

NAME OF WORK: Improvement of Sewerage system in different streets of UC Murad Memon 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	13200.0 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	61,380/-
2	300.0 Rft 800.0 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)) (i) For 8" dia (ii) For 12" dia	206.00 367.00	P Rft P Rft	61,800/- 2,93,600/-
3	11880.0 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	32,789/-
4	35 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	11295/-	Each	3,95,325/-
5	25.20 Rft	Add or less depth beyond 5 ft depth in manhole etc complete (Less depth 1 x 25.20 = 25.20 Rft)	2510/-	P Rft	(-) 63,252/-
6	35 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	66,731/-
7	35 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	31,977/-

Amount Total (a) Rs. 8, 80,350/-

\_\_\_\_\_ % 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 &amp; figures:

Executive Engineer / Procuring Agency

(Cont.....Page No. 2)

SEWRA INWARD DIARY  
NO: 8319  
DATE: 28-11-14  
ContractorPh. 2024 470112.  
WT  
8/12

**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: Repair / Maintenance and Replacing Jiyapo Hand Pumps at different places of  
Moidan, Mahar Jabal Area UC Gadap 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	1490.00 Rft	Development of tube well testing charges of samples for laboratory (PHED Sch P/43 item 8(a))	200/=	P Rft	2,98,000/=
<b>Amount Total (a)</b>					<b>Rs. 2,98,000/=</b>

\_\_\_\_\_ % 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**

**BILL OF QUANTITIES**

(B) Description and rate of Items based on Market (Offered rates)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
13	20 Nos	Repair of HAND PUMP (partially or completely) In Partially replace of parts i.e. plunger cylinder cone rope aluminum rods with rubber bush PVC pipe of class D 2" dia i/c dismantling and refixing the same i/c repair / Construction of cement concrete plate form etc complete in all respect as directed by Engineer incharge		Each	

Total (B) in words & figures: \_\_\_\_\_

**Contractor**

**Executive Engineer / Procuring Agency**

**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.

\_\_\_\_\_

**TCTAL COST OF BID ( C ) = Total (A) + Total (B)**

\_\_\_\_\_

**Contractor**

**Executive Engineer / Procuring Agency**

NAME OF WORK: **Repair / Maintenance and Replacing Jiyapo Hand Pump at different places of  
UC Darsano Channo 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	1470.00 Rft	Development of tube well testing charges of samples for laboratory (PHED Sch P/43 item 8(a))	200/=	P Rft	2,94,000/=

Amount Total (a) **Rs. 2,94,000/=**

\_\_\_\_\_ % 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

**BILL OF QUANTITIES**

(B) Description and rate of Items based on Market (Offered rates)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
13	20 Nos	Repair of HAND PUMP (partially or completely) In Partially replace of parts i.e. plunger cylinder cone rope aluminum rods with rubber bush PVC pipe of class D 2" dia i/c dismantling and refixing the same i/c repair / Construction of cement concrete plate form etc complete in all respect as directed by Engineer incharge		Each	

Total (B) in words & figures: \_\_\_\_\_

Contractor

Executive Engineer / Procuring Agency

**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: Repair / Maintenance and Replacing Jiyapo Hand Pump at different places of UC Gadap & 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	1450.00 Rft	Development of tube well testing charges of samples for laboratory (PHED Sch P/43 item 8(a))	200/=	P Rft	2,90,000/=
Amount Total (a)					<b><u>Rs. 2,90,000/=</u></b>

\_\_\_\_\_ % 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

**BILL OF QUANTITIES**

(B) Description and rate of Items based on Market (Offered rates)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
1	2	3	4	5	6
13	20 Nos	Repair of HAND PUMP (partially or completely) In Partially replace of parts i.e. plunger cylinder cone rope aluminum rods with rubber bush PVC pipe of class D 2" dia i/c dismantling and refixing the same i/c repair / Construction of cement concrete plate form etc complete in all respect as directed by Engineer incharge		Each	

