



OFFICE OF THE EXECUTIVE ENGINEER,
PUBLIC HEALTH ENGINEERING DIVISION
SHAHEED BENAZIR ABAD

Phone/ Fax: 0244-9370051
Email: phediv.benazirabad@gmail.com

No. AB/T.C/N.I.T/ 2065 /of 2017

SBA, dated/ 8 / 12 /2017

1. M/s. Haji Sirajuddin Soomro
2. M/s. MBC & Sons
3. Mr. Muhammad Iqbal Shaikh & Co

NOTICE INVITING BIDS

SUBJECT: **REHABILITATION OF URBAN WATER SUPPLY SCHEME NAWABSHAH TOWN FOR ADDITIONAL RISING MAIN 28" DIA FROM ROHRI CANAL WATER WORKS UPTO UF PLANT AT QUEST DISTRICT SHAHEED BENAZIRABAD.**

REFERENCE: **PRE-QUALIFICATION LETTER NO- AB/TC/P.Q/1908 OF DATED: 14/11/2017.**

We are appreciating your participation in the Pre-qualification under the reference for the subjected Scheme. I am directed to inform you that as per Evaluation Report of the Procurement Committee your firm has been Qualified.

You are required to collect Tender Documents from 08-12-2017 to 25-12-2017 during office hours in the office of undersigned alongwith specified bid security in the shape of Call deposit from any schedule bank in favor of Executive Engineer Public Health Engineering Division Shaheed Benazirabad.

The Sealed Tenders will be received back on 26-12-2017 upto 1.00 pm in the office of Executive Engineer Public Health Engineering Division Shaheed Benazirabad and will be opened on same day at 2:00 pm in presence of tender opening / evaluation committee & bidders or their authorized representatives who wish to be present.

"SEPARATE WORK SHEET ATTACHED"

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
SHAHEED BENAZIR ABAD


Copy F.W.C's to the: -

1. The Chief Engineer PHED Govt: of Sindh Sukkur for favour of his kind information.
2. The Secretary to Government of Sindh Information Technology Department 1st Floor, Sindh Secretariat No. 6 Karachi for display on the Sindh Government website.
3. The Director (C.B), Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh, Barrack No. 8 Secretariat No. 4 A, Court Road Karachi for kind information.
4. The Deputy Commissioner Shaheed Benazir Abad for favour of his kind information.
5. The Superintending Engineer Public Health Engineering Circle Sukkur for his kind information.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
SHAHEED BENAZIR ABAD

LIST OF TENDERS

S. No	Description	Estimated Cost	Earnest Money 5%	Tender Fee	Completion Period
<u>PROVINCIAL ADP 2017-18</u>					
1.	Providing, Laying, Jointing & Testing Black Steel Pipe line 28" dia, Pump House & Sump Well for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shaheed Benazir Abad	319,700,000/-	15,985,000/-	3,000/-	(12 Months)
2.	Construction of RCC Clear Water Tank (1 No:) at QUEST for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shaheed Benazir Abad	24,700,000/-	1,235,000/-	3,000/-	(12 Months)
3.	Construction of RCC Clear Water Tank (1 No:) i/c Pump House at Gajrah Wah Water Works for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shaheed Benazir Abad	26,300,000/-	1,315,000/-	3,000/-	(12 Months)


EXECUTIVE ENGINEER
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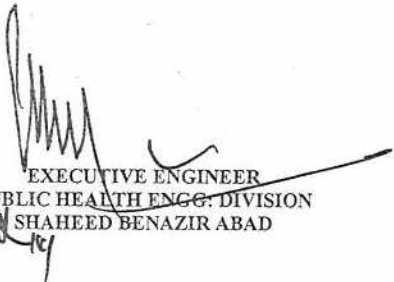
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2.	Construction of RCC Clear Water Tank (1 No:) at QUEST for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shaheed Benazir Abad	24,700,000/-	1,235,000/-	3,000/-	(12 Months)
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EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

Name of Work CONSTRUCTION OF RCC CLEAR WATER TANK (1 NO) AT QUEST FOR REHABILITATION OF URBAN WATER SUPPLY SCHEME NAWABSHAH TOWN FOR ADDITIONAL RISING MAIN 28" DIA FROM ROHRI CANAL WATER WORKS UPTO UF PLANT AT QUEST DISTRICT SHAHEED BENAZIRABAD.

