

NAME OF WORK: **Improvement of sewerage network by cleaning U/G sewer ,manholes & replace damage pipes in different streets of U C Murad Memon & UC Songal Gadap Zone.**

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	5000.00 Rft	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / electrically driven including accessories like pulley's steel rope bucket and draggers sizing from 6" to 18". Their to and fro pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage waster and finally passing s steel ball of dia 12" lesser that the diameter of pipe but not exceeding 48" ball enen for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with engines with winching drum set having steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to abour and other public property / lives and removal of silts sold during desilting and clearance of site etc complete as per full satisfaction of site Engineer. 12" dia	80/50	Per Ft	4,02,500/=
2	125 Nos	Cleaning and De-silting of manhall inspection chambers i/c cleaning and rodding of connected sewers (Average 50'-o) per manhole reconing sewage and solid wastes and throwing outside KMC limits (G.Schedule 2012 P-109/item 96)	474/83	P.M hole	59,354/=
3	5250.00 Cft	Excavation of pipe line in trenches and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer Incharge providing fence guards lights flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft & lead upto one chain (PHED Sch P.No.47/5)	4650.00	%Cft	24,413/=
4	500.00 Rft	Providing R.C.C pipes of rubbering joints and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure (PHED Sch P-18/b(2) (i,ii,iii)) For 12" dia	367.00	P Rft	1,83,500/=
5	4725.00 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 53/24)	2760.00	%o Cft	13,041/=
6	03 Nos	Construction of Manhole 4 ft dia 5 ft depth (inner dimension) as per approved design of K.W & S.B including the cost of excavation, 6 inch thick C.C 1:4:8 using stone ballast 2 inch and done gauge 9 inch thick C.C. 1:2:4 plain walls with finishing refilling the excavated stuff around structure curing etc complete as per directed engineer incharge	13707/=	Each	41,121/=
7	4.50.00 Rft 26.355.00 Rft	Add or less depth beyond 5 ft depth in manhole etc compete	3046/=	P Rft	(-)13707/=
			3046/=	P Rft	(+) 80,277/=

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Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
8	24 Nos	Manufacturing and supplying of precast RCC ring slab of 21" dia inner side and 36" dia outer side 7.5" width and 6" thick i/c 3/8" dia 8 Nos. cross link bars welded and two sunk type hooks casted in 1:1½:3 concrete with embedded 15kg CI frame in perfect position i/c transportation charges of average lead of 20km per trip from casting yard to town offices (a minimum of 25 slabs per trip will be transported)(PHED Sch P-No. 30/2)	1906.60	Each	45,758/=
9	24 Nos	Manufacturing and supplying manhole cover cast in 1:2:4 concrete ration 3" deep at center, reinforced with 3/8" dia tor steel bars at 4" C.C welded to 1/8" thick 2.5" deep MS plate i/c curing, stacking and transportation within 10 miles. (W.S. Sch P-27 / 1(a) 21" dia	913/63	Each	21,927/=

Amount Total (a) **Rs. 8,58,184/=**

_____ % Above / Below on the rates of CSR.

Amount to be added / deducted on the basis
Of premium quoted Total (b) _____

Total (A) = a+b in words & figures:

Contractor

Executive Engineer / Procuring Agency

(Cont.....Page No. 3)

Summary of Bill of Quantities

Cost of Bid Amount _____

1. (A) Cost based on composite Schedule of Rate _____

2. (B) Cost of based on Non / Offered Schedule of Rates. _____

TOTAL COST OF BID (C) = Total (A) + Total (B) _____

Contractor

Executive Engineer / Procuring Agency

NAME OF WORK: **Cleaning / Desilting of chowk sewerage lines in different streets Union Council
Maymarabad & Union Council Yousuf Goth Gadap Zone.****BILL OF QUANTITIES**

(A) Description and rate of Items based on Composite Schedule of Rates.