Total (B) in words & figures: \_\_\_\_\_

Contractor

Executive Engineer / Procuring Agency

**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: **Construction of Surface Water Tank at different villages of UC Darsano Channo  
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	1680.00 Cft	Excavation for tanks & reservoirs in all kind soils murrum hard average or soft i/c trimming & dressing sides to true alignment / design section s / profiles & shape leveling of beds of tanks to correct level & grade i/c laying of earths in 6" layer for construction of banks & dressing & disposals of surplus excavated earth within one chain as directed by Engineer incharge i/c providing fence guards lights flags where ever equired lift upto 5' & lead upto one chain	4050/=	% 0 Cft	6,804/=
2	1380.00 Cft	Providing / Laying cement concrete brick or stone ballast 1-1/2" to 2" gauge etc complete ( in ratio 1 : 4 : 8 )	9416/28	% Cft	1,29,945/=
3	572.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 8" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (22	14268/53	% Cft	81,616/=
4	1050.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (23)	14621/44	% Cft	1,53,525/=
5	500.00 Cvft	P/L cement concrete plain including placing compacting finishing & curing etc complete i/c screening and washing stone aggregate without shuttering (Gen Sch P-15/ 5 f)(in ratio 1:2:4 )	14429/25	% Cft	72,146/=
6	26.51 Cwt	Fabrication of mild steel reinforcement using tore bars for cement concrete i/c cutting laying bending in positon making joints & fastening i/c cost of binding wire (also i/c removal of rust from bars) etc complete (Gen Sch P-18/7.b)	5001/70	P.Cwt	1,32,595/=
7	594.00 Cft	Reinforced cement concrete work i/c all labour ^ material except the cost of steel reinforcement & its labour for binding & binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing, rendering & finishing the exposed surface ( i/c screening & washing of single ) a) RCC work in roof slab beams columns rafts lintels & other structural members laid in situ precast laid in position complete in all respect ( 90) lbs cement 2 cft sand 4 cft single 8 to 1/4 gauge ) etc complete ( Gen Sch P-18/6-a (1) ( Ratio 1 : 2 : 4 )	337/=	P-Cft	2,00,178/=
8	1210.00 Sft	Providing and laying 2" thick topping cement concrete (1:2:4) I/C surface finishing and dividing into panels: ( Gen Sch P-41/16 (b)	3275.50	% Sft	39,634/=

Page No. 2 (Work No. 05)

9	5640.00 Sft	Providing / Laying Cement Plaster ¾" thick in 1:4 ration upto 20 ft height etc complete(Gen Sch P-57 / 11 (b-c)	3015/76	% Sft	1,70,089/=
10	150 KG	P / Fixing C.I Manhole cover size 18 x 18 weight upto 15 kg etc complet	85/=	P KG	12,750/=
11	120.00 Rft	Providing G.I pipe & special etc including fixing cutting & fitting complete with 7 i/c the cost of cutting trench upto 2-1/2 feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paints to pipe & specials after cleaning & Hessian cloth soaked in maxphal composition wrapped tightly round pipe and testing to a pressure head of 200 feet and handling (Sanitary P-12/vi)	95/79	P Rft	11,495/=
12	40 Nos	Providing / Fixing Full way gun metal valves with wheel threaded or flanged ends with rubber washer standard pattern etc complete (PHED W.S Sch 17 / 4-A ) ¾" dia	227/92	Each	9,117/=

