clear the flooded areas, never before it had caused so severe damage to the already dilapidated water & sewerage infrastructure. It also exposed lack of inter-institutional co-ordination among the civic agencies.

Following areas were taken into consideration during audit:

1.1 Drainage system of Karachi

The storm water drainage system in Karachi city was built during British India period, consisting of nullahs generally from North-East to South-West. Nullahs act as natural drains from Kheerthar range down till sea. Major rivers are Malir River in East and Lyari River in West. There are 38 major nullahs/drains under the jurisdiction of KMC and around 500 minor drains under jurisdiction of six DMCs. Storm water drainage network is adequate but not properly maintained: choked and encroached at many places. Storm water drains which should remain dry and carry only rain water have been turned into sewer conduits for the city. A rise in the number of slums and squatter settlements built on the banks of the drains this further complicated the issue. Most of the drains are heavily encroached on both banks and choked with silt and garbage. Water carrying capacity is affected, with complete choking at some points. Daily accumulated garbage found at open places is also dumped in the drain and is only partially collected and disposed by concerned agencies.

During rains, overflowing water along with solid waste / other debris is channelled into sewerage system which either gets choked or sinks. This also damages the water lines, mixing the water and sewerage lines. No serious efforts on part of concerned government agencies to clean / remove encroachments from the drains / nullahs which are basically for storm water drainage and not for sewage which caused urban flooding in the city during heavy rains.

1.2 Sewerage System of Karachi at a Glance (KW&SB)

Water and sewerage system of Karachi dates back to early 1960s. This sewerage system has outlived its estimated life and has become dysfunctional. Over the years, this system has witnessed lopsided expansion in bits and pieces on localised basis. A scientifically prepared Master Plan that should have taken into account the topography of various areas for proper discharge of sewer and rainwater smoothly into the Arabian Sea should have been prepared. The sewer pipelines have been laid without maintaining the minimum gradient for self-cleaning velocity of discharge flow thereby causing the settlement of sludge/sewer waste and choking the lines.

KW&SB has three waste-water treatment plants which are all non-functional, resulting into discharge of almost 340 million gallons per day (MGD) untreated industrial and domestic sewerage water into the Arabian Sea. Karachi Water & Sewerage Board could not establish a separate system for collection, pumping, treating and disposing of sewerage and industrial waste, which unduly gets dumped into storm water drains.

KW&SB discharges its sewerage into major 41 inter-district storm water drains/nullahs under the administrative control of the KMC. In addition, it also discharges sewage into the branch arteries under the administrative control of the DMCs. It also discharges sewage into Malir & Lyari Rivers which fall under the administrative control of the Irrigation Department, Government of Sindh.

1.3 SSWMB & Rain Emergency

Presently there are only two landfill sites for dumping and disposal of solid waste in the city, i.e., Deh Gondal Pass & Deh Jam Chakro in District West. Due to improper waste disposal by the Sindh Solid Waste Management Board, major part of the solid waste of the city is left unattended which is thrown into local storm water drains either by the locals or is pushed by the rain water along with other debris into these drains and the open sewer lines thereby choking and blocking these drains. Thus, the non-performance of functions by SSWMB and other institutions also impacts the performance of the institutions which are primarily responsible for handling rain emergency and urban flooding. Performance of Sindh Solid Waste Management Board has been dilated upon in another audit report.

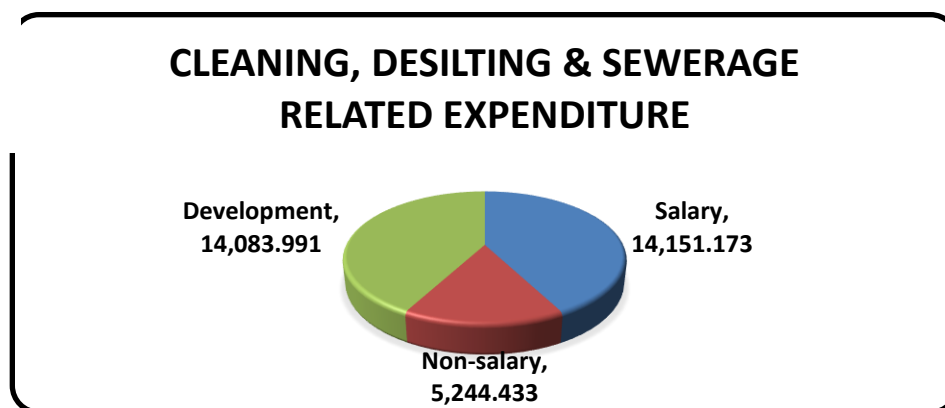
1.4 Summary of Budget and Expenditure (Sanitation, Sewerage and De-silting)

Budget and actual expenditure of the concerned offices is given below;

[Rs. in million]

Sr.	Office	Head of Account	2017-18		2018-19		2019-20		Total	
			Budget	Expend.	Budget	Expend.	Budget	Expend.	Budget	Expend.
1	KMC	Salary	322.21	316.66	349.81	337.66	348.567	353.19	1,020.59	1,007.52
		Non-salary	151.7	114.76	103.96	99.03	80.28	79.05	335.93	292.84
		Development	110	76.23	70	18.98	150	20	330	115.23
2	PD, Nullah	Salary	0	0	0	0	0	0	-	-
		Non-salary	0	0	0	0	0	0	-	-
		Development	0	0	500	439.19	60.81	60.66	560.81	499.86
3	DMC South	Salary	897.55	238.51	949.36	240.01	980.11	238.51	2,827.04	717.05
		Non-salary	62.32	59.21	84	83.18	74	67.73	220.32	210.13
		Development	29.48	29.48	39.43	39.43	20.63	20.63	89.55	89.55
4	DMC East	Salary	133.5	131.48	64.34	61.25	115.2	63.97	313.05	256.71
		Non-salary	136.2	135.96	62.35	62.25	57	48.1	255.55	246.31
		Development	146.7	149.04	219.56	219.02	116	90.4	482.26	458.46
5	DMC Korangi	Salary	291.66	291.66	347.75	347.75	351.05	351.05	990.47	990.47
		Non-salary	430.57	430.57	411.83	411.83	244.84	244.84	1,087.23	1,087.23
		Development	23.91	23.91	33.68	33.68	15.71	15.71	73.31	73.31
6	DMC Malir	Salary	263.61	227.59	235.37	213.27	238	237.2	736.99	678.08
		Non-salary	212.3	112.6	209.05	55.75	117.3	45.87	538.65	214.23
		Development	26	20.53	27	31.41	23	11.573	76	63.52
7	DMC Central	Salary	1,180.80	968.12	1,387.34	1,053.74	1,471.69	1,061.58	4,039.85	3,083.44
		Non-salary	413.7	278.54	1,113.55	824.04	1,215.70	216.25	2,742.96	1,318.83
		Development	8	5.47	90	36	90	88	188	129.47
8	KW&SB	Salary	6,244.83	2,243.73	6,331.59	2,531.59	6,433.54	2,642.58	19,009.97	7,417.92
		Non-salary	7,792.83	525.07	642.75	642.75	874.05	707.034	9,309.65	1,874.87
		Development	2,504.14	7,035.37	9,818.68	2,818.68	9,480.02	2,800.55	21,802.84	12,654.59
Total		Salary	9,334.21	4,417.78	9,665.58	4,785.30	9,938.16	4,948.10	28,937.95	14,151.17
		Non-salary	9,199.63	1,656.72	2,627.50	2,178.84	2,663.18	1,408.88	14,490.30	5,244.43
		Development	2,848.24	7,340.05	10,798.36	3,636.41	9,956.17	3,107.53	23,602.77	14,083.99

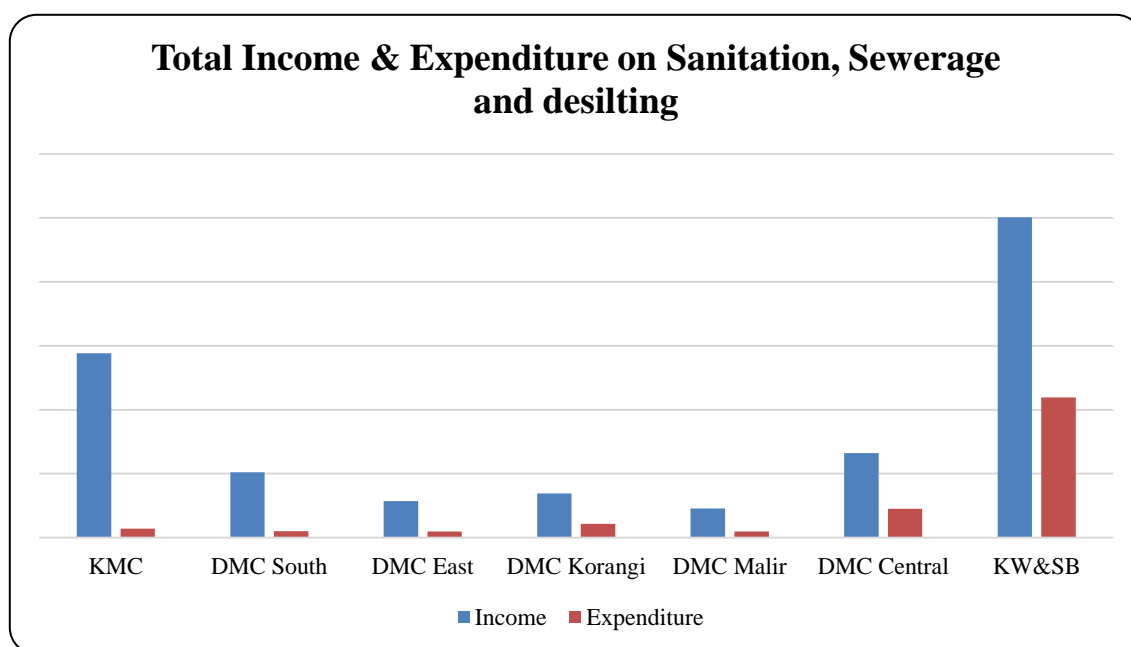
Expenditure was incurred on the salaries of the staff deputed in the health sanitation, disaster management and sewerage related activities. Non-salary Expenditure was incurred on Heads like POL, repair & maintenance of machinery, vehicles and equipment, lifting of garbage, debris etc. The Development Expenditure included R&M of nullahs/drains, silt clearances and other sanitation related activities.



The original Budget of the entities during financial years 2017-18 to 2019-20 was Rs67,031.028 million, against which the expenditure of Rs33,479.598 million was incurred, resulting in overall savings of Rs33,551.430 million.

1.5 Summary of Receipts/Income

Total receipts/income of the audited entities including OZT share, income from own source like rental income, fees, fines etc and other grants from provincial government was Rs119,581.569 million as detailed below;



1.6 Budget & Expenditure of Karachi Metropolitan Corporation

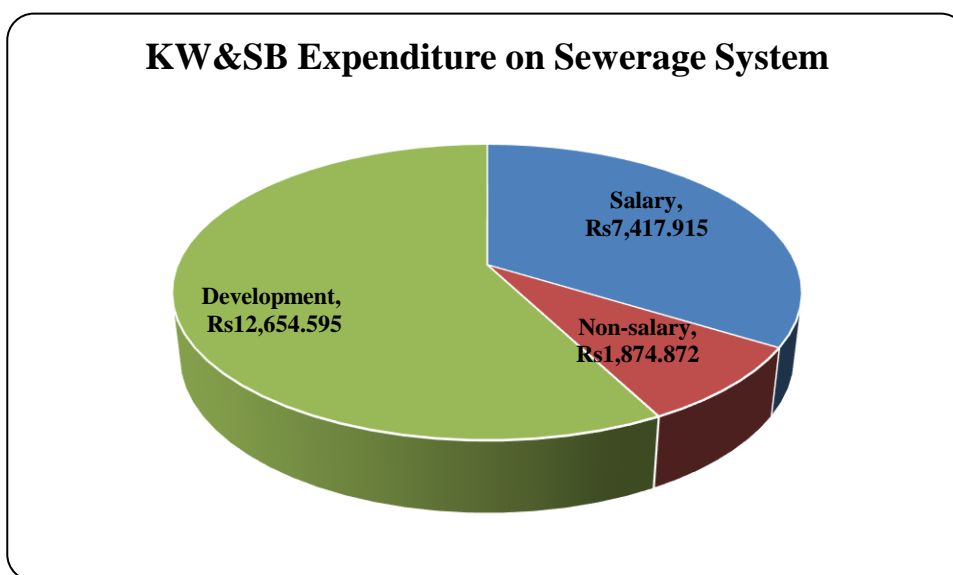
During the period under audit, i.e., 2017-18 to 2019-20 total receipts of KMC stood Rs28,821.828 million out of which Rs1,415.581 million (4.9%) was spent on the expenditure relating to cleaning, de-silting and maintenance of nullahs meant for carrying rainwater during monsoon. The expenditure 95.1% was incurred on the salary, POL, repair & maintenance of vehicle and the development works.

1.7 Budget & Expenditure of Karachi Water & Sewerage Board

The summary budget and expenditure of KW&SB for the F.Y. 2017-18 to 2019-20 is given below which indicates the expenditure incurred on the sewerage system maintaining activities.

(Rs. in million)

Head of Account	2017-18		2018-19		2019-20		Total	
	Budget	Expend.	Budget	Expend.	Budget	Expend.	Budget	Expend.
Salary	6,244.837	2243.736	6331.593	2531.594	6433.541	2642.585	19009.970	7417.915
Non-salary	7,792.836	525.079	642.758	642.758	874.058	707.034	9309.653	1874.872
Development	2,504.140	7035.371	9818.678	2818.678	9480.018	2800.546	21802.836	12654.595
Total	16,541.813	9804.186	16793.029	5993.030	16787.617	6150.165	50122.459	21947.382



The original budget of KW&SB during financial year 2017-18 to 2019-20, was Rs50,122.459 million, against which the expenditure of Rs21,947.382 million was incurred, resulting in overall savings of Rs28,150.077 million, i.e., 56%. This shows that budget was not made on realistic ground. The detail of other entities is given at Table 1.4 on Page 2.

1.8 Audit objectives

- i. To check encroachments and their removal from Nullahs
- ii. To check capacity of drainage system and cleaning/de-silting of nullahs/drains
- iii. Functions, planning and co-ordination between different agencies to meet rain emergencies
- iv. Adequacy of human and financial resources to meet rain emergency
- v. Adequacy of storm water drains in the city

1.9 Audit Scope

Special audit of offices concerned with rain emergency of Karachi Metropolitan Corporation, six District Municipal Corporations (South, East, West, Korangi, Central, Malir) and relevant offices of Karachi Water & Sewerage Board (KW&SB), was conducted for the period 2017-18 to 2019-20 with special focus on preparedness of these government agencies to meet rain emergency in Karachi.

1.10 Scope limitations

There are different Federal, Provincial & Local government agencies and departments performing various rain emergency related functions. However, due to time and human resource limitations, the TORs for this special audit assignment were restricted to eight institutions of local government as mentioned earlier.

Following entities were not included in the scope of special audit:

- i. Sindh Solid Waste Management Board (SSWMB) which deals with lifting, transportation and disposal of Solid waste in Sindh. Performance audit of SSWMB was undertaken separately.
- ii. Sindh Building Control Authority, having jurisdiction over all residential, commercial and industrial buildings in urban and rural areas and their sewerage disposal systems.
- iii. Irrigation Department, Government of Sindh under whose jurisdiction, Malir and Lyari Rivers fall.

- iv. Sindh Environmental Protection Agency which has to implement environmental laws.
- v. K-Electric, which is indirectly responsible, due to its role in power supply in the city.

1.11 Audit Methodology

The audit methodology included collection of data and auditable record, its analysis as per audit objectives and available record/data and physical inspection of sites, wherever possible. Methodology also included understanding and analysis of the business processes with respect to internal control mechanism, identification of internal control weaknesses. Audit observations were developed with recommendations for proper implementation of rules & regulations, and for utilization of available resources to improve their capacity to meet rain emergency and urban flooding.

Audit is based on the analysis of the budget and adequacy of funds, and planning and co-ordination between government agencies to meet rain emergency. This analysis also includes review of capacity of existing drainage system/storm water drains to discharge and dispose-of the rainwater. Sufficiency of human, financial and technical resources for garbage removal, de-silting/cleaning of nullahs, along with proper maintenance of sewerage system and storm water drains was also scrutinized. Efforts of the concerned agencies regarding removal of encroachments from nullahs/drains were also checked.

AUDIT FINDINGS

2. Audit Findings

2.1 Non-Production of Record

Article 170 (2) of the constitution of the Islamic Republic of Pakistan, inserted vide Constitutional (Eighteenth Amendment) Act, 2010 w.e.f. April 20, 2010 states that, the audit of accounts of the Federal and the Provincial Government and the accounts of any authority or body established by or under the control of the Federal or Provincial Government shall be conducted by the Auditor General, who shall determine the nature and extent of such audit.

Section 6 (8) of the Karachi Water & Sewerage Board Act, 1996 states that, accounts of the board shall be audited annually within six months of the expiry of financial year by the Auditor General of Pakistan or his nominee”.

Section 116 (12) of SLGA 2013 states that, nothing provided in this Act shall prejudice or prevent the Auditor General of Pakistan from conducting audit of the councils.

During special audit, it was observed that following offices under administrative control of Local Government Housing & Town Planning Department, Government of Sindh did not produce major auditable record to audit team. Detail is provided at **Annex-1**.

Sr. No.	Name of formation	OM No.
1	Managing Director, Karachi Water & Sewerage Board	01
2	Senior Director, Anti-Encroachment, KMC	02
3	Senior Director, Municipal Services, KMC	14
4	District Municipal Corporation, Korangi	10 & 12
5	District Municipal Corporation, East	10 & 12
6	District Municipal Corporation, South	12
7	District Municipal Corporation, West	01

Non-production of record was a hindrance in the functions of audit. Resultantly, authenticity of the expenditure incurred on various heads of account as well as analysis of the functions/performance of the same offices could not be scrutinized.

The matter was reported to the respective management in October 2020. The management of DMC South replied that the requisite record is available for audit scrutiny. The reply was not tenable because no requisite record was produced with reply.

The management of KMC at Sl.No.3 in their letter dated 22-02-2021 intimated availability of record; however, despite request by Audit to produce original record for scrutiny/verification, no progress was made till finalization of this report. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for non-production of record.

2.2 Removal of encroachment from nullahs and drains

2.2.1 Non-removal of encroachments from Nullahs/drains to avoid urban flooding

Section 145 of Sindh Local Government Act, 2013 states that encroachments shall be dealt with in accordance with the provisions of the laws relating to the removal of encroachments.

Schedule-II Part-I (13) of *ibid* states that control of Land owned by Metropolitan Corporation and Removal of Encroachments from the properties owned by Metropolitan Corporation.

Section 3 (1) of Sindh Public Property (Removal of encroachment) Act, 2010 states that, Government or any authority or officer authorized by the Government in this behalf may require the person directly or indirectly responsible for encroachment to remove such encroachment together with the structure, if any, raised by him on the public property, within the period not less than two days as may be specified in the order.

During special audit, it was observed that offices of the Senior Director, Municipal Services & Director, Contract Management, KMC and District Municipal Corporations Korangi, East, South, Central and Malir failed to remove encroachments and secure the original width of major storm water drains which resulted into decrease in carrying capacity of nullahs to flow rain water during monsoon season. Further, the audited entities did not frame bylaws/regulations including imposition of fine/confiscation of material/property etc. against encroachers. Details of drains/nullahs showing percentage of encroachment are given at **Annex-2**.

However, almost all major storm water drains/nullahs were encroached with hard and soft waste material. Major encroached nullahs included:

- i. Gujjar Nullah was 50% encroached at many places, i.e., Moosa Colony, Bengali Para, Punjab Colony, Khuwaja Ajmeer Nagri, Fatima Jinnah Colony, Peoples Colony, Usman Goth, Wahid Colony and Punjabi Colony
- ii. Orangi Nullah 50% at Banaras Colony, Bangash Colony and Sarhad Colony
- iii. Pitcher Nullah 20% at Machar Colony
- iv. Neher-E-Khayyam Nullah encroached at Bath Island by marriage lawns, residential bungalows, Agha Khan Jamait Khana at Khayaban-e-Rumi
- v. Solider Bazaar Nullah 75% at Jubilee Cinema, National Museum, Shaheen Complex Parking, Dawood College at Gurumandar
- vi. Moach Goth Nullah encroached at Saeedullah Goth
- vii. Chakor Nullah encroached at Bhitaiabad, Pahlwan Goth and Ruffi Shopping Mall
- viii. Manzoor Colony Nullah 60%
- ix. Mahmoodabad Nullah 15% were encroached by DHA Phase-7 and Phase-8 Extension
- x. Mehran Highway Nullah 5%
- xi. Lalabad Nullah 30%

Further, it is also evident from following pictures that the storm water drains were not prepared, clean, dry and empty to meet rain emergency in Karachi prior to monsoon season.

i. Gujjar Nullah, DMC Central





ii. Pitcher Nullah, District South



iii. Agha Khan Jamat Khana, at Khayaban-e-Rumi, DMC South



iv. Nehar-e-Khayyam Branch Nullah, DMC South



v. DMC Malir



vi. DMC Korangi

LANDHI ZONE



along 362 Road from 15000 Road
to 13000 Road

The matter was reported to the respective management in October 2020. The management of DMC South replied that removal of encroachments from nullahs is the responsibility of KMC but DMC is also taking part in removal of choking portions. Reply of the management is not tenable as the management failed to remove encroachment from major and minor nullahs/ storm water drains and did not produce documentary evidences regarding performance of the entity. The management of KMC attributed the matter to its Land Anti-Encroachment and Katchi Abadies Departments and added that the mob/inhabitants did not allow relevant department of KMC to remove the encroachments during anti-encroachment drive at one of the Nullahs of Karachi, viz., Manzoor Colony Nullah, hence they had lodged FIR. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends revisiting the above situation for remedial measure to avoid recurrence of urban flooding.

(KMC: OM=3, 15, DMCs: OM 6, 6, 6, 6, 6, 09)

2.2.2 Unjustified expenditure on anti-encroachment establishment of KMC without significant performance - Rs658.044 million

Section 145 of Sindh Local Government Act, 2013 states that encroachments shall be dealt with in accordance with the provisions of the laws relating to the removal of encroachments.

Schedule-II Part-I (13) ibid states that control of Land owned by Metropolitan Corporation and Removal of Encroachments from the properties owned by Metropolitan Corporation.

Section 3 (1) of Sindh Public Property (Removal of Encroachment) Act, 2010 states that Government or any authority or officer authorized by the Government in this behalf may require the person directly or indirectly responsible for encroachment to remove such encroachment together with the structure, if any, raised by him on the public property, within the period not less than two days as may be specified in the order.

During Special audit, it was observed that office of the Senior Director, Land & Anti-encroachment, KMC incurred expenditure of Rs658.044 million on of Pay & allowances, POL and repair & maintenance of vehicles for removal of encroachments from nullahs and drains. However, the management did not provide any details of removal of encroachments to justify the above expenditure on their establishment. Rather, in response to the requisition of record dated 31-08-2020, the management vide their reply dated 02-09-2020 denied having any anti encroachment role. Details of encroachments on nullahs/drains are provided at **Annex-3**, which shows that encroachments were not removed from the storm water drains resultantly the drains/nullahs were not be kept clean, dry and empty throughout the year to meet rain emergency prior to monsoon season. Summary of actual expenditure as per budget books as follows:

(Rs. in million)

Sr. No.	Major Head of account	FY 2017-18	FY 2018-19	FY 2019-20	Total
		Actual	Actual	Actual	
1	Pay	188.248	213.901	217.055	619.203
2	POL	10.000	15.000	13.195	38.195
3	R&M of vehicles	0.358	0.000	0.288	0.646
Total		198.605	228.901	230.538	658.044

Note: The budget book did not contain figures of expenditure on account of R&M of vehicle for FY 2018-19

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends justification of above expenditure or fixing of responsibility on persons at fault besides, recovery of public money and strengthening of the anti-encroachment functions, especially towards removal of encroachment from storm water drains and nullah to avoid recurrence of urban flooding.

(OM=01)

2.3 Drainage system and cleaning/de-silting of nullahs/drains

2.3.1 Improper cleaning/de-silting of nullahs/drains through outsourcing Rs767.767 million

Schedule-II, Part-I of the Sindh Local Government Act 2013 provides following compulsory Functions to be performed by the Metropolitan Corporation exclusively,

- (1) Planning development and maintenance of Inter-district roads, bridges, street lights and storm water drains
- (8) Drainage: A Corporation, Municipal Committee or Town Committee shall, within the limits of the funds at its disposal provide adequate system of public drains in the Local Area and all such drains shall be constructed, maintained kept cleared and emptied with due regard to the health and convenience of the public.

During Special Audit, it was observed that following offices incurred expenditure of Rs767.767 million on account of cleaning & de-silting of nullahs/drains through outsourcing to private contractors. Detail of expenditure incurred on cleaning and de-silting of nullahs and drains is provided at **Annex-4**.

(Rs. in million)

Sr. No.	Name of office	OM No.	Amount
1	Director, Contract Management, KMC	06+11	440.730
2	District Municipal Corporation, Korangi	07	164.132
3	District Municipal Corporation, East	07	93.159
4	District Municipal Corporation, South	07	69.746
Total			767.767

However, despite incurrence of sizeable expenditure, the storm water drains; Shershah Nullah at DMC West, Songal, Aziz Bhatti, Manzoor colony, Pahlwan Goth drains at DMC East, Mehran Highway Nullah, Lalabad, chakornullahs at DMC Malir, CBM at DMC Korangi, City Nullah, Nehre-khayyam and Soldier Bazar, Pitcher, Kaleri nullahs at DMC South, Orangi Nullah at DMC West, Gujjar Nullah at DMC Central were not cleaned and not kept empty to meet rain emergency in the city prior to monsoon season which was one of the basic reasons behind urban flooding in Karachi. The management did not produce the detailed supporting record including measurement book for lifting of garbage to scrutinize the expenditure. The payments were made on the basis of certificate showing only number of trips without necessary details of trips including

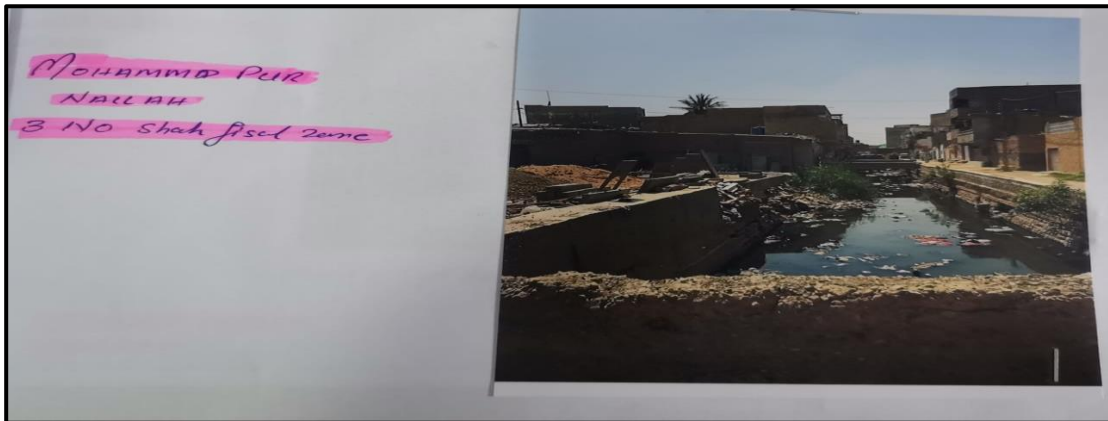
date of trip, transportation of solid waste from nullahs/drains to landfill site, quantity of solid waste, details of vehicles used by contractors and verified weight bridge slips. In absence of supporting record, authenticity of the expenditure could not be checked.

Pictorial images of storm water drain are as follows;

i. **Gujjar Nullah, DMC Central**



ii. DMC, Korangi



iii. Gulistan-e-Johar drain, DMC East



iv. DMC East, Pehalwan Goth Nullah



v. DMC Korangi



from Abuzar Bakery Rawan Town
to 11000 Road



LANDHI ZONE



The matter was reported to the respective management in October 2020. The management of DMC South replied that procurement of 71 small works in respect of cleaning/de-silting of storm water drains was made as per SPPRA Rules. Reply is not tenable because no documentary evidence, i.e., contractors experience, financial capability, proof of registration NTN, SRB etc was provided. The management of KMC in its reply was of the contention that the machinery available with KMC were out of order since long; hence, outsourcing of cleaning was resorted to. The reply is not convincing as despite incurrence of expenditure, the objectives to make the nullahs/drains empty to meet rain emergency was not achieved. Moreover, the management of KMC also did not furnish documentary evidence of details of trips carried out by the contractors to justify the expenditure. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends inquiry into the matter to ascertain factual position of utilization of funds for fixing of responsibility, recovery from person(s) at fault, besides strengthening internal controls for judicious incurrence of expenditure.

2.3.2 Unjustified use of storm water drains as sewerage lines

Schedule-II, Part-II (8) of the Sindh Local Government Act, 2013 states that “A Corporation, Municipal Committee or Town Committee shall within the limits of the funds at its disposal provide adequate system of public drains in the local area and all such drains shall be constructed, maintained kept cleared and emptied with due regard to the health and convenience of the public”.

During Special audit, it was observed that in the following DMCs the storm water drains were being used for discharge of sewage. Resultantly, capacity of storm water drains was adversely affected due to silt and solid waste accumulation which was the major cause of urban flooding.

Sr. No.	Name of formation	OM No.
01	District Municipal Corporation, Korangi	04
02	District Municipal Corporation, East	04
03	District Municipal Corporation, South	04
04	District Municipal Corporation, Malir	03

Following sites in DMC, Malir were found significantly choked:

- i. Downward slope of Malir River near Murghi Khana Bus Stop opposite UBL Bank in UC No.07
- ii. Swedish Collegiate Al Syed Centre point located at both sides of service roads (left & right) at Quaidabad Flyover in UC No.07
- iii. Front & adjacent areas of D.C Malir office under Quaidabad Flyover in UC No.07
- iv. Adjacent area near Al-Karam company in Unit No.01 on Mehran Highway road in UC No.02
- v. Malir Baqra Piri near Café Maula Madad Hotel, Memon Goth road in UC No.10
- vi. Service road point near Prince Ali School
- vii. Yunus Textile Mill disposing untreated sewage in storm water drain
- viii. Anwar Baloch Hotel before upward slope of Malir River, National Highway

Pictorial images of few choked storm water drains are given below:

(i) Yunus Textile Mill disposing un-treated sewage in storm water drain



(ii) Sewerage system connected in drain at UC No.03, DMC Malir, Karachi.



(iii) Sewerage line connected to drain at UC No.02, DMC Malir, Karachi



(iv) iv. Mohammadpur Nullah , Shah Faisal Zone, DMC Korangi



(v) Gulistan-e-Johar



The matter was reported to the respective management in October 2020. The management of DMC South replied that main/major nullahs pertain to KMC regarding their maintenance yet DMC South carried out work of de-silting/ cleaning of the said nullahs to the extent of clearing of the choking points so as to regulate adequate flow. Storm water drains are connected to the main trunk sewer at the disposal point where main nullahs do not exist. Reply is not tenable as the management should have kept the main nullahs / drains clean, dry and empty to allow smooth flow of rain water. Other entities did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends that storm water drains be maintained, kept clear and empty with due regard to the health and convenience of the public.

2.3.3 Non-existence of adequate storm water drains

Schedule-II, Part-II (8) of the Sindh Local Government Act, 2013 states “A Corporation, Municipal Committee or Town Committee shall within the limits of the funds at its disposal provide adequate system of public drains in the local area and all such drains shall be constructed, maintained kept cleared and emptied with due regard to the health and convenience of the public”.

During Special Audit, it was observed that DMC Central failed to establish adequate storm water drains and connect the same to main nullahs/drains. Resultantly the rainwater was being discharged into sewerage system of the KW&SB which had itself been discharging their own sewage into main nullahs and blocking them in the process. The management also failed to carry out periodical clearance and maintenance works of the existing few drains. Non establishment of dedicated storm water drainage system and connecting it to the main nullahs along with their proper maintenance resulted into choking of the sewerage and drainage system thereby causing urban flooding during rain emergency. Details are as under:

Sr. No.	Name of the area	Location without adequate storm water drains
1.	New Karachi, DMC Central, Karachi	UC 01 to UC 13
2.	North Nazimabad, DMC Central, Karachi	UC 14 to UC 25& UC 44 to UC 51

Sr. No.	Name of the area	Location without adequate storm water drains
3.	Gulberg, DMC Central, Karachi	UC 26 to UC 33
4.	Liaquatabad, DMC Central, Karachi	UC 34 to UC 43

Pictorial image of rain water being let into the sewerage system by the DMC Central during monsoon 2020:



The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends review of capacity in the area of storm water drain with effective steps to overcome the adverse situation for preparedness of rain emergency.

(OM=03)

2.3.4 Loss of KW&SB land earmarked for Sewerage Treatment Plant-IV

As per letter No.KW&SB/SR-Dir.(L&E)/21(4)/07 dated 20-01-2017 issued by Senior Director, Land & Estate Department, KW&SB, Karachi to the Director, Legal Affairs, KW&SB, the Board had constructed boundary wall over its 228 Acre land earmarked for S-IV Treatment plant at Ibrahim Hyderi under Greater Karachi Sewerage Plan was transferred in favour of private beneficiaries by Land Utilization Department, Government of Sindh in the year 1998.

During Special Audit, it was observed that the KW&SB failed to timely deposit mutation fee of Rs 22.50 million for its 228 Acre of land to the government of Sindh. Resultantly these 228 Acre out of total 465 Acre land earlier handed over to KW&SB by the Government of Sindh during 1989-90 for construction of S-IV Treatment Plant Market value of the land stood at approx Rs165,528.00 million as per FBR rates vide SRO No.837(1)/2019 dated 23rd July 2019. Details are provided at **Annex-5**.

KW&SB's failure to timely deposit mutation fee resulted in loss of precious land which could have been utilized for construction of S-IV Treatment plant for treatment of sewage waste.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault, and take disciplinary action under intimation to audit.

(OM=03)

2.3.5 Doubtful expenditure on garbage lifting - Rs305.214 million

As per Section 116(7) of Sindh Local Government Act 2013, Every Member or Employee of a Council and every person, charged with the administration of the affairs of a Council, or acting on behalf of a Council shall be personally liable for the loss, waste, misapplication or unauthorized application of any moneys or property belonging to the Council which is a direct consequence of his negligence or misconduct, and the liability

of such member, employee or person shall be determined by Government in the prescribed manner.

During Special Audit, it was observed that management of DMC Korangi incurred expenditure of Rs305.214 million on account of payment to contractors for garbage lifting from different areas of DMC to GTS and from GTS to landfill site, but no supporting record to prove the claimed garbage lifting was produced to audit. Detail is provided at **Annex-6**.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends inquiry in the matter to ascertain factual position of the expenditure for fixing responsibility on the person(s) at fault and recovery be made under intimation to audit.

(OM=13)

2.3.6 Irregular award of work to ineligible contractor - Rs3.319 million

As per Notice Inviting Tender (NIT) No.Dir/CM/MCS/KMC/186/2018 dated 08.05.2018 on SPPRA website, firms having PEC registration under category C-5 were eligible to participate.

During Special Audit, it was observed that office of the Director Contract Management, KMC awarded work No.5 of cleaning and De-silting of nullahs of 5000 road, U.P More, Sakhi Hassan and North Karachi, District Central KMC (Civil Work) to M/s Aqil Khan Sherwani & Brothers at cost of Rs3.319 million which possessed PEC registration in C-6 category hence ineligible in terms of the NIT.

By awarding of work to ineligible bidder, the management extended undue favour at the cost of public exchequer.

The matter was reported to the management in October 2020. The management replied that the work was awarded to the firm holding PEC certificate in Category C-6; however, any evidence in support of reply was not furnished. The PAO did not convene

DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for the non-transparency in award of work, besides taking remedial measure.

(OM=10)

2.3.7 Loss to government due to unauthorized revision of cost of work already awarded – Rs1.361 million

Section 4 (2) of the Sindh Financial Management and Accountability Act, 2011 states that:

- a. all financial transactions shall be duly authorized;
- b. all financial transactions shall be recorded promptly, clearly, accurately, logically and coherently;
- c. all financial transactions shall be carried out in an efficient and effective manner.
- d. all financial transactions shall be carried out for a proper purpose.

For the purpose of this clause, a purpose shall be considered as proper if it is:

- (i) clearly identifiable;
- (ii) in pursuance of an official policy
- (iii) adequately estimated as to its costs, consequences and effects
- (iv) sanctioned in compliance with all applicable procedures
- (v) within the ambit of law and not restricted by any law in force for the time being; and
- (vi) in furtherance of the public interest.

During Special Audit, it was observed that DMC South awarded works amounting to Rs13.610 million to 4 firms after due process of tendering of 15 works on account of cleaning and de-silting of nullahs; however, cost of the same works was revised to Rs14.971 million, i.e., by including 10% provision on account of SRB Tax amounting to Rs1.361 million. The addition in the cost with the objective to provide factor of tax in the already contracted amount was an undue favour to the contractors at the cost of public exchequer. Detail is provided at **Annex-7**.

The matter was reported to the management in October 2020. The management replied that the said works/ estimates in respect of de-silting/ cleaning of nullahs/ storm water drains were made on the basis of composite schedule Government of Sindh and also included 10% SRB. The reply was not tenable because no documentary evidence and approval of competent authority was provided. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends recovery besides fixing of responsibility on the person(s) at fault.