PART-A RCC CLEAR WATER TANK @ QUEST SIZE (160x80)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation for tanks & reservoir in soft soil i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)				
	0'-5' depth	P: %0 Cft:	44352.0	3000.0	133,056
2	Excavation for tanks & reservoir in Wet soil clay or mud i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-74)				
	0'-5' depth	P: %0 Cft:	29568.0	4800.0	141,926
	5'-8' depth	P: %0 Cft:	14784.0	5350.0	79,094
3	Excavation for tanks & reservoir in Sulshy & daldaly i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 15 P-49)				
	5'-8' depth	P: %0 Cft:	29568.0	7750.0	229,152
	8'-11' depth	P: %0 Cft:	44352.0	8300.0	368,122
4	Bailing or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work foundation etc (PHSI No. 18 P-75)	P: % Cft:	147840.0	543.00	802,771
5	Cement concrete brick or stone ballast 1 ½" to 2" gauge Ratio 1:4:8 (GSI No. 4 P-17)	P: % Cft:	14784.00	9416.28	1,392,103
6	RCC work i/c all labour and material expect the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rates also i/c of kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing or single (a) RCC work in roof slab beams columns rafts lintels and other structural remembers laid in situ or pre-cast laid in position complete in all respect Ratio: 1:2:4 (CSI No: 6 (a) P-15).	P: Cft:	31885.13	337.0	10,745,289

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
7	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No: 8 (a) P-16).	P: Cwt:	1423.44	5001.70	7,119,620
8	Providing Construction joints in concrete work of 9" (225mm) made corrugated PVC water stop (with bulb) i/c soldering cost of material and labour (PHSI No. 2 P-56)	P: Rft:	1455.0	86.0	125,130
9	Providing, Laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polythylene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25).				
	PN-8 (i) (560 mm)	P: Cwt:	120.0	5241.0	628,920
10	Providing C.I Manhole cover and frame i/c cost of material etc complete (PHSI No: J (i) P-35).	P: Cwt:	6.0	6985.0	41,910
11	Providing & fixing Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc complete (PHSI No. 4 P-48)	Each	12.0	4870.0	58,440
12	Extra for every 50 ft: additional lead or part thereof for earth work (soft ordinary hard and very hard) (CSI No. 8 P-3)	P: %0 Cft:	113837.0	604.68	68,835
					TOTAL 21,934,368

----- % above/ below on the rates of CSR.

Amount to be added/ deducted on the basis of
of premium quoted

Total (b) _____

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

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

Name of Work

CONSTRUCTION OF RCC CLEAR WATER TANK (1 NO) I/C PUMP HOUSE AT GAJARWAH WATER WORKS FOR REHABILITATION OF URBAN WATER SUPPLY SCHEME NAWABSHAH TOWN FOR ADDITIONAL RISING MAIN 28" DIA FROM ROHRI CANAL WATER WORKS UPTO UF PLANT AT QUEST DISTRICT SHAHEED BENAZIRABAD.

PART-A


RCC CLEAR WATER TANK @ GAJRAH WAH 1 NO SIZE (120x120)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation for tanks & reservoir in soft soil i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)				
	<u>0'-5' depth</u>	P: %0 Cft:	49152.0	3000.0	147,456
2	Excavation for tanks & reservoir in Wet soil clay or mud i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-74)				
	<u>0'-5' depth</u>	P: %0 Cft:	32768.0	4800.0	157,286
3	Excavation for tanks & reservoir in Sulshy & daldaly i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 15 P-49)				
	<u>5'-8' depth</u>	P: %0 Cft:	49152.0	7750.0	380,928
4	Extra for every 50 ft: additional lead or part thereof for earth work (soft ordinary hard and very hard) (CSI No. 8 P-3)	P: %0 Cft:	91750.0	604.68	55,479
5	Bailing or pumping out sub soil water during excavation concreting cost in situ concrete or masonry work foundation etc (PHSI No. 18 P-75)	P: % Cft:	98304.0	543.00	533,791
6	Cement concrete brick or stone ballast 1 ½" to 2" gauge Ratio 1:4:8 (GSI No. 4 (b) P-15)	P: % Cft:	16384.00	9416.28	1,542,763
7	RCC work i/c all labour and material expect the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rates also i/c of kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing or single (a) RCC work in roof slab beams columns rafts lintels and other structural remembers laid in situ or pre-cast laid in position complete in all respect Ratio: 1:2:4 (CSI No: 6 (a) P-15).	P: Cft:	35193.25	337.0	11,860,125