Amount Total (a) Rs. 10,19,894/=

\_\_\_\_\_ % 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 &amp; 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: Construction of Surface Water Tank at different villages of UC Gadap, 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	1680.00 Cft	Excavation for tanks & reservoirs in all kind soils murrum hard average or soft i/c trimming & dressing sides to true alignment / design section s / profiles & shape leveling of beds of tanks to correct level & grade i/c laying of earths in 6" layer for construction of banks & dressing & disposals of surplus excavated earth within one chain as directed by Engineer incharge i/c providing fence guards lights flags where ever equired lift upto 5' & lead upto one chain	4050/=	% 0 Cft	6,804/=
2	1380.00 Cft	Providing / Laying cement concrete brick or stone ballast 1-1/2" to 2" gauge etc complete ( in ratio 1 : 4 : 8 )	9416/28	% Cft	1,29,945/=
3	572.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 8" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (22	14268/53	% Cft	81,616/=
4	1050.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (23)	14621/44	% Cft	1,53,525/=
5	500.00 Cvft	P/L cement concrete plain including placing compacting finishing & curing etc complete i/c screening and washing stone aggregate without shuttering (Gen Sch P-15/ 5 f)(in ratio 1:2:4 )	14429/25	% Cft	72,146/=
6	26.51 Cwt	Fabrication of mild steel reinforcement using tore bars for cement concrete i/c cutting laying bending in positon making joints & fastening i/c cost of binding wire (also i/c removal of rust from bars) etc complete (Gen Sch P-18/7.b)	5001/70	P.Cwt	1,32,595/=
7	594.00 Cft	Reinforced cement concrete work i/c all labour ^ material except the cost of steel reinforcement & its labour for binding & binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing, rendering & finishing the exposed surface ( i/c screening & washing of single ) a) RCC work in roof slab beams columns rafts lintels & other structural members laid in situ precast laid in position complete in all respect ( 90) lbs cement 2 cft sand 4 cft single 8 to 1/4 gauge ) etc complete ( Gen Sch P-18/6-a (1) ( Ratio 1 : 2 : 4 )	337/=	P-Cft	2,00,178/=
8	1210.00 Sft	Providing and laying 2" thick topping cement concrete (1:2:4) I/C surface finishing and dividing into panels: ( Gen Sch P-41/16 (b)	3275.50	% Sft	39,634/=

(Cont.....Page No. 2)

Page No. 2 (Work No. 06)

9	5640.00 Sft	Providing / Laying Cement Plaster ¾" thick in 1:4 ration upto 20 ft height etc complete(Gen Sch P-57 / 11 (b-c)	3015/76	% Sft	1,70,089/=
10	150 KG	P / Fixing C.I Manhole cover size 18 x 18 weight upto 15 kg etc complet	85/=	P KG	12,750/=
11	20.00 Rft	Providing G.I pipe & special etc including fixing cutting & fitting complete with 7 i/c the cost of cutting trench upto 2-1/2 feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paints to pipe & specials after cleaning & Hessian cloth soaked in maxphal composition wrapped tightly round pipe and testing to a pressure head of 200 feet and handling (Sanitary P-12/vi)	95/79	P Rft	11,495/=
12	40 Nos	Providing / Fixing Full way gun metal valves with wheel threaded or flanged ends with rubber washer standard pattern etc complete (PHED W.S Sch 17 / 4-A ) ¾" dia	227/92	Each	9,117/=

Amount Total (a) Rs. 10,19,894/=

\_\_\_\_\_ % 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 &amp; 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.	_____
<b>TOTAL COST OF BID ( C ) = Total (A) + Total (B)</b>	_____

Contractor

Executive Engineer / Procuring Agency

NAME OF WORK: Construction of Surface Water Tank at different villages of UC Songal, Gadap

**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	1680.00 Cft	Excavation for tanks & reservoirs in all kind soils murrum hard average or soft i/c trimming & dressing sides to true alignment / design sections / profiles & shape leveling of beds of tanks to correct level & grade i/c laying of earths in 6" layer for construction of banks & dressing & disposals of surplus excavated earth within one chain as directed by Engineer incharge i/c providing fence guards lights flags where ever equired lift upto 5' & lead upto one chain	4050/=	% 0 Cft	6,804/=
2	1380.00 Cft	Providing / Laying cement concrete brick or stone ballast 1-1/2" to 2" gauge etc complete ( in ratio 1 : 4 : 8 )	9416/28	% Cft	1,29,945/=
3	572.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 8" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (22	14268/53	% Cft	81,616/=
4	1050.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement sand mortar in ground floor super stricture including raking out joints & curing etc complete(Sch Buil P-18 (23)	14621/44	% Cft	1,53,525/=
5	500.00 Cvft	P/L cement concrete plain including placing compacting finishing & curing etc complete i/c screening and washing stone aggregate without shuttering (Gen Sch P-15/ 5 f)(in ratio 1:2:4 )	14429/25	% Cft	72,146/=
6	26.51 Cwt	Fabrication of mild steel reinforcement using tore bars for cement concrete i/c cutting laying bending in positon making joints & fastening i/c cost of binding wire (also i/c removal of rust from bars) etc complete (Gen Sch P-18/7.b)	5001/70	P.Cwt	1,32,595/=
7	594.00 Cft	Reinforced cement concrete work i/c all labour ^ material except the cost of steel reinforcement & its labour for binding & binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing, rendering & finishing the exposed surface ( i/c screening & washing of single ) a) RCC work in roof slab beams columns rafts lintels & other structural members laid in situ precast laid in position complete in all respect ( 90) lbs cement 2 cft sand 4 cft single 8 to 1/4 gauge ) etc complete ( Gen Sch P-18/6-a (1) ( Ratio 1 : 2 : 4 )	337/=	P-Cft	2,00,178/=
8	1210.00 Sft	Providing and laying 2" thick topping cement concrete (1:2:4) I/C surface finishing and dividing into panels: ( Gen Sch P-41/16 (b)	3275.50	% Sft	39,634/=