(OM=10)

2.3.8 Splitting up of work orders for cleaning of storm water drains to avoid open tender - Rs1.680 million

Rule 12 of Sindh Public Procurement Regulatory Authority Rules, 2010 “The procuring agency shall not split or package procurement plan with intention to shorten or facilitate the procurement process and approval mechanism.”

During Special Audit, it was observed that DMC Central incurred an expenditure of Rs1.680 million by splitting up of work orders for cleaning of storm water drains to avoid tender process. Detail is provided in **Annex-8**.

Splitting up of work orders into parts resulted in non-achievement of competitive rates at the cost of public exchequer.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on person(s) at fault, besides taking remedial measure.

(OM=09)

2.4 Jurisdiction/interdepartmental coordination

2.4.1 Unjustified expenditure on account of R&M of water & sewerage lines beyond jurisdiction – Rs192.577 million

According to Sindh Financial Management and Accountability Act, 2011, Section 4-2 (d) all financial transactions shall be carried out for a proper purpose. For the purpose of this clause, a purpose shall be considered as proper if it is

- i. clearly identifiable
- ii. in pursuance of an official policy
- iii. adequately estimated as to its costs, consequences and effects;
- iv. sanctioned in compliance with all applicable procedures;
- v. within the ambit of law and not restricted by any law in force for the time being; and in furtherance of the public interest

During Special Audit, it was observed that DMC East incurred expenditure amounting to Rs192.577 million on account of development/improvement of sewerage lines/water lines which was beyond its jurisdiction and pertained to KW&SB. Detail is as under:

(Rs. in million)

Sr. No.	Name of work	Expenditure		
		2017-18	2018-19	Total
Gulshan-e-Iqbal Zone				
01	Development/Improvement of sewerage line	21.454	33.184	54.638
02	Replacement of water lines	6.616	7.057	13.673
03	Maintenance of sewerage lines council members proposals	3.979	1.986	5.965
Sub Total		32.049	42.227	74.276
Jamshed Zone				
01	Development/improvement of water supply system	1.985	2.063	4.048
02	Development/improvement of sewerage system	36.589	53.930	90.519
03	Maintenance of sewerage line council members	6.944	16.790	23.735
Sub Total		45.518	72.783	118.302
Grand Total		77.567	115.009	192.577

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for incurring expenditure beyond jurisdiction, besides taking remedial measures to avoid recurrence.

(OM=13)

2.4.2 Unjustified expenditure on account of Health & Sanitation Department beyond jurisdiction – Rs945.845 million

According to Clause 1 (ix) of the Services and Assets Management Agreement (SAAMA) executed between the Sindh Solid Waste Management Board and the DMC Malir, approved by the Government of Sindh vide Notification No.LG (SO-V)/33-4/2015 dated 17th August, 2017, Government of Sindh transferred the sanitation function from DMC-Malir to SSWMB.

Clause 8 (i) of the *ibid* states that the salary, allowances including pension contribution, group insurance and any other amount including remuneration payable to the transferred employees/workers shall be worked out on the basis of payroll of DMC (Malir) prior to the month of transfer. The Finance Department, Government of Sindh shall deduct this amount, at source, from the share of DMC (Malir) and transfer it directly to the board in such a way that payment of salary to the employees/workers transferred from DMC (Malir) to the Board is un-interrupted.

During Special Audit, it was observed that DMC Malir incurred expenditure of Rs945.845 million on salary and Health & Sanitation functions which had been handed over to the SSWMB by the DMC Malir w.e.f. 28th August, 2017. Hence, the expenditure was beyond domain of the Council. Moreover, possibility of duplication of the expenditure could not be ruled out. Detail is provided in **Annex-9**.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for incurring expenditure beyond jurisdiction, besides taking remedial measures to avoid recurrence.

(OM=02)

2.4.3 Missing inter-departmental co-ordination between KMC, KW&SB, SSWMB and DMCs

Section 3 (vii) (b) of the KW&SB Act, 1996, function of the Board is to undertake construction improvement, maintenance and operation of Sewerage works for collection, pumping, treating and disposing of sewerage and industrial waste.

Schedule-II, Part-I of SLGA 2013 mentions compulsory functions to be performed by the Metropolitan Corporation exclusively, (1) Planning development and maintenance of Inter-district roads, bridges, streetlights and storm water drains.

PART-I-A (2). Responsibility for Sanitations: - A Corporation, Municipal Committee or Town Committee shall be responsible for the sanitation and may for that purpose cause such measures to be taken as are required by or under this Act.

(3). Removal, Collection and Disposal of Refuse: - A Corporation, Municipal Committee or Town Committee shall make adequate arrangements for the removal of refuse from all public streets, public latrines, urinals, drains and all buildings and lands vested in the Council concerned and for the collection and proper disposal of such refuse

Schedule-II, Part-II (8) of the *ibid*, states that “A Corporation, Municipal Committee or Town Committee shall within the limits of the funds at its disposal provide adequate system of public drains in the local area and all such drains shall be constructed, maintained kept cleared and emptied with due regard to the health and convenience of the public”.

Section 8 (1) of the Sindh Solid Waste Management Board Act, 2014 “The Board shall have the right over the solid waste related issues, assets, funds and liabilities of the councils and shall possess sole rights on all kinds of solid waste within the limits of all councils”.

During Special Audit, it was observed during physical visit of respective sites that there was missing inter-departmental coordination between KMC, KW&SB & SSWMB. Detail is provided in **Annex-10**.

Following shortcomings were noticed;

- i. Almost all storm water drains were full of sewage which is responsibility of KW&SB to collect, pump, treat and dispose of sewerage and industrial waste. The three treatment plants of KW&SB were found dysfunctional due to which 151 MGDs untreated industrial and domestic sewerage was being discharged through storm water drains into the Arabian Sea.
- ii. Solid waste material / debris were found at open spaces besides all major choking points of drains/nullahs were blocked in DMCs. Following main points were found choked in DMC Malir. Downward slope of Malir River near Murghi Khana Bus Stop opposite UBL Bank in UC No.07, Swedish Collegiate Al Syed Centre point located at both sides of service roads at Quaidabad Flyover in UC No.07, Front & adjacent areas of D.C Malir office under Quaidabad Flyover in UC No.07, adjacent area near Al-Karam company in Unit No.01 on Mehran Highway road in UC No.02, Malir Baqra Piri near Café Maula Madad Hotel, Memon Goth road in UC No.10, Service road point near Prince Ali School and Anwar Baloch Hotel before upward slope of Malir River, National Highway.
- iii. Almost all major storm water drains were heavily encroached on both banks and choked with silt, sludge and garbage. Continuous rise in the number of slums and squatter settlements built on the banks of the drains further complicated the issue. Removal of encroachments from storm water drains is the compulsory function of KMC. KMC is also responsible for cleaning, desilting and maintaining storm water drains/ nullahs.

i. Solid waste in open space, NIPA Chowrangi, DMC East



ii. Nullah with full of solid waste, Gulistan-e-Jauhar, DMC East



iii. Storm water drain with full sewage, DMC Malir



Due to missing inter departmental coordination among civic agencies the desired results for prevention from urban flooding could not achieved despite incurring of sizable expenditure amounting to Rs1,429.400 million by KMC and DMCs for cleaning, de-silting of storm water drains / nullahs.

The matter was reported to the respective management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends strong inter-departmental coordination and clear separation of function and duties of the departments for preparedness to meet rain emergency during monsoon season.

(KMC: OM=02, DMC Malir: OM=5)

2.4.4 Improper rain emergency plans

Few rain emergency related objectives of Pre-Flood Arrangements, 2019 by KMC as given below:

- (1) In view of the previous experiences, it became imperative to introduce updated Rain Emergency Plan with a systematic approach for the safety of property and lives of people of Karachi and a provision of better relief system to them.
- (2) To counter flood like situation in Lyari River, Malir River and Major Nullahs like their link Nullahs during heavy rain fall.
- (3) For awareness information of concerned agencies/DMCs where unauthorized settlement and inhabitants are this plan would help and assist for them rescue and relief living in dangerous environment of River Beds.
- (4) A coordinated/comprehensive/update Rain Emergency Plan is very much needed to; event and manage the pre, during and post rain situation.

During Special Audit, it was observed that offices of the Senior Director, Municipal Services, KMC, DMCs South, East, Korangi, Malir & Central prepared rain emergency plans without indicating proper line of action. Following shortcomings were noticed:

- i. Emergency plans were prepared without details of storm water drains/nullahs in terms of proper cleaning/de-silting during the monsoon period.

- ii. SP Pumps and related machinery were not got repaired & maintained to remove stagnant water from main roads and other locations during rain emergency in the city. Further, deployment of staff, pumps and related machinery at specific vulnerable points was not provided.
- iii. Repair & maintenance of roads and filling of trenches was also not mentioned to avoid further damage to infrastructure.
- iv. Sufficient number of machineries for cleaning of drains and nullahs, boats in case of overflow of drains and nullahs within limits of the council alongwith trained staff were not provided in rain emergency plans.
- v. Non-existence of professionally trained disaster management department within organization.
- vi. Rain emergency plans were not designed to ensure maximum safety and ease of local community.
- vii. Pakistan Meteorological Department was not consulted while making rain emergency plan.
- viii. Sufficient number of technical manpower & specialized machinery was not planned to meet the rain emergency during the monsoon period.

The matter was reported to the respective management in October 2020. The management of DMC South replied that old city nullahs do not carry whole rain water. The sewerage lines have been turned into carriage of rain water. Since the potential of last spells of rain water was very heavy and frequent so existing system could not carry the rain water as per standard parameters. Reply is not tenable because management failed to perform its function as no efforts were made to prevent urban flooding. The management of KMC in its reply did not respond each of the audit observation point-wise but attributed the matter to the short receipt of funds from Government of Sindh for cleaning and de-silting. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends that proper rain emergency plans be prepared by indicating proper line of action, to ensure the maximum safety and ease of local community by posting of professionally trained & technical human resource in Disaster Management Department.

(KMC: OM=01, DMCs: OM= 01, 01, 01, 01, 04)

2.4.5 Lack of planning for construction of new storm water drains, reservoirs & storage ponds

According to Schedule-II, Part-I of the Sindh Local Government Act 2013, Compulsory Functions to be performed by the Metropolitan Corporation exclusively included among others, the planning development and maintenance of Inter-district roads, bridges, streetlights and storm water drains.

According to Sindh Local Government Act, 2013, Rule 76(1), a Council shall prepare and implement development plans”.

Greater Karachi Plan, 1952(e) states that small dams should be built in series in order to retain the water as long as possible within the area where the rainfall has actually occurred. The object would be thereby to raise the ground water level and, in addition, to reduce the effect of erosion. The dams should be built after detailed examination of the country and preferably sited higher level than that where the nullahs are formed.

During Special Audit, it was observed that KMC and DMCs did not make plan to construct water reservoirs, storage ponds and small dams, for the city whose population increased from 2.5 million in the year 1,952 to 20.7 million in the year 2017 (as per census). Lack of planning resulted in stagnation of rainwater, wastewater in the city’s underpasses, commercial and residential areas. A few pictorial images are provided below:





Had small water ponds and storage reservoirs been constructed as per recommendations in Master Plan of Karachi 1952, the city would have been saved from urban flooding and the excess water during monsoon season could have been stored and utilized.

The matter was reported to the respective management in October 2020. The management of DMC South replied that storm water drains have been converted into sewerage lines by the public at their own will. Further sewerage system and drainage

system needs to be separated from each other and storm water drains be left for what these have been meant to exist. Reply is not tenable because management failed to perform its function as no efforts were made to prevent urban flooding. Other offices did not reply. The management of KMC in its interim response attributed the matter to its Engineering Department; however, the latter office did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for ill planning for the city against urban flooding, besides consideration for construction of small dams, water reservoirs and storage ponds.

(KMC: OM=2, & DMCs: OMs=5, 5, 5)

2.4.6 Non-repair/maintenance of vehicles before monsoon

Rule 160 of the Sindh Local Councils (Accounts) Rules, 1983 states that “As soon as any vehicle, engine, plant or machinery is purchased or received in gift exchanged or transfer, it shall at once, be entered in the history sheet of vehicles, engine, plant and machinery in Form No.118 showing the date, cost number and other particulars of such an item. A page or set of pages shall be set apart for each such item. Every incident in the life of the vehicle, plant or machinery including repairs shall be noted therein. Depreciation and book value of the vehicle, plant or machinery, after deducting depreciation shall be noted at the end of year in the column provided”.

During Special Audit, it was observed that DMC Malir did not repair and maintain council vehicles before monsoon. 21 out of total 25 vehicles of the Council were off road (non-functional) during the monsoon period. Detail is provided at **Annex-11**.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for non-maintenance of vehicles, besides taking remedial measures.

(OM=10)

2.4.7 Non-framing of regulations on water & sewerage related issues

Section 16 (1) KW&SB Act 1996 states that the Board may, with the approval of government, make regulations for carrying out the purposes of this act.

- (2) In particular such regulations may provide for:
- (iii) Regulation, control or inspection of private sewers, water connection, service line including internal fittings.
 - (iv) Procedure for levying collecting rates, fees or charges for water supply & sewerage service and imposing surcharge in case of any default made in payment thereof.

During Special Audit, it was observed that KW&SB failed to frame detailed regulations to control or inspect private sewers, water connections, and service lines including internal fittings of industrial, commercial and private societies/consumers under its jurisdiction. Resultantly, the commercial/industrial entities and private societies were disposing untreated industrial and private sewerage into storm water drains, nullahs and rivers, causing damage to environment, aquatic life and blockage of the storm water drains, nullahs and rivers during storm.

Non-framing of regulations for private sewers, societies and industrial/commercial sector adversely affected the performance of KW&SB.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for not framing of regulations for carrying out the purposes of the Act.

(OM=09)

2.4.8 Non-execution of compulsory functions by Municipal Corporation – sanitation & public awareness campaign

According to Clause 1&5, Part-I, Schedule-II of the Sindh Local Government Act 2013, compulsory Functions to be performed by the Metropolitan Corporation, exclusively in respect of **Public Health** as follows:

5. **Infectious diseases**: A Corporation, Municipal Committee or Town Committee shall adopt such measures to prevent infectious diseases and for restraining infection within the Local Area as the rules and byelaws may provide.

As per Clause-1 & 2, Part-II, Schedule-II of the Sindh Local Government Act 2013, compulsory responsibility of the councils is to promote sanitation and public health.

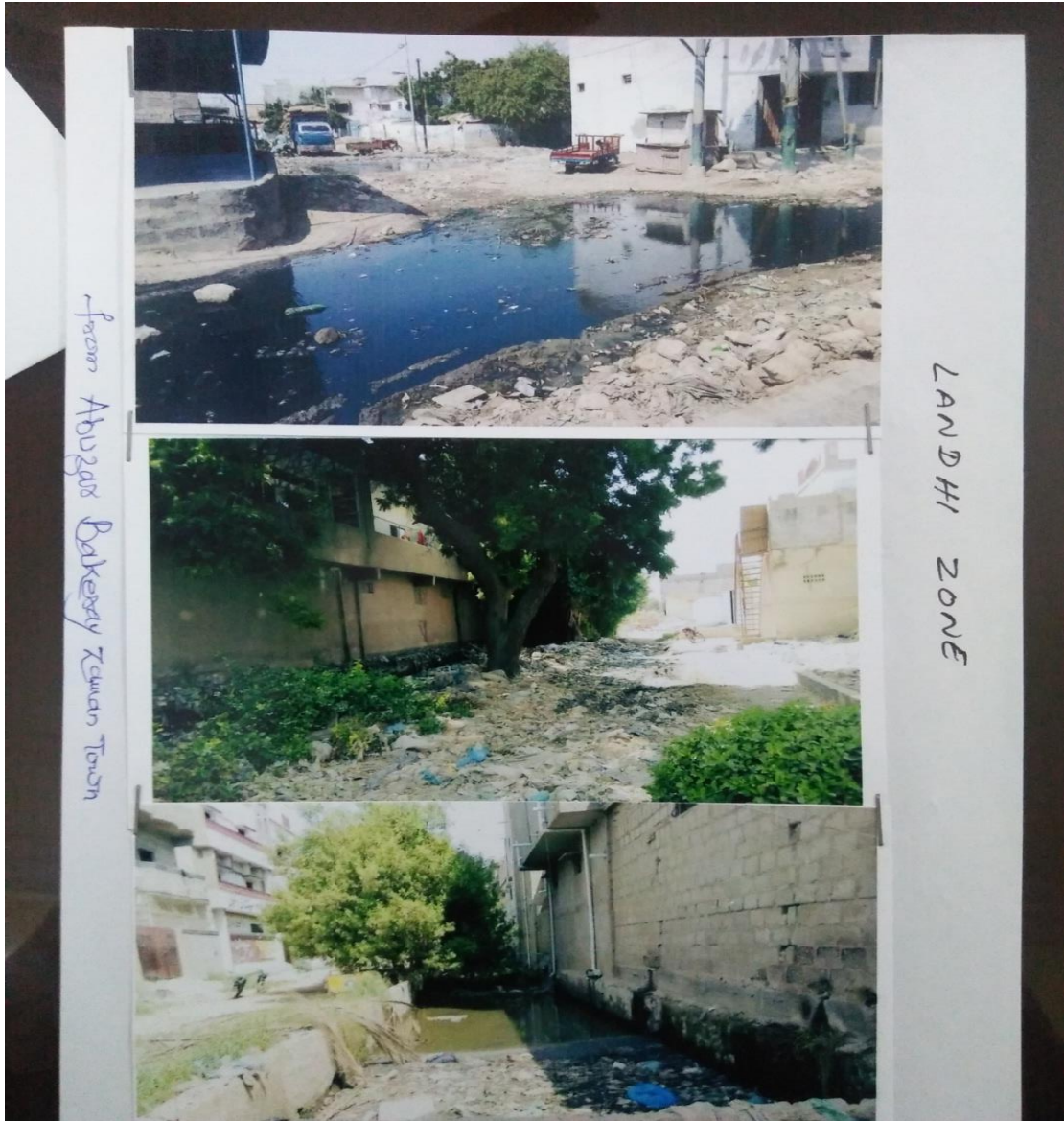
During Special Audit, it was observed that following offices failed to perform their compulsory functions as given below:

- i. Fumigate the areas where rainwater/sewage stood for many days after heavy rains
- ii. Provided other basic health services, first aid, preventive care, nutritional support and pharmaceutical care, etc., to stop spread of infectious diseases.
- iii. Take measures for promoting public health including education in health through print and electronic media regarding adopting safety measures during rain emergency which could prevent deaths and diseases in wake of rains and urban flooding.

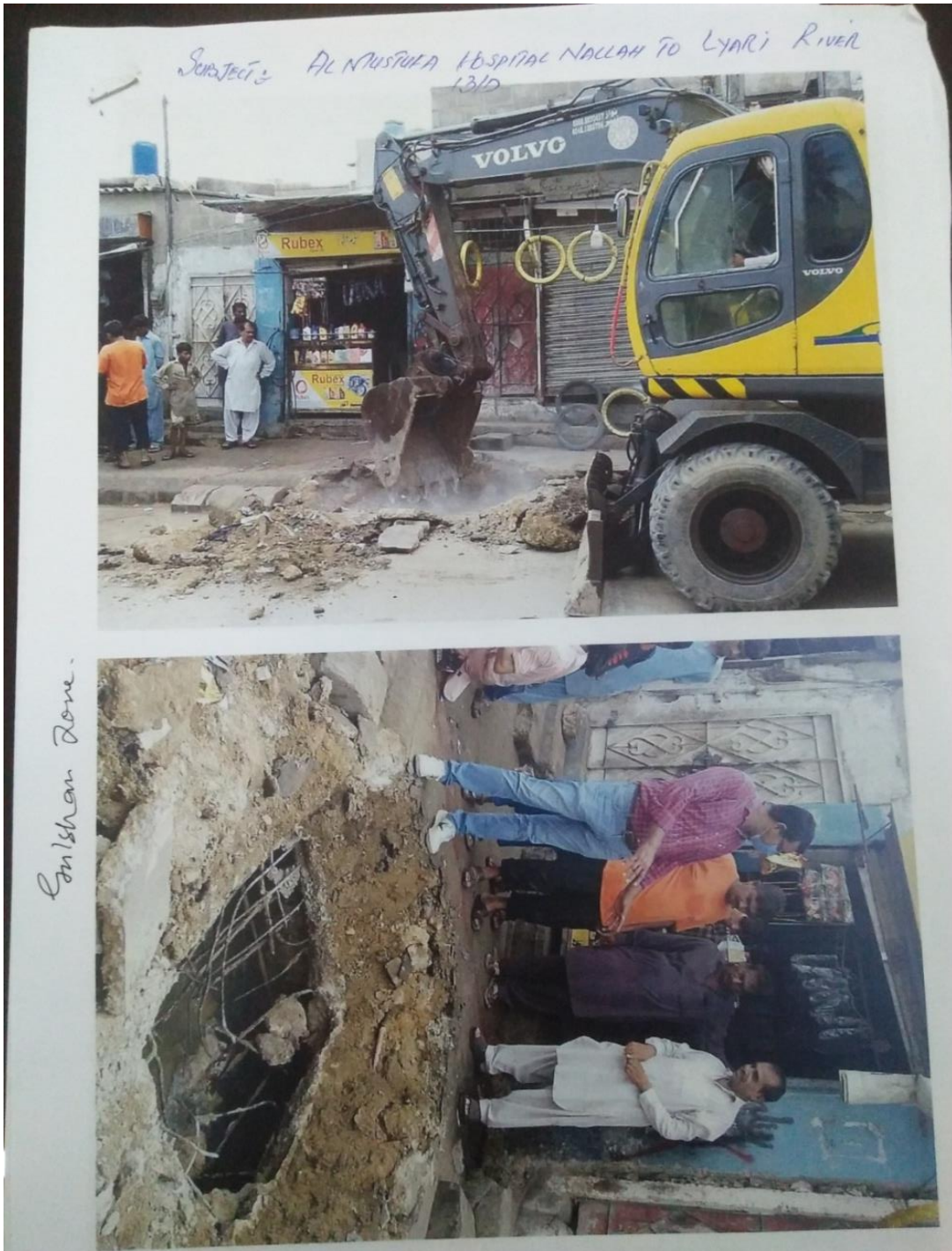
Sr. No.	Name of formation	OM No.
1	District Municipal Corporation, Korangi	3&8
2	District Municipal Corporation, East	3&8
3	District Municipal Corporation, South	3&8
4	Senior Director, Municipal Services, KMC	5&8

The pictorial images few nullahs are given as follows:

DMC Korangi



DMC East



i. Landhi Zone along 352 Road from 3000 Road to 351 Road Zaman Town



ii. DMC East



iii. Drain near police headquarter



iv. Mehran Highway nullah at DMC Malir



The matter was reported to the respective managements in October 2020. The management of DMC South replied that the cleanliness campaign was being initiated from time to time but fumigation does not fall in the administrative function of DMC South. However, DMC adds its resources to the KMC functionaries in this regard to help the system in fumigation process. Reply is not tenable because as per Part-I, Schedule-II of the Sindh Local Government Act 2013 the DMC is responsible to ensure public health. Further, no documentary evidence was produced in support of the reply. The management of KMC in its reply contended that the quoted sections of SLGA 2013 pertained to DMCs and SSWMB; however, they did not elaborate as to how the referred section of SLGA 2013 specifically describing functions of Metropolitan Corporation was not pertaining to KMC. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for non-performing of basic functions: initiating of public awareness campaign, execution of measures to reduce the risk of infectious diseases.

2.4.9 Non-vacation of illegally occupied 1227.23 Acre land

Section 14-A (1) (c) of the KW&SB Act, 1996 states that If any person who encroaches upon the land of the Board shall be punished with imprisonment of either description for a term which may extend to ten years and with fine which may extend to rupees one million or both.

During Special Audit, it was observed that KW&SB failed to get vacated illegally occupied 95.23 Acre of land of the Sewerage Treatment Plant-II at Mehmoodabad, Karachi. The present market value of the land is estimated to Rs4,551.050 million as per valuation by FBR vide its SRO No.837(1)/2019 dated 23rd July, 2019.

(Rs. in million)			
Sr. No.	Description	Land in Acre	Cost of occupied land
1	Without rent occupied by KMC for Workshop	8.18	395,910
2	Without rent occupied by KMC for Asphalt Plant	8.21	397.360
3	Illegal allotment by City Nazim to Lyari Town settlers	44.37	2,147.510
4	Encroachments	33.27	1,610.270
Total		95.23	4,551.050

Details along with map of the encroached land are provided at **Annex-12**. Further the Board also failed to remove encroachments on its installations and property consisting of 1,132 acre land for pumping station pond at Manghopir, District West, Karachi. Detail is provided in **Annex-12 (continued)**. Non-vacation of the operational land occupied by various government agencies/private parties resulted in discharge of waste in storm water drains with subsequent adverse impact on their carrying capacity to dispose-of rainwater during monsoon and reflected weak preparedness of the management for rain emergency.

The matter was reported to the respective management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for non-removal of encroachment, besides complete removal of encroachments on installations and property of KW&SB.

(OM=04 & 06)

2.4.10 Non-functioning of sewerage treatment plants

Section 3 (vii) (b) of the Karachi Water & Sewerage Board Act, 1996 provides that one of the functions of the Board is to undertake construction improvement, maintenance and operation of sewerage works for collection, pumping, treating and disposing of sewerage and industrial waste.

During Special Audit, it was observed that KW&SB failed to keep its sewerage treatment plants functional. Resultantly, 151 MGDs untreated industrial and domestic sewerage was being discharged into the Arabian Sea. Untreated industrial and sewerage waste also choked main nullahs and storm water drains which remained full of sewage waste even during normal periods before monsoon season. Detail of the non-functional sewerage treatment plants is as under:

Sr. No.	Name of Treatment Plant	Location of the plant	Covered area of the plant (Acre)	Date of completion	Designed Capacity of the plant (MGD)	Remarks
1	TP-I	SITE	134	1964-1965	51	Non-functional
2	TP-II	Mehmoodabad	120	1963-1995	46	
3	TP-III	Mauripur	545	1998	54	
Total			799		151	

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for disposing off un-treated sewerage waste into the Arabian Sea and non-functional treatment plants, besides rehabilitation of the same.

(OM=05)

2.5 Human resource and financial management

2.5.1 Unauthorized creation of higher-grade posts

As per Section 3(xiii) of the KW&SB Act, 1996, states that the Board shall prepare and revise schedule of posts for the Board and submit it to the government for approval.

Further, as per Section 4 (8) *ibid* states that Government may approve schedule of advisors, officers and other staff for the Board.

During Special Audit, it was observed that the KW&SB revised its schedule of establishment without approval of the government. One post of Project Director BPS-20 was modified to four posts of Project Directors BPS-20, and six posts of BPS-19 were upgraded to BPS-20 on officiating basis by the Board. The management did not produce record regarding financial impact of the creation of same posts. Detail is provided in **Annex-13**.

The unauthorized creation of posts reflected improper human resource management and affected the financial resources of the Board.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on person(s) at fault for unauthorized modification in schedule of establishment, besides taking remedial measures.

(OM=10)

2.5.2 Lack of administrative action against absconding staff of the DMC

As per Section 116(7) of Sindh Local Government Act 2013, states “Every Member or Employee of a Council and every person, charged with the administration of the affairs of a Council, or acting on behalf of a Council shall be personally liable for the loss, waste, misapplication or unauthorized application of any moneys or property belonging to the Council which is a direct consequence of his negligence or misconduct, and the liability of such member, employee or person shall be determined by Government in the prescribed manner”.

During Special Audit, it was observed in the office of DMC Central, that 332 staff of sanitation department out of total strength of 2,712 had absconded from duties (12% of total strength) and their pay was stopped/withheld. The record produced to audit did not show details of any further action taken against absconding staff.

Due to absence of considerable number of staff the work related to sanitation suffered resulting in inadequate preparedness to meet rain emergency.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for in action against the absconding officials, besides taking remedial measures.

(OM=02)

2.5.3 Un-authorized creation of Disaster Management Department and placement of outside cadre employees by DMC (Central)

Rule 3 (1) of the West Pakistan Municipal Committees Service Rules, 1969 provides, “For every municipal committee there shall be a municipal service to be known by the name of the municipal committee concerned;

- (2) Each service shall consist of such cadres, classes and grades, and each cadre, class and grade of service shall consist of such number of posts as may be specified by the municipal committee concerned with the approval of the government.
- (3) Member of one cadre or service shall not be liable to appointment to a post on any other cadre of the service”.

During Special Audit, it was observed that DMC Central had created Disaster Management Department since 12-04-2016 by posting of Ex-Deputy Town Officer (B&R) BPS-17 (Non-SCUG Cadre) as Director, Disaster BPS-18, Ex-Town Officer (Regulation) of Non-SCUG Cadre as Rescue Officer BPS-16 and 44 Naib Qasids as rescue workers without approval of the schedule of establishment by the government. Further, two Planning Officers BPS-17 & 18 were posted in disaster management department from Sports & Recreation Department in 2019. Staff posted in disaster management department were not qualified and lacked training to meet rain emergency.

The creation of Disaster Management Department by employing untrained/non-professional persons was indicative of weak human resource management and reflected lack of preparedness to meet rain emergency.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for mismanagement in human resource, besides taking corrective administrative measures.

(OM=07)

2.5.4 Unjustified expenditure on establishment, POL and repair & maintenance Rs642.312 million

As per Section 116(7) of Sindh Local Government Act-2013, Every Member or Employee of a Council and every person, charged with the administration of the affairs of a Council, or acting on behalf of a Council shall be personally liable for the loss, waste, misapplication or unauthorized application of any moneys or property belonging to the Council which is a direct consequence of his negligence or misconduct, and the liability of such member, employee or person shall be determined by Government in the prescribed manner.

During special audit, it was observed that KMC incurred expenditure of Rs642.312 million on account of pay & allowances of employees, POL and repair and maintenance of vehicles without providing the details of municipal services related to cleaning and de-silting work performed by the local office, since the same office through PD, Nullahs / Director Contract Management incurred expenditure of Rs440.730 million on account of cleaning & de-silting of nullahs/drains through outsourcing. Detail of expenditure on Establishment, POL and R/M of vehicles is as under:

(Rs. in million)

Sr. No.	Major Head of account	FY 2017-18	F.Y 2018-19	FY 2019-20	Total
		Expenditure	Expenditure	Expenditure	
Senior Director, Municipal Services, KMC					
1	Pay	40.139	34.884	38.372	113.395
2	POL	4.365	5.000	1.944	11.308

(Rs. in million)

Sr. No.	Major Head of account	FY 2017-18	F.Y 2018-19	FY 2019-20	Total
		Expenditure	Expenditure	Expenditure	
3	R&M of vehicles	0.300	0.095	0.090	0.485
Sub-Total		44.804	39.979	40.406	125.188
Senior Director, Municipal Services (Machinery & Pool Department)					
1	Pay	88.273	88.878	97.766	274.917
2	POL	96.176	78.930	57.188	232.294
3	R&M of vehicles/machinery	3.563	0.000	6.349	9.912
Sub-Total		188.012	167.808	161.303	517.123
Grand Total		232.816	207.787	201.709	642.312

The matter was reported to the management in October 2020. The management replied that the allocation quoted by the Audit pertained to all sections of Municipal Services Department, KMC including Municipal Public Health, Solid Waste Management, Machine Pool Depot and Communication Department. However, the management did not elaborate its contention by providing section-wise figures to assess the spending on the entity pointed out in the audit observation. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends justification of incurrence of subject expenditure.

(OM=07)

2.5.5 Non-recovery of outstanding dues – Rs73,639.273 million

As per Rule 41 (a) of Sindh Financial Rules, states that the departmental Controlling Officer should see that all sums due to Government are regularly received and checked again demands and that they are paid into the treasury.

During Special Audit, it was observed that the KW&SB failed to recover outstanding dues of Rs73,639.273 million. Detail is as under:

(Rs. in million)

Sr. No.	Category	No. of bills	Outstanding dues
1	Domestic consumers district wise	1,183,392	28,453.984
2	Bulk supply consumers	9,550	45,185.288
Total		1,192,942	73,639.273

Due to non-recovery of heavy outstanding dues, the capacity of the Board in performance of functions related with construction, improvement, maintenance and operation of sewerage works for collection, pumping, treating and disposing of sewage and industrial waste was adversely affected.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault, besides taking serious steps for realization of the outstanding dues.

(OM=11)

2.5.6 Non-allocation of budget for procurement of specialized machinery & equipment

As per Part-II, Schedule-II of the Sindh Local Government Act, 2013, optional functions” (Removal, collection and disposal of refuse) provides as follows:

- (1) The occupiers of all buildings and lands within the local area shall be responsible for the removal of refuse from such buildings and lands subject to the general control and supervision of the Corporation, Municipal Committee or Town Committee, as the case may be.
- (2) The council concerned may cause public dustbins or other suitable receptacles to be provided at suitable places including streets, or other places conveniently accessible to the public, and where such dustbins or receptacles are provided, the council concerned, may by public notice, require that all refuse accumulating in any premises or land shall be deposited by the owner or occupier of such premises or land in such dust-bins or receptacles and be removed by the Council.
- (3) All refuse removed by or under the supervision of the staff of the council concerned, shall be the property of the council.

During Special Audit, it was observed that office of the KMC did not allocate budget for procurement of specialized machinery and equipment for cleaning and

de-silting of nullahs/drains. Had proper budget been allocated for purchase of machinery & equipment and municipal services vehicles, the same would have been utilized during monsoon season and city could have been saved from damages during heavy rains and urban flooding.

The matter was reported to the management in October 2020. The management in its reply stated that the matter pertained to DMCs and SSWMB. The reply is not convincing as it was also responsibility of KMC to make prior arrangement for safety of the citizens in its jurisdiction against the losses caused by urban flooding. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault, besides taking remedial measures.

(OM=13)

2.5.7 Non-utilization of budget for purchase of equipment and cleaning of nullahs Rs311.406 million

As per Part-II, Schedule-II of the Sindh Local Government Act, 2013, optional functions” (Removal, collection and disposal of refuse) provides as follows:

- (1) The occupiers of all buildings and lands within the local area shall be responsible for the removal of refuse from such buildings and lands subject to the general control and supervision of the Corporation, Municipal Committee or Town Committee, as the case may be.
- (2) The council concerned may cause public dustbins or other suitable receptacles to be provided at suitable places including streets, or other places conveniently accessible to the public, and where such dustbins or receptacles are provided, the council concerned, may by public notice, require that all refuse accumulating in any premises or land shall be deposited by the owner or occupier of such premises or land in such dust-bins or receptacles and be removed by the Council.

(3) All refuse removed by or under the supervision of the staff of the council concerned, shall be the property of the council.

(a) Non-utilization of budget for specially designed cleaning machinery for storm water drains and nullahs – Rs227.00 million

During Special Audit, it was observed that DMCs Malir and Central incurred expenditure of Rs10.864 million on purchase of machinery & equipment against budget allocation of Rs237.500 million which resulted into non-utilization of 95% of its budget amounting to Rs226.636 million. Summary position of non-utilization of budget is given as follows:

(Rs. in million)

	Financial Year	Budget Allocation	Expenditure	Savings (-)	Non-utilization (%)
DMC Malir	Budget Head – Purchase of machinery & equipment				
	2017-2018	80.000	2.592	(77.407)	(97%)
	2018-2019	70.000	4.514	(65.485)	(94%)
	2019-2020	70.000	2.866	(67.134)	(96%)
	Total	220.000	9.973	(210.026)	(95%)
DMC Central	2017-2018	6.000	0.891	(5.108)	(85%)
	2018-2019	6.500	-	(6.500)	(100%)
	2019-2020	5.000	-	(5.000)	(100%)
	Total	17.500	0.891	(16.608)	(95%)

Further details are provided at **Annex-14**.

(b) Non-utilization of budget for cleaning and de-silting nullahs -Rs84.77 million

Senior Director, Municipal Services, KMC failed to utilize budget of Rs84.77 million allocated for cleaning and de-silting of nullahs and transportation of solid waste, in violation of above rules. Detail is as under:

(Rs. in million)

Sr. No.	Major Head of account	F.Y	Budget	Expenditure	Savings
1	Cleaning & De-silting of nullahs/drains within the Jurisdiction of KMC	2017-18	100.00	71.135	28.865
2	Transportation of solid waste		10.00	5.102	4.898
3	Cleaning & De-silting of nullahs/drains within the Jurisdiction of KMC	2018-19	50.00	0.982	49.018
4	Transportation of solid waste		20.00	18.004	1.996
Total			180.00	95.223	84.777

Non-utilization of budget allocated for cleaning and de-silting nullahs/drains and transportation of solid waste reflected weak financial management.

The matter was reported to the respective management in October 2020. The management of KMC in its reply was of the contention that the budget was not utilized due to inadequate financial position of KMC. The reply is not convincing as it did not elaborate the status of allocated budget. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on person(s) for non-utilization of funds against budget allocated for cleaning/de-silting nullahs/drains and transportation of solid waste.

(KMC: OM=16, DMCs: OM=07&05)

2.5.8 Expenditure over and above the allocated budget– Rs308.28 million

According to Sindh Councils (Budget Rule), 2017 (75)(1) Every Disbursing officer shall be responsible for watching expenditure incurred against supply communicated to him (2) No expenditure shall be incurred without necessary appropriation or in excess of the sanctioned appropriation.

During Special Audit, it was observed that office of the KMC awarded various works of Rs808.14 million relating to repair and maintenance of drains/nullahs despite having budget of Rs499.86 million, resulting in creation of liability of Rs308.28 million on account of payable amount to contractors. Details are provided at **Annex-15**.