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	5000.00 Rft	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / electrically driven including accessories like pulley's steel rope bucket and draggers sizing from 6" to 18". Their to and fro pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage waster and finally passing s steel ball of dia 12" lesser that the diameter of pipe but not exceeding 48" ball enen for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with engines with winching drum set having steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to abour and other public property / lives and removal of silts sold during desilting and clearance of site etc complete as per full satisfaction of site Engineer. 12" dia	80/50	Per Ft	4,02,500/=
2	125 Nos	Cleaning and De-silting of manhall inspection chambers i/c cleaning and rodding of connected sewers (Average 50'-o) per manhole reconing sewage and solid wastes and throwing outside KMC limits (G.Schedule 2012 P-109/item 96)	474/83	P.M hole	59,354/=
3	5250.00 Cft	Excavation of pipe line in trenches and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer Incharge providing fence guards lights flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft & lead upto one chain (PHED Sch P.No.47/5)	4650.00	%Cft	24,413/=
4	500.00 Rft	Providing R.C.C pipes of rubbering joints and fixing in trenches i/c cutting fitting and jointing with rubber ring i/c testing with water to specified pressure (PHED Sch P-18/b(2) (i,ii,iii)) For 12" dia	367.00	P Rft	1,83,500/=
5	4725.00 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 53/24)	2760.00	% Cft	13,041/=
6	03 Nos	Construction of Manhole 4 ft dia 5 ft depth (inner dimension) as per approved design of K.W & S.B including the cost of excavation, 6 inch thick C.C 1:4:8 using stone ballast 2 inch and done gauge 9 inch thick C.C. 1:2:4 plain walls with finishing refilling the excavated stuff around structure curing etc complete as per directed engineer incharge	13707/=	Each	41,121/=
7	4.50.00 Rft 26.67.00 Rft	Add or less depth beyond 5 ft depth in manhole etc complete	3046/=	P Rft	(-)13707/=
			3046/=	P Rft	(+) 81,237/=

Page No. 2 (Work No.02)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
8	24 Nos	Manufacturing and supplying of precast RCC ring slab of 21" dia inner side and 36" dia outer side 7.5" width and 6" thick i/c 3/8" dia 8 Nos. cross link bars welded and two sunk type hooks casted in 1:1½:3 concrete with embedded 15kg CI frame in perfect position i/c transportation charges of average lead of 20km per trip from casting yard to town offices (a minimum of 25 slabs per trip will be transported)(PHED Sch P-No. 30/2)	1906.60	Each	45,758/=
9	24 Nos	Manufacturing and supplying manhole cover cast in 1:2:4 concrete ration 3" deep at center, reinforced with 3/8" dia tor steel bars at 4" C.C welded to 1/8" thick 2.5" deep MS plate i/c curing, stacking and transportation within 10 miles. (W.S. Sch P-27 / 1(a) 21" dia	913/63	Each	21,927/=

Amount Total (a) **Rs. 8,59,144/=**

_____ % Above / Below on the rates of CSR.

Amount to be added / deducted on the basis
Of premium quoted Total (b) _____

Total (A) = a+b in words & figures:

Contractor

Executive Engineer / Procuring Agency

(Cont.....Page No. 3)

Summary of Bill of Quantities

Cost of Bid Amount_____

1. (A) Cost based on composite Schedule of Rate _____

2. (B) Cost of based on Non / Offered Schedule of Rates. _____

TOTAL COST OF BID (C) = Total (A) + Total (B) _____

Contractor

Executive Engineer / Procuring Agency

NAME OF WORK: **Providing / Laying Sewerage line & cleaning of underground sewer pipes for improvement of Sewerage network in different places of UC Gujro & UC Manghopir Gadap Zone.**

BILL OF QUANTITIES

(A) Description and rate of Items based on Composite Schedule of Rates.