(Cont.....Page No. 2)

Page No. 2 (Work No. 07)

9	5640.00 Sft	Providing / Laying Cement Plaster 3/4" thick in 1:4 ration upto 20 ft height etc complete(Gen Sch P-57 / 11 (b-c)	3015/76	% Sft	1,70,089/-
10	150 KG	P / Fixing C.I Manhole cover size 18 x 18 weight upto 15 kg etc complet	85/-	P KG	12,750/-
11	120.00 Rft	Providing G.I pipe & special etc including fixing cutting & fitting complete with 7 i/c the cost of cutting trench upto 2-1/2 feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paints to pipe & specials after cleaning & Hessian cloth soaked in maxphal composition wrapped tightly round pipe and testing to a pressure head of 200 feet and handling (Sanitary P-12/vi)	95/79	P Rft	11,495/-
12	40 Nos	Providing / Fixing Full way gun metal valves with wheel threaded or flanged ends with rubber washer standard pattern etc complete (PHED W.S Sch 17 / 4-A ) 3/4" dia	227/92	Each	9,117/-

Amount Total (a) Rs. 10,19,894/-

\_\_\_\_\_ % 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 &amp; 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 Mallr Karachi (Gadap Zone)

(Engineering Branch)

NAME OF WORK: Improvement of Sewerage system in different villages of UC Manghopir  
Gadap Zone

## MEASUREMENT / CUM ABSTRACT

Sr. No	Description	Quantity	Rate	Unit	Amount
1	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)  11x100 x 3.0 x 4.0 = 13200.0 Cf	13200.0 Cf	4650.00	%Cf	61,380/=
2	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))  (i) For 8" dia 3 x 100.0 = 300.0 Rft (ii) For 12" dia 8 x 100 = 800.0 Rft	300.0 Rft 800.0 Rft	206.00 367.00	P Rft P Rft	61,800/= 2,93,600/=
3	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 53/24)  13200 x 90% = 11880.00 Cf 100	11880.0 cft	2760.00	% Cf	32,789/=
4	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  1 x 35 = 33 Nos	35 Nos	11295/=	Each	3,95,325/=
5	Add or less depth beyond 5 ft depth in manhole etc complete (Less depth 35 x 0.75 + 0.68 = 25.20 Rft) 2	25.20 Rft	2510/=	P Rft	(-) 63,252/=
6	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 brs 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)  1x35 = 35 Nos.	35 Nos.	1906.60	Each	66,731/=
7	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 1x35 = 35 Nos.	35 Nos.	913/63	Each	31,977/=

<b>TOTAL</b>	<b>8,80,350/=</b>
Add 20% Above except item 04	<b>1,09,655/=</b>
<b>Total Rs.</b>	<b>9,90,005/=</b>
<b>Say Rs.</b>	<b>9,90,000/=</b>