The matter was reported to the management in October 2020. The management in its reply contended that the work of cleaning/de-silting of nullahs was executed in compliance of Water Commission established on the orders of honourable Supreme Court of Pakistan. The management added they had requested Government of Sindh through a letter dated 23-07-2020 for release of balance amount to the tune of Rs300 million. The reply was not tenable as the regulation for incurrence of expenditure with prior availability of budget allocation/funds was to be observed before award of work. The PAO did not convene DAC meeting despite written requests by Audit through letters

dated 26-10-2020, 02-11-2020, 09-11-2020,16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends fixing of responsibility on the person(s) at fault for creation of liabilities beyond financial capacity.

(OM=12)

2.6 Storm water drains and landfill sites

2.6.1 Non-maintenance of storm water drains causing urban flooding

As per Part-I, Schedule-II of the Sindh Local Government Act 2013, Compulsory Functions, among others, to be performed by the Metropolitan Corporation exclusively:

- (1) Planning development and maintenance of Inter-district roads, bridges, street lights and storm water drains.
- (3). Removal, Collection and Disposal of Refuse: A Corporation, Municipal Committee or Town Committee shall make adequate arrangements for the removal of refuse from all public streets, public latrines, urinals, drains and all buildings and lands vested in the Council concerned and for the collection and proper disposal of such refuse
- (8). Drainage: A Corporation, Municipal Committee or Town Committee shall, within the limits of the funds at its disposal provide adequate system of public drains in the Local Area and all such drains shall be constructed, maintained kept cleared and emptied with due regard to the health and convenience of the public.

During Special Audit, it was observed that following offices failed to maintain storm water drains by keeping these drains clean, empty and dry throughout the year.

Sr. No	Name of office	OM No.	Particulars of non-maintained storm water drains
1	DMC Korangi	02	Landhi Zone along 352 Road from 3000 Road to 351 Road Zaman Town, Landhi Zone along 362 Road from 15000 Road to 13000 road, Abuzar Bukhari Zaman Town to 11000 Road,
2	DMC East	02	Gulistan-e-Johar drain, Aziz Bhatti Park drain
3	DMC South	02	Pitcher nullah at Jamila Pumping Station to ICI Chowrangi,

Sr. No	Name of office	OM No.	Particulars of non-maintained storm water drains
4	Sr. Director, Municipal Services (KMC)	04	Gujjar Nullah, Nehar-e-khayyam Nullah Mehran Highway Nullah, Gulistan-e-Johar Nullah

Pictorial images are given below:

DMC EAST, Gulistan-e-Jauhar Drain



Aziz Bhatti Drains



- i. Landhi Zone along 352 Road from 3000 Road to 351 road, Zaman Town Road



ii. Landhi Zone along 362 Road from 15000 Road to 13000 road



iii. Abuzar Bukhari Zaman Town to 11000 Road



iv. Pitcher nullah Jamila Pumping Station to ICI Chowrangi)



(vi) (Mehmoodabad Nullah)



Non-maintenance of storm water drains by KMC and DMCs was one of the major causes of urban flooding during monsoon 2020.

The matter was reported to the respective management in October 2020. The management of DMC South replied that storm water drains have been converted into sewerage lines in some areas by the public at their own will. Reply is not tenable as the management failed to maintain storm water drains by keeping these drains clean, empty and dry. The management of KMC in its reply contended that it was responsibility of the concerned DMCs and SSWMB to maintain storm water drains; however, the reply is not tenable as KMC was also spending public funds for maintaining storm water drain. Other offices did not reply. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends proper maintenance of storm water drains and nullahs to avoid recurrence of urban flooding during rain emergency.

2.6.2 Non-establishment of separate sewerage system by KW&SB

As per Section 3(vii) (b) of the KW&SB Act, 1996 function of the Board is to undertake construction improvement, maintenance and operation of sewerage works for collection, pumping, treating and disposing of sewerage and industrial waste.

Section 3(xv) of *ibid* provides further functions as, “place, maintain aqueducts, conduits, sewers, etc.”

During Special audit, it was observed that KW&SB failed to establish a separate system for collection, pumping, treating and disposing of sewerage and industrial waste. Resultantly 340 MGDs (180 MGDs Malir River + 160 MGDs Lyari River) of sewerage and industrial waste were being thrown to the Arabian Sea through storm water drains, nullahs, canals and rivers also causing blocking of these nullahs in the process. Details of drains, nullahs and sewerage pipelines carrying untreated sewerage water of residential & industrial areas being thrown into Malir River and Lyari River are given in **Annex-16**.

The non-performance of the Board in above area was one of the major causes of urban flooding.

The matter was reported to the management in October 2020, but no reply was received. The PAO did not convene DAC meeting despite written requests by Audit through letters dated 26-10-2020, 02-11-2020, 09-11-2020, 16-11-2020, 08-12-2020, 16-03-2021 and 29-03-2021.

Audit recommends establishment of separate sewerage system and its proper disposal besides, prior treatment of entire sewage and industrial waste into the sea.

(OM=07&08)

Conclusion

It was observed during special audit that the layout standards of sewerage infrastructure including the necessary gradients, size and other related design parameters were absent. In some areas the sewage was being discharged into storm water drains; whereas in other areas rainwater was being let into sewerage system. Rampant encroachments had left storm water drains and sewerage system choked in many areas, whereas, government agencies responsible were unable to deter encroachments. In the given scenario, with choked storm water drains, the rain water was simply being let into the already dilapidated sewerage system causing it to collapse.

Recommendations

- i. Audit recommends that relevant auditable record may be produced for scrutiny and action be taken against delinquent officers/officials in accordance with relevant Efficiency & Disciplinary rules.
- ii. Management of KMC & DMCs should take all available measures to ensure removal of encroachments from major/minor storm water drains/nullahs for smooth flow of the storm water during monsoon seasons.
- iii. KMC and DMCs should ensure proper maintenance of storm water drains by regular cleaning and de-silting of the nullahs so that they remain empty, dry, encroachment free and ready for draining out the rain water during monsoons. The KMC and DMCs should ensure maximum utilization of all financial and human resources on proper maintenance of the storm water drains within their respective domains.
- iv. Long terms plans should be made by KMC and DMCs for construction of new dams, storm water drains, storage reservoirs and water ponds along with plans for rain emergency to avoid urban flooding during heavy rains. Proper survey should be made on international standards keeping in view the topography of the city and gradient alignment of the existing storm water drainage system to study its capacity and to suggest steps to improve the same in the light of ever growing population of the city.
- v. Inter institutional coordination among KMC, DMCs and KW&SB may be enhanced by removing the legal lacunae for separation of powers and responsibilities so that all the institutions work smoothly in the event of any emergency like rains and urban flooding.
- vi. Proper drainage and sewerage system should be constructed under jurisdiction of DMC Malir and DMC Central to cater the needs of growing population of the area. KMC and DMCs should not let the rain and storm water into sewerage system of KW&SB.
- vii. Management of KMC and DMCs should educate public on the importance of civic responsibilities towards cleanliness of sewerage lines and storm water

drains through various print and electronic media campaigns, and should devise proper rules and regulations on usage of civic facilities, infrastructure including the storm water drains and nullahs and impose strict penalties and legal action against any violations, encroachments or damage to the storm water drains and nullahs. They should also initiate anti encroachments drives and ensure removal of all encroachments on the storm water drains and nullahs along with proper vigilance against any attempt to encroach these nullahs so that they remain safe and clean and are able to drain out the rain water during monsoon.

- viii. Management of KMC and DMCs should ensure availability of necessary machinery and equipment during rain emergency. Given the size and complexity of the city scientific contingency plan on international best standards should be prepared to face emergencies like rain and urban flooding. Emergency service centres along with firefighting, medical facility including trauma and burn centres in the event of electrocution, earthquake and collapse of buildings and such other emergencies should be established within each town/union council so that they are able to reach and rescue within minimum time.
- ix. KW&SB should not let the sewage into storm water drains which are meant only for rain water. It should have a dedicated functional sewerage system for the city with proper maintenance.
- x. KW&SB should strengthen its rules and regulations to regulate private sewers and industrial, commercial and private societies/entities and should impose fines on violation of the sewerage related rules.
- xi. KW&SB improve its financial resources by ensuring proper recoveries and imposing penalties on violations as well as by making efforts to timely recovery its outstanding dues against public/private entities so that it remains financially stable enough to maintain its infrastructure and undertake new projects based on best international standards.

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Annex-1: Non-production of record

Sr. No.	Name of formation	OM No.
1	Managing Director, Karachi Water & Sewerage Board	01
2	Senior Director, Anti-Encroachment, KMC	02
3	Senior Director, Municipal Services, KMC	15
4	District Municipal Corporation, Korangi	10&12
5	District Municipal Corporation, East	10&12
6	District Municipal Corporation, South	12
7	District Municipal Corporation, West	01

01. Managing Director, Karachi Water & Sewerage Board

(Rs. in million)

Sr. No.	Detail of record	Financial Year	OM. No.	Amount
01	Appointment, creation or promotion procedure of 87 Health Inspector posts in 2018-19 (Table-01)	2018-2019	01	-
02	Service Books, Personal Files of sewerage related employees (1935 employees) (Table-01)	2017-2020		-
03	Logbooks, History Sheets of the 56 service vehicles and 03 de-watering pumps.	-do-		-
04	Record of expenditure incurred through ADP Schemes (Table-02 ADP schemes)	-do-		568.461
05	Expenditure incurred by different sewerage related offices through own sources of KW&SB (Table-03)	-do-		2,648.603
06	Expenditure incurred on Greater Karachi Sewerage Plan S-III (Table-04)	-do-		10,611.785
Total				13,828.849

Table-01

Non-Production of sewerage related employees service books & personal files				
Designation	BPS	Sanctioned	Working	Vacant
Chief Engineer, Sewerage	20	01	01	0
Chief Engineer (E&M) Sewerage	20	01	01	0
Project Director	20	01	04	(3)
Health Worker	03	2234	1842	392
Sewer Cleaning Operator	06	08	1	7
Assistant Sanitary Inspector	05	09	6	3
Skilled Worker	05	61	22	39
Health Inspector	04	87	51	36
Sanitary Jamadar	04	01	0	1
Sewerage Jamadar	04	70	13	57
Total		2452	1935	532

Annex-1(Contd)**Table-02 ADP schemes**

(Amount in rupees)

Record of expenditure incurred through sewerage related ADP Schemes	
Description	Expenditure incurred
Account No.3937-3	
2017-2018	
ADP Scheme No.1475 (SGD-06)	9,944,635
ADP Scheme No.1521 (SGD-06)	4,676,725
2018-2019	
ADP Scheme No.1104 (2014-2015)	6,878,446
ADP Scheme No.1115 (SGD-06)	14,272,750
ADP Scheme No.1118 (SGD-06)	49,672,169
2019-2020	
ADP Scheme No.1298 (SGD-06)	38,016,538
ADP Scheme No.1297 (SGD-06)	445,000,000
Total	568,461,263

Table-03

(Amount in Rupees)

Expenditure incurred by different sewerage related offices through own sources of KW&SB			
Name of offices	F.Y 2017-2018 Expenditure	F.Y 2018-2019 Expenditure	F.Y 2019-2020 Expenditure
Chief Engineer (E&M) Sewerage			
Sewerage Pumping Division	23,124,332	12,934,079	13,365,957
STP-I	595,676	11,334,942	-
STP-II	4,302,762	-	13,970,823
STP-III	99,500	1,575,795	-
S.E Sewerage Pumping Circle	1,000,000	2,374,408	1,801,323
Sewerage Cleaning Equipment	7,516,192	17,970,028	9,825,350
XEN Civil (E&M), Sewerage	6,550,173	26,536,415	19,388,393
Sub-Total	43,188,635	72,725,667	58,351,846
District West			
Keamari (E&M) Sewerage	Not produced	Not produced	2,614,004
SITE (E&M) Sewerage			-
Baldia (E&M) Sewerage			-
Orangi (E&M) Sewerage			-
Sub-Total	-	-	2,614,004
District South			
Saddar (E&M) Sewerage	Not produced	Not produced	4,936,837

(Amount in Rupees)

Expenditure incurred by different sewerage related offices through own sources of KW&SB			
Name of offices	F.Y 2017-2018 Expenditure	F.Y 2018-2019 Expenditure	F.Y 2019-2020 Expenditure
Lyari (E&M) Sewerage	Not produced	Not produced	-
Sub-Total	-	-	4,936,837
District East			
Jamshed (E&M) Sewerage	Not produced	Not produced	-
Gulshan-e-Iqbal (E&M) Sewerage	Not produced	Not produced	-
Sub-Total			-
District Korangi			
Shah Faisal (E&M) Sewerage	Not produced	Not produced	Not produced
Korangi (E&M) Sewerage	Not produced	Not produced	Not produced
Landhi (E&M) Sewerage	Not produced	Not produced	Not produced
Sub-Total	-	-	-
District Central			
North Nazimabad (E&M) Sewerage	Not produced	Not produced	Not produced
North Karachi (E&M) Sewerage	Not produced	Not produced	Not produced
Gulberg (E&M) Sewerage	Not produced	Not produced	Not produced
Liaquatabad (E&M) Sewerage	Not produced	Not produced	Not produced
Sub-Total	-	-	-
District Malir			
Malir (E&M) Sewerage	Not produced	Not produced	Not produced
Bin Qasim (E&M) Sewerage	Not produced	Not produced	Not produced
Gadap (E&M) Sewerage	Not produced	Not produced	Not produced
Sub-Total	-	-	-
Total	43,188,635	72,725,667	65,902,687
Chief Engineer, Sewerage			
Superintendent Engineers			
District Korangi			
Superintendent Engineer, Landhi Town	-	70,219	-
District Malir			
Superintendent Engineer, Malir Town	-	298,355	-
District West			
Superintendent Engineer, Orangi Town	-	98,928	-
Superintendent Engineer, Keamari Town	-	496,195	-
District East			
Superintendent Engineer, Jamshed Town	-	298,930	-
District South			
Superintendent Engineer, Saddar Town	-	398,106	-
District Central			
Superintendent Engineer, North Karachi Town	-	199,492	-
Superintendent Engineer, Liaquatabad Town	-	491,942	-
Superintendent Engineer, Gulberg Town	-	492,021	-
Sub-Total	-	2,844,188	-
Executive Engineers			
District West			

(Amount in Rupees)

Expenditure incurred by different sewerage related offices through own sources of KW&SB			
Name of offices	F.Y 2017-2018 Expenditure	F.Y 2018-2019 Expenditure	F.Y 2019-2020 Expenditure
Keamari Sewerage Services	16,274,775	19,810,782	23,276,986
SITE Sewerage Services	35,464,660	15,164,664	39,397,648
Baldia Sewerage Services	13,642,182	14,561,877	37,639,425
Orangi Sewerage Services	26,656,024		20,671,441
Sub-Total	92,037,641	49,537,323	120,985,500
District South			
Saddar Sewerage Services	47,063,778	65,345,612	117,012,923
Lyari Sewerage Services	40,368,934	97,283,464	95,519,774
Sub-Total	87,432,712	162,629,076	212,532,697
District East			
Jamshed Sewerage Services	87,692,206	63,124,786	104,412,849
Gulshan-e-Iqbal Sewerage Services	26,421,651	79,020,141	167,163,882
Scheme-33, Sewerage	23,011,312	28,759,856	38,726,928
Sub-Total	137,125,169	170,904,783	310,303,659
District Korangi			
Shah Faisal Sewerage Services	28,428,958	20,591,778	30,978,002
Korangi Sewerage Services	38,281,692	28,603,271	103,480,872
Landhi Sewerage Services	27,590,354	-	33,116,364
Sub-Total	94,301,004	49,195,049	167,575,238
District Central			
North Nazimabad Sewerage Services	30,029,345	18,251,974	33,587,685
New Karachi Sewerage Services	24,905,957	31,701,658	38,093,144
Gulberg Sewerage Services	11,964,541	23,904,135	27,253,542
Liaquatabad Sewerage Services	52,085,804	53,963,418	64,671,409
Sub-Total	118,985,647	127,821,185	163,605,780
District Malir			
Malir Sewerage Services	43,379,998	47,906,250	44,222,307
Bin Qasim Sewerage Services	9,506,370	9,359,550	181,821,230
Gadap Sewerage Services	37,270,861	9,599,667	15,903,211
Sub-Total	90,157,229	66,865,467	241,946,748
Total	620,039,402	629,797,071	1,216,949,622
Grand Total	663,228,037	702,522,738	1,282,852,309
Total (2017-2018, 2018-2019 & 2019-2020)			2,648,603,084

Table-04

(Amount in rupees)

Expenditure incurred over Greater Karachi Sewerage Plan S-III					
Contract Package	Name of Components	Name of contractor	Contract Cost	Amount paid	
A-Contracts awarded – Transmission					
LS-01	Laying of RCC Pipe Sewer & other allied works along Lyari River from Saba Cinema to Surjani	M/s Haji Syed Ameer & Brothers	716,420,000	259,590,000	
LS-02	Construction of RCC conduit, interceptors & other allied works along Lyari River from Metroville to Saba Cinema	M/s Haji Syed Ameer & Brothers	1,024,840,000	249,695,000	
LS-03	Construction of RCC conduit, interceptors & other allied works along Lyari River from Gulshan-e-Yaseenabad to Metroville	M/s Haji Syed Ameer & Brothers	631,550,000	413,670,000	
LS-04	Construction of RCC conduit, interceptors & other allied works along Lyari River from Gulshan-e-Yaseenabad to Teen Hatti bridge (4.8 K.M)	M/s Sardar Ashraf B. Baloch	1,618,106,000	1,368,284,000	
LS-05	Construction of RCC conduit from Teen Hatti bridge to Garden	M/s Sardar Ashraf B. Baloch	1,634,455,000	1317,264,000	
LS-06	Construction of RCC conduit from Garden to Mauripur road (3.3 K.M)	M/s Indusmens Corporation	951,340,000	896,470,000	
LS-07	Construction of RCC conduit from Mauripur Sewerage Treatment Plant (STP-III) to Mauripur road (2.5 K.M)	M/s Crescent Construction Co.	664,385,000	642,510,000	
LS-08	Construction of RCC conduit from Gujjar Nullah to Sewerage Treatment Plant No.01 (STP-I) at Haroonabad SITE, Karachi (4.3 K.M)	M/s Qasim Khan & Company	1,117,683,000	961,890,000	
LS-09	Laying of 200 mm to 1200 Dia RCC Pipe Sewerage in District Central & East to enhance Sewerage flow at Sewerage Treatment Plant under S-III (12.8 K.M)	M/s Qasim Khan & Company	602,192,000	605,500,000	
LS-10	Rehabilitation & reconstruction of boundary wall of Mauripur Sewerage Treatment Plant No.01 (STP-III) (4.8 K.M)	M/s Qasim Khan & Company	83,490,000	84,520,000	
Sub-Total			9,044,461,000	6,799,393,000	
B-Contracts awarded-Treatment Plants					
TP-I	Sewerage Treatment Plant (STP-I), Haroonabad (Rehabilitation Phase only)	Stage-I	Pak Oasis Pvt. Ltd.	2,487,400,000	600,000,000
		Stage-I	Pak Oasis Pvt. Ltd.	1,402,570,000	896,960,000
TP-III	Sewerage Treatment Plant (STP-III), Mauripur	Stage-	Pak Oasis Pvt. Ltd.	1,512,600,000	1,490,452,000

(Amount in rupees)

Expenditure incurred over Greater Karachi Sewerage Plan S-III				
Contract Package	Name of Components	Name of contractor	Contract Cost	Amount paid
	(Rehabilitation Phase only)	II		
		Stage-II	Pak Oasis Pvt. Ltd.	
			6,386,120,000	-
		Sub-Total	11,788,690,000	2,987,412,000
	C-Consultancy Charges		-	866,837,000
	Contingency Charges		-	768,690,000
		Sub-Total	1,947,448,000	824,972,000
		Total	22,780,599,000	10,611,777,000

Annex-1(Contd)

Senior Director, Anti-Encroachment, KMC and Senior Director, Municipal Services, KMC

Sr. No.	Details of record not produced
Office of the Senior Director Anti-Encroachment, KMC (OM No. 2)	
01	Plans for removal of encroachments
02	Actions taken by the office for removal of encroachments
03	Achievements of the local office for removal of encroachments
04	Disposal of debris, waste after removal of encroachments along with lifting of solid waste/garbage as per weight provided by garbage transfer stations and finally treated and dumped at landfill sites
05	Co-ordination efforts with other government agencies for removal of encroachments
06	Details of land property under jurisdiction of KMC
07	Details of KMC land/property encroached by private or government functionaries
08	Detail of encroachment cases under litigation in different Courts
09	Work assigned /job description of all officers/heads of various sections and the details of the activities performed by your office in light of instructions/assignments given by your higher authority/KMC/orders of Honourable courts during the period 2017-18 to 2019-20 as mentioned in your office letter No.KMC/SDL/AE/2020/367 dated 02-09-2020
10	Further, physical verification reports of the total staff, job description and their performance in concerned sections, log books, history sheet, petrol consumption account of vehicles, and total no. vehicles; off road/ on road/functional/non-functional/serviceable including satisfactory certificates about repair and maintenance of vehicles from workshops.
Office of the Senior Director Municipal Services, KMC (OM No. 15)	
01	Hierarchy along with job description of staff deputed on disposals, drainages & sanitation services
02	Byelaws/SOPs regarding Rain Emergency Plan
03	Disposal mechanism of rainwater and response of the management to Rain Emergency
04	Special study /survey reports if conducted on the subject matter
05	List of meetings chaired by higher authorities along with minutes of meetings
06	Record relating to expenditure on account of procurement of machinery & equipment & specialized vehicles for municipal services
07	Liabilities on account of municipal services including health, solid waste and sanitation

4. District Municipal Corporation, Korangi

Sr. No.	Detail of record not produced
1	Record/details related to expenditure on account of procurement of machinery & equipment & specialized vehicles for municipal services
2	Record/details of pending liabilities on account of municipal services including health, solid waste and sanitation
3	Hierarchy along with job description of staff deputed on disposals, drainages & sanitation services
4	Progress report pertaining to NIT's
5	Rain Water Disposal mechanism and how department responds to Rain Emergency
6	Byelaws/SOP's regarding Rain Emergency Plan
7	Special study /survey reports if conducted on subject matter if any carried out
8	List of meetings chaired by higher authorities alongwith minutes of meetings if conveyed
9	Actual details of budgeted estimates for solid waste department
10	Record/details regarding expenditure incurred (Adjustment/utilization account) on account budget allocated by Finance Department, GoS for cleaning of drains amounting to Rs10.00 million

5. District Municipal Corporation, East**(a) Record/details regarding expenditure detailed below not produced to audit**

S. No	Major Head of account	FY 2017-18	FY 2018-19	F.Y 2019-20	Total	Remarks
		Actual	Actual	Revised Estimates		
Sanitation (Gulshan Zone)						
1	Garbage/Debris lifting	26,899,848	9,596,690	2,900,000	39,396,538	Completed record not produced
2	R&M of Nallahs/Culverts	8,732,439	992,079	1,000,000	10,724,518	Partial record produced
3	Development (SWD/Nallah/Sewerage)	53,594,188	90,394,065	45,700,000	189,688,253	
Sub Total		89,226,475	100,982,834	49,600,000	239,809,309	
Sanitation (Jasmhed Zone)						
4	Garbage/Debris lifting	15,293,100	10,418,487	6,000,000	31,711,587	Completed record not produced
5	R&M of Nallahs/Culverts	5,464,875	-	1,300,000	6,764,875	Partial record
6	Development (SWD/Nallah/Sewerage)	81,245,127	127,633,890	37,400,000	246,279,017	
Sub Total		102,003,102	138,052,377	44,700,000	284,755,479	
Grand Total		191,229,577	239,035,211	94,300,000	524,564,788	

(b) Further, record/details not produced

S. No.	Detail of record not produced
1	Record/details related to expenditure on account of procurement of machinery & equipment & specialized vehicles for municipal services
2	Record/details of pending liabilities on account of municipal services including health, solid waste and sanitation
3	Hierarchy along with job description of staff deputed on disposals, drainages & sanitation services
4	Progress report pertaining to NIT's
5	Rain Water Disposal mechanism and how department responds to Rain Emergency
6	Byelaws/SOP's regarding Rain Emergency Plan
7	Special study /survey reports if conducted on subject matter if any carried out
8	List of meetings chaired by higher authorities alongwith minutes of meetings if conveyed
9	Actual details of budgeted estimates for solid waste department
10	Record/details regarding expenditure incurred (Adjustment/utilization account) on account budget allocated by Finance Department, GoS for cleaning of drains amounting to Rs10.00 million

6. District Municipal Corporation, South

S. No.	Detail of record not produced
1	Record/details related to expenditure on account of procurement of machinery & equipment & specialized vehicles for municipal services
2	Record/details of pending liabilities on account of municipal services including health, solid waste and sanitation
3	Hierarchy along with job description of staff deputed on disposals, drainages & sanitation services
4	Progress report pertaining to NIT's
5	Rain Water Disposal mechanism and how department responds to Rain Emergency
6	Byelaws/SOP's regarding Rain Emergency Plan
7	Special study /survey reports if conducted on subject matter if any carried out
8	List of meetings chaired by higher authorities alongwith minutes of meetings if conveyed
9	Actual details of budgeted estimates for solid waste department

7. District Municipal Corporation, West

Non-production of record	
Sr. No.	Details of record not produced (FY 2017-18 to 2019-20)
1	Incumbency period of Chairman, Vice-Chairman, Superintendent Engineer, Executive Engineers, Accounts Officer.
2	Sanctioned, working and vacant position of sanitation employees.
3	Special grant for sewerage, monsoon season.
4	Rain Emergency Plan, Contingency Plan and Eid-ul-Azha Plan.
5	Solid waste agreement & dumping sites in DMC.
6	Departmental correspondence with other offices regarding rain emergency.
7	Name wise list of permanent & contract employees of sanitation (with columns including Sr. No.,

Non-production of record	
Sr. No.	Details of record not produced (FY 2017-18 to 2019-20)
	Name of employee, Designation on initial appointment with BPS, Present Designation with BPS, Date of appointment, Initial qualification, present qualification).
8	Outsourcing of sanitation.
9	Appointment procedure of contract employees of sanitation.
10	June payrolls of 2018, 2019, 2020 of sanitation employees.
11	Payment vouchers of expenditure incurred over drains, sewerage, nullahs, rivers, diesel&M&R of sanitation vehicles, supply of sanitation items, Animal waste of Eid-ul-Azha with agreement, Lifting of garbage.
12	Bank advices, Cheque books folios, cash books, budget control register, employee control register of sanitation employees, service books & personal files of sanitation employees.
13	Bank account details.
14	Maps of roads and streets, drains, nullahs & rivers in the jurisdiction, & existence of storm water drainage system over internal roads and streets.
15	Estimates and SPPRA file, quotations, payment vouchers over roads, streets, nullahs, rivers and drains.
16	Progress reports development and quotation work.
17	Development, M&R work detail over sewerage lines and nullahs, drains & rivers.
18	On-going schemes & liabilities of sewerage lines, nullahs, drains & rivers.
19	Loans & advances to sanitation staff.
20	Total number of service vehicles (with columns including Sr. No., Name of vehicle, Registration No., Date of purchase or donation, possession, present status of vehicle).
21	Detail of de-watering pumps, motors for storm water.
22	Log books, history sheet of sanitation vehicles.
23	Budget Book, council approval, government sanction
24	Head wise income & expenditure of the department.
25	Tax gazette.
26	Encroachments over nullahs, rivers & storm water drains in the jurisdiction of DMC.

Annex-2: Non-removal of encroachments from Nullahs/drains to avoid urban flooding

(1) Senior Director, Municipal Services/Contract Management (OM # 03)

S. No.	Nullah		Actual		Encroachment
	Name of Nullah	District	Length	Width	
1	Gujjar Nallah	Central	13.50 kms	210 ft	50%
2	5,200 road nallah	Central	3.50 kms	6ft	45%
3	4,200 road nallah	Central	3.50 kms	6ft	10%
4	9,000 Road Nallah	Central	4 kms	6ft	90%
5	5,000 Road Up Mor to Sakhi Hassan and North Karachi	Central			Nil
6	Hub River Nallah	West	2.50 kms	8 ft to 10 ft	45%
7	Shereshah Nallah	West	1.80 kms	100 ft	90%
8	Haroonabad Nallah	West	3.66 kms	12 ft to 20 ft	10%
9	Mouchko Nallah	West	7.32 kms	12ft to 20ft	30%
10	Orangi Nallah	West	12.5 kms	200 ft	50%
11	Manzoor colony nallah	East	6.34 kms	150 ft	60%
12	Mehmoodabad Nallah	East	4.12 kms	20 ft to 80 ft	15%
13	Zehri House Nallah	East	2.14 kms	20 ft to 40 ft	15%
14	Azam Basti	East			35%
15	Aziz Bhatti	East			NA
16	Pehlwan Goth Nallah	East	4.58 kms	20 ft	50%
17	Essa Nagri Drain form University road to Lyari Exp way	East			80%
18	Songal Nallah	East	2.75 kms	12 ft to 50 ft	75%
19	Chakora Nallah	East			60%
20	NIPA drain	East			3%
21	Soldier Bazar Nallah	South	6.1 kms	20 ft 70 ft	75%
22	Nehr-e-khayam	South	2.74 kms	100ft to 115ft	Nil
23	Pitcher Nallah	South	4.57 km	20ft	20%
24	Kalri Nallah	South	2.13 kms	20ft	35%
25	Frere Nallah	South	3.05 kms	30ft	NA
26	City Nallah	South	0.33 kms	20ft	20%
27	10,000 road Nallah	Korangi	3.05 kms	12 ft	15%
28	CBM strom water drain 16000 road to CBM university	Korangi			15%
29	5000 Road strom drain	Korangi	3.05 kms	12ft	10%
30	Chakora Nallah (Falak Naz to Malir River)	Korangi	7.02 Kms	40 ft to 60 ft	20%
31	Azeem Pura Nallah	Korangi	2.14 kms	20 ft	12%
32	12000 Nallah	Korangi	2.14 kms	12 ft	10%
33	Golden Town Nallah	Korangi	1.83 kms	12 ft	12%
34	7000 Road Nallah	Korangi	4.58 kms	12 ft	10%

S. No.	Nallah		Actual		Encroachment
	Name of Nallah	District	Length	Width	
35	5,000 Road Nallah	Korangi	3.05 kms	12 ft	15%
36	6,000 road Nallah	Korangi	14.78 kms	NA	3%
37	9,000 Road Nallah	Korangi	3.05 kms	12 ft	10%
38	8,000 Road Nallah	Korangi	11.3	NA	NA
39	Mehran Highway Nallah	Malir	3.66 kms	10 ft	8%
40	Lalabad Nallah	Malir	2.14 kms	12 ft	12%
41	Mehran Cut Nallah	Malir			30%

(2) District Municipal Corporation, Kornagi (OM # 06)

S. No	Name of Drain	Area	Encroachment
1.	Green Town Nallah from Primary School to Rangers Chowki Azeem Pura road via Masjid Faizan-e-Ghafoor	Saleem Housing Society	25%
2.	Nallah along Azeem Pura road from Quaid Park to Raza Chowk.	Block-1,2,3	50%
3.	Nallah along Azeem Pura road from Al-Mustafa to Nasran More.	Reta Plot & Big Plot	50%
4.	Golden Town Nallah PTCL Compound	Green/ Golden Town	20%
5.	Chakora Nallah from Natha Khan Goth to PAF Boundary.	Natha Khan	30%
6.	Muhammad Pur Nallah	Muhammad Pur	10%

S. No	Name of Drain	Area	Encroachment
1.	Along 12000 road Bus Stop Landhi No.02 to Noor Manzil School UC No.15.	4-D	50%
2.	Along Inam Memorial Ground Landhi No.1	1-D	10%
3.	From 12000 road area 1-D,/37-D, Noor Manzil Landhi No.1 and Opposite Shahi Masjid area 3/A UC-16.	37-D	20%
4.	Along 10000 road from BYG road to 9000 road Korangi 2 ½ .	--	10%
5.	Along 362 road from 15000 road to 13000 road.	36-B, 36-C	25%
6.	Along 351 road from 12000 road Korangi No. 04 to 10000 road.	L-Area Zaman Town	25%
7.	Along 6000 road from 13000 road to 9000 road Awami Colony.	Awami Colony	60%
8.	Along 11000 road from 12000 road to 10000 road.	Labour Square	30%
9.	Along Sector 34 to from 11000 road to 9000 road.	34-I, 34-II	05%
10.	Along 352 road from 13000 road to 351 road.	I-Area	10%
11.	From Abuzar Bakery Zaman Town to 11000 road.	Zaman Town	40%
12.	From 12000 road Landhi No.6 to 362 road M.Shareef Sweet road.	Landhi No.6	25%
13.	From Bismillah Masjid via Farooqi Masjid to 362 road and hole sale Market .	Hole sale Market	50%
14.	Along 9000 road from 12000 road to 10000 road 34-II.	34-II	40%
15.	Along 9000 road from 6000 road to Gulshan-e-Latif.	Gulshan-e-Latif	40%
16.	Along Gulshan-e-Latif Colony UC-23 Landhi Zone DMC – K.	Gulshan-e-Latif	20%
17.	Ismail Goth culvert to Bus stop No.2.	Ismail Goth	25%
18.	From Bilal Masjid to 10000 road Al- fathah Ground.	Shah Khalid 2-C	30%
19.	From 11000 road to Tayyaba Masjid Zaman Town.	Kabaddi Gound	30%
20.	Along 11000 road from 8000 road to 6000 road Awami Colony.	Awami Colony	35%
21.	Along 13000 road between Singer Chorangi & Dar-ul-Ulum wall 6000 road.	Industrial Area	10%

S. No	Name of Drain	Area	Encroachment %
1.	Along 9000 road from 6000 road to Malir River Bund.	Industrial Area	25%
2.	Along 7000 road from 6000 road to Malir River Bund.	Industrial Area	25%
3.	Along 5000 road from 10000 road to Malir River Bund.	Industrial Area	25%
4.	Along Sector 7/A road from 5000 road to 7000 road.	Sector 7-A	35%
5.	Area Bangal Para Bilal Colony from 7000 road to 9000 road.	Bangali para Bilal Colony	30%
6.	Along 6000 road from 9000 road to 5000 road.	Industrial Area	45%
7.	Between Sector 24 road from 7000 road to 9000 road.	Sector 24	25%
8.	Back side PNT Society & Lucknow Society from 10000 road to Sikanderaban.	PNT Society	25%
9.	Along 321 road from 12000 road to Zia Colony.	Zia Colony	30%
10.	Along 7000 road from 9000 road 12000 road to Q. Area.	Q-Area	25%
11.	9000 road from 33/C Radio Pak Plots to 10000 road.	Radio Pak. Plot	25%
12.	11000 road from 16000 road to 12000 road.	Madina Colony	30%
13.	Along 12000 road Nallah from 11000 road to 5000 road.	P-Area	25%
14.	Along 5000 road from 12000 road to 16000 road.	Industrial Area	25%

S. No	Name of Drain	Area	Encroachment %
15.	Along 16000 road from 11000 road to Hazrat Abdul Qadir Jillani road.	Madina Colony	40%
16.	Along HazratGhous Pak road	G-Area	35%
17.	Along Tasveer Mahal Cinema road from 13000 road to 50/C road.	100 Quarter	25%
18.	Along main road 51/C from 16000 road to Graveyard Sector 51/B to A.Q.J road.	Sector 51/B	25%
19.	Usman Ghani road from 16000 road to E- Area via Sector 51/L to 13000 road.	E-Area Sector 51/L	25%
20.	Qayyumabad Block A,B& D & Sir Syed Hospital to Shaukatkhanum Hospital.	Block A,B& D	30%
21.	Main Nallah from Zero Point to Main Korangi road along CBM College.	CBM College	25%
22.	Nallah at Chakra Goth Stop to 16000 road	Chakra Goth road	25%
23.	Nallah from 18000 road W-22 Stop.	100 Quarter	40%
24.	Nallah Along 14000 road 9000 road to 6 No. Market.	6 No. Market	25%
25.	Along 8000 road from Singer Chowrangi (Both Side 8000 road)	Industrial Area	40%
26.	Along 10000 road from 9000 to 5000 road	Industrial Area	10%
27.	Along 10000 road from Back side PNT Society.	PNT Society	25%
28.	Sector 32/C Nallah from 321 road to 9000 road.	Sector 32-C	10%
29.	Behind P&Q Area from 9000 to 7000 road.	P & Q Area	10%

(3) District Municipal Corporation, East (OM # 06)**Gulshan.e.Iqbal Zone**

S. No	Name of Nallah / Storm Water Drain	Length (Rft)	Width (Average)	Starting Point	End/Disposal Point	Encroachment %
Gulshan.e.Iqbal Zone						
1	Al-Mustafa Hospital to lyari river	5400 Rft	08 Ft	Al-Mustafa Hospital	Liyari River	14%
2	Lyari Expressway (Essa Nagri) end point to pir Bukhari Graveyard	3500 Rft	14 Ft	Pir Bukhari Graveyard	Liyari River via Essa Nagri	69%
3	Rajput Colony to Rajput Hospital via Leemo Goth	2800 Rft	08 Ft	Rajput Hospital	Rajpoot Colony, Liyari Expressway	43%
4	Yousuf Burger to Johar Road (Shairpao Basti)	3200 Rft	08 Ft	Backside of Yousuf Burger	Johar Road	25%