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
8	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No: 8 (a) P-16).	P: Cwt:	1571.12	5001.70	7,858,307
9	Providing Construction joints in concrete work of 9" (225mm) made corrugated PVC water stop (with bulb) i/c soldering cost of material and labour (PHSI No. 2 P-56)	P: Rft:	1032.0	86.0	88,752
10	Providing C.I Manhole cover and frame i/c cost of material etc complete (PHSI No: J (i) P-35).	P: Cwt:	6.0	6985.0	41,910
11	Providing & fixing Ventilator weight not to be less than 90 lbs once in roof tank of approved design rain with water right joints i/c painting etc complete (PHSI No. 4 P-48)	Each	10.0	4870.0	48,700
12	Providing, Laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25).				
<u>PN-8</u>	(i) <u>24" dia (630 mm)</u>	P: Cwt:	15.0	6597.0	98,955

TOTAL 22,814,453

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES**(A) Description and rate of Items based on Composite Schedule of Rates.****PART-B PUMP HOUSE (30x15) @ GAJRAH WAH C.W.T**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Pacca brick work (1:6) in ground floor cement, sand, mortar (GSI No. 1 P-20)	P: % Cft:	670.78	12674.36	85,017
2	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making tr uses grids tanks etc i/c cutting bending drilling reviting handing assesmling and fixing etc complete (CSI No. 2 P-91)	P: Cwt:	10.17	4928.49	50,123
3	Supplying fixing in position Iron Steel gril casing sold squir bars of sire 3/4 x 1/4 dia complete (GSI No. 26 P-93)	P: Sft:	64.0	180.50	11,552
4	RCC work in roof slab beams columns rafts lintels and other structural remembers laid in situ or pre-cost laid in position complete in all respect Ratio: 1:2:4 (CSI No: 6 (b) P-17).	P: Cft:	269.23	337.0	90,731
5	Cement, Plaster (1:6) 1/2" thick up to 12' height (GSI No.13 P-52)	P: % Sft:	870.00	2206.60	19,197
6	Cement, Plaster (1:4) 3/8" thick up to 12' height (GSI No.13 P-52)	P: % Sft:	870.00	2197.52	19,118
7	Cement, Pointing struck joint on walls Ratio (1:3) (GSI No.19 P-53)	P: % Sft:	921.00	1213.58	11,177
8	Preparing Surface painting doors and windows any type i/c edge (GSI No.5 (c) P-77)	P: % Sft:	240.0	2116.41	5,079
9	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/cs removal of rust from bars (CSI No: 8 (a) P-16).	P: Cwt:	10.81	5001.70	54,068
10	Priming coat of chalk distemper (GSI No.23 P-54)	P: % Sft:	1440.0	442.75	6,376
11	Disteming Two Coats (GSI No. 24 P-54).	P: % Sft:	1440.0	1043.90	15,032

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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12 Cement concrete plain i/c placing compacting finishing and curing completed i/c screening and washing of stone aggregate without shuttering (CSI No. 5 P-15) P: % Sft: 76.5 14429.25 11,038

13 Supplying M.S Grider 10' x 5" section (SMI No. 140 P-6) P: Cwt: 3.37 3850.00 12,994

TOTAL 391,502

Part-A Rs. 22,814,453

Part-B Rs. 391,502

TOTAL (a) Rs. 23,205,955


----- % above/ below on the rates of CSR.