Sub Engineer

A.E.E

Executive Engineer

**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 :- **Improvement of Water Supply Scheme at Abdul Rehman Chutto Goth of  
UC Gadap 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	2011.00 Cft	Wet sinking of wells for depth below spring level by means of Devers including all charges for shoring loading and removing excavated material within (x) 45' to any depth ( Gen Sch Page 86/87 (x)	226168/22	% 0 Cft	2,54,824/=
2	9100.00 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.62/5)	4650.00	%Cft	41,850/=
3	2100.00 Rft	Providing PVC pipes of Class "C" (equivalent make) Prince pipe fixing in trench i/c cutting, fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head of 91.5 meter or 300 ft. (P.H.E.D) P-24/ 5 a.c.d). 3" Dia	107/=	P Rft	2,14,000/=
4	06 Nos 06 Nos 12 Nos	Supplying and fixing PVC fittings for Z joint pipes etc. Complete (i) Tee 3" Dia (ii) Bend 3" Dia (iii) Elbow 3" Dia	361.00 475.00 350.00	Each Each Each	2,166/= 2,850/= 4,200/=
5	01 No	Providing / Fixing Full way gun metal valves with wheel threaded or flanged ends with rubber washer standard pattern etc complete (PHED W.S Sch 17 / 4-A) 3" Dia	1940/84	Each	1,941/=
6	01 No	Supplying / Fixing 3" dia Air valve with flange ends rubber washer nut bolts heavy pattern etc complete (R.A)	4000/=	Each	4000/=
7	02 Nos	Providing Chamber size 3' x 2' x 4.5' deep as per approved design for sluice valve 3" to 12" dia with 18" dia CI cover with frame fixed in RCC slab 9" thick block masonry wall set in 1:6 cement mortar 6" thick 1/2" thick cement plaster 1.4 cm including curing excavation backfilling and disposal of surplus earth etc, complete. (PHED Sch. Pg.49/q-1)	18820.00	Each	37,640/=
8	8100.00 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 77/24)	2760.00	% Cft	22,356/=
9	672.00 Cft	Excavation for tanks & reservoirs in all kind soils murrum hard average or soft i/c trimming & dressing sides to true alignment / design section s / profiles & shape leveling of beds of tanks to correct level & grade i/c laying of earths in 6" layer for construction of banks & dressing & disposals of surplus excavated earth within one chain as directed by Engineer incharge i/c providing fence guards lights flags where ever equired lift upto 5' & lead upto one chain	4050/=	% 0 Cft	2,722/=
10	512.00 Cft	Providing / Laying cement concrete brick or stone ballast 1-1/2" to 2" gauge etc complete ( in ratio 1 : 4 : 8 )	9416/28	% Cft	51,978/=

(Cont.....Page No. 2)

Sr. No	Quantities	Description of item to be executed at site	Rate	Unit	Amount in Rupees
11	228.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 8" and below in thickness set in 1:6 cement sand mortar in ground floor super structure including raking out joints & curing etc complete(Sch Buil P-18 (22)	14268/53	% Cft	32,532/=
12	420.00 Cft	Providing / Laying 1:3:6 cement concrete Solid Block masonry wall 6" and below in thickness set in 1:6 cement sand mortar in ground floor super structure including raking out joints & curing etc complete(Sch Buil P-18 (23)	14621/44	% Cft	61,410/=
13	200.00 Cft	P/L cement concrete plain including placing compacting finishing & curing etc complete i/c screening and washing stone aggregate without shuttering (Gen Sch P-15/ 5 f)(in ratio 1:2:4)	14429/25	% Cft	28,859/=
14	8.46 Cwt	Fabrication of mild steel reinforcement using tore bars for cement concrete i/c cutting laying bending in position making joints & fastening i/c cost of binding wire (also i/c removal of rust from bars) etc complete (Gen Sch P-18/7.b)	5001/70	P.Cwt	42,314/=
15	237.00 Cft	Reinforced cement concrete work i/c all labour ^ material except the cost of steel reinforcement & its labour for binding & binding which will be paid separately. This rate also i/c all kinds of forms moulds lifting shuttering curing, rendering & finishing the exposed surface ( i/c screening & washing of single ) a) RCC work in roof slab beams columns rafts lintels & other structural members laid in situ precast laid in position complete in all respect ( 90) lbs cement 2 cft sand 4 cft single 8 to 1/4 gauge ) etc complete ( Gen Sch P-18/6-a (1) ( Ratio 1: 2 : 4 )	337/=	P-Cft	79,869/=
16	484.00 Sft	Providing and laying 2" thick topping cement concrete (1:2:4) I/C surface finishing and dividing into panels: ( Gen Sch P-41/16 (b)	3275.50	% Sft	15,853/=
17	2256.00 Sft	Providing / Laying Cement Plaster 3/4" thick in 1:4 ration upto 20 ft height etc complete(Gen Sch P-57 / 11 (b-c)	3015/76	% Sft	68,036/=
18	60 KG	P / Fixing C.I Manhole cover size 18 x 18 weight upto 15 kg etc complet	85/=	P KG	5,100/=
19	48.00 Rft	Providing G.I pipe & special etc including fixing cutting & fitting complete with 7 i/c the cost of cutting trench upto 2-1/2 feet deep refilling watering ramming and disposal of surplus earth within one chain and painting 2 coats of bitumen paints to pipe & specials after cleaning & Hessian cloth soaked in maxphal composition wrapped tightly round pipe and testing to a pressure head of 200 feet and handling (Sanitary P-12/vi)	95/79	P Rft	4,598/=
20	16 Nos	Providing / Fixing Full way gun metal valves with wheel threaded or flanged ends with rubber washer standard pattern etc complete (PHED W.S Sch 17 / 4-A) 3/4" dia	227/92	Each	3,647/=