Jamshed Town Zone

S. No	Name of Nallah & Location	Coordinate Starting & Ending Point	Length of Nalla	Width of Nalla	Hard/Soft Encroachment
1	Kashmir Colony	Both Side of Kashmir Colony	2000 Rft	3 Ft	20 %/15
2	Manzoor Colony	M.A Jinnah Road Both Sides	2800 Rft	3 Ft	80 %
3	Internal Streets.	Pahalvi Road, Punjab Road, Sir Syed Road, Furniture Market, Lucky Afridi etc.	12000 Rft	3 Ft	12 %/8
4	Vegetable Market Lines Area	Vegetable Market Via Compressor Market to Technical School	1200 Rft	3 Ft	15 %/60
5	Mubarak Shaheed Road	Makro Lines Area To Technical School	1200 Rft	4 Ft	25

Annex-2 (Contd)

(4) District Municipal Corporation, South (OM # 06)

S. No	Name of Nallah / Storm Water Drain	Location	Encroachment
1	Nallah at Agha Khan III road to Jubilee Clofth Market to Aurangzeb Market to Urdu Bazar	Jubilee Nallah	46%
2	Nallah Empress Market to Mobile Market to Regal Chowk to Akbar Market to Urdu Bazar	Akbar Road Nallah	13%
3	Nallah Urdu Bazar Girls College towards Sindh Secretariat to Shaheen Complex to Dawn News Parking to PIDC Bridge	Sindh Essembly Nallah	22%

S. No.	Name of Nallah / Storm Water Drain	Location	Encroachment
1	Nallah Abdullah Haroon road to MPA Hostel to Sindh Assembly Building	MPA Hostel Nallah	14%
2	Nallah infront of B&R Department Hira Lal Ganatra road to Wafaqi Urdu College to Baba-e-Urdu road at Kismat Cinema Light House Lunda Bazar	Light HouseKMCHHeadOfficeNallah	4%
3	Nallah Paper Market to Parking Plaza Habib Bank to I.IChundrigar road to City Railway Station to KPTM.T Khan road to Sea	HBL Plaza Parking Nallah	10%
4	Storm Water Drain at I.IChundrigar road Both side from State Bank to Jung PressBuilding	I.IChundrigar road Nallah	0%
5	Nallah Merry Weather Tower to Stock Exchange to Railway Crossing to KPTM.T Khan road	Stock Exchange Nallah	19%

S. No	Name of Nallah / Storm Water Drain	Location	Encroachment
1	Storm Water Drain both sides of Shahra-e-Attar towards Emerely Streel Chowrangi, Clifton Beach Park via Dua Hotel ChowrangiMarrine Drive road	Shahra-e-Attar Marrine Drive Nallah	10%
2	Storm Water Drain adjacent Bilawal House towards DuaHotel via sea side Clifton Block-3	Adjacent Bilawal House Nallah	20%
3	Storm Water Drain Dua Hotel towards Khan Coach, Institute of Oceanography, Hindu Para via Kausar Masjid Clifton Block-1	Marrine Drive & Hindu Para Nallah	10%
4	Storm Water Drain Khayaban-e-Roomi towards Benazir Park (Outlet)	Khayaban-e-Roomi	10%
5			

	Storm Water Drain from Muhammad Ali Boghraroadtowards KPT Flats street 14 Bath Island via Sultanabad Nadi	Bathisland Nallah	10%
6	Storm Water Drain adjacent Bagh-e-Jinnah towards PC Hotel Club road	Pologround Nallah	20%
7	Nallah from Lilly Bridge towards Glass Tower, Bath Island, Clifton Block-7, via Jan Broast Clifton Block-5 NehrayKhayam	Glass TowerNallah	10%
8	Storm Water Drain from Fatima Jinnah road towards Frere road, Mc Lever road via Hijrat Colony Habib Public School	Karachi ClubNallah	10%
9	Nallah from Gousia Masjid to Maripur road Machhar Colony, Lyari	Ghousia road UC-1	65%
10	Nallah from Suleman Azad road to Machhar Colony Maripur road Lyari	Suleman Azad road	30%
11	Nallah from Jumma Balouch to Kalri via Maripur road Lyari	JumaBalouch road	60%
12	Nallah along Mirza Adam Khan road to P-1 stop Zero Point Lyari.	Mirza Adam Khan Road	10%
13	Niazi Chowk Nallah from Niazi Chowk to Maripur service road	NiaziChowkNallah	45%
14	Nallah Both side along Shah Abdul Latif Bhittai road	Shah A. Latif Bhittai road	98%
15	Haji Peer Muhammad road Nallah from Aath Chowk to Juna Masjid	Haji PirMohd Nallah	60%
16	Bund Para Nallah from Saifi Bagh to Shah Abdul Latif Bhittai road	Bund Para Nallah	55%
17	Pitcher Nallah at Mehmood Shah road Lyari from Jameela pumping station to I.C.I Bridge	Pitcher Nallah	25%
18	Kalri Nallah at Lyari from Chakiwara road to Maripur road	Kalri Nallah	50%

Annex-2 (Contd)

05. District Municipal Corporation, Central

Non-removal of encroachments over storm water drains								
Sr. No.	Name of Drain & Nallah	Start point	End point	Length	Width (feet)	Depth	Possession	Encroachment
North Nazimabad								
1	Buffer Zone	KBR	Namak Bank	1500 Rft	$\frac{5+3}{2}$	4'-0"	DMC	35%
New Karachi								
2	3000 road	from Rehmania more	6000 road	6000 Rft	$\frac{5+3}{2}$	4'-0"	DMC	90%
3	Moulana Mohammad Ali Johar	2200 road	4400 road	9000 Rft	$\frac{8+5}{2}$	$\frac{4+5}{2}$	DMC	80%
4	Aijaz-ul-Qudoosi	5000 road	Gujro Nallah	3700 Rft	$\frac{8+5}{2}$	$\frac{6+5}{2}$	DMC	30%
5	4300 road	5200 road	9000 road	6000	6'	4'	DMC	80%

Non-removal of encroachments over storm water drains								
Sr. No.	Name of Drain & Nullah	Start point	End point	Length	Width (feet)	Depth	Possession	Encroachment
				Rft				
6	MoulanaShoukat Ali	Godhra Chowk	6000 road	14000 Rft	$\frac{7+4}{2}$	4'	DMC	60%
7	4000 road	5000 road	9000 road right side	5300 Rft	6'	4'	DMC	80%
8	Moulana Zafar Ahmed	2100 road	4000 road	7000 Rft	$\frac{5+3}{2}$	4'-0"	DMC	90%
Liaquatabad								
9	Arshi Chowk Nullah	Sir Syed College	Orangi Nullah	3500 Rft	6'	3'	DMC	90%
10	Bhooray Khan Nullah	Bhooray Khan	Sindhi Hotel	8000 Rft	6'	4' to 6'	DMC	70%
11	Nairang Nullah	Nairang Cinema	Gujro Nullah	2000 Rft	5'	3' to 5'	DMC	65%
12	Taya Hotel	Furniture market	Gujro Nullah	2500 Rft	5'	3' to 6'	DMC	65%
13	Hassan Colony Nullah	Rehbar Chowk	Hassan Colony	3000 Rft	4' to 5'	2' to 5'	DMC	65%
14	Talib Colony Nullah	Talib Colony	Gujro Nullah	3000 Rft	4' to 5'	2' to 5'	DMC	65%
15	C-1 Nullah	Bering Naali Galli	Gujro Nullah	2500 Rft	3'	2' to 3'	DMC	65%
16	Sikandarabad Nullah	Sikandarabad	Rizwan Masjid	2500 Rft	6'	3' to 6'	DMC	68%
17	Liaquatabad main Nullah	Liaquatabad No.10	Teen Hatti	3000 Rft	10'	4' to 6'	DMC	68%
18	Liaquatabad super market	Super market Thana	DakKhana	3000 Rft	4' to 6'	2' to 5'	DMC	68%
19	Liaquatabad No.07	Block-07	GhousiaMasjid	2500 Rft	4' to 6'	2' to 5'	DMC	68%

Annex-3: Unjustified expenditure on anti-encroachment establishment of KMC without significant performance – Rs658.044 million

S. No.	Nallah		Actual		Encroachment
	Name of Nallah	District	Length	Width	
1	Gujjar Nallah	Central	13.50 kms	210 ft	50%
2	5,200 road nallah	Central	3.50 kms	6ft	45%
3	4,200 road nallah	Central	3.50 kms	6ft	10%
4	9,000 Road Nallah	Central	4 kms	6ft	90%
5	5,000 Road Up Mor to Sakhi Hassan and North Karachi	Central			Nil
6	Hub River Nallah	West	2.50 kms	8 ft to 10 ft	45%
7	Shereshah Nallah	West	1.80 kms	100 ft	90%
8	Haroonabad Nallah	West	3.66 kms	12 ft to 20 ft	10%
9	Mouchko Nallah	West	7.32 kms	12ft to 20ft	30%
10	Orangi Nallah	West	12.5 kms	200 ft	50%
11	Manzoor colony nallah	East	6.34 kms	150 ft	60%
12	Mehmoodabad Nallah	East	4.12 kms	20 ft to 80 ft	15%
13	Zehri House Nallah	East	2.14 kms	20 ft to 40 ft	15%
14	Azam Basti	East			35%
15	Aziz Bhatti	East			NA
16	Pehlwan Goth Nallah	East	4.58 kms	20 ft	50%
17	Essa Nagri Drain form University road to Lyari Exp way	East			80%
18	Songal Nallah	East	2.75 kms	12 ft to 50 ft	75%
19	Chakora Nallah	East			60%
20	NIPA drain	East			3%
21	Soldier Bazar Nallah	South	6.1 kms	20 ft 70 ft	75%
22	Nehr-e-khayam	South	2.74 kms	100ft to 115ft	Nil
23	Pitcher Nallah	South	4.57 km	20ft	20%
24	Kalri Nallah	South	2.13 kms	20ft	35%
25	Frere Nallah	South	3.05 kms	30ft	NA
26	City Nallah	South	0.33 kms	20ft	20%
27	10,000 road Nallah	Korangi	3.05 kms	12 ft	15%
28	CBM strom water drain 16000 road to CBM university	Korangi			15%
29	5000 Road strom drain	Korangi	3.05 kms	12ft	10%
30	Chakora Nallah (Falak Naz to Malir River)	Korangi	7.02 Kms	40 ft to 60 ft	20%
31	Azeem Pura Nallah	Korangi	2.14 kms	20 ft	12%
32	12000 Nallah	Korangi	2.14 kms	12 ft	10%
33	Golden Town Nallah	Korangi	1.83 kms	12 ft	12%
34	7000 Road Nallah	Korangi	4.58 kms	12 ft	10%
35	5,000 Road Nallah	Korangi	3.05 kms	12 ft	15%
36	6,000 road Nallah	Korangi	14.78 kms	NA	3%
37	9,000 Road Nallah	Korangi	3.05 kms	12 ft	10%
38	8,000 Road Nallah	Korangi	11.3	NA	NA

S. No.	Nallah		Actual		Encroachment
	Name of Nallah	District	Length	Width	
39	Mehran Highway Nallah	Malir	3.66 kms	10 ft	8%
40	Lalabad Nallah	Malir	2.14 kms	12 ft	12%
41	Mehran Cut Nallah	Malir			30%

**Annex-4: Improper cleaning/de-silting of nullahs/drains through outsourcing
Rs767.767 million**

(Rs. in million)

Sr. No.	Name of office	OM No.	Amount
1	Director, Contract Management, KMC	06+11	440.730
2	District Municipal Corporation, Korangi	07	164.132
3	District Municipal Corporation, East	07	93.159
4	District Municipal Corporation, South	07	69.746
Total			767.767

(1) Director, Contract Management, KMC

(Amount in Rupees)

Sr. No	Name of Work	Name of Contractor	Work Order	Sanctioned Cost	Total Value of Work done
1	Cleaning and de-silting of nallah of 1000 road storm water drain from 5000 road to Gets Pharma at District Korangi	M/S Adeel hHumanyon	Dir/CMW/MC/ KMC/480/2018 date 27.06.2018	8,031,760	6,288,000
2	Cleaning and de-silting of Lalabad nallah (rice godown to Govt. boys school goth) DMC Malir	M/S Khan Baber & Brothers	Dir/CMW/MC/ KMC/1248/2018 date 07.12.2018	4,085,200	2,869,020
3	Cleaning and de-silting of Aziz Bhatti drain at District East	M/S Shaheen Trading & Co	Dir/CMW/MC/ KMC/460/2018 date 27.06.2018	4,803,750	3,491,100
4	Cleaning and de-silting of chakor Nallah district korangi from Falknaz to Mlair River	M/S K.A.& Brothers	Dir/CMW/MC/ KMC/467/2018 date 27.06.2018	32,119,300	28,775,520
5	Cleaning and de-silting of CBM storm water to CBM university district Korangi	M/S G.M Enterprises	Dir/CMW/MC/ KMC/449/2018 date 27.06.2018	11,017,770	8,140,517
6	Cleaning and de silting of Shershah Nallah District West	M/S Haji Sangeen Khan & Sons	Dir/CMW/MC/ KMC/472/2018 date 27.06.2018	11,125,650	5,109,723
7	Cleaning and de-silting of Songal nallah from white house grammer school near Khat.me.Nabowat chowk to Lyari expressway at	M/S G.M Enterprises	Dir/CMW/MC/ KMC/479/2018 date 27.06.2018	21,073,836	12,762,595

Sr. No	Name of Work	Name of Contractor	Work Order	Sanctioned Cost	Total Value of Work done
	Gulsitan.e.Hijri District East				
8	Cleaning and de silting of 9000 road storm water drain from C-area 10 12000 road district Kornagi	M/S KaimKhani Competion International	Dir/CMW/MC/ KMC/478/2018 date 27.06.2018	10,066,560	4,957,087
9	Cleaning and de-silting of solider bazar nallah district south	M/S Shaheen Trading & Co	Dir/CMW/MC/ KMC/464/2018 date 27.06.2018	28,682,020	17,531,462
10	Cleaning and de-silting of ornagi nallah district west	M/S Yousuf Khan & Brothers	Dir/CMW/MC/ KMC/462/2018 date 27.06.2018	89,565,250	58,950,088
11	Cleaning and de-silting of Mehran highway nallah in district Malir	M/S ArhamAsso sicates	Dir/CMW/MC/ KMC/452/2018 date 27.06.2018	13,864,055	9,007,250
12	Cleaning and de-silting of golden town nallah district Korangi from golden town via Azeem Pura to Malir	M/S J.K& Co	Dir/CMW/MC/ KMC/795/2018 date 13.09.2018	6,031,200	2,862,979
13	Cleaning and de-silting of Azeem Pura Nallah District Korangi from reti plot to Azeempura Nallah	M/S KaimKhani Competion International	Dir/CMW/MC/ KMC/455/2018 date 27.06.2018	6,282,200	4,699,984
14	Cleaning and de-silting of Nehr.e.Khayyam district South Karachi	M/S G.M Enterprises	Dir/CMW/MC/ KMC/451/2018 date 27.06.2018	20,636,000	15,572,475
15	Cleaning and de-silting of 12000 road storm water drain Korangi	M/S K.A& Brothers	Dir/CMW/MC/ KMC/477/2018 date 27.06.2018	7,801,600	4,120,313
16	Cleaning and de-silting of 7000 road storm drain at Korangi	M/S K.A& Brothers	Dir/CMW/MC/ KMC/454/2018 date 27.06.2018	3,845,200	1,930,911
17	Cleaning and de-silting of Essa Nagri drain fro university road to Lyari expressway district East (D.W)	M/S Watan Dost Constructio n Co	Dir/CMW/MC/ KMC/475/2018 date 27.06.2018	2,638,000	824,880
18	Cleaning and de-silting of mehran cut nallah district Malir (D.W)	M/S A.G Khan & Enterprises	Dir/CMW/MC/ KMC/475/2018 date 27.06.2018	38,720,419	38,709,127
19	Cleaning and de-silting of	M/S K.A&	Dir/CMW/MC/	20,893,640	16,873,125

Sr. No	Name of Work	Name of Contractor	Work Order	Sanctioned Cost	Total Value of Work done
	Chakor nallah from Habib university to block 9 Gulistan.e.Johardistrict East Karachi (D.W)	Brothers	KMC/476/2018 date 27.06.2018		
20	Cleaning and de-silting of 4200 road nallah district Central (DW)	M/S G.Q.S Contractor	Dir/CMW/MC/KMC/459/2018 date 27.06.2018	3,996,773	2,943,637
21	Cleaning and de-silting of city nallah district south (DW)	M/S Khan Alam Abdullah Zai& Sons	Dir/CMW/MC/KMC/594/2018 date 12.07.2018	9,057,906	5,189,163
22	Cleaning and de-silting of NIPA drain in from univeristy road to Lyari expressway nallahs 8000 road district east (DW)	M/S Aqil Khan Sherani& Brothers	Dir/CMW/MC/KMC/469/2018 date 27.06.2018	5,999,233	2,619,655
23	Cleaning and de-silting of Haroonabad nallah district West (DW)	M/S M.Tahir& Brothers	Dir/CMW/MC/KMC/465/2018 date 27.06.2018	14,359,170	7,378,321
24	Cleaning and de-silting of nallah 5000 road UP mor Saki Hassan north Karachi Central (DW)	M/S K.A&Brothers	Dir/CMW/MC/KMC/807/2018 date 27.06.2018	15,884,323	10,769,044
25	Cleaning and de-silting of Manzoor colony nallah district east (DW)	M/S J.M Khan & Brothers	Dir/CMW/MC/KMC/453/2018 date 27.06.2018	16,462,190	14,211,420
26	Cleaning and de-silting of 5000 road storm water drain at district Korangi (DW)	M/S K.A&Brothers	Dir/CMW/MC/KMC/794/2018 date 13.09.2018	11,875,200	6,072,487
27	Cleaning and de-silting of frere nallah district south (DW)	M/S Haji Gul Muhammad Khan Sherani	Dir/CMW/MC/KMC/776/2018 date 12.09.2018	8,925,775	7,698,550
28	Cleaning and de-silting of hub river nallah Baldia district west (DW)	M/S Haji Hassan Gul & Hassan Khan	Dir/CMW/MC/KMC/466/1/2018 date 27.06.2018	6,174,400	3,850,875
29	Desalting through winching of storm water drain of road 8000 t district Korangi (DW)	M/S ArhamAssoicates	Dir/CMW/MC/KMC/448/1/2018 date 27.06.2018	9,792,400	6,480,378
30	Cleaning and de-silting of 5200	M/S G.Q.S	Dir/CMW/MC/	4,068,582	2,987,085

Sr. No	Name of Work	Name of Contractor	Work Order	Sanctioned Cost	Total Value of Work done
	road nallah District Central (DW)	Contractor	KMC/473/1/20 18 date 27.06.2018		
31	Cleaning and de-silting of Mouchko nallah district west	M/S Yousuf Khan & Brothers	Dir/CMW/MC/ KMC/474/1/20 18 date 27.06.2018	29,343,750	21,966,188
32	Cleaning and de-silting of Gujjar nallah district central (DW)	M/S G.Q.S Contractor	Dir/CMW/MC/ KMC/474/1/20 18 date 27.06.2018	54,031,466	43,813,967
33	Cleaning and de-silting of pitcher nallah district south (DW)	M/S Shaheen Trading & Co	Dir/CMW/MC/ KMC/461/1/20 18 date 27.06.2018	15,283,760	10,108,320
34	Cleaning and de-silting of 9000 road nallah district central (DW)	M/S M.Tahir & Brothers	Dir/CMW/MC/ KMC/470/1/20 18 date 27.06.2018	5,694,165	4,649,943
35	Cleaning and de-silting of Kalri nallah district south (DW)	M/S G.M Enterprises	Dir/CMW/MC/ KMC/450/1/20 18 date 27.06.2018	19,621,000	13,737,440
36	Cleaning and de-silting of Mehmoodabad Zehri House nallah district east (DW)	M/S K.A & Brothers	Dir/CMW/MC/ KMC/468/1/20 18 date 27.06.2018	23,957,632	21,547,024
37	Cleaning and desilting of Pehwlan goth nallah from Habib university to KDA Phase-I Abdul Asar Hafeez Jalendhri road at district east (DW)	M/S K.A & Brothers	Dir/CMW/MC/ KMC/456/1/20 18 date 27.06.2018	26,255,040	11,231,135
Total				622,066,175	440,730,788

Annex-4 (Contd)**(2) District Municipal Corporation, Korangi**

(Amount in Rupees)

S. No.	Subject	Firm name	Cheque	Date	Amount
1	Cleaning Of Nallah Near 33-E Korangi Zone DMC Korangi	Naveed Ent.	20767158	28/08/2017	816,441
2	Cleaning Of Muhammad Pur Nullah In Shah Faisal Zone	Z.A Brother	18892185	13/09/2017	323,065
3	Rehabilitation Cleaning Of Sewerage Line Winching At Chakra Goth Uc-35 Korangi Zone DMC Korangi	Z.Aent	20311963	21/09/2017	684,363
4	Replacement Of Unseviceable& Worm Sewerage Line By Dia Rccpipe Line From Nasir Colony Korangi Zone	Mustufa&Mujtuba	18825834	24/10/2017	1,258,347
5	Cleaning Desilting Of Nallah From 9000 Road To Korangi Zone DMC Korangi	A Jawad Khan & Brother	18825835	24/10/2017	816,530
6	Cleaning Of Nallah Harmainchowling To Token Stop DMC Korangi	Shan Ent	20311971	24/10/2017	92,077
7	Cleaning Of Nallah Kala Board To Harminchowarngi DMC Korangi	Shan Ent	20311971	24/10/2017	91,853
8	De-Silting Of Nallah From 1 # Tanki Stop To Dhono Goth Shah Faisal Zone	Moinent	18786255	30/10/2017	771,934
9	Imp Of Sewerage 24 Dia Rccpipe Line Near Godcar School Behind Railway Tack UC-01 Model Zone	Mehrozent	21285740	11/06/2017	1,500,027
10	Cleaning Of Sewerage Line Winching In UC-01 To UC-06 Model Zone	Al Wasayent	21286356	11/06/2017	813,739
11	Construction Of Sewerage Line Winching UC-01 UC-2& UC-06 Model Zone Dmc Korangi	Shan Ent	21236406	11/08/2017	1,634,286
12	P/L Rcc Pipe Drain In UC-25 To UC-31 Of Korangi Zone DMC Korangi	Nuaent	21236437	13/11/2017	4,080,499
13	Providing Laying Rcc Pipe Drain In Sector 32-C Ward-4 UC-34 Korangi Zone	Mustufa&Mujtubaent	21875452	17/11/2017	957,476
14	De-Silting Of Nallah 10000 Rood To Sikandar Road Korangi	Mustufa&Mujtubaent	22085299	28/11/2017	821,739

S. No.	Subject	Firm name	Cheque	Date	Amount
	Zone Dmc Korangi				
15	De-Silting Of Nallah 12000 Road From Total Petrol Pump To Chakra Goth Stop Korangi Zone DMC Korangi	Mustufa&Mujtubaent	22085299	28/11/2017	819,145
16	Cleaning Of Nallah From Traffic Signal To Nasreen Chowk UC-10 Shah Faisal Zone	Apex Builder	22085325	15/12/2017	817,141
17	Cleaning Of Nallah From Qaid Park Nazeer Hussain Park UC-11 Shah Faisal Zone	Apex Builder	22085332	19/12/2017	814,230
18	Constructin Of RCC Slabs & Cleaning Of Nallah At Dua Academy 13000 Road UC-25 Korangi Zone	Saad Ent	22085349	19/12/2017	783,392
19	De Silting Of Nallah From 9000 Road P&G Nallah Korangi Zone	Saad Ent	22085349	19/12/2017	821,218
20	De-Silting Of Nallah Muzafabad Colony & Different Landhi Zone	Abdul Sattar	21836698	19/12/2017	840,353
21	De-silting Of Nallah Hospital Chorangi To EDZ Landhi Zone	Abdul Sattar	21836695	19/12/2017	840,775
22	P/L Pipe Drain In Arwea -J Area UC-No 22 Landhi Zone	Mustufa&Mujtubaent	21851480	19/12/2017	823,691
23	De-Silting Of Nallah Along 6000 Road From 9000 Road To 5000 Road in Korangi Zone	Mustufa&Mujtubaent	21951480	19/12/2017	822,971
24	Imp Rehabilitation Of Sewerage Line By Winching At Ward 17 2 UC-34 Korangi	Al Ghaffar Ent	22026214	01/08/2018	819,815
25	Cleaning Of Sewerage Line/Winching 24 Dia & 12 Hascol Petrol Pump Malir Hurt To Rangers Chowk Model Zone	Alina Ent	22026229	01/09/2018	810,865
26	P/F Rcc Pipe Drain & 4 Inch Dia Near B-383 B Area Old Sewerage Line UC-01 DMC Korangi	Mehrozeent	22026230	01/09/2018	820,703
27	P/L Rccpipe Line Drain Ring Slabs Main Hole Covers In Various Area DMC Korangi	Mustufa&Mujtubaent	22026234	01/09/2018	821,068
28	De Silting Of Nallah From Al Mustufa Medical Center To Raza Chowk In Shah Faisal Zone	Z.A Brothers	22026235	01/09/2018	304,313
29	De-Silting Of Nallah Along 6000 Road 11000 Road And Different Area Landhi Zone	Faheem & Naseem	22026236	01/09/2018	820,772
30	De-silting Of Nallah From Choti	UC Const Co	22026237	01/09/2018	821,122

S. No.	Subject	Firm name	Cheque	Date	Amount
	Market Via From Inam Memorial Ground To Landhi				
31	Hiring Of Machinery UC-1 To UC-06 In Model Zone Dmc Korangi	Hameed Builder	22026257	01/10/2018	91,261
32	P/L Rcc Pipe Drain UC-01 C Area O Asiid&Liquat Collage Model Zone	Apex Builder	22026258	01/10/2018	91,261
33	De-Silting Of Nallah Along 12000 Road To Gulshann-E Muhammad Landhi Zone DMC Korangi	S.S.S Corporatinon	22026261	01/12/2018	838,616
34	De-silting Of Nallah Along 11000 Road Landhi Zone	S.S.S Corporatinon	22026261	01/12/2018	839,225
35	Dismanting Of RCCcolvert At 16000 Road Nallah Near Qasim Masjid Korangi Zone	Kashif Hafeez	22026262	01/12/2018	834,481
36	Providing Laying RCC Drain UC-04 Model Zone DMC Korangi	Alina Ent	21875579	26/01/2018	823,325
37	De-silting Of Nallah From 13000 Road Tp Zaman Town Along 1000 Road Landhi Zone	Aqib Builder	21875584	31/01/2018	820,875
38	P/L RCC Pipe Drain & Main Holes In Uc-01 To UC-02 Model Zone	Mehrozent	22684159	02/07/2018	810,708
39	P/L RCC Pipe Drain & Main Holes In UC-05 To UC-06 Model Zone	Mehrozeent	22684159	02/07/2018	810,987
40	Cleaning Of Nallah Inter Sewerage Pipe Line In UC-27 Korangi Zone	Shan Ent	22684161	02/07/2018	823,226
41	P/F Pipe Drain From Abu Bakar Masjid To Govt School UC-28 Korangi Zone	A.Jsaifent	22684162	02/07/2018	822,891
42	Supplying Ring Slab & Main Hole Covers At Various UC's Of Model Zone	Ame Unlimited	22684163	02/07/2018	823,355
43	P/F CC Paving Block In Street Area 36-E Quaid Masjid & UC-03 Uc-17 Landhi Zone	F&D	22085368	13/02/2018	1,000,000
44	P/L RCC Pipe Drain In Different Uc's Area Landhi Zone	Rana Manzoor & Brothers	22854537	03/05/2018	1,269,790
45	P/F RCC Ring Slabs & Main Holes Covers In UC-33 To 37 Korangi Zone	Alfa Brother	22854548	03/05/2018	819,395
46	P/L Pipe Drain 8 Dia 37-C Farooq	Kainatent	22854549	03/05/2018	823,651

S. No.	Subject	Firm name	Cheque	Date	Amount
	Villas UC No 16 Landhi Zone				
47	Cleaning Of Nallah From Sheshagali Towards Kala Board	Waheed& Sons	22854550	03/05/2018	822,651
48	Construction Of Para Pet Wall Of Nallah At Hussain Safar At Khamarsheshagali Token Stop Model Zone	Al Wasayent	21836698	14/03/2018	815,277
49	P/F Rcc Ring Slabs & Main Holes Covers In UC-33 To 37 Korangi Zone	Alina Ent	21875616	15/03/2018	823,971
50	P/L Pipe Drain In Area 4-A Bismillah Market Road UC-19 Landhi Zone	Kainat Ent	21875625	15/03/2018	823,682
51	Hiring Of Machinery UC-1 To UC-03 In Model Zone	Alina Ent	23154547	04/02/2018	89,100
52	Hiring Of Machinery UC-04 To UC-06 In Model Zone	Alina Ent	23154547	04/02/2018	89,100
53	P/L Rcc Main Hole Covers At Various Of DMC Korangi	Alina Ent	23154573	04/06/2018	821,707
54	P/F Rpaving Block In Street Ward 2 Behind Ghanchi Hall UC-06 Model Zone	Alina Ent	23154573	04/06/2018	733,222
55	Cleaning Of Nallah Near 33-E Korangi Zon	Alina Ent	23154573	04/06/2018	816,441
56	P/F Rcc Pipe Drain Kausar Town In UC-03	Mehroze Ent	18770781	04/10/2018	822,125
57	Repair Of Heavy Leakage On 24" Dia At Variousplace UC-3 Model Zozne	Alina Ent	21836710	25/06/2018	92,223
58	Repair Of Heavy Laekage 24" Dia At Various Place Malir Tankey	Alina Ent	21836710	25/06/2018	92,223
59	Supply Lubricant For Vehicle Machinery Under Spra	Tariq Ent	21836649	19/07/2019	524,159
60	Balance Amount Work Of Annual Contract Lifting Garbage From Karbala Ground 1-3-19 To 24-03-2019	Astrotech International	27562290	08/08/2019	1,700,000
61	Balance Amount Work Of Annual Contract Lifting Garbage From Karbala Ground 1-3-19 To 24-03-2019	Astrotech International	21875525	08/08/2019	1,518,859
62	Part P/L RCC Pipe Drain 12 Dia & * Dia In Different UC's No 20,21,23,24 Landhi Zone	Fine Builder	27504615	20/08/2019	200,000
63	P/F Rcc Pipe Drain From W-22 To Jamia Masjid Sestro 78-E UC-	A.Jsaif	27504619	20/08/2019	200,000

S. No.	Subject	Firm name	Cheque	Date	Amount
	28 Korangi Zone				
64	Imp Of Seweragwe Line By Winching In UC-33 Korangi Zone	Falcon Engineer	27504621	20/08/2019	159,153
65	Repair Vehicles Re Shaping With Repair Of Jack System And All Allied Works Of Tractors Trolley No-9 DMC Korangi	Tri Star Trading Corporatin	27280548	27/08/2019	98,500
66	R/M Of Different Type Garbage Lifting Vehciles Of Landhi Zone	Tri Star Trading Corporatin	27280548	27/08/2019	99,000
67	Engine Overhauling And Vender Work Of Vehicle No 300-408 Mazda Water Bouzer	Tri Star Trading Corporatin	27280548	27/08/2019	99,000
68	Garbage Lifting From Azeem Pura Garaveyard To Dehchalo-1-2-2019 To 15-2019	Al Noor Builder	27395290	09/11/2019	3,041,762
69	De-Silting Of Nallah 13000 Road Korangi Zone	Astrotech International	27395298	16/09/2019	1,984,961
70	Imp Of Seweragwe Line By Winching In UC-28,33 Korangi Zone	Ali Builders &Construction	27395314	16/09/2019	200,000
71	Garbage Lifting 100 Quarter 16-11-2018 To 16-11-2018 Korangi Zone	Tauqeerent	27395324	23/09/2019	2,028,869
72	Work Of Tractor Attachment Portable Garbage Container Improvement Of Sanitation System Model Zone	Karsaz Ent	23534509	23/9/2019	500,000
73	Providing Fixing Rcc Pipe Drain WZZ Jamia Masjid Korangi	A.Jsaif	23534510	23/9/2019	298,028
74	Work P/L Replacement Of Rcc Pipe Sewerage System Qaumabad Korangi	Naveed & Azan	23534514	23/9/2019	218,093
75	P/L RCC Pipe Drain 8 Dia Mathakhokrapar-1 Model Zone	Mehroze Ent	23534516	23/09/2019	498,818
76	Improvement Of Pipe Drain In Different Ward Of UC-13 Shah Faisal	Moin Ent	23534519	23/09/2019	322,047
77	Providing Laying Rcc Pipe Drain In Uc-30 Korangi	R,K Construction Co	23534521	23/09/2019	315,834
78	Providing & Laying CC Paving At Madarsaiqranabvi Model Zone	Al Asim Associates	23534524	23/09/2019	99,835
79	Providing & Laying Pipe Drain 4-C 36-C Landhi	Kainat Ent	23534528	23/09/2019	223,114
80	P/L Pipe Drain 8 Dia Along Navy S.Barea UC-17 Landhi	Shahid &Sajawalbuil	23534529	23/09/2019	277,041
81	Imrpvment Cleaning Of Pipe Line	B.J& Co	23534530	23/09/2019	240,492

S. No.	Subject	Firm name	Cheque	Date	Amount
	UC-31 At Ward 2.3.4 Korangi				
82	Imp Of Sewerage Line By Winching UC-36 ,37,Korangi	Mahamid& Co	26907721	23/09/2019	322,728
83	Imp Of Drain By Provider Rcc Pipe Near Alvu Clinic To Bilal Associatesshah Faisal	Adil & Brother	26907723	23/09/2019	221,896
84	De-Silting Of Nallah Along 14000 Road Different Are Landhi Zone	Fahim & Naseem Co	26907724	23/09/2019	233,919
85	Repair Of Road By Patch Work UC-7 UC-8 Shah Faisal	Moinent	26907726	23/09/2019	217,942
86	Providing And Laying RCC Pipe Drain 12 Dia 8 UC-20 To 23 Landhi	Fine Builders	26907730	23/09/2019	222,629
87	P/L Pipe & Dia In Pirbulchan Colony Landhi UC-18	Mehboob Shah	26907737	23/09/2019	200,000
88	Worok Sewerage Line Bu 15 Rcc Pipe At Madina Near Jahweer Sweet	J.K& Co	26907738	23/09/2019	250,000
89	Work Of Construction H-M Ground Nallah Laying Rcc Pipe UC-30 Korangi	Aleem Uddin	26907751	23/09/2019	150,482
90	Cleaninf Sewerage Line Telephone Ex-Liquat Market Khurshhed Hall Quba Masjid	Shan Ent	26907753	23/09/2019	250,000
91	Work Of Pipe Drain 8 In Area Market Rd UC-22 Landhi	Taj Construction	26907754	23/09/2019	323,760
92	P/L Pipe Drain 8 Dia Labour Square UC-23 Landhi	I.A Builder Ent	26907757	23/09/2019	200,000
93	P/L Pipe Drain 8 Dia In Area 4-C 36-C Landhi	Al Jabbar Const	26907758	23/09/2019	298,721
94	Cleaning Of Sewerage Line UC-22 Ward 4	Falcon Eng	26907761	23/09/2019	91,957
95	Cleaning Of Pipe Drain In Sector Uc-36 UC-20 Landhi	Falcon Eng	26907761	23/09/2019	91,900
96	Cleaning Of Sewerage Line In Area 4-B 4-B UC-20 Landhi	Falcon Eng	26907761	23/09/2019	91,934
97	R/M Different Type Of Garbage Lifting Dumper Ff Hino Fb Ftr Model Zone	Omafuro	27562296	23/09/2019	992,650
98	Work Providing Laying Rcc Pipe Drain Gulsahn Haroon UC-3 Model Zone	Alina Ent	21656700	09/11/2019	574,545
99	Garbage Lifting From 100 Quate 1-11-2018 To 15-11-2018 Deh Jam Korangi	Tauqeerent	27504628	09/11/2019	801,762

S. No.	Subject	Firm name	Cheque	Date	Amount
100	Garbage Lifting From UC-32 To 37 UCGts To Land Fill Korangi	Astrotech Int	22741844	10/04/2019	3,059,345
101	Imp Cleaning Pipe Line UC-31 Ward 1,2,3,4 Korangi Zone	Ali Builders Const Comp	26907794	15/10/2019	200,000
102	Work Of Pipe Drain 12 Dia 15 Dia In Different UC-3 In Shah Faisal	Haji Sirajuddin & Brothers	26907797	15/10/2019	200,000
103	Providing & Fixing R.C Pipe 6 Dia Water Line At Nasir Colony Korangi	Shaikh Misar Khan & Brother	26907798	15/10/2019	200,000
104	Cleaniing Sewerage Line Winching Tepephone 2 Begum Khursheed Hall To Quba Masjid	Shan Ent	26907800	15/10/2019	200,000
105	Work Of Cleaning Of Sewerage Line Winching UC-3	Shan Ent	26907802	15/10/2019	200,000
106	P/L Pipe Drain 5 In Area Market Road UC-22 Landhi	Mehboob Shah 7 Brother	26907804	15/10/2019	520,129
107	Imp Of Sewerage System UC-1 UC-2 Model Zone	New Ali Ali& Co	26907807	15/10/2019	200,000
108	Providing Laying Pipe Drain In 4-C 36-C UC-20 Landhi Zon E	Kainatent	26907808	15/10/2019	200,000
109	Garbage Lifting From UC-1 To UC-6 Gts To Land Fill Side Model Zone	Astrotech Int	26907809	15/10/2019	3,733,593
110	Complete Head Portion I/C Repair Of Fuel Injection Pump Ch-16101 Hino Dumper Solid Waste	Apex Builder	27610531	16/10/2019	98,501
111	P/L & Replacement Of Rcc Sewerage System Qayyumabad Korangi	Naveed &Azeenent	27610543	16/10/2019	200,000
112	Impr Of Dtrain By Providing Rcc Pipe Bilal Associate Shah Faisal	Adil & Brother	27610546	16/10/2019	200,000
113	P/L Rcc Pipe Drain 12 Dia UC No 20,21,23 Landhi	Fine Builder	27610547	16/10/2019	200,000
114	Rehabilitioin Of Road In Uc-34 Ward -2 Korangi	Nuaent	27610548	16/10/2019	200,000
115	De-Silting/Vanching Of 24 Dia Rccawami Colony UC-23 Landhi	Rana Manzoor	27610549	16/10/2019	200,000
116	P/L Pipe Drain 8 Dia Along Navy 5-B Area Uc-17 Landhi	Shahid &Sajawal Builder	27610550	16/10/2019	200,000
117	De-Silting Of Nallah Along 14000 Road In Landhi	Fahim & Naseem Const Co	27610551	16/10/2019	200,000
118	Imp Of Sewerage Line In UC-36 & 37 Korangi	Mhammid& Co	27610552	16/10/2019	100,000
119	Cleaning Of Sewerage Line In	Q.B Builder	27610554	16/10/2019	99,400