Amount to be added/ deducted on the basis of
of premium quoted

Total (b) _____

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

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

Name of Work

PROVIDING, LAYING, JOINTING & TESTING BLACK STEEL PIPE 28" DIA, PUMP HOUSE & SUMP WELL FOR REHABILITATION OF URBAN WATER SUPPLY SCHEME NAWABSHAH TOWN FOR ADDITIONAL RISING MAIN 28" DIA FROM ROHRI CANAL WATER WORKS UPTO UF PLANT AT QUEST DISTRICT SHAHEED BENAZIRABAD.


PART-A BLACK STEEL PIPE 28" DIA

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Dismantling and removing road metalling (CSI No. 51 P-13)	P: % Cft:	6750.0	605.0	40,838
2	Excavation for pipe line in trenches and pits in soft soil i/c clay or mud trimming and dressing sides to true alignment shape leveling of beds of trenches to correct level & grade cutting joints holes i/c laying earth in 6" layers for construction of banks & banks dressing disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-60)				
	<u>0'-5' depth</u>	P: %0 Cft:	274500.0	3600.0	988,200
3	Excavation for pipe line in trenches and pits in Wet soil i/c clay or mud trimming and dressing sides to true alignment shape leveling of beds of trenches to correct level & grade cutting joints holes i/c laying earth in 6" layers for construction of banks & banks dressing disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 14 P-66)				
	<u>0'-5' depth</u>	P: %0 Cft:	411750.0	5400.0	2,223,450
4	Manufacturing Supplying & fixing Black Steel M.S Pipe made out of M.S sheet confirming to API 5L grade X-42 Spirally Welded & Externally asphalt coated with fiber glass 5mm thick (3 layers) & Internaly C.C lining 8mm thick (AWWA specification) i/c laying jointing with Hilical welding in trenches i/c cost of bends of any degree & testing with water specified pressure for different dia of pipes as below (PHSI No. H (iv) P32).				
	<u>7.9 mm thick</u>	P: Rft:	30500.0	8354.73	254,819,265
5	Air valve double acting (6" x 1") imported (SMI No. 8 P-11)	Each	8.0	6000.0	48,000

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
6	Providing chamber 3.5' x 2.5' (1064 x 762) inside dimension 7' (2.13mm) deep as per approved design for sluice valve 15" to 24" dia with 24" (610mm) dia inside cast iron cover and frame (wt=2 Cwt 3 sqr) fixed in RCC (1:2:4) 6" thick (with 5 Lbs: steel per Cft:) 9" (299mm) thick brick masonry walls set in 1:6 cement mortar 6" (1152mm) thick cement concrete 1:3:6 in foundation 1" (25mm) thick cement concrete 1:2:4 flooring 2 ½ (12.5mm) thick cement plaster 1:3 to all inside wall surface and to tip i/c providing and fixing M.S foot rest at every one foot beyond 2 ½ ft depth curing excavation back filling and disposal of surplus earth etc complete (PHSI No: 3 P-50)	Each	8.0	28691.00	229,528
7	Providing chamber 3 ¾' x 3.5' (1143 x 1067) inside dimension 8' (2.44mm) deep as per approved design for sluice valve 27" to 30" dia with 30" (457mm) dia inside cast iron cover and frame (wt=3 Cwt) fixed in RCC (1:2:4) 6" thick (with 5 Lbs: steel per Cft:) 9" (299mm) thick brick masonry walls set in 1:6 cement mortar 6" thick cement concrete 1:3:6 in foundation 1" (25mm) thick cement concrete 1:2:4 flooring 2 ½ (12.5mm) thick cement plaster 1:3 to all inside wall surface and to tip i/c providing and fixing M.S foot rest at every one foot beyond 2 ½ ft depth curing excavation back filling and disposal of surplus earth etc complete (PHSI No: 5 P-51)	Each	2.0	37255.00	74,510
8	C.I Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 2 (b) P-12)				
	<u>30" dia</u>	Each	2.0	221400.00	442,800
9	Providing & fixing M.S flange made of M.S plate having thickness and total weight as mentioned against each item it includes the cost of making holes facing, welding, nut bolt, rubber packing white lead fitter cartage etc complete (PHSI No. 8 P8)				
	<u>30" dia</u>	Each	4.0	13300.00	53,200
10	Jointing C.I.M.S Flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PHSI No.1 P-56)				
	<u>30" dia</u>	Each	4.0	10272.00	41,088
	<u>6" dia</u>	Each	8.0	938.00	7,504
11	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-53)	P: %0 Cft:	617625.0	2760.0	1,704,645