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
1	5000.00 Rft	Cleaning inside sewerage lines completely restoring original silt free space / diameter of pipe lines by labour and equipment (Mechanically / electrically driven including accessories like pulley's steel rope bucket and draggers sizing from 6" to 18". Their to and fro pulling action (No of passes shall be as many as required) would be taken in two phases (First phase entire length from down stream to up stream) bringing down peak hours sewerage to flow inside pipe line (as free flow) and in second phase from up stream to down stream of entire length ensuring no silt is observed in buckets (6" dia to 18" dia) except only sewage waster and finally passing s steel ball of dia 12" lesser than the diameter of pipe but not exceeding 48" ball enen for larger dia pipe to ensure perfect cleaning. The job includes all the hire / cost of equipment and accessories of above winching machine / devices along with engines with winching drum set having steel rope pully mounted over it, steel bucket fro 6" to 18" dia hooks and other protection likes safety barriers, traffic signs, traffic cones ensuring no damage to pipe along with ensuring safety to abour and other public property / lives and removal of silts sold during desilting and clearance of site etc complete as per full satisfaction of site Engineer. 12" dia	80/50	Per Ft	4,02,500/=
2	125 Nos	Cleaning and De-silting of manhall inspection chambers i/c cleaning and rodding of connected sewers (Average 50'-o) per manhole reconing sewage and solid wastes and throwing outside KMC limits (G.Schedule 2012 P-109/item 96)	474/83	P.M hole	59,354/=
3	5250.00 Cft	Excavation of pipe line in trenches and pits in all kind of soils i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade, cutting joints holes and disposal of surplus earth within a one chain as directed by Engineer Incharge providing fence guards lights flags and temporary crossings for non-vehicular traffic where ever required lift upto 5 ft & lead upto one chain (PHED Sch P.No.47/5)	4650.00	%Cft	24,413/=
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5	4725.00 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 53/24)	2760.00	% Cft	13,041/=
6	03 Nos	Construction of Manhole 4 ft dia 5 ft depth (inner dimension) as per approved design of K.W & S.B including the cost of excavation, 6 inch thick C.C 1:4:8 using stone ballast 2 inch and done gauge 9 inch thick C.C. 1:2:4 plain walls with finishing refilling the excavated stuff around structure curing etc complete as per directed engineer incharge	13707/=	Each	41,121/=
7	4.50.00 Rft 25.85.00 Rft	Add or less depth beyond 5 ft depth in manhole etc compete	3046/=	P Rft	(-)13707/=
			3046/=	P Rft	(+) 78,739/=

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Page No. 2 (Work No.03)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
8	24 Nos	Manufacturing and supplying of precast RCC ring slab of 21" dia inner side and 36" dia outer side 7.5" width and 6" thick i/c 3/8" dia 8 Nos. cross link bars welded and two sunk type hooks casted in 1:1½:3 concrete with embedded 15kg CI frame in perfect position i/c transportation charges of average lead of 20km per trip from casting yard to town offices (a minimum of 25 slabs per trip will be transported)(PHED Sch P-No. 30/2)	1906.60	Each	45,758/=
9	24 Nos	Manufacturing and supplying manhole cover cast in 1:2:4 concrete ration 3" deep at center, reinforced with 3/8" dia tor steel bars at 4" C.C welded to 1/8" thick 2.5" deep MS plate i/c curing, stacking and transportation within 10 miles. (W.S. Sch P-27 / 1(a) 21" dia	913/63	Each	21,927/=

Amount Total (a) **Rs. 8,56,646/=**

_____ % Above / Below on the rates of CSR.

Amount to be added / deducted on the basis
Of premium quoted Total (b) _____

Total (A) = a+b in words & figures:

Contractor

Executive Engineer / Procuring Agency

(Cont.....Page No. 3)

Summary of Bill of Quantities

Cost of Bid Amount _____

1. (A) Cost based on composite Schedule of Rate _____

2. (B) Cost of based on Non / Offered Schedule of Rates. _____

TOTAL COST OF BID (C) = Total (A) + Total (B) _____

Contractor

Executive Engineer / Procuring Agency

DISTRICT MUNICIPAL CORPORATION MALIR

EVALUATION CRITERIA

Eligibility / Qualification Criteria:

S. No.	Eligibility /Qualification Criteria	M/S	M/S	M/S
1.	NTN			
2.	Sales Tax Registration			
3.	Professional Tax			
4.	Registration certificate with Sindh Revenue Board			
5.	<u>QUALIFICATION CRITERIA:</u>			
6.	Minimum Two year's experience of relevant field.			
7.	Turnover of at least last three years			
8	Required Bid Security is attached.			
9	Bid is signed, named and stamped by the authorized person of the firm along with authorization letter.			
10	Qualified / Disqualified			

Mr.Khalifo Nazeer Ahmed (Chairman)
Superintending Engineer
DMC (Malir)

Mr.AmanullahWatio (Member)
Executive Engineer
DMC South

Mr.Nasrullah Memon(Member)
Executive Engineer
Gadap Zone(DMC Malir)