S. No.	Subject	Firm name	Cheque	Date	Amount
	Area Sector 37-K Uc-16 Farooq Villas Landhi				
120	Cleaning Of Sewerage Line In Area Sector 3-A Uc-16 Farooq Villas Landhi	Q.B Builder	27610554	16/10/2019	99,287
121	Cleaning Of Sewerage Line Whinching Various Street If Ward -3 & 4 Pipe Drain UC-4 Various Portion Model	Apex Builder	27610570	18/10/2019	481,517
122	P/L Rcc Pipe Drain At Various Area UC-1 Model Zone	New Ali Ali& Co	27610579	21/10/2019	200,000
123	Demantting Cleaning Nallah Kalaboard To Sishagali Model Zone	Mehrozent	27610587	21/10/2019	200,000
124	Providing Spreading Lime Loading Un Loading Carriage Shift UC-14 To UC-20	Mehrozent	27610598	29/10/2019	99,900
125	Garbage Lifting Form Azeem Pura Garveyard 16-2-2019 To 28-02	Al Noor Builder	27610603	29/10/2019	1,821,424
126	Agarabge Lifting Azeem Pura To Chakro 1-3-2019 To 15-03-2019 Shah Faisal	Al Noor Builder	27610603	29/10/2019	485,560
127	Dismantling/Cleaning Of Nallah Kala Board To Sheshagali	Mehroz Enterprise	28315159	22.11.19	298,508
128	Cleaning Sewerage Line UC-3 DMC Korangi	Shan Enterprise	28315167	22.11.19	994,379
129	Cleaning Sewerage Line MZ	Shan Enterprise	27562310	22.11.19	996,235
130	Garbage Liftong UC-1 T UC-6, MZ Dustbin 16.7.18 To 31.7.18	Task Associates	19758655	13.12.19	2,487,774
131	Hiring Of Machinery For Emergency Clening Campaign, MZ	Sanco Technology	28561973	7.1.20	2,004,975
132	Garbage Lifting Contract UC-7 To 14 GTS To Land Fil Site SFZ	Al Noor Builder	25084097	9.1.20	1,569,038
133	Garbage Lifting Contract UC-7 To 14 GTS To Land Fil Site SFZ	Al Noor Builder	25084097	9.1.20	2,285,644
134	Contract For Lifting Transporttion UC-1 T 6 Dustbin	Task Associates	25084108	9.1.20	5,190,395
135	Desilting Of Nallah Differenc Points, LZ, KZ	Sanco Technology	25084109	9.1.20	818,784
136	Desilting Of Nallah Along Road, LZ	Sanco Technology	25084109	9.1.20	821,689
137	Desilting Of Nallah At 16000 Rd Checking Points Raheemabad, KZ	Astrotech International	25084112	9.1.20	941,556
138	Desilting Of Nallah At 14000 Rd	Astrotech	25084112	9.1.20	842,886

S. No.	Subject	Firm name	Cheque	Date	Amount
	Eye Hospital, KZ	International			
139	Hiring Of Machinery Of Emergency Cleaning Campaign MZ	Astrotech International	28561995	22.1.20	2,225,137
140	Garbage Lifting Bills 11 Various UCs	Task Associates	26260178	29.1.20	866,251
141	Garbage Lifting 18 Bills	Task Associates	28561997	7.2.20	1,472,689
142	Hiring Of Machinery For Emergency Cleaning Cmpaign, MZ	Al Khalid	26260219	7.2.20	1,258,897
143	Hiring Of Machinery For Emergency Cleaning Cmpaign, MZ	Task Associates	27835405	7.2.20	141,502
144	Hiring Of Machinery For Emergency Cleaning Campaign	Everest Enterprise	29033132	26.2.20	1,558,237
145	Desilting Nalla UC-32, KZ	Touqeer Enterprise	28315212	6.3.20	277,053
146	Desilting Nalla UC-28, KZ	Touqeer Enterprise	28315212	6.3.20	276,767
147	Arrangement For Collection Transportaion Of Offals Eid Ul Azha-18 KZ	Crystal Associates	28562011	9.3.20	1,502,125
148	Garbage Lifting Annual Contrat UC-7 To UC-14 SFZ GTS To Lan Fil Site Jam Chkro	Al Noor Builder	26260234	12.3.20	2,690,743
149	Arrangement For Collection Transportaion Of Offals Eid Ul Azha-18 SFZ	Ocean Enterprise	26260235	12.3.20	1,581,850
150	Cleaning Sewerage Line Various Areas UC-27, KZ	Alina Enterprise	26260240	12.3.20	273,490
151	Construction Of RCC Culvert City Grammar School Saudabad	Shan Enterprise	26260242	12.3.20	320,921
152	Hiring Of Machinery For Emergency Campaign	Everest Enterprise	27823702	12.3.20	2,087,107
153	Hiring Of Machinery For Emergency Campaign	Touqeer Enterprise	28315216	12.3.20	1,981,462
154	Hiring Of Machinery For Emergency Campaign	Everest Enterprise	28315217	12.3.20	1,600,000
155	Garbage Lifting Bills Sep-15, 19 Bills	Task Associates	28315219	12.3.20	1,509,048
156	PL Drain 8 Dia In Burmi Colony UC-21 LZ	IA Builders	28315221	12.3.20	200,000
157	PL RCC Pipe Drains In UC-15 To 19 LZ	Alfa Brothers	28315223	13.3.20	200,000
158	PL RCC Pipe Drain 8 Dia In Areas 15,16,18 & 19 LZ	Fine Builers	28315224	13.3.20	200,000
159	Construction Of RCC Slab Over	M Aleem Uddin	28359266	13.3.20	221,097

S. No.	Subject	Firm name	Cheque	Date	Amount
	5000 Road Nallah, KZZ				
160	Cleaning Of Pipe Drain UC-13 SFZ	Moin Enterprise	28359267	13.3.20	274,374
161	Cleaning Of Naala From 10000 To Sikandar Road Choking Point KZ	BJ & Co	28359270	13.3.20	200,000
162	Hiring Of Machinery For Emergency Cleaning, LZ	Mas Enterprise	27823712	18.3.20	2,647,935
163	Garbage Lifting 10 Bills	Task Associates	29251181	18.3.20	854,925
164	Hiring of Machinery Emergency Cleaning Campaign	Everest Enterprise	28562014	16.4.20	1,638,180
165	PL RCC Pipe Drain UC-32 To 37 KZ	NUA Enterprise	29251215	18.5.20	3,222,214
166	Hiring Of Machinery For Emergency Cleaning Campaign LZ	Mechanicals	17737517	20.4.20	2,137,500
167	Hiring Of Machinery For Emergency Cleaning Campaign, LZ	Task Associates	29251194	18.5.20	1,415,025
168	Repair Of Drain Pipe Sector-10 Awamiclony UC-23 LZ	Umair Contractor	29251199	18.5.20	259,841
169	Improvement Of Pipe Drain In Area J- K UC-22 LZ	AH Construction	29251205	18.5.20	100,000
170	Improvement Of Sewerage System UC-1 To 2 MZ	New Ali Ali& Co	29251208	18.5.20	200,000
171	PL RCC Pipe Drain UC-32 To 37 KZ	NUA Enterprise	29251215	18.5.20	500,000
172	Hiring Of Machinery For Emergency Cleaning Campaign, LZ	Everest Enterprise	29251223	20.5.20	1,875,870
173	Hiring Of Machinery For Emergency Cleaning Campaign, SFZ	Israr Basit Enterprise	29251225	21.5.20	1,875,870
174	Hiring Of Machinery For Emergency Clening Campaign, MZ	Everest Enterprise	17737529	2.6.20	1,933,155
175	Hiring Of Machinery For Emergency Clening Campaign, KZ	Everest Enterprise	17737530	2.6.20	1,648,013
176	Hiring Of Machinery For Emergency Cleaning Campaign, SFZ	Mas Enterprise	21875539	5.6.20	1,037,543
177	Hiring Of Machinery For Emergency Cleaning Campaign, LZ	Task Associates	29716276	9.6.20	2,423,492

S. No.	Subject	Firm name	Cheque	Date	Amount
178	Hiring Of Machinery For Emergency Cleaning Campaign, KZ	Al Khalid	29251238	16.6.20	2,150,325
179	Hiring Of Machinery For Emergency Cleaning Campaign, LZ	Everest Enterprise	27823720	25.6.20	923,400
180	Hiring Of Machinery For Emergency Cleaning Campaign, KZ	Israr Basit Enterprise	27823721	25.6.20	1,031,558
181	Grabage Lifting Bills 17 Bills	Task Associates	27823722	25.6.20	1,310,076
182	Hiring Of Machinery For Emergency Cleaning Campaign, KZ	Mas Enterprise	27823723	25.6.20	904,163
183	PL RCC Pipe Drains In UC-32 To 37 Of KZ	Nua Enterprise	27823728	25.6.20	2,158,244
184	Improvement Of Sewerage System UC-1 To 2 MZ	New Ali Ali& Co	27823729	25.6.20	224,300
185	Improvement Of Sewerage System UC-1 To 2 MZ	New Ali Ali& Co	27823729	25.6.20	999,151
186	Improvement Of Pipe Drain UC-22 LZ	AH Construction	27823735	25.6.20	295,135
187	Garbage Lifting Various UCs 11 Bills	Al Khalid	27823737	25.6.20	912,410
188	Hiring Of Machinery For Emergency Cleaning Campaign LZ	Israr Basit Enterprise	27823739	25.6.20	1,933,155
189	Garbage Lifting UC-32 To UC-37 KZ	Astrotech International	27823741	25.6.20	1,511,441
190	Hiring Of Machinery For Emergency Cleaning Campaign LZ	Mas Enterprise	27823748	25.6.20	1,095,700
191	Hiring Of Machinery For Emergency Cleaning Campaign LZ	Israr Basit Enterprise	29461654	25.6.20	2,111,850
Total					164,132,849

(3) District Municipal Corporation, East

S. No	Work Name	Contractor Name	Total Expenditure
1	Hiring of machinery I/C Nallah Gang Labour in rain emergency in UC-07 to UC-11 jamshed zone	M/S Balaji Enterprises	996,385
2	De-silting / Cleaning of Nalah at various places of Jamshed Zone	M/S Al Ahmer Enterprises	993,728

S. No	Work Name	Contractor Name	Total Expenditure
3	De-silting / Cleaning of Nalah at various places of Jamshed Zone	M/S akhter Shah Bros Const	961,830
4	De-silting / Cleaning of Nalah at various places of Jamshed Zone	M/S Raheel& Co	982,864
5	De-silting / Cleaning of Nalah at various places of Jamshed Zone	M/S Raheel& Co	980,146
6	Cleaning of Nalah& lifting of debris in area	M/S Khyber Builders	996,504
7	De-silting of Nalah at various places of Jamshed Zone	M/S A.N.A Engineering	4,983,034
8	De-silting / Cleaning of Nalah at various places of Jamshed Zone	M/S Raheel& Co	4,995,300
9	Cleaning of Nalah in different union councils of jamshed zone	M/S Ayan& Company	986,532
10	De-silting / Cleaning of open surface drain at different places of lines Area	M/S Raheel& Co	990,539
11	Improvement of cc drain including RCC slab in chandni area & Block -14 AL-hilal Society	M/S Ana Engineering	959,263
12	Maintenance of CC drain /Nalah in block 4/A sahabi Colony Gulsheniqbal	M/S Kamran & Company	3,659,770
13	Maintenance of CC drain /Nalah including RCC Slab in UC-12	M/S Kamran & Company	2,548,135
14	Construction of CC Drain from touheed masjid to existing nalah in shairpaobastigulsheniqbal	M/S Nowa Enterprises	992,288
15	Maintenance of CC drain near mumtaz manzil & b-16 & different location of Gulsheniqbal	M/S Hafeez Construction Co	995,544
16	Repair & maintenance 12" DIA RCC pipe drain in area of ayoub goth	M/S A. Hafeez Construction Co	986,289
17	Repair & maintenance 12" DIA RCC pipe drain in area of Makhdoom Bilawal Goth UC-30	M/S akhter Shah Bros Const	998,973
18	Improvement of cc drain from existing nalah to karyana shop in nishter road basti	M/S Adnan & Mateen Brothers	999,594
19	Improvement of cc drain in block-13 & 13DGulshen.e.Iqbal	M/S hameed Builders	989,764
20	Improvement of CC drain back side of agha khan hospital to maymar square	M/S F.N Associates	996,850
21	Improvement of CC drain including RCC SLAB from discovery store to azeen goth	M/S Huda Enterprises	993,659
22	Maintenance of CC drain / nalah including RCC SLAB in UC-18	M/S hameed Builders	2,528,670
23	Improvement of cc drain from olympionisllahuddin to baba habbash park	M/S F.N Associates	986,132

S. No	Work Name	Contractor Name	Total Expenditure
24	improvement of CC drain / nalah including RCC SLAB from corner of fatima maternity clinic to existing CC DRAIN shairpaobasti	M/S NOwa Enterprises	990,906
25	improvement of CC drain / nalah including RCC SLAB in different streets & location of nalah in essanagri	M/S A. Hafeez Construction Co	941,168
26	Maintenance of CC drain / nalah from pirkukhari graveyard UC-20	M/S Ayan& Company	977,681
27	Improvement/maintenance of CC drain in block-4 block -6,7 Gulshen.e.Iqbal	M/S Ayan& Company	994,264
28	improvement of CC drain / nalah in front of falaknazapartment b-14 gulsheniqbal	M/S Bismillah Traders	995,184
29	improvement of CC drain surrounding shah jahan masjid in nishterbasti	M/S Adnan & Mateen Brothers	995,947
30	Improvement/maintenance of CC drain I-C RCC Slab from foundation school corner to dewa	M/S J.J. Constructor	994,688
31	improvement of CC drain including RCC SLAB from samama bridge to AGPRoffice	M/S hameed Builders	995,659
32	Cleaning of Nallah at different places of UC-02 & UC-06, Jamshed Zone	M/s Naveed & Azan Ent.	948,220
33	Cleaning of Nallah at different places of UC-11 & UC-13, Jamshed Zone	M/s M.H.A Ent	986,820
34	R&M of Nallah in front of church street in UC-01 1/c provided & fixing RCC pre-cast slabon different nallahs & P/L CC flooring Lac-II, street No.04, UC-06, Jamshed Zone	M/s Sajid Khan & Brothers	968,595
35	Desilting / cleaning of nallah at various places of UC-02 Jamshed Zone	M/s Raheel&Co	981,375
36	hiring of machinery I/C NallahGangLabour in rain emergency in UC-01 to UC-04 jamshed zone	M/S Balaji Enterprises	993,800
37	Cleaning of nallah at different places of UC-16 & UC-17 Jamshed zone	M/s M.H.A Ent	986,145
38	Hring of Machinery for Cleaning / Desilting of nallah at various chocking points & removal of debreis from UC-07 & UC-08 Jamshed zone	M/s Kashif Hafeez	989,388
39	Hring of Machinery for Cleaning / Desilting of nallah at various chocking points & removal of debreis from UC-01 to UC-06 Jamshed zone	M/s Noor Construction & Company	994,912
40	Cleaning / desilting of nallah at different places of UC-01 & 06 jamshed zone	M/S Raheel& Co	992,570
41	Cleaning of nallah at different places of	M/s M.H.A Ent	992,960

S. No	Work Name	Contractor Name	Total Expenditure
	Uc-14 & 15 jamshed zone		
42	Cleaning of nallah atbehind brigade police station in Uc-09 jamshed zone	M/s I.A Builders & Ent	999,638
43	Cleaning / desilting of nallah at mubarak shaheed road UC-09 & 11 jamshed zone	M/s I.A Builders & Ent	995,673
44	Cleaning / desilting of nallah at mubarak shaheed road UC-09 & 11 jamshed zone	M/s Shah Ent	997,203
45	Cleaning / desilting of nallah by mechanicalequipments in UC-13 to 17 jamshed zone	M/S Ayan& Company	1,992,674
46	Construction of nallah tonishia line behind jamia masjid siddiq-e-akhterjamshed zone	M/S Ana Engineering	991,190
47	Cleaning of nallah at different locations of UC-13 to 17 jamshed zone	M/s Sun Builders	2,498,950
48	Cleaning of nallah at locations of UC-07 & 11 jamshed zone	M/s Saleem & Co	4,956,410
49	Cleaning of nallah at different places of UC-02 & 06 jamshed zone	M/s Kashif Hafeez	998,345
50	Cleaning of nallah from backside of gulistan-e-zafar subway e-market & different nallahs in UC-07 jamshed zone	M/s Kashif Hafeez	989,670
51	Cleaning / desilting of nallah at various choking points in jamshed zone	M/S Ana Engineering	992,495
52	Maintenance of cc drain/nallah & songal nallah in block 4/A Sahafi colony, Gulshan.e.iqbal	M/S Kamran & Company	3,659,770
53	Construction of damage nallah walls along Makki Masjid & Bait.e.Rizwan in between Block-01 & II Metroville-III UC-28 Gulshan.e.Iqbal	M/S Nasir KK Associate Enterprises	998,134
54	Improvement/maintennce of damage RCC drain near near beacon house school 13-D UC-21 Gulsan.e.Iqbal	M/S Grey Enterprises	979,002
55	Improvement of re-construction of damage RCC slab & drain from Satho House to KDA Market & Sorroudning area block-03, UC-25 G.Iqbal	M/S Ana Enterprises	950,573
56	Improvement of cc drain including RCC slab in front of acropolis schooolin 13-D-1, UC-21 Gulshan.e.Iqbal	M/S Grey Enterprises	999,334
57	Improvement of cc drain RCC slab back side of T7T colony to SK line UC-20 Gulshan zone	M/S Rashid Enterprises	999,547
58	Improvement/maintenance of damage RCC drain in Fatima Jinnah road Tipu Sultan Road Gulshan zone	M/S Shahnawaz Aziz Construction CO	1,991,712

S. No	Work Name	Contractor Name	Total Expenditure
59	Improvement/maintenance of damage RCC nallah souroundingbillal Masjid Fatima Jinahh road UC-12 Gulshan zone	M/S Shahnawaz Aziz Construction CO	1,991,901
60	Improvement & cleaning of CC drain & grading & nallah at Urdu university Al-Mustafa Hospital TV Station Block-4 Gulshan zone	M/S Aqeel & Brothers	994,934
61	Cleaning & improvement of cc drian from Ahsan CNG pump to Bhyani Heights UC-28 & Ayub Goth Nallah UC-31	M/S Aqeel & Brothers	992,388
62	Improvement maintenance of damage RCC drain from flower shop to Meera Shah Muhammad road UC-12 Gulshan.eIqbal DMC	M/S Shahnawaz Aziz Construction CO	1,987,811
63	Improvement of cc drain including RCC slab from shabs beauty & saloon to foundation school & Ali apartment UC-31 Gulshan.e.Iqbal zone	M/s Kashif Hafeez	995,105
64	Improvement cc drain including RCC slab bak side of Allah Noor aptmnetSaleemacentre Block-07 UC-26 GZ	M/S A.Hafeez Construction Co	995,850
65	Cleaning & deslting of nallah in rain emergency by machinery in different UC Jamshed	M/s Noor Construction & Company	1,996,360
66	Repair/maintenance drain through machine & labour Juma goth Block 10 UC 27 GZ	M/S Shah Enterprises	995,905
67	Repair/maintenance drain through machine & labour Juma goth Block 10 UC 27 GZ	M/S Shah Enterprises	996,430
Total			93,159,079

(4) District Municipal Corporation, South

(Amount in Rupees)

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
1	Claiming of Mirza Ada Khan road drain from zero point to Mirannaka	M/S S.M Builder	EE/B&R/DMC/South/033/2018 dated 01.10.2018	778,799
2	Cleaning of drain at Suleman Azad road drain	M/S S.M Builder	EE/B&R/DMC/South/034/2018 dated 01.10.2018	773,827
3	Cleaning of Juma Baloch road drain i/c maripur service road	M/S Jan Muhammad & Co	EE/B&R/DMC/South/035/2018 dated 01.10.2018	713,020
4	Cleanining of Ghousia Masjid road drain i/c service road	M/S Jan Muhammad & Co	EE/B&R/DMC/South/036/2018 dated 01.10.2018	788,122
5	P/L storm drain infront of	M/S Haram	EE/B&R/DMC/South/180/2018	980,824

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
	Hyper star Khayaban.e.Firdousi Clifton Block # 04	Enterprises	dated 30.05.2018	
6	Repair & maintenance of storm water drain at E-street i/c laying R.C.C roof &R.C.C precast slabs at street # 10 Bathiland UC-29, 30 & 31	M/S Rashid Latif & Co	EE/B&R/DMC/South/58/2020 dated 30.01.2020	1,982,469
7	Improvement of storm water drain including repair & maintenance of footpath infront of Afzal	M/S F.J Construction Co	EE/B&R/DMC/South/102/2019 dated 20.04.2019	991,178
8	P/F precast RCC slabs upon storm water drain located at E- street clifton block-04, i/c missing paver block at beach park footpath block-03 clifton	M/S Ghousia Enterprises	EE/B&R/DMC/South/08/2020 dated 03.02.2020	984,086
9	Repair of wall along nallah near railway bridge railway colony Saddar	M/S S.M Construction & Developer	EE/B&R/DMC/South/94/2019 dated 05.04.2019	994,408
10	Cleaning of nallah near Memon Masjid Karachi Stock exchange &infront of Meriwether tower DMC south	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/006/2017 dated 15.08.2017	990,903
11	Clenaing& desilting of nallah infront of Khalid Dina Hall i/c c.c flooring at setal Das compound & maintenance of foot path insourround area	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/002/2017 dated 15.08.2017	994,344
12	Cleaning/desilting of nallah at civil line towards railway track UC-29	M/S Zargham Enterprises	EE/B&R/DMC/South/45/2017 dated 07.06.2017	991,300
13	De-silting/cleanining of nallah through manually/mechanicallyinfront of Kuwait embassy towards Shah Rasool colony clifton UC-31	M/S Saud Shah	EE/B&R/DMC/South/64/2017 dt 24.11.2017	993,550
14	De-silting of nallah through manually/mechanically in front of Hyper star clifton block 4 UC-31	M/S Saud Shah	EE/B&R/DMC/South/68/2017 dt 24.11.2017	994,050
15	De-silting of nallah through manually/mechanicallyinfront of nabila saloon cliftonblock- 4,	M/S Saud Shah	EE/B&R/DMC/South/60/2017 dt 24.11.2017	990,850

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
16	Cleanining and de-silting of nallah opp. St.Michal school i.c cc flooring block 7 clifton	M/S New A.R Construction & Developers	EE/B&R/DMC/South/55/2017 dt 24.11.2017	991,188
17	Replacement of RCC pre-cast slab/cleaning of nallah from railway dispensary to Mubarkah Masjid	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/52/2017 dt 24.11.2017	994,152
18	De-silting/cleaning of sewerage line at Marwai Lane Saddar	M/S A.R Construction & Developers	EE/B&R/DMC/South/169/2018 dt 30.05.2018	990,210
19	Cleanining of sewerage pipe line by winching at Ahmed Raza Khan Road and Amin road at Hijrat colony UC 29	M/S W.MAssoicates	EE/B&R/DMC/South/51/2018 dt 09.05.2018	996,037
20	Cleaning of sewerage line by winching Bismillah road and railway side road at Hijrat Colony UC-29	M/S New Mahad Construction Co	EE/B&R/DMC/South/150/2018 dt 09.05.2018	994,181
21	De-silting/cleaning of nallah at Bagh.e.Zohar street Jilani centre, Kharadar	M/S Mamdani Builder	EE/B&R/DMC/South/76/2017 dt 24.11.2017	990,607
22	Cleanining/de-silting of of nallah and replacement of RCC pre-cast slabs at city rialway station colony UC-26 Saddar	M/S Rashid Latif & Co	EE/B&R/DMC/South/50/2017 dt 24.11.2017	993,739
23	Cleaning of 36 dia sewerage line by winching machine at TPS police station ICI to MA Jinnah road Baghe.e.Zehra street	M/S Ahmed & Co	EE/B&R/DMC/South/44/2017 dt 07.06.2017	989,516
24	Repairing of RCC culvert of nallah at dhobi ghatt UC-15 Lyari	M/S Haram Enterprises	EE/Lzone/DMC(S)/1395/2018 dt 09.08.2018	997,547
25	Cleanining of sewer line through winching at Agra Taj Joona Masjid Lyari	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/1765/2018 dt 18.01.2019	996,903
26	Cleanining of nallah at Mirza Adam Khan road, Rabani Masjid, Lyari	M/S Haram Enterprises	EE/Lzone/DMC(S)/1392/2018 dt 09.08.2018	997,940
27	Cleanining of 12,15 dia sewerage pipe lines through winching machine at Essa Khan	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/13562018 dt 09.08.2018	998,886
28	Improvement of sewerage system by winching of sewer	M/S Mamdani Builder	EE/Lzone/DMC(S)/1926/2019 dt 08.03.2019	994,877

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
	pipe at Tughlaq lane Lyari			
29	Clenaing /winching t Kumharwara road, hari Masjid road Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1762/2019 dt 28.01.2019	997,939
30	Cleaning/winchng at rexe lane street No. 01 to 06 UC-13 Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1761/2019 dt 28.01.2019	995,695
31	Cleaninig of sewer line through winching at emergency road, lyari general hospital	M/S S.M Builder	EE/Lzone/DMC(S)/1767/2019 dt 28.01.2019	997,174
32	Cleaning/winchng at SaddiqueAkber road, Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1759/2019 dt 28.01.2019	996,233
33	De-silting of covered nallah through manually & mechanically infront of beach park inculding cleaning manholes infront f bin Qasim Park Khayaba.e. Firdousi and Shahrah.e Attar, Clifton, Block-3/4 UC-31	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/041/2018 dt 01.10.2018	998,649
34	Cleaning/desilting of main nallah at HaronabadChali area Saddar	M/S Rashid Latif & Co	EE/B&R/DMC/South/042/2018 dt 01.10.2018	993,905
35	Cleaninig& desilting of nallah behind Sindh Secretariat Akbar road Nallah near Frere market and infront of Sindh assembly	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/043/2018 dt 01.10.2018	996,020
36	Cleaninig/desilting of choking point of storm water drain at KPT gate No. 10 city rilway colony/Karachi stock exchange infront of Edhi centre&Hiralaganatra road nallah Saddar	MM/S Habibullah & Brothers	EE/B&R/DMC/South/037/2018 dt 01.10.2018	746,358
37	Cleaninin/desilting of storm wtaer drain infront of Karachi club to civil lines police quarter KhanaFarhangi and beamount road	M/S W.MAssoicates	EE/B&R/DMC/South/038/2018 dt 01.10.2018	997,538
38	Cleaninin/desilting of storm wtaer drain at Gulshan.e.Faisal, bath island, rati&sourroudingarea UC-30	M/S W.MAssoicates	EE/B&R/DMC/South/039/2018 dt 01.10.2018	997,455
39	Cleaninin/desilting of storm	M/S Askari		998,005

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
	wtaer drain infront of police head quarter near NbaiBux Police station inculding raining of CC wall in Saddar	Enterprises	EE/B&R/DMC/South/40/2018 dt 01.10.2018	
40	Cleanining of sewerage/storm water pipe line i/c supplying of RCC pre-cast slab from Jang press to state bak head office	M/S Rashid Latif & Co	EE/B&R/DMC/South/170/2018 dt 30.05.2018	991,617
41	Cleaninin/desilting of nallah through manually and mechanicals surrounding area UC-31	M/S Rashid Latif & Co	EE/B&R/DMC/South/183/2018 dt 30.05.2018	993,850
42	Cleaninin/desilting of nallah & storm water drain at KMC head office	M/S Al-Siraj Builders	EE/B&R/DMC/South/177/2018 dt 30.05.2018	990,543
43	Cleanining/de-silting of sewerage pipe line by winching at Chand bibi road UC-22 Saddar	M/S Al-Siraj Builders	EE/B&R/DMC/South/25/2018 dt 16.08.2018	991,096
44	Cleanining/de-silting of nallah at bridge colony near Bonary school, Saddar	M/S Habibullah & Brothers	EE/B&R/DMC/South/69/2018 dt 21.12.2018	993,640
45	Cleaning of nallah/replacement of RCC slab at old queens road Saddar	M/S Rashid Latif & Co	EE/B&R/DMC/South/75/2019 dt 05.04.2019	954,477
46	Cleanining/desilting of nallah & storm water drain at Police head quarter light housee MA Jinnah road	M/S New A.R Construction & Developers	EE/B&R/DMC/South/178/2018 dt 30.05.2018	993,480
47	Cleanining/desilting of nallah behind women college Saddar	M/S Sun Shaheen Enterprises	EE/B&R/DMC/South/56/2018 dt 21.12.2018	992,895
48	Cleanining/desilting of nallah near urdu bazar	M/S Rashid Latif & Co	EE/B&R/DMC/South/71/2018 dt 21.12.2018	995,710
49	Cleaning/desilting of nallah infront of Haroon chamber Frere market Saddar	M/S Habibullah & Brothers	EE/B&R/DMC/South/98/2019 dt 29.04.2019	994,295
50	Cleanining of 12, 15 dia sewerage pipe line through winching at Fida Hussain Shaikha road	M/S Peral Engineerin Trading Co	EE/Lzone/DMC(S)/1359/2018 dt 09.08.2018	997,892
51	Cleanining/desilting of sewerage line at Faqir Muhammad Dura Khan road and Islam road Lyari	M/S Haram Enterprises	EE/Lzone/DMC(S)/1595/2018 dt 23.11.2018	996,787

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
52	Cleaning of 12, 15 dia sewerage pipe line through winching machines at Chakiwara No. 02 emergency road, Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1354/2018 dt 09.08.2018	998,905
53	Cleaning of 12, 15 dia sewerage pipe lines through winching machine at Eidgah Jhat Pat Market UC-13, lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1353/2018 dt 09.08.2018	998,504
54	Desalting/cleaning of Suleman Azad road nallah and dhobi ghat nallah in lyari	M/S Ahmed & Co	EE/Lzone/DMC(S)/3145/2020 dt 13.01.2020	1,143,809
55	Cleaning/desilting of sewerage lines at Faqir Muhammad Durra Khan road, Lyari	M/S Rashid Latif & Co	EE/Lzone/DMC(S)/1579/2018 dt 23.11.2018	997,322
56	Cleaning/deilting of sewerage line at emergency road Lyari	M/S Rashid Latif & Co	EE/Lzone/DMC(S)/1578/2018 dt 23.11.2018	995,997
57	Cleaning of 12, 15 dia sewerage pipe lines through winching machine at Tannery road Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/1358/2018 dt 09.08.2018	996,711
58	Cleaning of sewerage pipe line by winching machine at Baghdadi UC-07, Lyari	M/S L.T Builders	EE/Lzone/DMC(S)/627/2017 dt 07.07.2017	972,631
59	Cleaning of sewerage pipe line by winching machine at Shah Baid Lane UC-08 Lyari	M/S L.T Builders	EE/Lzone/DMC(S)/625/2017 dt 07.07.2017	998,059
60	Cleaning of sewerage lines by winching machine at Usman Brohi road Aslam road and Essa Kha Mehrab Khan road Lyari	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/787/2017 dt 24.10.2017	993,692
61	Cleaning of sewerage lines by winching machine at Masjid road Behar colony Lyari	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/987/2018 dt 23.02.2018	831,816
62	Cleaning of sewerage lines by winching machine at Suleman Azad road	M/S S.M Builder	EE/Lzone/DMC(S)/979/2018 dt 23.02.2018	850,242
63	Cleaning of sewerage lines by winching machine at tannery road Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/978/2018 dt 23.02.2018	851,120
64	Cleaning of sewerage lines by winching machine at Kumharwara road Fateh Sehwan road Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/788/2017 dt 24.10.2017	997,418

S. No	Name of work	Name of contractor	Work Order	Gross amount of bill
65	Cleaning of sewerage lines by winching machine at Hanifia Masjid road Lyari	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/784/2017 dt 24.10.2017	971,152
66	Cleaning of sewerage lines by winching machine at Mir Muhammad Baloch road Lyari		EE/Lzone/DMC(S)/992/2018 dt 23.02.2018	998,155
67	Cleaning of sewerage lines by winching machine at Noorani Masjid and Taj Masjid Lyari	M/S S.M Builder	EE/Lzone/DMC(S)/785/2017 dt 24.10.2017	995,852
68	Cleaning of sewerage lines by winching machine at new Kumarwara road	M/S S.M Builder	EE/Lzone/DMC(S)/984/2018 dt 23.02.2018	856,314
69	Cleaning of sewerage lines by winching machine at Chakiwara road i/c pumping station Lyari	M/S Bhatti Enterprises	EE/Lzone/DMC(S)/988/2018 dt 23.02.2018	835,991
70	Cleaning of sewerage lines by winching machine at Shah Walliullah road Lyari	M/S K.Khan& Co	EE/Lzone/DMC(S)/991/2018 dt 23.02.2018	996,497
71	Cleaning of sewerage lines by winching machine at Talpur road Miskeen and Sakins Hotel	M/S S.M Builder	EE/Lzone/DMC(S)/786/2017 dt 24.10.2017	997,945
Total				69,746,898

Annex-5: Loss of KW&SB land earmarked for Sewerage Treatment Plant-IV

(Amount in rupees)

Illegal transfer of Sewerage Treatment Plant-IV land by the Land Utilization Department							
Sr. No.	Description	Area as per valuation table	Area		Category	Commercial open plot per square yard	Present Market Value of land
			Acres	Square Yards			
1	Industrial Zone	Defence	100	484000	A-I	150,000	72,600,000,000
2	Ebad Trust (Mr. Israr-ul-Ebad Khan)		120	580800		150,000	87,120,000,000
3	Flying Club		8	38720		150,000	5,808,000,000
		Total	228	1103520			165,528,000,000

Annex-6: Doubtful expenditure on garbage lifting - Rs305.214 million

(Amount in Rupees)

S. No	Description	Name of Contractor	Date	Cheque No	Amount
1	Annual contract for garbage lifting 1/6/2017 to 15/06/2017 22nd running	Al khalid agencies for waste management	20/08/2017	20767150	1,929,281
2	Annual contract for garbage lifting 16/6/2017 to 30/06/2017 23rd running	Al khalid agencies for waste management	20/08/2017	20767150	1,766,936
3	Annual contract for lifting of garbage korangi zone 24th 15-06-2017 to 30-06-2019 running	Tauqeerent	13/09/2017	20890429	3,385,926
4	Annual contract for lifting of garbage korangi zone 25th 1-07-2017 to 15-07-2019 running	Tauqeerent	13/09/2017	18796232	3,531,340
5	Annual contract for lifting of garbage korangi zone 26th 16-07-2017 to 31-07-2019 running	Tauqeerent	13/09/2017	18786232	3,638,441
6	Annual contract for lifting of garbage 01/07/2017 to 24-07-2017 24th running bill	Al khalid agencies for solid waste management	21/09/2017	18786206	3,055,464
7	Annual contract for lifting of garbage landhi zone 2th running bill 28/04/2017 to 18/05/2017	Astrotech international	10/09/2017	20890486	5,009,365
8	Annual contract for lifting of garbage 21st running bill 19-05-2017 to 01-06-2017	Astrotech international	10/09/2017	20890486	3,276,686
9	Lifting of garbage from uc-1 dustbin site market places rounabout to gts from gts to landhi	Al khalid agencies	27/10/2017	18825838	998,400
10	Lifting of garbage from uc-2 dustbin site market places rounabout to gts from gts to landhi	Al khalid agencies	27/10/2017	18825838	998,400
11	Lifting of garbage from uc-3 dustbin site market places rounabout to gts from gts to landhi	Al khalid agencies	27/10/2017	18825838	997,889
12	Lifting of garbage from uc-4 dustbin site market places rounabout to gts from gts to landhi	Task associates	27/10/2017	18825839	990,896
13	Lifting of garbage from uc-5 dustbin site market places rounabout to gts from gts to landhi	Task associates	27/10/2017	18825839	998,400