Amount Total (a) Rs. 9,82,745/=

\_\_\_\_\_ % 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 &amp; 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.	_____
<b>TOTAL COST OF BID ( C ) = Total (A) + Total (B)</b>	_____

Contractor

Executive Engineer / Procuring Agency

NAME OF WORK: Supply of Manhole Covers & Ring Slabs at different streets of UC Maymarabad & Gujro Gdap 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	214 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 20 km 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	4,08,012.00
2	214 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. (PHED. Sch P-30 / 1(a, b) (a) 21" dia	913.63	Each	1,95,517.00
	214 Nos.	(b) 24" dia	1051.25	Each	2,24,968.00

Amount Total (a) Rs. 8,28,497/=

\_\_\_\_\_ % 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 &amp; figures:

Contractor

Executive Engineer / Procuring Agency

(Cont.....Page No. 2)



**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: P/L Water Supply lines at Master Ghulam Qadir Goth, Siddique Goth & Ahmed Brohi Goth 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	39750.00 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.62/5)	4650.00	%Cft	1,84,838/=
2	5300.00 Rft	Providing PVC pipes of Class "C" (equivalent make) Prince pipe fixing in trench i/c cutting, fitting and jointing with "Z" joint with one rubber ring i/c testing with water to head of 91.5 meter or 300 ft. (P.H.E.D) P-24/ 5 a.c.d). 2" Dia	55/=	P Rft	2,91,500/=
3	10 Nos 20 Nos 38 Nos 20 Nos	Supplying and fixing PVC fittings for Z joint pipes etc. Complete (i) Tee 2" Dia (ii) Bend 2" Dia (iii) Socket 2" Dia (iv) Elbow 2" Dia	159.00 160.00 98.00 225.00	Each Each Each Each	1,590/= 3,200/= 3,724/= 4,500/=
4	10 Nos	Providing / Fixing Full C.I Sluice valve heavy pattern flanges ended etc complete ( important) 2" Dia	4000/=	Each	40,000/=
5	03 Nos	Supplying / Fixing 3" dia Air valve with flange ends rubber washer nut bolts heavy pattern etc complete (R.A)	4000/=	Each	12,000/=
6	10 Nos	Providing Chamber size 3' x 2' x 4.5' deep as per approved design for sluice valve 3" to 12" dia with 18" dia CI cover with frame fixed in RCC slab 9" thick block masonry wall set in 1:6 cement mortar 6" thick 1/2" thick cement plaster 1:4 cm including curing excavation backfilling and disposal of surplus earth etc, complete. (PHED Sch. Pg.49/q-1)	18820.00	Each	1,88,200/=
7	35775.00 Cft	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHED Sch P-No. 77/24)	2760.00	% Cft	98,739/=

Amount Total (a) **Rs. 8,28,291/=**

\_\_\_\_\_ % 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 &amp; figures:

Contractor

Executive Engineer / Procuring Agency

(Cont.....Page No. 2)

**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