S. No	Description	Name of Contractor	Date	Cheque No	Amount
14	Lifting of garbage from uc-6 dustbin site market places rounabout to gts from gts to landhi	Task associates	27/10/2017	18825839	977,813
15	Annual contract for lifting of garbage korangi zone 01-01-2017 to 15-01-2017	Tauqeerent	27/10/2017	18825842	3,502,524
16	Annual contract for lifting of garbage korangi zone 16-01-2017 to 31-01-2017	Tauqeerent	27/10/2017	18825842	3,381,872
17	Annual contract for lifting of garabge from gtsbehingdazeempura	Al khalid agencies	20/11/201	21875455	2,253,466
18	Lifting of garbage solid waste of uc-09 in shah faisal zone	Al khalidahencies	28/11/2017	22085303	99,076
19	Lifting of garbage solid waste dept uc-12 shah faisal zone	Al khalidahencies	28/11/2017	22085303	97,600
20	Lifting of garbage solid waste dept uc-08 in shah faisalzo	Al khalidahencies	28/11/2017	22085303	98,947
21	Annual contract of lifting of garbage for gts to land fill site deth jam chakro shah faisal zone	Al khalidahencies	29/11/2017	22085305	2,671,952
22	Lifting of garbage solid waste from uc-14 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	109,440
23	Lifting of garbage solid waste from uc-12 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	99,402
24	Lifting of garbage solid waste from uc-09 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	98,325
25	Lifting of garbage solid waste from uc-07 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	100,472
26	Lifting of garbage solid waste from uc-07 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	88,870
27	Lifting of garbage solid waste from uc-12 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	94,846

S. No	Description	Name of Contractor	Date	Cheque No	Amount
28	Lifting of garbage solid waste from uc-09 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	94,457
29	Lifting of garbage solid waste from uc-09 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	103,613
30	Lifting of garbage solid waste from uc-11 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	99,843
31	Lifting of garbage solid waste from uc-11 to gts land fill site at deh jam chakro oct 2017 shah faisal zone	Al noor builder	12/12/2017	21656613	109,612
32	Lifting of garbage from uc-13 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	107,346
33	Lifting of garbage from uc-12 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	98,602
34	Lifting of garbage from uc-10 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	94,568
35	Lifting of garbage from uc-14 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	94,301
36	Lifting of garbage from uc-08 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	98,833
37	Lifting of garbage from uc-09 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	84,822
38	Lifting of garbage from uc-07 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	84,980
39	Lifting of garbage from uc-08 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	101,108

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	zone				
40	Lifting of garbage from uc-08 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	95,886
41	Lifting of garbage from uc-10 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	109,836
42	Lifting of garbage from uc-16 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	78,123
43	Lifting of garbage from uc-15 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	56,428
44	Lifting of garbage from uc-17 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	88,135
45	Lifting of garbage from uc-18 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	75,843
46	Lifting of garbage from uc-11 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	97,390
47	Lifting of garbage from uc-09 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	97,900
48	Lifting of garbage from uc-08 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	68,644
49	Lifting of garbage from uc-10 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	104,324
50	Lifting of garbage from uc-07 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	76,558
51	Lifting of garbage from uc-11 to	Al noor builder	15/12/2017	21941775	98,452

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	gts land fill site at deh jam chakro sep-2017 shah faisal zone				
52	Lifting of garbage from uc-10 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	99,342
53	Lifting of garbage from uc-14 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	96,844
54	Lifting of garbage from uc-13 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	78,338
55	Lifting of garbage from uc-08 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	101,204
56	Lifting of garbage from uc-09 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	90,712
57	Lifting of garbage from uc-07 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	98,746
58	Lifting of garbage from uc-13 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	109,935
59	Lifting of garbage from uc-12 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	100,793
60	Lifting of garbage from uc-10 to gts land fill site at deh jam chakro sep-2017 shah faisal zone	Al noor builder	15/12/2017	21941775	34,035
61	Annual lifting of garbage gts behind azeempuradmckorangi	Task associates	19/12/2017	22085337	2,334,324
62	Lifting of garbage from uc-02 dustbin to market places routinegts sep-2017	Task associates	19/12/2017	22085340	93,017
63	Lifting of garbage from uc-02 dustbin to market places routinegts sep-2017	Task associates	19/12/2017	22085340	66,822

S. No	Description	Name of Contractor	Date	Cheque No	Amount
64	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,960
65	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	89,733
66	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	98,574
67	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	96,086
68	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,876
69	Lifting of garbage from uc-04 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	97,598
70	Lifting of garbage from uc-04 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,855
71	Lifting of garbage from uc-04 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	96,611
72	Lifting of garbage from uc-06 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	97,188
73	Lifting of garbage from uc-05 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,729
74	Lifting of garbage from uc-01 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	17,456
75	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,813
76	Lifting of garbage from uc-02 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,939
77	Lifting of garbage from uc-02 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	98,480
78	Lifting of garbage from uc-02 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,719
79	Lifting of garbage from uc-01	Task associates	19/12/2017	22085340	81,576

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	dustbin to market places routlinegts sep-2017				
80	Lifting of garbage from uc-01 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,971
81	Lifting of garbage from uc-01 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	96,023
82	Lifting of garbage from uc-01 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	88,379
83	Lifting of garbage from uc-01 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,047
84	Lifting of garbage from uc-02 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	94,595
85	Lifting of garbage from uc-03 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,568
86	Lifting of garbage from uc-05 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,750
87	Lifting of garbage from uc-06 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,992
88	Lifting of garbage from uc-06 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	98,564
89	Lifting of garbage from uc-05 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,929
90	Lifting of garbage from uc-04 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	56,574
91	Lifting of garbage from uc-06 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,807
92	Lifting of garbage from uc-05 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	96,813
93	Lifting of garbage from uc-04 dustbin to market places routlinegts sep-2017	Task associates	19/12/2017	22085340	99,908
94	Lifting of garbage from uc-05 dustbin to market places	Al khalid agencies	19/12/2017	22085341	99,965

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	routinegts sep-2017				
95	Lifting of garbage from uc-06 dustbin to market places routinegts sep-2017	Al khalid agencies	19/12/2017	22085341	99,750
96	Lifting of garbage from 04 dustbin to market places routinegts sep-2017	Al khalid agencies	19/12/2017	22085341	99,812
97	lifting of garbage from dustbin to market places routinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	94,563
98	lifting of garbage from dustbin to market places routinegts sep-2017 uc 5	Al khalid agencies	19/12/2017	22085341	94,857
99	lifting of garbage from dustbin to market places routinegts sep-2017 uc 5	Al khalid agencies	19/12/2017	22085341	94,815
100	lifting of garbage from dustbin to market places routinegts sep-2017 uc 5	Al khalid agencies	19/12/2017	22085341	99,876
101	lifting of garbage from dustbin to market places routinegts sep-2017 uc 5	Al khalid agencies	19/12/2017	22085341	99,960
102	lifting of garbage from dustbin to market places routinegts sep-2017 uc 5	Al khalid agencies	19/12/2017	22085341	99,803
103	lifting of garbage from dustbin to market places routinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	98,543
104	lifting of garbage from dustbin to market places routinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	99,908
105	lifting of garbage from dustbin to market places routinegts sep-2017 uc 1	Al khalid agencies	19/12/2017	22085341	96,285
106	lifting of garbage from dustbin to market places routinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	98,387
107	lifting of garbage from dustbin to market places routinegts sep-2017 uc 04	Al khalid agencies	19/12/2017	22085341	99,908
108	lifting of garbage from dustbin to market places routinegts sep-2017 uc 02	Al khalid agencies	19/12/2017	22085341	99,855
109	lifting of garbage from dustbin to market places routinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	99,960

S. No	Description	Name of Contractor	Date	Cheque No	Amount
110	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	99,634
111	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	98,196
112	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-06	Al khalid agencies	19/12/2017	22085341	97,787
113	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	92,379
114	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	99,750
115	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-06	Al khalid agencies	19/12/2017	22085341	99,897
116	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-06	Al khalid agencies	19/12/2017	22085341	99,015
117	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	99,855
118	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	76,692
119	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	99,970
120	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-06	Al khalid agencies	19/12/2017	22085341	99,926
121	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	99,509
122	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	99,645
123	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-05	Al khalid agencies	19/12/2017	22085341	44,153
124	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-05	Al khalid agencies	19/12/2017	22085341	93,650
125	lifting of garbage from dustbin	Al khalid agencies	19/12/2017	22085341	96,821

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	to market places routlinegts sep-2017 uc-06				
126	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	98,543
127	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	99,855
128	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-06	Al khalid agencies	19/12/2017	22085341	96,222
129	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-05	Al khalid agencies	19/12/2017	22085341	86,993
130	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-05	Al khalid agencies	19/12/2017	22085341	98,795
131	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	98,165
132	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	96,253
133	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	98,259
134	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	99,855
135	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	97,566
136	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	99,971
137	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	99,949
138	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-02	Al khalid agencies	19/12/2017	22085341	99,729
139	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-03	Al khalid agencies	19/12/2017	22085341	99,992
140	lifting of garbage from dustbin to market places routlinegts sep-	Al khalid agencies	19/12/2017	22085341	99,959

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	2017 uc-03				
141	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-01	Al khalid agencies	19/12/2017	22085341	99,750
142	lifting of garbage from dustbin to market places routlinegts sep-2017 uc-04	Al khalid agencies	19/12/2017	22085341	99,855
143	Annual contract of lifting of garbage from 10000 quatar of korangi 01/08/2017 to 15/08/2017	Tauqeerent	19/12/2017	21951476	3,511,341
144	Annual contract of lifting of garbage from 10000 quatar of korangi 16/08/2017 to 31/08/2017	Tauqeerent	19/12/2017	21951476	3,201,077
145	Lifting of garbage from various model zone us'dustbin site market places rounabout to gts& from gts to land fill at deh jam chakoro oct 2017	Task associates	20/01/2018	21875581	3,026,693
146	Lifting of garbagruc 1 to 06 uc different site market places 01/11/2017 to 15/11/2017 model zone	Task associates	02/06/2018	22684154	2,797,849
147	Lifting of garbagruc 1 to 06 uc different site market places 06/11/2017 to 30/11/2017 model zone 2nd running bill	Task associates	02/06/2018	22684154	2,330,286
148	Lifting of garbagruc 1 to 06 uc different site market places 01/12/2017 to 05/12/2017 model zone 3rd running bill	Task associates	02/06/2018	22684154	1,556,772
149	Lifting of garbagruc 1 to 06 uc different site market places 16/12/2017 to 31/12/2017 model zone 4th running bill	Task associates	02/06/2018	22684154	2,730,704
150	Lifting of garbage solid waste dept in landhi zone different uc's oct 2017	Astrotech international	02/06/2018	22684155	1,232,110
151	Lifting of garbage solid waste dept in landhi zone different uc's oct 2017	Astrotech international	02/06/2018	22684156	1,252,720
152	Lifting of garbage from uc 01 dustbin site market places model zone rounabout to gts and from gts	Astrotech international	1302/2018	21875589	990,896

S. No	Description	Name of Contractor	Date	Cheque No	Amount
153	Annual contract for lifting of garbage from karbal ground landhi zone 2/06/2017 to 15/06/2017	Astrotech international	13/02/2018	21875590	2,183,043
154	Lifting of garbage solid waste dept in shah faisal zone various uc's to land fill to site deh jam chako	Al noor builder	13/02/2018	22085374	2,180,364
155	Lifting of garbage solid waste dept various uc's in landhi zone	Astrotech international	03/05/2018	22854531	2,545,045
156	Annual contract for garbage lifting from 100 quarter of korangi zone 01/09/2017 to 15/09/2017	Tauqeerent	03/05/2018	22854558	3,071,478
157	Annual contract for garbage lifting from 100 quarter of korangi zone 16/09/2017 to 30/09/2017	Tauqeerent	03/05/2018	22854558	3,547,609
158	Annual contract for garbage lifting from 100 quarter of korangi zone 01/10/2017 to 15/10/2017	Tauqeerent	03/05/2018	22854558	3,411,010
159	Annual contract for garbage lifting from 100 quarter of korangi zone 16/10/2017 to 31/10/2017	Tauqeerent	03/05/2018	22854558	3,667,492
160	Lifring of garbage various uc's in sahafaisal zone dec-2017	Al noor builder	03/06/2018	22854565	3,915,296
161	Annual contract for lifting of garbage from uc 01to uc06 01/01/2018 to 15/01/2018 5th running bill	Task associates	03/06/2018	22854575	2,290,503
162	Annual contract for lifting of garbage from uc 01to uc06 16/01/2018 to 31/01/2018 6th running bill model zone	Task associates	03/06/2018	22854575	3,552,328
163	Annual contract for lifting of garabge from landhi zone 16/06/2017 to 30/06/2017	Astrotech international	14/03/2018	23154527	2,706,559
164	Annual contract for lifting of garabge from korangi zone 01/01/2017 to 15/01/2017 13th running bill	Tauqeerent	04/06/2018	23154569	3,150,704
165	Annual contract for lifting of garabge from korangi zone 16/01/2017 to 31/01/2017 14th running bill	Tauqeerent	04/06/2018	23154569	3,299,404

S. No	Description	Name of Contractor	Date	Cheque No	Amount
166	Annual contract for lifting & transportatin from uc1 to uc-06 model zone 01/02/2018 to 15/02/2018	Task associates	04/10/2018	23154582	3,064,087
167	Annual contract for lifting & transportatin from uc1 to uc-06 model zone 16/02/2018 to 28/02/2018 8th running bill	Task associates	04/10/2018	23154582	2,450,621
168	Annual contract for lifting & transportatinlandhi zone 01/03/2018 to 15/03/2018	Astrotech international	04/10/2018	23154583	2,979,854
169	Annual contract for lifting & transportatinlandhi zone 01/03/2018 to 15/03/2018	Astrotech international	04/10/2018	23154583	3,028,574
170	Annual contract of lifting of garbage & transportation uc-01 to uc-06 malir model zone 01-03-2018 to 15-03-2018	Task associates	18/05/2018	23154625	3,772,629
171	Annual contract of lifting of garbage & transportation uc-01 to uc-06 malir model zone 16-03-2018 to 31-03-2018	Task associates	18/05/2018	23154625	3,102,441
172	Lifting of garbage solid waste dept various uc's in shah faisal zone jan-2018	Al noor builder	18/05/2018	22379878	4,560,914
173	Annual contract of lifting of garbage from gts to azeempura to land fill side deh jam chakro 16-04-2018 to30-04-2019 6t h running bill	Astrotech int	07/09/2018	23829324	2,203,397
174	Annual contract of lifting of garbage from gts to azeempura to land fill side deh jam chakro 01-04-2018 to15-04-2019 6th running bill	Astrotech int	07/09/2018	23829324	2,267,637
175	Annual contract of lifting of garbage from shah faisal deh jam chakro 01-03-2018 to15-03-2014 3rd running bill	Al noor builder	07/09/2018	24290216	2,219,051
176	Annual contract of lifting of garbage from shah faisal deh jam chakro 16-03-2018 to 31-03-2018 4th running bill	Al noor builder	07/09/2018	24290216	3,474,373
177	Annual contract of lifting of garbage from shah faisal deh jam chakro 01-04-2018 to15-04-2018 5th running bill	Al noor builder	07/09/2018	24290219	2,114,637

S. No	Description	Name of Contractor	Date	Cheque No	Amount
178	Annual contract of lifting of garbage of korangi zone to land fill jam chakro 16-3-2018 to 31/03/2018	Tauqeerent	07/09/2018	24290226	2,372,324
179	Annual contract of lifting of garbage of korangi zone to land fill jam chakro 01-3-2018 to 15/03/2018	Tauqeerent	07/09/2018	24290226	2,042,311
180	Annual contract of lifting of garbage of korangi zone to land fill jam chakro 01-12-2017 to 15/12/2017 to 16/07/2017 to 31/12/2017	Tauqeerent	30/07/2018	19199848	4,338,991
181	Annual contract of lifting of garbage of korangi zone to land fill jam chakro 01-4-2018 to 15/04/2018	Tauqeerent	08/06/2018	21875644	2,349,836
182	Annual contract of lifting of garbage of korangi zone to land fill jam chakro 01-4-2018 to 15/04/2018	Task associates	08/06/2018	22379930	1,720,434
183	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 06-05-2018 to 31-05-2018 8th running bill	Al noor builder	08/08/2018	22379939	3,296,585
184	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 01-07-2018 to 15-07-2018 11th running bill	Al noor builder	08/09/2018	21875478	1,287,960
185	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 01-07-2018 to 15-07-2018 11th running bill	Al noor builder	08/09/2018	20312012	1,500,708
186	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 01-06-2018 to 15-06-2018	Al noor builder	15/08/2018	18053347	2,134,159
187	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 01-06-2018 to 15-06-2018 part pay	Al noor builder	15/08/2018	24290303	1,200,000
188	Annual contract for lifting &	Task associates	17/08/2018	24290309	3,603,495

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	transportation from uc's model zone 16/05/2018 to 31/05/2018				
189	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 16-05-2018 to 31-05-2018	Tauqeerent	17/08/2018	24290310	2,694,939
190	Annual contract for lifting of garbage from karbala ground landhi zone to deh jam chakro one year	Astrotech int	17/08/2018	24290311	1,732,798
191	Annual contract for lifting of garbage from karbala ground landhi zone to deh jam chakro one year	Astrotech int	17/08/2018	24290311	1,739,902
192	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro	Al noor builder	20/08/2018	24576273	3,060,710
193	Annual contract for lifting of garbage landhi zone to land fill deh jam chakro one year period	Astrotech int	09/07/2018	24576337	1,583,305
194	Annual contract of lifting of garbage from shah faisalt.sazeempura graveyard to deh jam chakro 16-07-2018 to 31-07-2018 12th running bill	Al noor builder	09/12/2018	22509531	3,083,551
195	Annual contract for lifting of garbage from karbala ground landhi zone to deh jam chakro 16/07/2018 to 31/07/2018	Astrotech int	13/09/2018	22509553	1,710,639
196	Annual contract for lifting of garbage from karbala ground landhi zone to deh jam chakro 07/08/2018 to 15/08/2018	Astrotech int	13/09/2018	22509553	1,291,208
197	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 01-12-2017 to 15-12-2017	Tauqeerent	13/09/2018	22509560	1,506,270
198	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 16-11-2017 to 30-11-2017	Tauqeerent	13/09/2018	22509560	761,000
199	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 01-05-2018 to 15-05-2018	Tauqeerent	13/09/2018	22509560	2,338,182

S. No	Description	Name of Contractor	Date	Cheque No	Amount
200	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 16-01-2018 to 31-01-2018	Tauqeerent	10/09/2018	22509593	2,239,047
201	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 01-06-2018 to 15-06-2018	Tauqeerent	10/09/2018	22509593	2,306,132
202	Aaunal contract for lifting & transportation of garbage from model destbin site to deh jam chakro	Task associates	10/10/2018	22509619	3,299,990
203	Aaunal contract for lifting of garbage from model destbin site to deh jam chakro 01-05-2018 to 15-05-2018	Task associates	10/10/2018	22509619	3,471,520
204	Annula contract for lifting of garbage from karbala ground to land fill site deh jam chakrolandhi zone	Astrotech int	10/10/2018	22085386	2,243,108
205	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 1-09-2018 to 15-09-2018	Al noor builder	16/10/2018	23019765	2,271,880
206	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 26-08-2018 to 31-08-2018	Al noor builder	16/10/2018	23019765	738,545
207	Annual contract of lifting of garbage from shah faisalazeempura graveyard to deh jam chakro 01-08-2018 to 05-08-2018	Al noor builder	16/10/2018	23019769	3,299,107
208	Annual contract for lifting of garbage from uc 1 to uc 06 model malirzne 01/07/2018 to 15/07/2018 17th running bill	Task associates	11/08/2018	22853240	2,605,523
209	Annual contract for lifting of garbage from gts behind azeempuragarveyardshahfaisal zone 01/10/2018 to 15/10/2018	Al noor builder	11/08/2018	22853241	2,025,631
210	Annual contract for lifting of garbage karbala ground landhi zone 01-09-2018 to 15-09-2018 13th running bill	Astrotechinternational	11/08/2018	22853242	2,140,302

S. No	Description	Name of Contractor	Date	Cheque No	Amount
211	Annual contract for lifting of garbage korangi zone to deh jam chakro 1-7-2018 to 15-07-2018 17th running bill 16-07-2018 to 31-07-2018 18 th running bill	Tauqeerent	11/08/2018	22853243	3,208,303
212	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 16-01-2018 to 31-01-2018	Tauqeerent	11/08/2018	22853243	1,050,870
213	Annual contract for lifting of garbage from 100 quartar to korangi zone to land fill site deh jam 16-01-2018 to 31-01-2018	Tauqeerent	11/08/2018	22853243	1,914,163
214	Lifting of garbage from karbala ground landhi zone to and fill site at jam chakro 01/10/2018 to 15/10/2018	Astrotech int	19/11/2018	19199853	2,014,765
215	Lifting of garbage from karbala ground landhi zone to and fill site at jam chakro 16/10/2018 to 31/10/2018	Astrotech int	12/10/2018	23019801	1,683,454
216	Lifting of garbage from karbala ground landhi zone to and fill site at jam chakro 17/09/2018 to 29/09/2018	Astrotech int	18/12/2018	22853258	1,516,888
217	Annual sontract lifting transportation uc-01 to uc-06 model zone dustbin market rounaboutgts 16-06-2018 to 30-06-2015 15th running bill	Task associates	18/12/2018	22853269	1,000,000
218	Annual sontract lifting transportation uc-01 to uc-06 model zone dustbin market rounaboutgts 16-06-2018 to 30-06-2015 15th running bill	Task associates	18/12/2018	22853270	1,989,991
219	Annual contract lifting of garbage 100 quarter deh jam chakro 16/12/2018 to 31/12/2018	Tauqeerent	18/12/2018	22139228	1,506,270
220	Lifting of gabrabge from karbale ground landhi zone period 01-11-2018 to 15-11-2018	Astrotech int	01/09/2019	22853276	1,504,384
221	Lifitng of garbage from trnsnsportationazeempura graveyard shah faisal zone 16-10-2018 to 31-10-2018	Al noor builder	01/09/2019	22853277	1,920,871
222	Lifting of garbage from 100	Tauqererent	01/09/2019	22853278	1,956,750

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	quarter of korangi zone 01-10-2018 to 15-10-2018				
223	Annual contract of lifting of garbage from krabal ground 01-12-2018 to 15-12-2018 landhi zone	Astrotech int	16/01/2019	19758641	1,283,391
224	Lifting of garbage karbala ground 01-11-2018 to 15-11-2018 landhi zone	Astrotech int	02/11/2019	21836754	1,482,331
225	Lifting of garbage 01-11-2018 to 15-11-2018 shah faisal zone part payment	Al noor builder	18/02/2019	23019815	1,500,000
226	Lifting of garbage 16-11-2018 to 30-11-2018 landhi zone 1st part payment	Astrotech int	18/02/2019	22139244	782,331
227	Lifting of garbage 16-11-2018 to 30-11-2018 landhi zone 2nd part payment	Astrotech int	18/02/2019	21836758	700,000
228	Annual contract lifting of garbage 17-12-2018 to 31-12-2018	Astrotech int	21/02/2019	22853308	1,883,746
229	Lifting of garbage transportation azeempura 01-11-2018 to 15-11-2018	Al noor builder	21/02/2019	22853317	1,202,170
230	Lifting of garbage for 100 quarter 16-08-2018 to 31-08-2018 kkorangi zone	Tauqeerent	03/04/2019	22139247	2,161,755
231	Annual contract lifting of garbage azeempura 16-11-2018 to 30-11-2018	Al noor builder	03/06/2019	22139262	1,000,000
232	Lifting of garbage for 100 quarter 16-08-2018 to 31-08-2018 korangi zone	Tauqeerent	03/06/2019	22139263	1,000,000
233	Annual contract lifting of garbage from karbala ground landhi zone 16-01-2019 to 31-01-2019	Astrotech int	29/03/2019	21656665	835,198
234	Annual contract for lifting of garbage transfer station behind azeempura ground shah faisal zone 16/11/2018 to 30/11/2018	Al noor builder	04/10/2019	22139269	1,119,163
235	Annual contract for lifting of garbage transfer station behind azeempura ground shah faisal zone 01/01/2019 to 15/01/2019	Al noor builder	04/10/2019	22139269	1,500,000
236	Annual contract lifting of	Astrotech int	04/10/2019	22139270	1,435,310

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	garbage from karbala ground landhi zone 16-01-2019 to 31-01-2019				
237	Lifting of garbage from gts behind azeempuragarveyard of shah faisal zone period 16/12/2018 to 31/12/2018	Al noor builder	30/04/2019	23534433	3,455,080
238	Lifting of garbage from 100 quarter korangi zone period 01/09/2018 to 15/09/2018 & 16/09/2019	Tauqeerent	30/04/2019	23534437	3,756,245
239	Annual contract lifting of garbage 100 quarter korangi zone 1-11-2018 to 15-11-2018	Tauqeerent	28/06/2019	24485183	1,000,000
240	Balance amount work of annual contract lifting garbage from karbala ground 1-3-19 to 24-03-2019	Astrotech international	08/08/2019	260	1,700,000
241	Balance amount work of annual contract lifting garbage from karbala ground 1-3-19 to 24-03-2019	Astrotech international	08/08/2019	260	1,518,859
242	R/m off diff type garbage lifting vehicles of landhi zone	Tri star trading corporatin	27/08/2019	320	99,000
243	Garbage lifting from azeempuragaraveyard to deh chalo-1-2-2019 to 15-2019	Al noor builder	09/11/2019	311	3,041,762
244	Garbage lifting 100 quarter 16-11-2018 to 16-11-2018 korangi zone	Tauqeerent	23/09/2019	330	2,028,869
245	Garbage lifting from 100 quate 1-11-2018 to 15-11-2018 deh jam korangi	Tauqeerent	09/11/2019	394	801,762
246	Garbage lifting from uc-32 to 37 ucgts to land fill korangi	Astrotech int	10/04/2019	9	3,059,345
247	Garbage lifting form azeempuragarveyard 16-2-2019 to 28-02	Al noor builder	29/10/2019	356	1,821,424
248	Agarabge lifting azeempura to chakro 1-3-2019 to 15-03-2019 shah faisal	Al noor builder	29/10/2019	357	485,560
249	Lifting of garbage karbala ground to deh jam chakro one year period landhi	Astrotechent	11/04/2019	2	2,014,764
250	Garbage lifting transportation uc-1 to uc-6 dustbin 16-07-2018	Task associates	11/06/2019	4	1,487,774

S. No	Description	Name of Contractor	Date	Cheque No	Amount
	to 31-7-2018 model				
251	Garbage lifting from karbala ground 16-02-2019 to 28/02/2019	Astrotech int	11/11/2016	41	1,173,772
252	Garbage lifting from karbalagorund to land fill site landhi zone	Astrotech int	13/11/2019	240	2,140,302
253	Garbage lifting uc-32 to uc-371 gts to land fill korangi	Astrotech int	18/11/2019	267	485,231
254	Garbage lifting uc-1 to uc-6 gts to land fill model zone	Astrotech int	18/11/2019	268	1,432,269
255	Tractor attachment garbage contain sanitation system shah faisal zone	Karsaz pvt	22/11/2019	373	500,000
256	Reflection of minor defect garbage laying machine solid waste landhi zone	F&dent	22/11/2019	377	99,000
257	Garbage lifting azeempura to jam chakro 31-3-2019- to 16-3-2019	Al noor builder	25/11/2019	391	1,987,748
258	Tractro/portable garbage omp of sanitation system shah faisal model zones	Karsaz pvt ltd	13/12/2019	248	500,000
259	Garbage lifting transportation uc-1 to uc-6 model zone dustbin 16-7-2018 to 31-07-2018	Task associates	13/12/2019	251	2,774,245
				Total	305,214,400

**Annex-7: Loss to government due to unauthorized revision of cost of works
already awarded - Rs 1.361 million**

(Amount in Rupees)

S. No	Name of Work	Name of Contractor	Sanctioned Cost	Addition of 10% SRB Tax	Total Revised Cost
1	Cleaning / winching at sadiqueakber road lyari DMC South	M/s. S.M. Builders	907,766	90,777	998,543
2	Cleaning / winching at shanshaikhalakot haji pitcher road islam road lyari DMC South	M/s. Bhatti Enterprises	907,399	90,740	998,139
3	Cleaning / winching at rexr lane street no 01 to 06, UC-13, lyari DMC South	M/s. S.M. Builders	907,837	90,784	998,621
4	Cleaning / winching at new kumharwara road harimsjid road lyari DMC South	M/s. S.M. Builders	907,217	90,722	997,939
5	Improvement / maintenance patched at infront of rabani masjid UC-12 road lyari DMC south	M/s. S.M. Builders	908,162	90,816	998,978
6	Improvement / maintenance patched at mirza adam khan road infront of tennery road lyari DMC south	M/s. Ahmed & Co.	907,886	90,789	998,675
7	Cleaning of sewer line through winching at agratajjoona masjid lyari DMC south	M/s. Bhatti Enterprises	907,462	90,746	998,208
8	Cleaning of sewer line through winching at mirza adam khan road lyari DMC south	M/s. Bhatti Enterprises	908,021	90,802	998,823
9	Cleaning of sewer line through winching at emergency road lyari general hospital DMC south	M/s. S.M. Builders	906,621	90,662	997,283
10	Cleaning of sewer line through winching at soomramuhallah pumping station market lyari DMC south	M/s. S.M. Builders	908,044	90,804	998,848
11	P/laying aggregate base course at different roads of lyari DMC south	M/s. New Asif Enterprises	905,009	90,501	995,510
12	Improvement of streets by CC flooring in different areas of UC-2 lyari DMC south	M/s. New Asif Enterprises	907,777	90,778	998,555
13	Improvement / repairing sewerage line 12" dia& 9" dia at UC-14 lyari DMC south	M/s. Haram Enterprises	905,858	90,586	996,444
14	Improvement / repairing CC streets at noorani colony lyari DMC south	M/s. New Asif Enterprises	908,035	90,804	998,839
15	Improvement / repairing CC streets at UC-15 lyari DMC south	M/s. New Asif Enterprises	907,728	90,773	998,501
Total			13,610,822	1,361,082	14,971,904

Annex-8: Splitting up of work orders for cleaning of storm water drains to avoid open tender - Rs1.680 million

(Amount in rupees)

Splitting up work orders to avoid tender process				
W.O No.	Date	Name of Work	Name of Firm	Amount
249	23-12-2019	Cleaning of Storm Water Drain at 5100 road along Sector 11-L & 11-K in UC No.05, New Karachi Zone, DMC Central	M/s Mehdi Construction Co.	99,587
252	13-01-2020	Cleaning of Storm Water Drain at 4000 road from 5000 road to 5200 road in UC No.08, New Karachi Zone, DMC Central	M/s M.F Construction Co.	99,946
253	13-01-2020	Cleaning of Storm Water Drain at 5000 road along Sector 11-A from B.B.Brost to 2400 road in UC No.02, New Karachi Zone, DMC Central	M/s A.V Brothers	99,444
255	13-01-2020	Cleaning of Storm Water Drain at 4200 road along Sector 5-B/3 from 3100 road to LS-131 in UC No.02, New Karachi Zone, DMC Central	M/s Hussaini Construction Co.	99,444
256	13-01-2020	Cleaning of Storm Water Drain at 4200 road along Sector 5-B/3 from Street No.12 to 5000 in UC No.02, New Karachi Zone, DMC Central	M/s A.V Brothers	99,444
257	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 11-G, from 2000 road to B-22, in UC No.13, New Karachi Zone, DMC Central	M/s M.F Construction Co.	98,385
258	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 11-G, from 2000 road to B-22 in UC No.13, New Karachi Zone, DMC Central	M/s A.K Construction Co.	98,385
259	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 11-G, from A-321 to 2300 road in UC No.13, New Karachi Zone, DMC Central	M/s Hussaini Construction Co.	98,385
261	13-01-2020	Cleaning of Storm Water Drain at 4400 road along Sector 5-A/4, from Street No.06 to LS-70 in UC No.13, New Karachi Zone, DMC Central	M/s Construction World	98,385
262	13-01-2020	Cleaning of Storm Water Drain at 4400 road along Sector 5-A-4, from LS-17 to Street No.15 in UC No.01, New Karachi Zone, DMC Central	M/s A.K Construction Co.	99,444
263	13-01-2020	Cleaning of Storm Water Drain at 5000	M/s A.V Brothers	98,385

(Amount in rupees)

Splitting up work orders to avoid tender process				
W.O No.	Date	Name of Work	Name of Firm	Amount
		road along Sector 11-K, in UC No.05, New Karachi Zone, DMC Central		
264	13-01-2020	Cleaning of Storm Water Drain at 3000 road, from 2400 road to 4000 road in UC No.15, New Karachi Zone, DMC Central	M/s A.K Construction Co.	98,725
267	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 11-F, from Mujeeb-un-Nisa Secondary School to Block No.84 in UC No.12, New Karachi Zone, DMC Central	M/s M.F Construction Co.	98,385
268	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 11-F, from Block No.102 to 4000 road in UC No.12, New Karachi Zone, DMC Central	M/s Mehdi Construction Co.	98,385
269	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector 5-G, from 4000 road Madina Stop in UC No.11, New Karachi Zone, DMC Central	M/s A.K Construction Co.	98,385
270	13-01-2020	Cleaning of Storm Water Drain at 7000 road along Sector M-F, from D-K Morr to 6000 road in UC No.10, New Karachi Zone, DMC Central	M/s A.K Construction Co.	98,385
271	13-01-2020	Cleaning of Storm Water Drain at 4400 road along Sector 5-D, from 5200 road to 5000 road in UC No.09, New Karachi Zone, DMC Central	M/s Mehdi Construction Co.	98,385
			Total	1,679,884

Annex-9: Unjustified expenditure on account of Health & Sanitation Department beyond jurisdiction – Rs945.845 million

(1) DMC Malir (OM # 2)

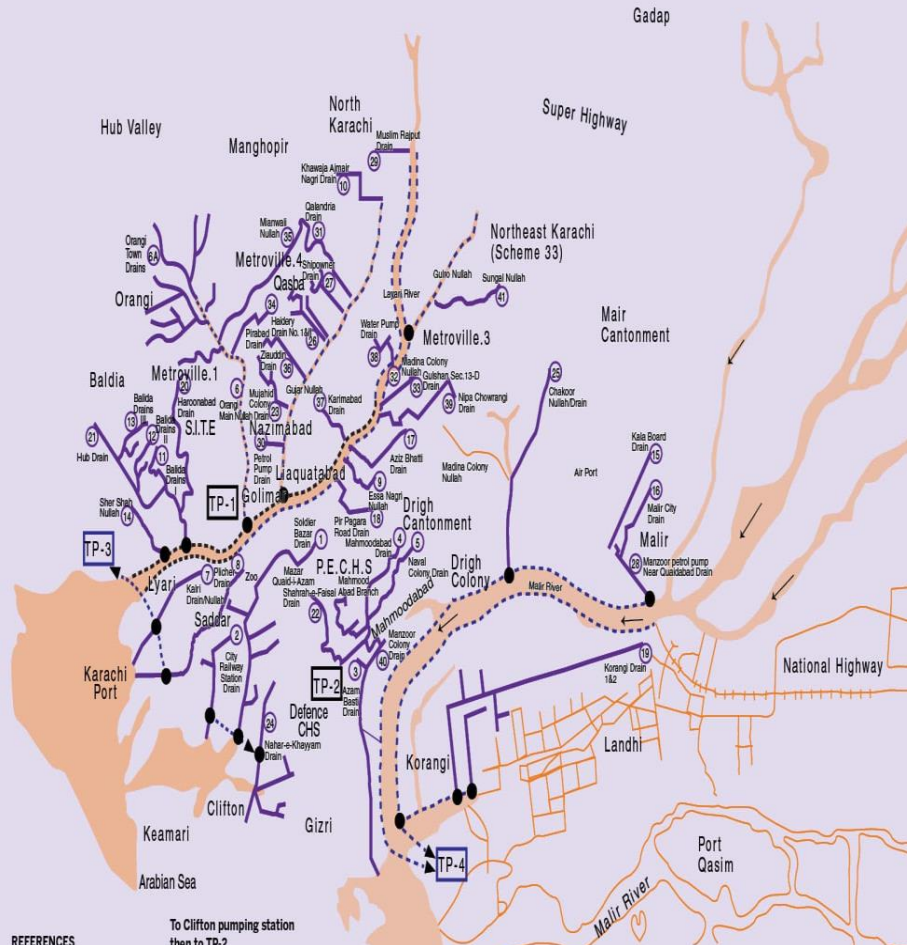
(Amount in rupees)

Expenditure on salary & performance of functions beyond domain	
Head of account	Actual Expenditure
Financial Year 2017-2018	
Salary of 759 employees	227,589,844
Diesel	86,355,173
R & M of machinery & vehicles	19,155,764
Lifting of Garbage & Offal	4,500,000
De-silting of Nullah & storm water drains	20,529,638
Sub-Total	358,130,419
Financial Year 2018-2019	
Salary of 601 employees	213,279,245
Special Grants	10,000,000
Diesel	27,068,789
R&M of machinery & vehicles	24,167,745
De-silting of Nullah & storm water drains	21,412,993
Sub-Total	295,928,772
Financial Year 2019-2020	
Salary of 539 employees	237,205,929
Diesel	34,407,185
R&M of machinery & vehicles	8,301,592
Lifting of Garbage & Offal	299,000
De-silting of Nullah & storm water drains	11,572,539
Sub-Total	291,786,245
Grand Total	945,845,436

Annex-10: Missing inter-departmental co-ordination between KMC, KW&SB, SSWMB and DMCs

Karachi map showing the documented natural nullahs and drains (which are the main disposals for sewage and rain water) and the intergration of these with the mains and STPs.

CONCEPTUAL PLAN FOR A REALISTIC SEWAGE DISPOSAL SYSTEM



REFERENCES

EXISTING	PROPOSED
Main natural Nullah	Interceptors/box trunk
Branch Nullah	Sewage treatment plant
Drain	Intake chambers
Drain/Nullah's Number	
Interceptors/box trunk	
Sewage treatment plant	

To Clifton pumping station then to TP-2

S.No.	Name of Drain/Nullah	Length (ft)
1.	Soldier Bazar Drain +4 Branches	40000
2.	City Railway Station Drain	10825
3.	Azam Basti Drain	866
4.	Mahmoodabad Drain & Branch	27000
5.	Naval Colony Drain	11258
6.	Orangi Nullah Main (Banaras Chowk to Lyari Nadi)	19918
6A.	Orangi Town Drain	94234
7.	Kalri Drain / Nullah	9526
8.	Pitcher Drain	14700
9.	Essa Nagri Nullah And Welfare Colony Drain	7794
10.	Khawaja Ajmalr Nagri Drain And North Karachi Sec. II-A Drain	14000
11.	Baldia Drains - I	15715
12.	Baldia Drains - II	7000
13.	Baldia Drains - III	7784
14.	Sher Shah Nullah	6603
15.	Kala Board Drain	9310
16.	Mair City Drain	9959
17.	Aziz Bhatti Drain	13856
18.	Pir Pagara Road Drain	8877
19.	Korangi Drain 1 & 2	48496
20.	Haroonabad Drain	17753
21.	Hub Drain	23815
22.	Shahrah-e-Faisal Drain	6000
23.	Mujahid Colony Drain	12500
24.	Nahar-e-Khayam Drain	5629
25.	Chakoor Nullah/Drain	23080
26.	Haidery Drain I & II	15600
27.	Shipowner College Drain	6575
28.	Manzoor Petrol Pump to Islamia Kanta Malir (Near Qaidabad) Drain	900
29.	Muslim Rajput Colony Drain	2552
30.	Petrol Pump Drain	3350
31.	Qalandria Drain	17200
32.	Madina Colony Nullah	1299
33.	Gulshan-e-Iqbal Sec. 13-D Drain	9093
34.	Pirabad Drain	2598
35.	Mianwali Colony Nullah (Joins 6A)	11238
36.	Ziauddin Hospital Drain	16478
37.	Karimabad Drain	7000
38.	Water Pump Drain	5890
39.	NIPA Chowrangji Drain	15588
40.	Manzoor Colony Drain	11700
41.	Sungai Nullah	8660

Source: OPP-RTI

Annex-11: Non-maintenance of vehicles before monsoon

DMC Malir (OM # 10)

Sr. No.	Name of Vehicle	Registration No.	Remarks
1	Open Truck	893	Non functional/off-road vehicles
2	Tractor Trolley	5690	
3	Tractor Trolley	9695	
4	Volvo	100980	
5	Open Truck	8972	
6	Hino 6-Wheeler	16039	
7	Dumper	Ar-13	
8	Hino FTR	3600530	
9	Volvo	159487	
10	Tractor Trolley	80019	
11	Bob Kit	19082	
12	Arm Roll	10039	
13	Wheel Loader	638	
14	Hino 6-Wheeler	10782	
15	Tractor with Shawl	107	
16	Hino 6-Wheeler	RV-5/19	
17	Tractor with Shawl	9983	
18	Tractor with excavator	-	
19	Open Truck	8920	
20	Wheel Loader	W-006	
21	Hino Dumper	3600530	

Annex-12: Non-vacation of illegally occupied 1227.23 Acre land

Karachi Water & Sewerage Board (OM # 04)



Annex-12 (Contd)

Non-removal of encroachments by the Karachi Water & Sewerage Board					
Sr. No.	Name of Area	Name of Trespassers	Area under encroachment	Period of encroachment	Remarks
1	Public scheme land in DehTaiser&BijarjiButti, District West	Mr. Anwar Mari	30 Acres	Mari Goth	
		Mst. Zarina Baloch			
		Mr. Hassan Mari			
		Mr. EllahiBux			
		Mr. Mazhar Shah			
		Mr. Liaquat Mugheri& Others	10 Acres	Since 2009	
		Mr. Faisal Hayat			
		Mr. Imdad Ali			
		Mr. Lali Shah			
		Mr. Toorsam Khan			
		Mr. Sher Wali& Others	02 Acres	Since 2004	
		Mr. Mehboob Shah & Others			
		Mr. Zahir Shah	02 Acres	Since 2009	
		Mr. Abdul Mateen & Others			
		Mr. Zakir Shah	½ Acres	Since 2012	
		Mr. Ali Akbar			
		Mr. Haroon Brohi			
Mr. Razzak Brohi& Others					
Land grabbers	07 Acres	Since 2012			
Mr. SakhiBrohi& Others	02 Acres	Since 2012			
Sub-Total					
53.20 Acres					
2	Deh Halkani & Manghopir, District West (Notified reserved land for KW&SB Hub Water Supply Scheme)	Mr. Iftikhar	04 Acres	1994	Duplicate allotment
		-	09 Acres	2003	30 Years agriculture lease
		Mr. BhaniBux	10 Acres	2005	Duplicate Lease
		Marble Factory	16 Acres	2005	30 Years Lease
		U-fone Tower	½ Acres	2006	-
		Malik Chandio Goth	45 Acres	2009	-
		Aziz Brohi Goth	32 Acres	2009	-
		Qadir Crush Plant	19 Acres	2009	-
		Market shops	30 Acres	2009	-

Non-removal of encroachments by the Karachi Water & Sewerage Board					
Sr. No.	Name of Area	Name of Trespassers	Area under encroachment	Period of encroachment	Remarks
		Haji Mehmood Goth	05 Acres	2011	-
		Ghulam Muhammad Goth & Sawat Colony	18 Acres	2011	-
	Pond of Pumping Station	Encroachments	05 Acres	2012	-
		Al-Muslim Goth	03 Acres	2012	-
		Nabi Dad Goth	10 Acres	2013	-
		Haji Mehmood Goth	06 Acres	2015	-
		Sub-Total	212.20 Acres		
3	DehHalkani&Manghopir, District West	Government & private land	866-17 Acres	-	-
		Sub-Total	866-17 Acres		
		Total	1132-17 Acres		

Annex-13: Unauthorized creation of higher-grade posts

Modification in the schedule of establishment without approval of the government							
Sr. No.	Name of posts						Remarks
	From	BPS	Quantity of sanctioned posts	To	BPS	Quantity of actual posts	
1	Project Director	20	01	Project Director S-3	20	01	
				Project Director K-IV	20	01	
				Project Director R.O Plant	20	01	
				Project Director (Rehabilitation & Water Filtration)	20	01	
Sub-Total			01			04	
1	Superintendent Engineer, District East	19	01	Chief Engineer, District East	20	01	On post changed officiating grounds by the department
2	Superintendent Engineer, District Malir	19	01	Chief Engineer, District Malir	20	01	
3	Superintendent Engineer, District South	19	01	Chief Engineer, District South	20	01	
4	Superintendent Engineer, District Central	19	01	Chief Engineer, District Central	20	01	
5	Superintendent Engineer, District West	19	01	Chief Engineer, District West	20	01	
6	Superintendent Engineer, District Korangi	19		Chief Engineer, District Korangi	20	01	
Sub-Total			06			06	
Total			07			10	

(Modification in the schedule of establishment without approval of the government continued)

Head of account	Financial Year		
	2017-2018	2018-2019	2019-2020
Total Budgeted posts	15,310	15,310	15,319
Head of account	Financial Year		
	2017-2018	2018-2019	2019-2020
Health Inspector (BPS-04)	-	87	87

Annex-14: Non-utilization of budget for purchase of equipment and cleaning of nullahs Rs311.406 million

(a) Non- utilization of budget for specially designed cleaning machinery for storm water drains and nullahs – Rs 227 million

Detail of service vehicles & machinery available at DMC Malir				
Sr. No.	Name of machinery	Quantity	Total Number of U.Cs	Population
1	De-watering pumps	10	13	1,153,616
2	Tractor Blade	01		
3	Tractor Shawals	03		
4	Truck	02		
5	Electric Van	02		
6	Water Bowser	02		
7	Lifter	01		
8	Wheel Loader	02		
9	Excavator	01		
Total		24		

Detail of service vehicles & machinery available at DMC Central						
Sr. No.	Name of machinery	Quantity	Working Condition	Off Road vehicles	Total Number of U.Cs	Population
Liaquatabad Zone						
1	Volvo	11	5	6	51	2,972,639
2	Arm Roll	5	3	2		
3	Tractor Trolley	18	5	13		
4	Bob Cat	3	0	3		
5	Refuse Van	1	1	0		
6	Loader	2	1	1		
7	Dumper	9	5	4		
8	Tractor with Blade	12	3	9		
9	Nisan	1	0	1		
10	Hino	2	2	0		
11	Water Tanker	2	0	2		
12	Van	1	1	0		
Sub-Total		67	26	41		
North Nazimabad						
1	Volvo	7	3	4		
2	Hino Tractor	1	0	1		
3	Hino Compactor	3	1	2		
4	Arm Roll	7	5	2		
5	Nisan Roll	1	0	1		
6	Refuse Van	6	3	3		

Detail of service vehicles & machinery available at DMC Central						
Sr. No.	Name of machinery	Quantity	Working Condition	Off Road vehicles	Total Number of U.Cs	Population
7	Tractor with Loader	9	3	6		
8	Tractor with Trolley	10	3	7		
9	Tractor with Blade	3	0	3		
10	Tractor (BECO)	1	1	0		
11	Bob Cat	4	0	4		
12	Wheel Loader	2	1	1		
13	Dumper	9	5	4		
14	Water Tanker	2	1	1		
15	Open Truck	5	2	3		
16	Water Bowser	1	0	1		
18	Shehzor	6	1	5		
19	Lifter	2	2	0		
20	Road Roller	1	0	1		
21	Name not shown (GL-4691)	1	0	1		
22	Coaster	1	0	1		
23	Shawal	1	1	0		
	Sub-Total	83	32	51		
New Karachi						
1	Refuse Van	14	6	8		
2	Tractor with Loader	7	1	6		
3	Tractor with Trolley	18	8	10		
4	Tractor with Blade	1	0	1		
5	Tractor	1	0	1		
6	Bob Cat	6	0	6		
7	Open Truck	9	5	4		
8	Dumper	11	10	1		
9	Arm Roll	3	1	2		
10	Volvo	4	2	2		
11	Loader	2	1	1		
12	Sees Poll	2	0	2		
13	Water Tanker	4	1	3		
14	Tanker with Loader	1	0	1		
15	Shehzor&M.T.L	3	2	1		
16	2 x 2	1	1	0		
	Sub-Total	87	38	49		
	Total	237	96	141		

Annex-15: Expenditure over and above the allocated budget– Rs308.28 million

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
1	Cleaning and Desilting of Gujjar Nallah District Central	GQS Contractor (De-silting)	54.03	43.81	22.1	1st R.B	10.21
		Florence Construcion Co (Civil Work)	2.33	1.92	1.43	1st R.B	0.41
2	Cleaning and Desilting of 5,200 Road Nallah District Central, KMC	G.Q.S. Contractors (De-silting)	4.06	2.98	1.73	1st R.B	1.08
		M/s AA Mandokhail& Brothers J/v Zareef Khan & Sons (Civil Work)	2.36	1.56	1.36	1st R.B	0.8
3	Cleaning and Desilting of 4,200 Road Nallah District Central, KMC	G.Q.S. Contractors (De-silting)	3.99	2.94	1.7	1st R.B	1.05
		Muhammad Anwar Enterprses (Civil Work)	2.36	2.33	1.36	1st & Final	—
4	Cleaning and Desilting of 9,000 Road Nallah District Central	M. Tahir & Brothers (De-Silting)	5.69	4.64	2.36	1st R.B	1.04
		Aqil Khan Shirani& Brothers (Civil Work)	3.5	1.29	1.158	1st R.B	2.2
5	Cleaning and Desilting of Nallahs of 5000 Road, U.PMor, Sakhi Hasan and North Karachi District Central, KMC	K&A Brothers (De-Silting)	15.88	10.76	9.42	1st R.B	5.11
		Aqil Khan Shirani& Brothers (Civil Work)	3.31	3.31	1.98	1st & Final	—
6	Cleaning and Desilting of Hub River Nallah Baldia District West, KMC	Haji Hassan Gul & Hasan Khan (De-Silting)	6.17	3.85	2.6	1st R.B	2.32
		Gul Rehman & Sons (Civil Work)	2.01	1.59	1.21	1st R.B	0.42
7	Cleaning and Desilting of Shershah Nallah District West, KMC	Haji Hassan Gul & Hasan Khan (De-Silting)	11.125	5.1	4.47	1st R.B	6.01
		Gul Rehman & Sons (Civil Work)	3.07	1.26	1.1	1st R.B	1.81
8	Cleaning and Desilting of Haroonabad Nallah District West, KMC.	M. Tahir & Brothers (De-Silting)	14.35	7.37	6.41	1st R.B	6.98
		M/s Standard Construction Co. (Civil Work)	4.16	—	—	Payment Not Made	4.16
9	Cleaning and De-	Yousuf Khan	29.34	21.96	11.92	1st R.B	7.37

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
	silting of Mouchko Nallah District West, KMC	& Brothers					
		(De-Silting)					
		Florence Construcion Co (Civil Work)	1.91	—	—	Payment Not Made	1.91
10	Cleaning and De-silting of Orangi Nallah District West, KMC	Yousuf Khan	89.56	58.95	37.41	1st R.B	30.61
		& Brothers					
		(De-Silting)					
		Florence Construcion Co (Civil Work)	2.29	—	—	Payment Not Made	2.29
11	Cleaning and De-silting of Soldier Bazar Nallah District South, KMC	Shaheen Trading Company	28.68	17.53	12.14	1st R.B	11.15
		(De-Silting)					
		M/s Shaheen Trading Company (Civil Work)	2.84	—	—	Payment Not Made	2.84
12	Cleaning and De-silting of Nehr-e-Khayyam District South, KMC.	G.M. Enterprises	20.63	15.57	8.37	1st R.B	5.06
		(De-Silting)					
		Sh. Raheem Khan & Brothers (Civil Work)	3.03	—	—	Payment Not Made	3.03
13	Cleaning and De-silting of Pitcher Nallah District South, KMC	Shaheen Trading Company	15.28	10.1	6.37	1st R.B	5.17
		(De-Silting)					
		M/s Shaheen Trading Company (Civil Work)	1.42	—	—	Payment Not Made	1.42
14	Cleaning and De-silting of Kalri Nallah District South, KMC	G.M. Enterprises	19.62	13.73	8.09	1st R.B	5.88
		(De-Silting)					
		M/s Four Dot Construction Co (Civil Work)	4.58	3.21	2.88	1st R.B	1.37
15	Cleaning and De-silting of Frere Nallah District South, KMC	M/s. Haji Gul Muhammad Khan Sherani	8.92	7.69	3.5	1st R.B	1.22
		(De-Silting)					
		Haji Sangeen Khan & Brothers (Civil Work)	2.81	2.81	1.68	1st & Final	—
16	Cleaning and De-silting of City Nallah District South, KMC	M/s. Khan AlamAbdulahZai& Sons	9.05	5.18	3.93	1st R.B	3.86
		(De-Silting)					
		Sh. Raheem Khan & Brothers (Civil Work)	2.25	2.05	1.84	1st R.B	0.19

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
17	Cleaning and Desilting of Manzoor Colony Nallah District East	J.M. Khan &Brothres (De-Silting)	16.46	14.21	6.45	1st R.B	2.25
		M/s J.M Khan & Brothers (Civil Work)	8.29	—	—	Payment Not Made	8.29
18	Cleaning and Desilting of Mehmoodabad Zehri House Nallah District East.	K.A. & Brothers (De-Silting)	23.95	21.54	9.28	1st R.B	2.41
		M/s Zareef Khan & Sons (Civil Work)	2.43	2.42	1.52	1st & Final	—
19	Cleaning and Desilting of Azam Basti Nallah District East	K.A. & Brothers (De-Silting)	37.31	12	10.5	1st R.B	25.3
		Sh. Raheem Khan & Brothers (Civil Work)	1.71	1.62	0.99	1st & Final	—
20	Cleaning and Desilting of Aziz Bhutti Drain at District East KMC	Shaheen Trading Company (De-Silting)	4.8	3.49	1.96	1st R.B	1.31
		Standard Const. Co (Civil Work)	15.5	3.44	3.06	1st R.B	12.06
21	Cleaning and Desilting of Pehlwan Goth Nallah From Habib University to KDA Flat Phase-I Abul Asar Hafeez Jalendhri Road at District East, KMC	K.A. & Brothers (De-Silting)	26.25	11.23	7.93	1st R.B	15.02
		Four Dot Construciton Co (Civil Work)	0.52	—	—	Payment Not Made	0.52
22	Cleaning and Desilting of Essa Nagri Drain from university Road to Liyari Express Way District East, KMC	Watan Dost Const. Co (De-Silting)	2.63	0.82	0.72	1st R.B	1.81
		M/s Eastern Construciton Co	10.6	3.18	2.85	1st R.B	7.42
		(Civil Work)					
23	Cleaning and Desilting of Songal Nallah from White House Grammar School near Khatme-Nabowat Chowk to Liyari Expressway at Gulistan-e-Hijri, at	G.M. Enterprises (De-Silting)	21.07	12.76	9.21	1st R.B	8.31
		Four Dot Construciton Co (Civil Work)	1.67	—	—	Payment Not Made	1.67

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
	District East KMC						
24	Cleaning and Desilting of Chakor Nallah from Habib University to Block-9, Gulistan-e-Johar at District East KMC.	K&A Brothers	20.89	16.87	8.33	1st R.B	4.02
		(De-Silting)					
		M/s Zareef Khan & Sons (Civil Work)	1.88	—	—	Payment Not Made	1.88
25	Cleaning and Desilting of NIPA Drain from University Road to Liyari Expressway Nallahs of 8000 Road District East	Aqil Khan Sherani	5.99	2.61	2.29	1st R.B	3.37
		(De-Silting)					
		S. Zaman & Brothers (Civil Work)	13.74	4.12	3.6	1st R.B	9.61
26	Cleaning and Desilting of 1000 Road Storm Water Drain from 5000 Road to GETS Pharma at District Korangi, KMC	Adeel Humanyon	8.03	6.28	3.36	1st R.B	1.74
		(De-Silting)					
		W#09 (C Re-Invite) Haji Sangeen Khan & Brothers (Civil Work)	6.45	5.21	3.97	1st R.B	1.23
27	Cleaning and Desilting of CBM Storm Water Drain from 16000 Road to CBM University District Korangi, KMC	G.M. Enterprises	11.01	8.14	4.66	1st R.B	2.87
		(De-Silting)					
		K.KSherani Const. Co (Civil Work)	3.54	—	—	Payment Not Made	3.54
28	Cleaning and Desilting of 5000 Road Storm Water Drain at District Korangi, KMC	K&A Brothers	11.87	6.07	5.17	1st R.B	5.8
		(De-Silting)					
		M/s J.Z Associates (Civil Work)	4.76	4.74	2.74	1st & Final	—
29	Cleaning and Desilting of 9000 Road Storm Water Drain from C-Area to 12000 Road at District Korangi, KMC	M/s. KiamKhani Competition International	10.06	4.95	4.44	1st R.B	5.1
		(De-Silting)					
		M/s J.Z Associates (Civil Work)	4.8	4.8	2.76	1st & Final	—
30	Cleaning and Desilting of 12000 Road Storm Water Drain from at District Korangi,	K&A Brothers	7.8	4.12	3.38	1st R.B	3.68
		(De-Silting)					
		M/s Haji Gul Muhammad Khan Sheran	7.1			Payment Not Made	7.1

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
	KMC	(Civil Work)					
31	Cleaning and De-silting of 7000 Road Storm Water Drain at District Korangi, KMC	K&A Brothers	3.84	1.93	1.68	1st R.B	1.9
		(De-Silting)					
		Haji Gul Muhammad Khan Sherani (Civil Work)	2.42	1.5	1.31	1st R.B	0.92
32	De-silting through winching of Storm Water Drain of Road 8000 at District Korangi, KMC	Arham Associates	9.79	6.48	4.08	1st R.B	3.31
		(De-Silting)					
		M/s Standard Construction Co (Civil Work)					
33	Cleaning and De-silting of Golden Town Nallah District Korangi (From Golden Town via Azeem Pura to Malir River), KMC	J.K& Co	6.03	2.86	2.5	1st R.B	3.16
		(De-Silting)					
		M/s Watan Dost Const. Co (Civil Work)	9.09	3.63	3.36	1st R.B	5.45
34	Cleaning and De-silting of Azeem Pura Nallah District Korangi, (From Reti Plot to Azeem Pura Nallah), KMC	M/s. KiamKhani Competition International (De-Silting)	6.28	4.69	2.45	1st R.B	1.58
35	Cleaning and De-silting of Chakor Nallah District Korangi (From Falak Naz to Malir River), KMC	K&A Brothers	32.11	15.47	13.62	1st R.B	3.34
		(De-Silting)		13.3	11.72	2nd R.B	
36	Cleaning and De-silting of Mehran Highway Nallah in District Malir, KMC	Arham Associates	13.86	9	5.8	1st R.B	4.85
	(De-Silting)						
37	Cleaning and De-silting of Lalabad Nallah (Rice Godown to Govt. Bays School Chashma Goth) in District Malir, KMC	W#10 (RE-Invite)	4.08	2.86	1.7	1st R.B	1.21
		Khan Babar & Brothers					
		(De-Silting)					

S. No.	Name of Work	Name of Firm	Contract Amount	1st Running Bill	Cheque Amount	Nature of Bill	Balance Amount
38	Cleaning and De-silting of Mehran Cut Nallah District Malir, KMC	A.G. Khan & Enterprises	38.72	22.94	16.98	1st R.B	10.77
		(De-Silting)		5	4.48	2nd R.B	
Total			808.14	499.86	329.23		308.12

Annex-16: Non-establishment of separate sewerage system by KW&SB

Sr. No.	Description
1	48" sewerage pipe line from Juma Goth
2	48" sewerage pipeline from Jamia Millia College
3	36" sewerage pipeline from Jamia Millia road from Malir 15
4	30" sewerage pipeline from Azeem Pura main from Rifa-e-Aaam society
5	48" sewerage pipeline from Malir Trunck sewer adjacent Azeem Pura Graveyard
6	18" sewerage pipeline from Raita plot BLK-3, Shah Faisal Colony
7	36" sewerage pipeline from BLK 1, 2, Shah Faisal Colony, Thana road
8	32" sewerage pipeline from Block-5, Shah Faisal Colony
9	Proposed rising main drain from TP-II under construction
10	36" RCC rising main drain from Korangi (P.S-2)
11	18" sewerage pipeline
12	18" sewerage pipeline
13	18" sewerage pipeline
14	18" sewerage pipeline
15	48" sewerage pipeline on Altaf Hussain road
16	18" sewerage pipeline at Landfill Mansehra
17	21" Dia sewerage pipeline from Laloo contractor, Mansehra colony graveyard
18	18" Dia sewerage pipeline from Sufi Razzaq road, Mansehra Colony
19	18" Dia sewerage pipeline from Kalenger Hujra, Kala Khan road, Future Colony
20	15" Dia sewerage pipeline from MurghiKhana
21	18" Dia sewerage pipeline from upstream of road bridge, Malir River, Quaidabad
	List of Nullahs flowing into Malir River
01	Sukkan Nullah
02	Thado Nullah
03	Golden Nullah
04	Korangi Nullah
	List of Drains flowing into Malir River
01	Dada Bhai drain
02	Pir Bukhari drain
03	Chokora drain
04	Shah Faisal colony drain

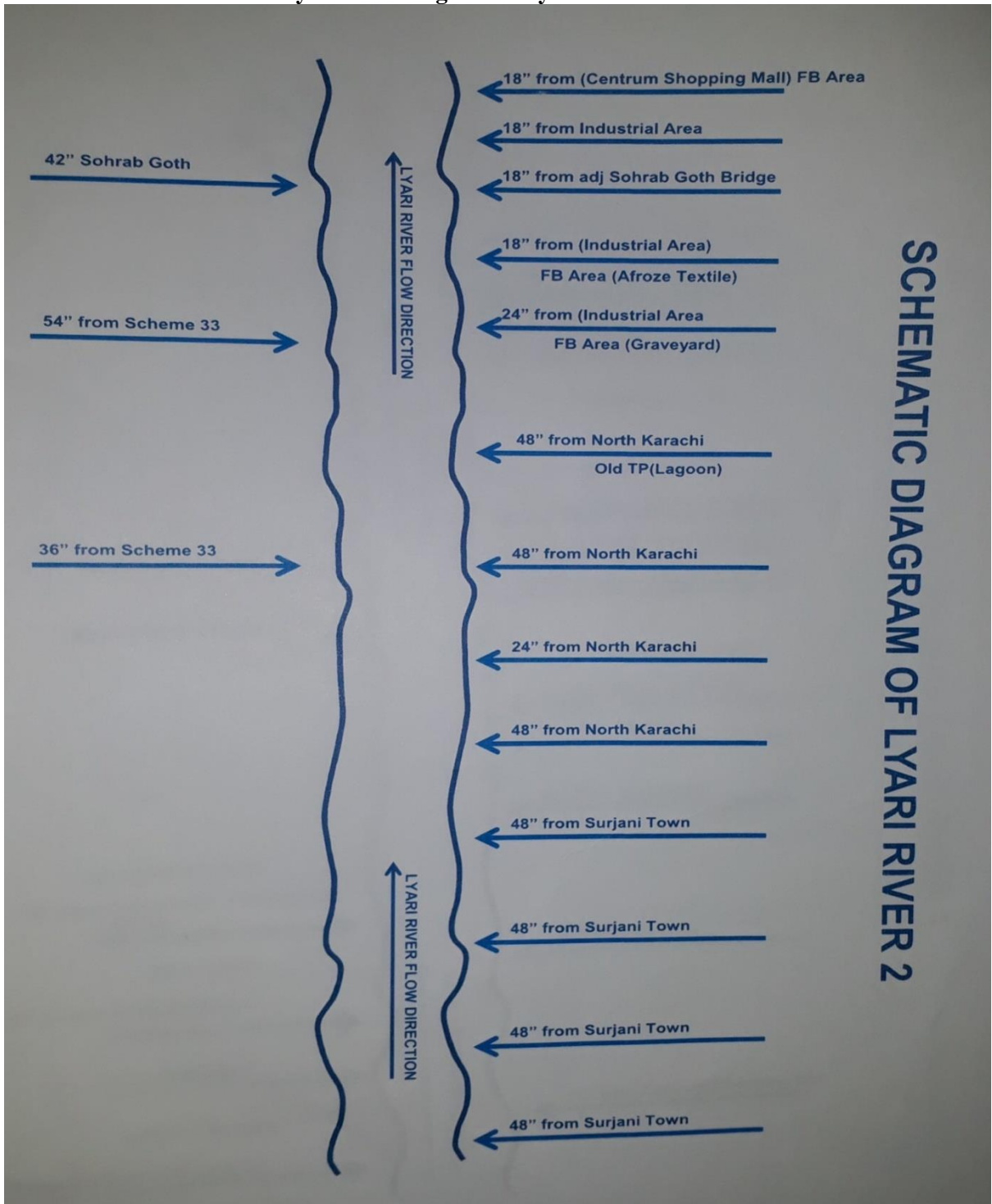
Annex-16 (Contd.)

List of drains, nullahs and sewerage pipelines carrying 160 MGD untreated sewerage water of residential & industrial areas into Lyari River

Sr. No.	Description
	Sewerage Pipe lines of KW&SB flows into Lyari River (Systematic Diagram-1)
1	60” sewerage pipe line from Metrovel, Scheme-33
2	18” sewerage pipe line from Gulshan-e-Iqbal
3	36” sewerage pipe line from adjoining bridge of Gulshan-e-Iqbal
4	36” sewerage pipe line from Gulshan-e-Iqbal near Yaseenabad bridge
5	12” sewerage pipe line from Centrum shopping mall
6	12” sewerage pipe line from FB area
7	24” sewerage pipe line from Yaseenabad
8	12” sewerage pipeline from FB Area
9	12” sewerage pipeline from Bhangoria village
10	18” sewerage pipeline from Bantwa Nagar, Liaquatabad
11	15” sewerage pipe line from Azam Town, Liaquatabad
12	15” sewerage pipe line from Qasimabad, Liaquatabad
13	18” sewerage pipeline from Golimar
14	18” sewerage pipeline from central Muslimabad
15	24” sewerage pipeline from Hassan Mohalla
16	18” sewerage pipeline from Maula Wali Masjid
17	30” sewerage pipeline from Jehangirabad
	Sewerage Pipe lines of KW&SB flows into Lyari River (Systematic Diagram-2)
18	54” sewerage pipe line from Scheme-33
19	36” Sewerage pipe line from Scheme-33
20	48” Sewerage pipe line from Surjani Town
21	48” Sewerage pipe line from Surjani Town
22	48” Sewerage pipe line from Surjani Town
23	48” Sewerage pipe line from Surjani Town
24	48” Sewerage pipe line from North Karachi
25	24” Sewerage pipe line from North Karachi
26	48” Sewerage pipe line from North Karachi
27	48” Sewerage pipe line from North Karachi, Old Treatment Plant (Lagoon)
28	24” Sewerage pipe line from (industrial area) FB area graveyard
29	18” Sewerage pipe line from (industrial area) FB area (Afroze Textile)
30	18” Sewerage pipe line from adjoining of Sohrab Goth bridge
31	42” Sewerage pipe line from Sohrab Goth
32	18” Sewerage pipe line from industrial area
33	18” Sewerage pipe line from (Centrum Shopping Mall) FB Area
	List of Nullahs flowing into Lyari River
01	Songal Nullah
02	Gujro Nullah
03	Orangi Nullah
	List of Drains flowing into Lyari River

01	NIPA drain
02	Aziz Bhatti drain
03	Karimabad drain
04	Essa Nagri drain
05	PirPagara drain

Systematic Diagram of Lyari River-2



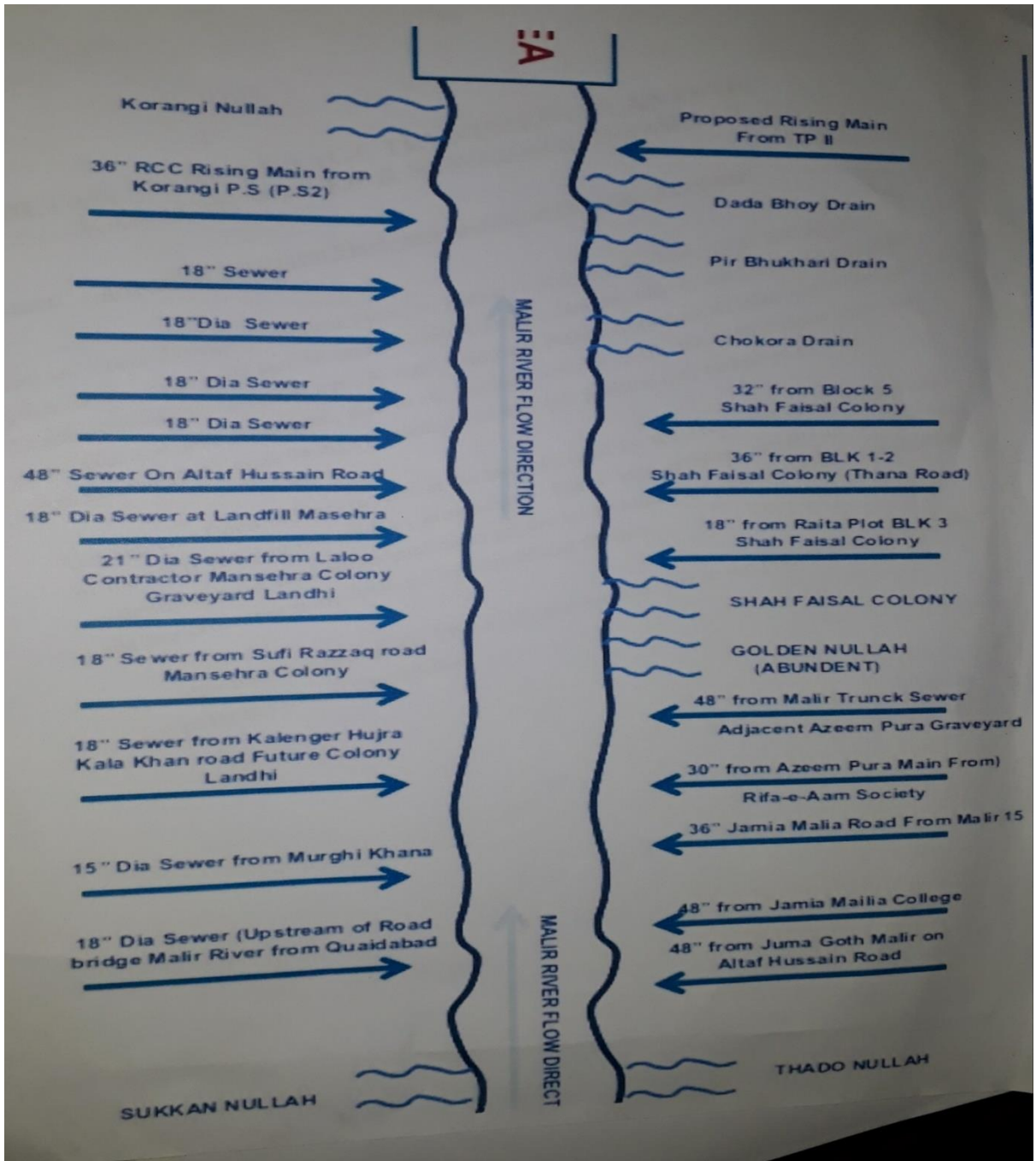
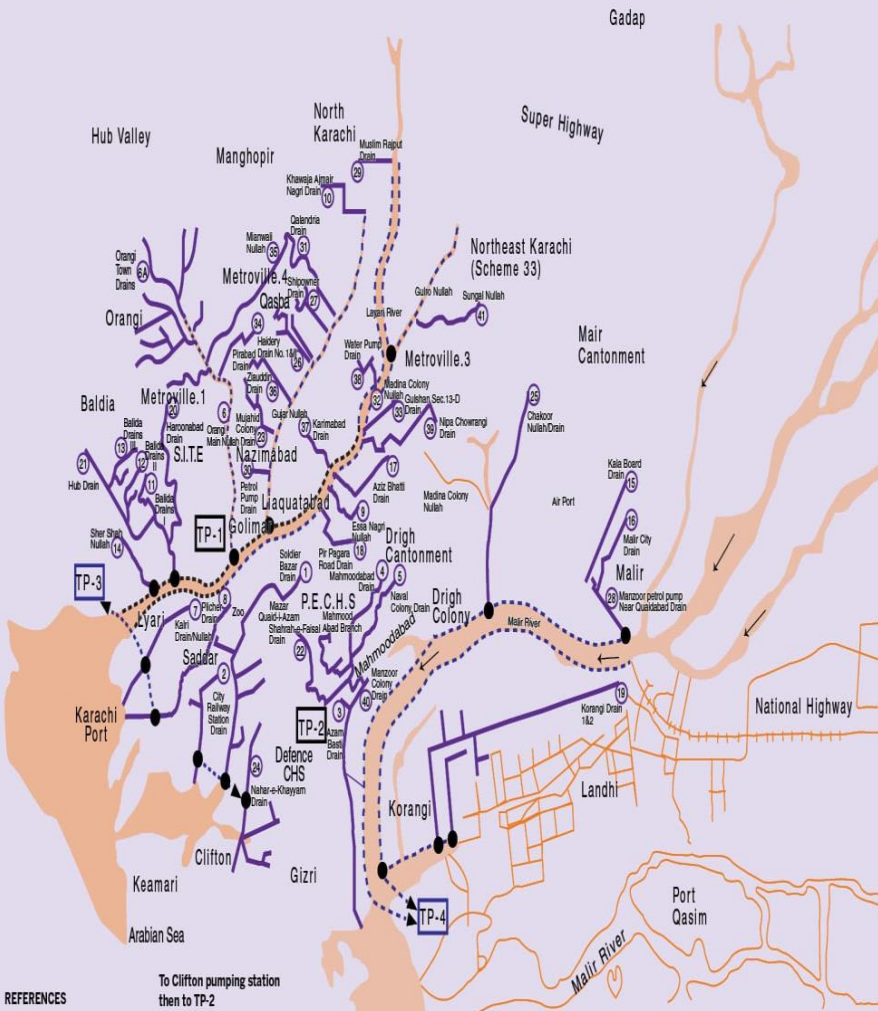


Table No.04

Karachi map showing the documented natural nullahs and drains (which are the main disposals for sewage and rain water) and the intergration of these with the mains and STPs.

CONCEPTUAL PLAN FOR A REALISTIC SEWAGE DISPOSAL SYSTEM



To Clifton pumping station then to TP-2

EXISTING	PROPOSED
	Interceptors/box trunk
	TP Sewage treatment plant
	Drain
	Intake chambers
	Drain/Nullah's Number
	Interceptors/box trunk
	Sewage treatment plant

S.No.	Name of Drain/Nullah	Length (ft)
1.	Soldier Bazar Drain +4 Branches	40000
2.	City Railway Station Drain	10825
3.	Azam Basti Drain	866
4.	Mahmoodabad Drain & Branch	27000
5.	Naval Colony Drain	11258
6.	Orangi Nullah Main (Banaras Chowk to Lyari Nadi)	19918
6A.	Orangi Town Drain	94234
7.	Kairi Drain / Nullah	9526
8.	Pitcher Drain	14700
9.	Essa Nagri Nullah And Welfare Colony Drain	7794
10.	Khawaja Ajmair Nagri Drain And North Karachi Sec. II-A Drain	14000
11.	Baldia Drains - I	15715
12.	Baldia Drains - II	7000
13.	Baldia Drains - III	7784
14.	Sher Shah Nullah	6603
15.	Kala Board Drain	9310
16.	Malir City Drain	9959
17.	Aziz Bhatti Drain	13856
18.	Pir Pagara Road Drain	8877
19.	Korangi Drain 1 & 2	48496
20.	Haroonabad Drain	17753
21.	Hub Drain	23815
22.	Shahrah-e-Faisal Drain	6000
23.	Mujahid Colony Drain	12500
24.	Nahar-e-Khayyam Drain	5529
25.	Chakoor Nullah/Drain	23080
26.	Haidry Drain I & II	15600
27.	Shipowner College Drain	6575
28.	Manzoor Petrol Pump to Islamiya Kanta Malir (Near Qaidabad) Drain	900
29.	Muslim Rajput Colony Drain	2552
30.	Petrol Pump Drain	3350
31.	Qalandria Drain	17200
32.	Madina Colony Nullah	1299
33.	Gulshan-e-Iqbal Sec. 13-D Drain	9093
34.	Pirabad Drain	2598
35.	Mianwali Colony Nullah (Joins 6A)	11238
36.	Ziauddin Hospital Drain	16478
37.	Karimabad Drain	7000
38.	Water Pump Drain	5890
39.	NIPA Chowranghi Drain	15588
40.	Manzoor Colony Drain	11700
41.	Sungai Nullah	8660

Source: OPP-RTI

2.6.3 Discharge of untreated sewage into Arabian Sea

Sr. No.	Name of River	Length	Purpose	Start point	Disposal
1	Lyari River	50 Kilometres or 30 Miles	Seasonal fresh water river	Superhighway bridge	Arabian Sea at Mauripur

List of drains, nullahs and sewerage pipelines carrying 160 MGD untreated sewerage water of residential & industrial areas into Lyari River

Sr. No.	Description
	Sewerage Pipe lines of KW&SB flows into Lyari River (Systematic Diagram-1)
1	60" sewerage pipe line from Metrovel, Scheme-33
2	18" sewerage pipe line from Gulshan-e-Iqbal
3	36" sewerage pipe line from adjoining bridge of Gulshan-e-Iqbal
4	36" sewerage pipe line from Gulshan-e-Iqbal near Yaseenabad bridge
5	12" sewerage pipe line from Centrum shopping mall
6	12" sewerage pipe line from FB area
7	24" sewerage pipe line from Yaseenabad
8	12" sewerage pipeline from FB Area
9	12" sewerage pipeline from Bhangoria village
10	18" sewerage pipeline from Bantwa Nagar, Liaquatabad
11	15" sewerage pipe line from Azam Town, Liaquatabad
12	15" sewerage pipe line from Qasimabad, Liaquatabad
13	18" sewerage pipeline from Golimar
14	18" sewerage pipeline from central Muslimabad
15	24" sewerage pipeline from Hassan Mohalla
16	18" sewerage pipeline from Maula Wali Masjid
17	30" sewerage pipeline from Jehangirabad
	Sewerage Pipe lines of KW&SB flows into Lyari River (Systematic Diagram-2)
18	54" sewerage pipe line from Scheme-33
19	36" Sewerage pipe line from Scheme-33
20	48" Sewerage pipe line from Surjani Town
21	48" Sewerage pipe line from Surjani Town
22	48" Sewerage pipe line from Surjani Town
23	48" Sewerage pipe line from Surjani Town
24	48" Sewerage pipe line from North Karachi
25	24" Sewerage pipe line from North Karachi
26	48" Sewerage pipe line from North Karachi
27	48" Sewerage pipe line from North Karachi, Old Treatment Plant (Lagoon)
28	24" Sewerage pipe line from (industrial area) FB area graveyard
29	18" Sewerage pipe line from (industrial area) FB area (Afroze Textile)
30	18" Sewerage pipe line from adjoining of Sohrab Goth bridge
31	42" Sewerage pipe line from Sohrab Goth

32	18" Sewerage pipe line from industrial area
33	18" Sewerage pipe line from (Centrum Shopping Mall) FB Area
List of Nullahs flowing into Lyari River	
01	Songal Nullah
02	Gujro Nullah
03	Orangi Nullah
List of Drains flowing into Lyari River	
01	NIPA drain
02	Aziz Bhatti drain
03	Karimabad drain
04	Essa Nagri drain
05	PirPagara drain

Table-05 (Systematic Diagram of Lyari River-I)

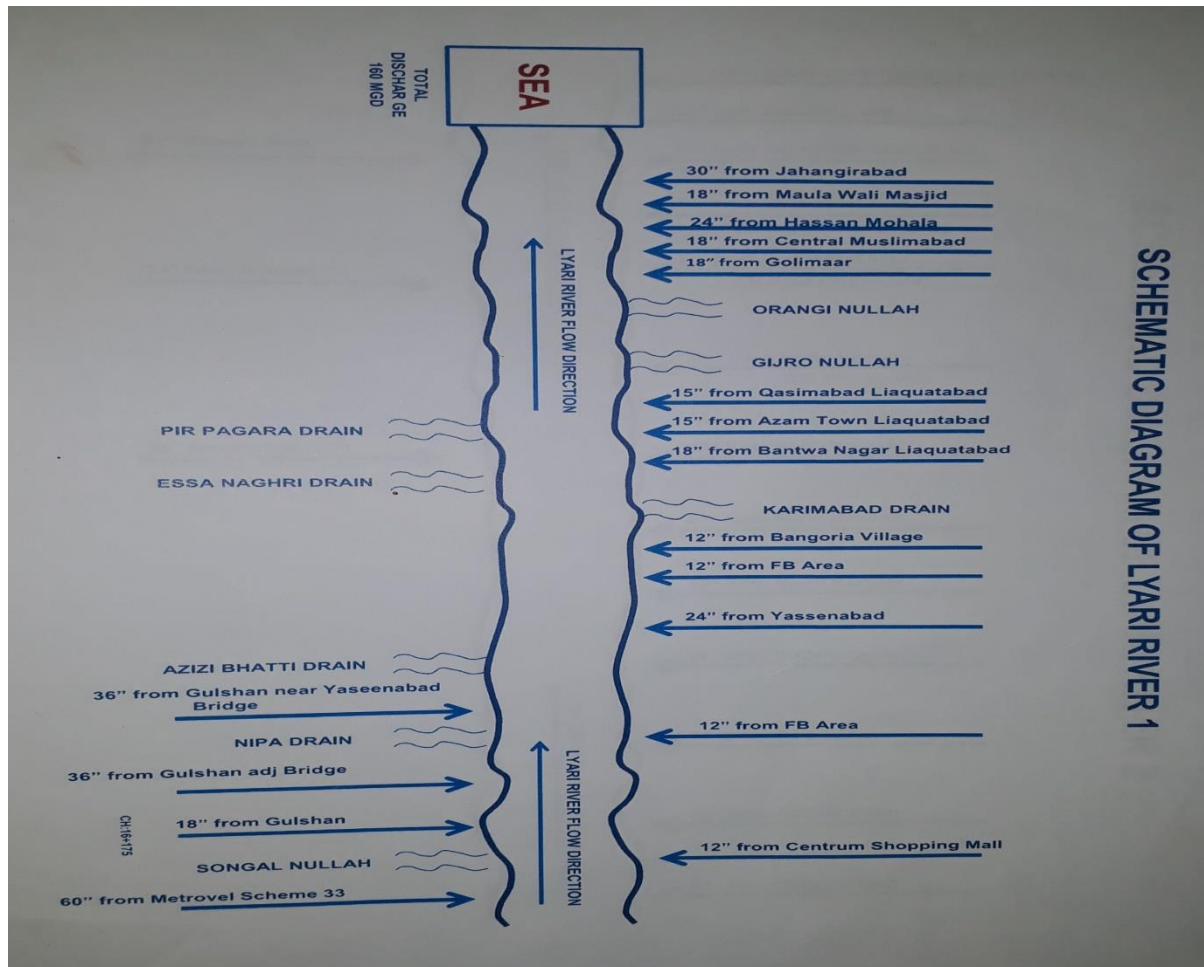


Table-06 (Systematic Diagram of Lyari River-2)

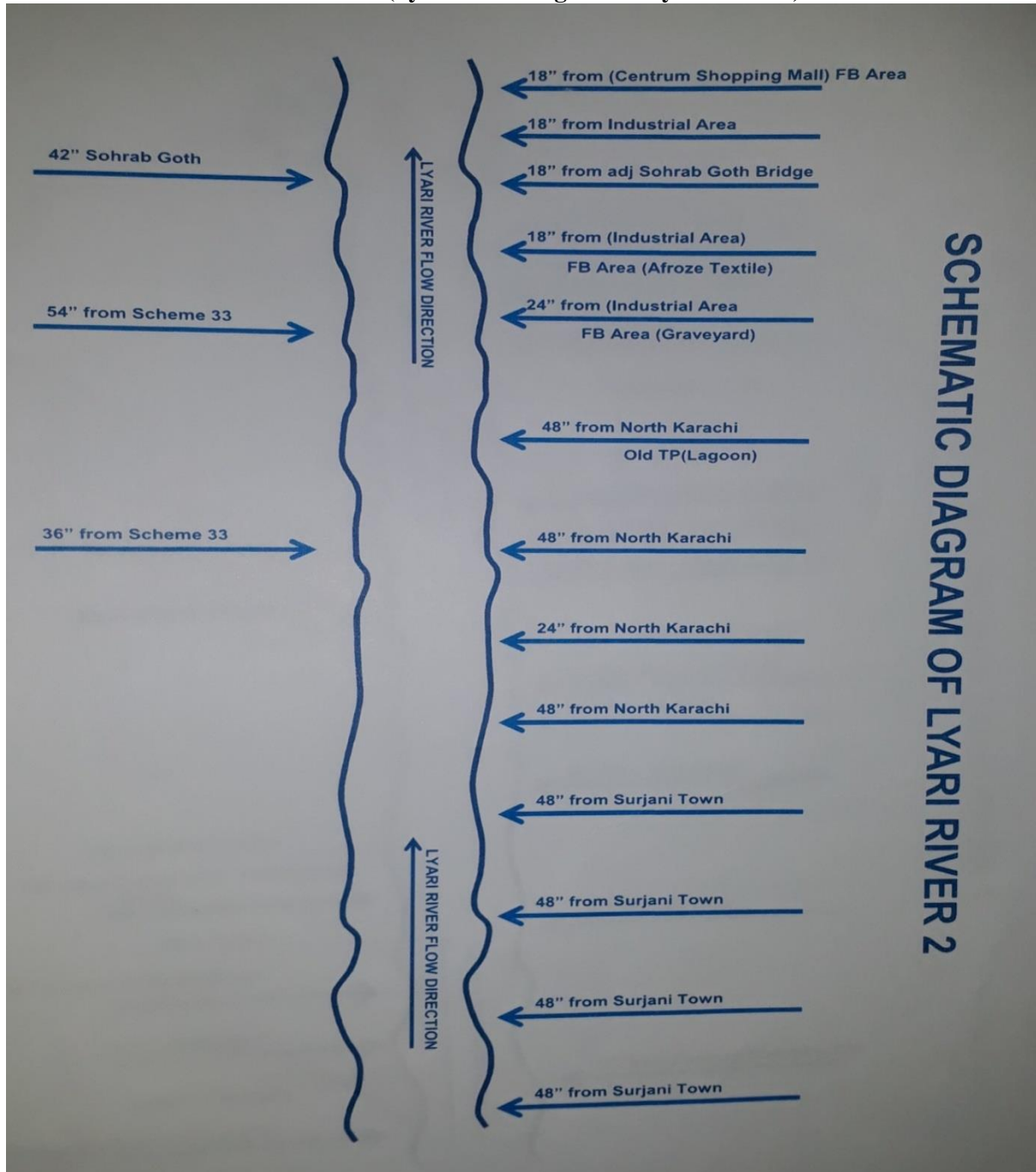
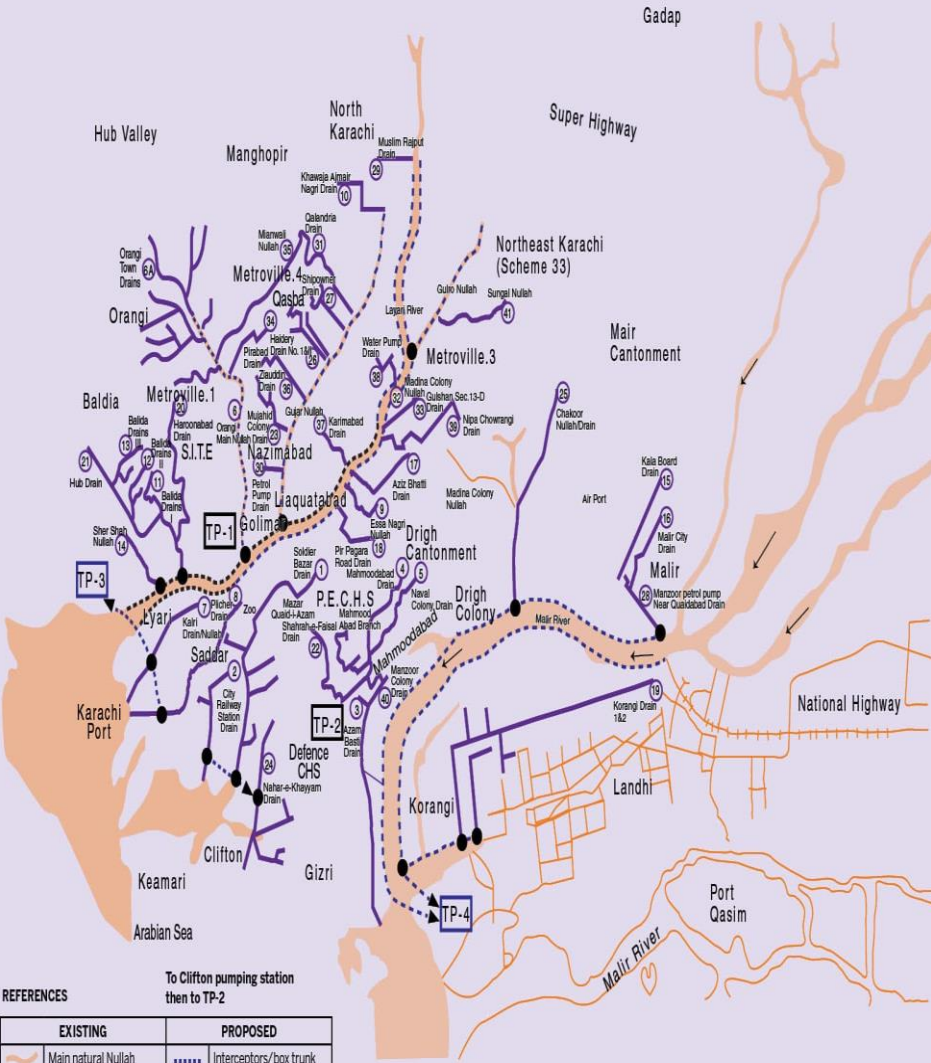


Table-07 (Present status of Lyari River)

Karachi map showing the documented natural nullahs and drains (which are the main disposals for sewage and rain water) and the intergration of these with the mains and STPs.

CONCEPTUAL PLAN FOR A REALISTIC SEWAGE DISPOSAL SYSTEM

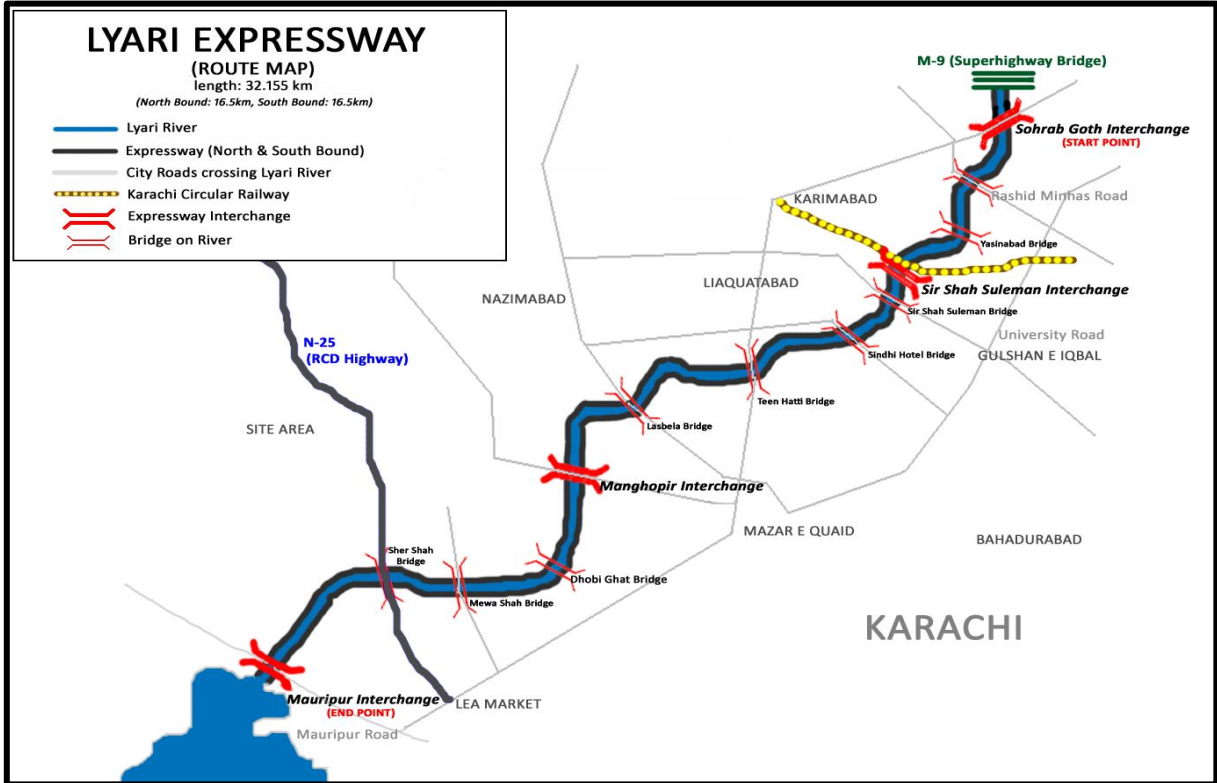


REFERENCES

EXISTING	PROPOSED
Main natural Nullah	Interceptors/box trunk
Branch Nullah	Sewage treatment plant
Drain	Intake chambers
Drain/Nullah's Number	
Interceptors/box trunk	
Sewage treatment plant	

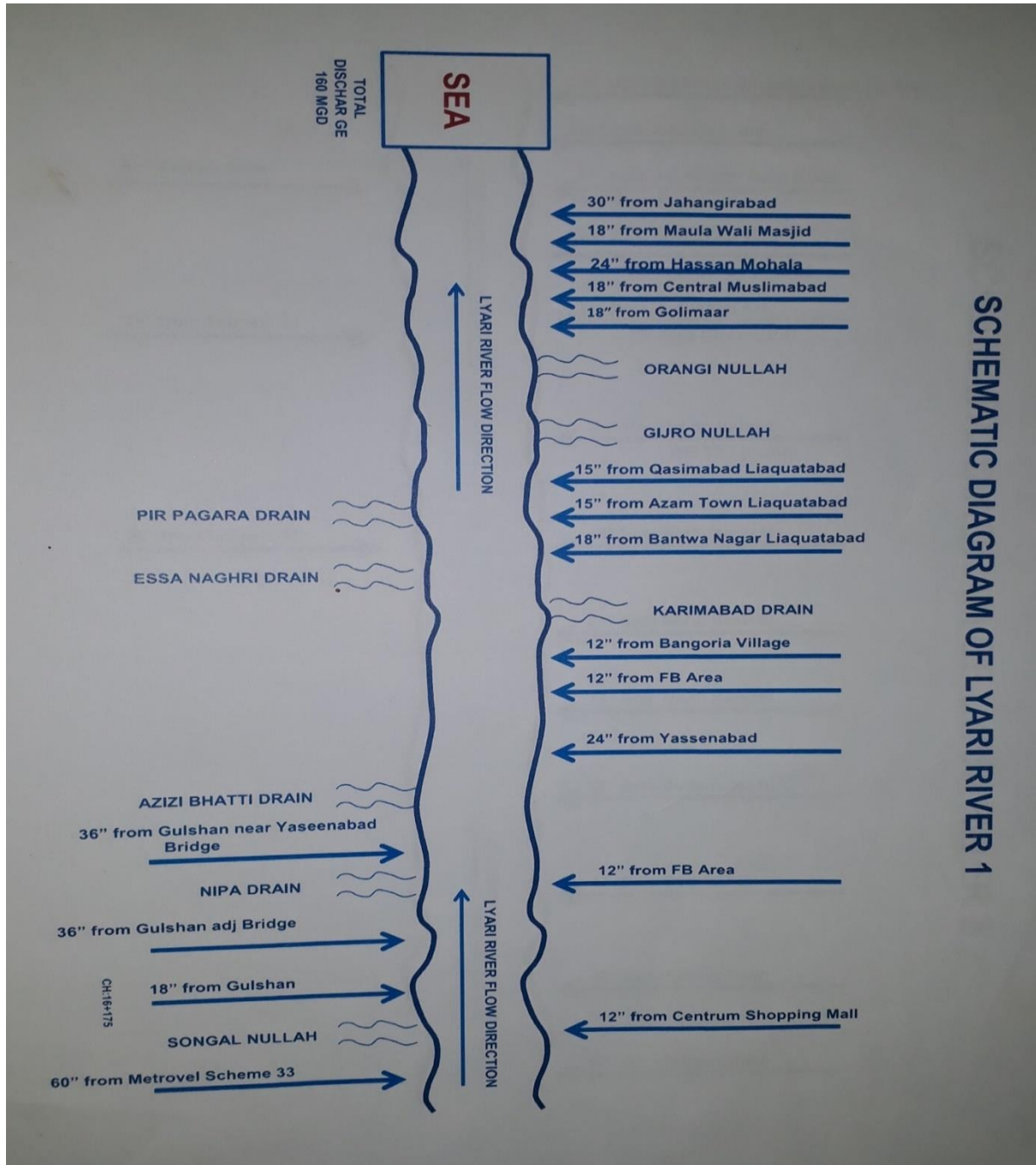
S.No.	Name of Drain/Nullah	Length (ft)
1.	Soldier Bazar Drain +4 Branches	40000
2.	City Railway Station Drain	10825
3.	Azam Basti Drain	866
4.	Mahmoodabad Drain & Branch	27000
5.	Naval Colony Drain	11258
6.	Orangi Nullah Main (Banaras Chowk to Lyari Nadi)	19918
6A.	Orangi Town Drain	94234
7.	Kalri Drain / Nullah	9526
8.	Pitcher Drain	14700
9.	Essa Nagri Nullah And Welfare Colony Drain	7794
10.	Khwaja Ajmair Nagri Drain And North Karachi Sec. 11-A Drain	14000
11.	Baldia Drains - I	15715
12.	Baldia Drains - II	7000
13.	Baldia Drains - III	7784
14.	Sher Shah Nullah	6603
15.	Kala Board Drain	9310
16.	Malir City Drain	9959
17.	Aziz Bhatti Drain	13856
18.	Pir Pagara Road Drain	8877
19.	Korangi Drain 1 & 2	48496
20.	Haroonabad Drain	17753
21.	Hub Drain	23815
22.	Shahrah-e-Faisal Drain	6000
23.	Mujahid Colony Drain	12500
24.	Nahar-e-Khayam Drain	5629
25.	Chakoor Nullah/Drain	23080
26.	Haidery Drain I & II	15600
27.	Shipowner College Drain	6575
28.	Manzoor Petrol Pump to Islamia Kanta Malir (Near Qaidabad) Drain	900
29.	Muslim Rajput Colony Drain	2552
30.	Petrol Pump Drain	3350
31.	Qalandria Drain	17200
32.	Madina Colony Nullah	1299
33.	Gulshan-e-Iqbal Sec. 13-D Drain	9093
34.	Pirabad Drain	2598
35.	Mianwali Colony Nullah (Joins 6A)	11238
36.	Ziauddin Hospital Drain	16478
37.	Karimabad Drain	7000
38.	Water Pump Drain	5890
39.	NIPA Chowrangi Drain	15588
40.	Manzoor Colony Drain	11700
41.	Sungal Nullah	8660

Source: OPP-RTI

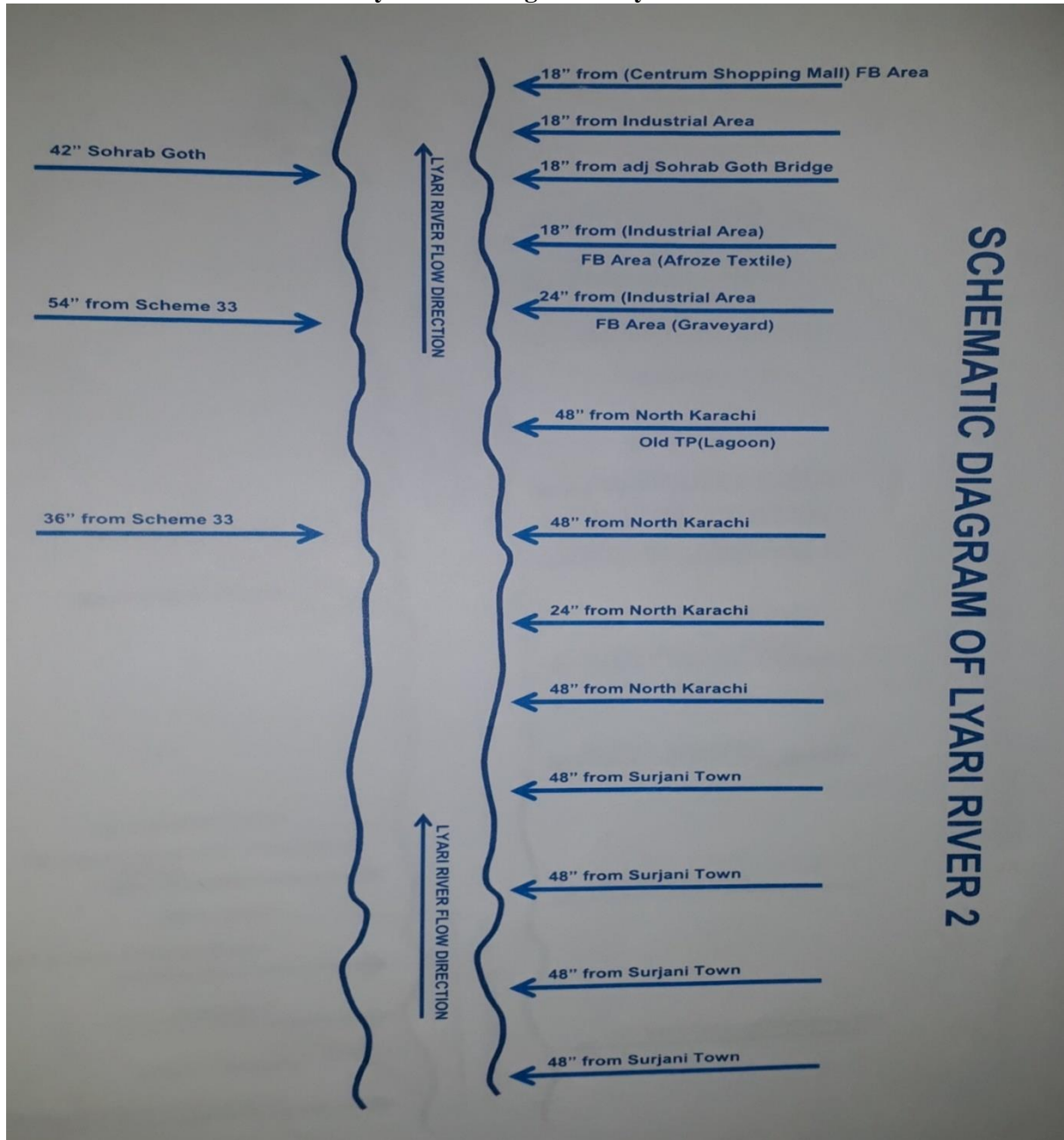


historical background of Lyari River

7 Systematic Diagram of Lyari River-I



Systematic Diagram of Lyari River-2



Systematic Diagram of Malir River

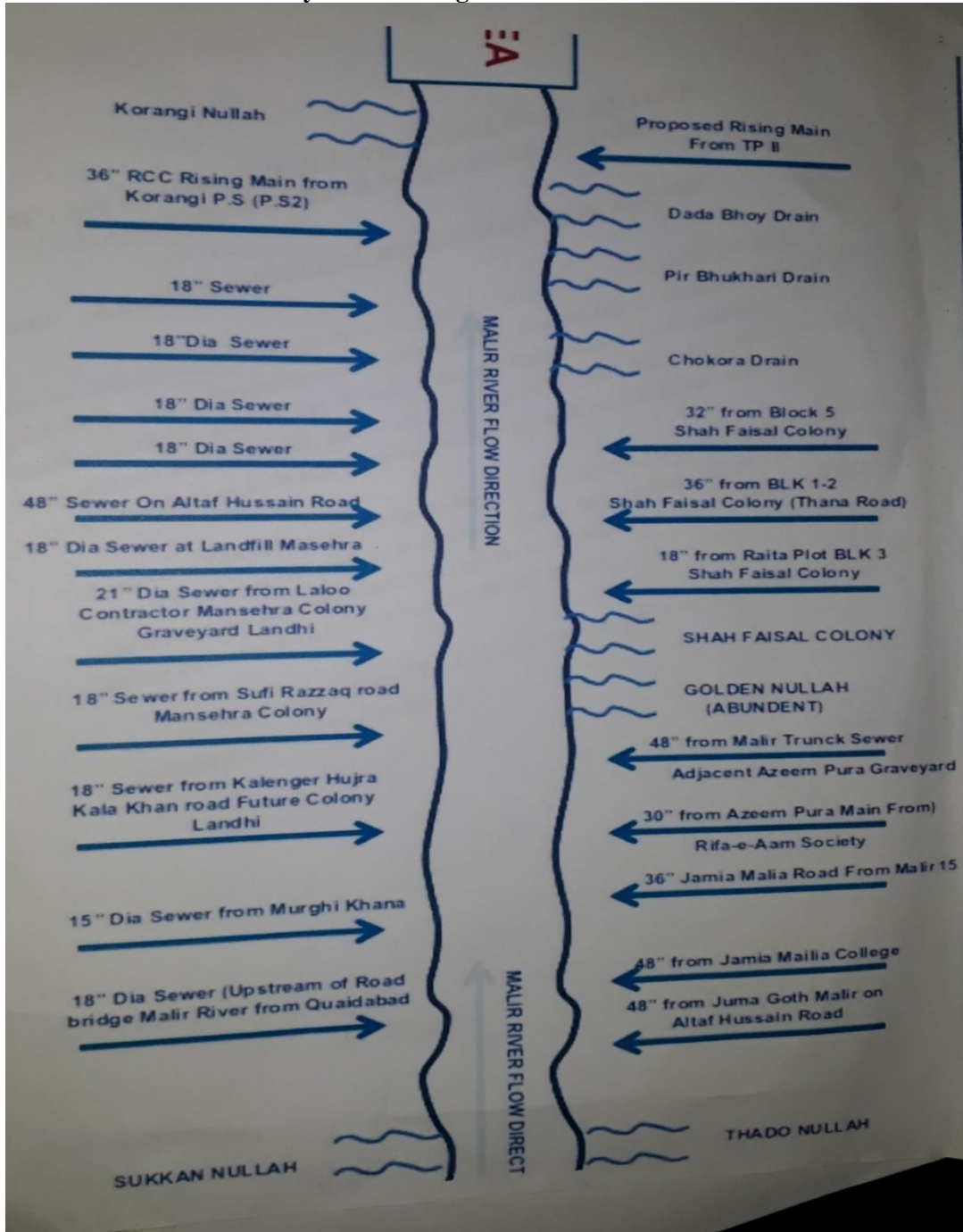
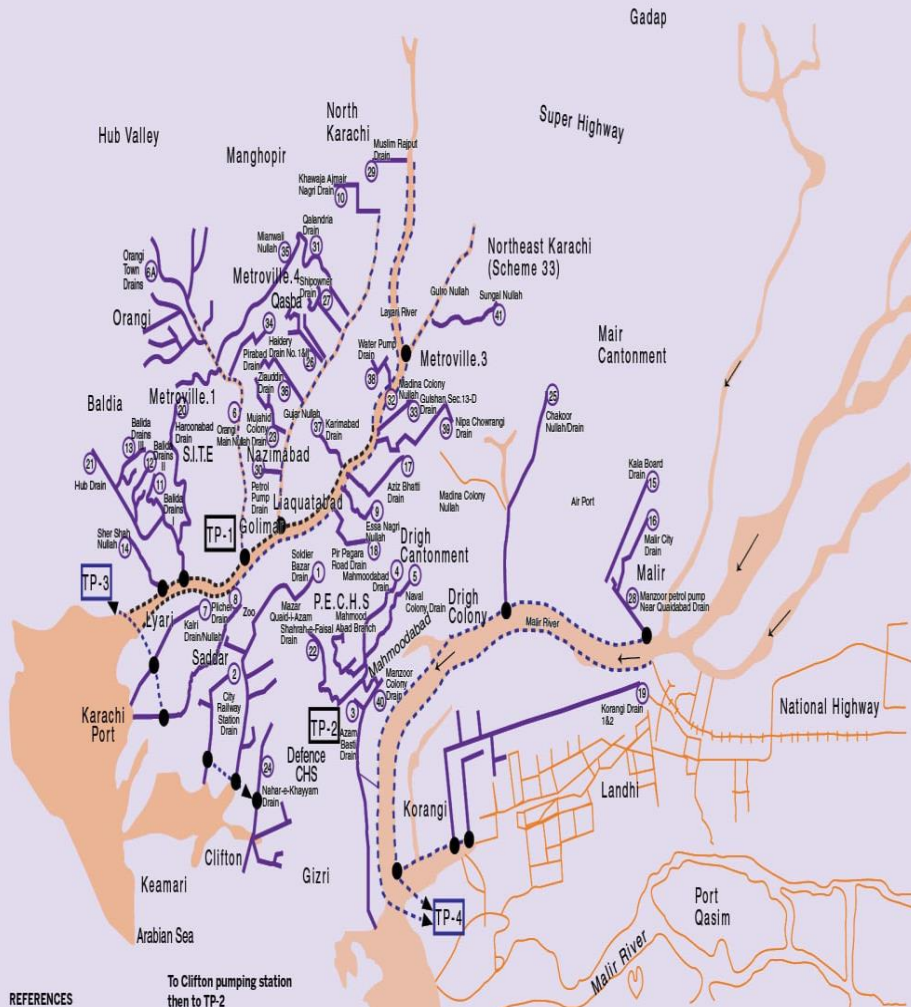


Table No.04

Karachi map showing the documented natural nullahs and drains (which are the main disposals for sewage and rain water) and the intergration of these with the mains and STPs.

CONCEPTUAL PLAN FOR A REALISTIC SEWAGE DISPOSAL SYSTEM



REFERENCES

To Clifton pumping station then to TP-2

EXISTING	PROPOSED
	Interceptors/box trunk
	TP Sewage treatment plant
	Intake chambers

S.No.	Name of Drain/Nullah	Length (ft)
1.	Soldier Bazar Drain +4 Branches	40000
2.	City Railway Station Drain	10825
3.	Azam Basti Drain	866
4.	Mahmoodabad Drain & Branch	27000
5.	Naval Colony Drain	11258
6.	Orangi Nullah Main (Banaras Chowk to Lyari Nadi)	19918
6A.	Orangi Town Drain	94234
7.	Kairi Drain / Nullah	9526
8.	Pitcher Drain	14700
9.	Essa Nagri Nullah And Welfare Colony Drain	7794
10.	Khawaja Ajmal Nagri Drain And North Karachi Sec. 11-A Drain	14000
11.	Baldia Drains - I	15715
12.	Baldia Drains - II	7000
13.	Baldia Drains - III	7784
14.	Sher Shah Nullah	6603
15.	Kala Board Drain	9310
16.	Malir City Drain	9959
17.	Aziz Bhatti Drain	13856
18.	Pir Pagara Road Drain	8877
19.	Korangi Drain I & 2	48496
20.	Haroonabad Drain	17753
21.	Hub Drain	23815
22.	Shahrah-e-Faisal Drain	6000
23.	Mujahid Colony Drain	12500
24.	Nahar-e-Khayyam Drain	5629
25.	Chakoor Nullah/Drain	23080
26.	Haideiry Drain I & II	15600
27.	Shipowner College Drain	6575
28.	Manzoor Petrol Pump to Islamia Kanta Malir (Near Qaidabad) Drain	900
29.	Muslim Rajput Colony Drain	2552
30.	Petrol Pump Drain	3350
31.	Qalandria Drain	17200
32.	Madina Colony Nullah	1299
33.	Gulshan-e-Iqbal Sec. 13-D Drain	9093
34.	Pirabad Drain	2598
35.	Mianwali Colony Nullah (Joins 6A)	11238
36.	Ziauddin Hospital Drain	16478
37.	Karimabad Drain	7000
38.	Water Pump Drain	5890
39.	NIPA Chowrangi Drain	15588
40.	Manzoor Colony Drain	11700
41.	Sungai Nullah	8660

Source: OPP-RTI