TOTAL 260,673,028

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

PART-B PUMP HOUSE (30x24)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Pacca brick work (1:6) in ground floor cement, sand, mortar (GSI No. 1 P-20)	P: % Cft:	814.50	12674.36	103,233
2	RCC work in roof slab beams columns rafts lintels and other structural remembers laid in situ or pre-cost laid in position complete in all respect Ratio: 1:2:4 (CSI No: 6 (b) P-17).	P: Cft:	566.62	337.0	190,951
3	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/cs removal of rust from bars (CSI No: 8 (a) P-16).	P: Cwt:	22.76	5001.70	113,839
4	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making tr uses grids tanks etc i/c cutting bending drilling reviting handing assesmling and fixing etc complete (CSI No. 2 P-91)	P: Cwt:	10.17	4928.49	50,123
5	Erection and rolled steel beams of old slabs in roof etc erection fixing in position (GSI No. 1 P-96)	P: Cwt:	10.17	271.0	2,756
6	Preparing Surface painting doors and windows any type i/c edge (GSI No.5 (c) P-77)	P: % Sft:	80.0	2116.41	1,693
7	Supplying fixing in position Iron Steel gril casing sold squir bars of sire 3/4 x 1/4 dia complete (GSI No. 26 P-93)	P: Sft:	64.0	180.50	11,552
8	Cement, Pointing struck joint on walls Ratio (1:3) (GSI No.19 P-53)	P: % Sft:	1134.00	1213.58	13,762
9	Cement, Plaster (1:6) 1/2" thick up to 12' height (GSI No.13 P-52)	P: % Sft:	1068.00	2206.60	23,566
10	Cement, Plaster (1:4) 3/8" thick up to 12' height (GSI No.13 P-52)	P: % Sft:	1068.00	2179.52	23,277

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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11 Priming coat of chalk distemper (GSI No.23 P-54)


P: % Sft: 1968.0 442.75 8,713

12 Disteming Two Coats (GSI No. 24 P-54).

P: % Sft: 1968.0 1043.90 90,958

TOTAL 634,424

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

PART-C

RCC SUMP WELL (40'x24')

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation for tanks & reservoir in soft soil i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)				
	<u>0'-5' depth</u>	P: %0 Cft:	4851.0	3000.0	14,553
2	Excavation for tanks & reservoir in Wet soil clay or mud i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 14 P-74)				
	<u>0'-5' depth</u>	P: %0 Cft:	3234.0	4800.0	15,523
3	Excavation for tanks & reservoir in Sulshy & daldaly i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 15 P-74)				
	<u>5'-8' depth</u>	P: %0 Cft:	4851.0	7750.0	37,595
	<u>8'-11' depth</u>	P: %0 Cft:	1617.0	8300.0	13,421
4	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8 (GSI No. 5 P-16)	P: % Cft:	1617.0	11288.8	182,539
5	RCC work i/c all labour and material expect the cost of steel reinforcement and its labour for bending and binding, which will be paid separately. This rates also i/c of kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface i/c screening and washing or single (a) RCC work in roof slab beams columns rafts lintels and other structural remembers laid in situ or pre-cost laid in position complete in all respect Ratio: 1:2:4 (CSI No: 6 (a) P-15).	P: % Cft:	5692.4	337.0	1,918,349

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
6	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/cs removal of rust from bars (CSI No: 8 (a) P-16).	P: % Cft:	254.1	5001.7	1,271,032
7	Providing "Expansion Joint" in concret work of 9" wide corugated PVC waterstop (with bulb) i.e soldering cost of material and labor etc complete (PHSI No: J (i) P-35).	P: % Rft	532.0	86.0	45,752
8	Providing C.I Mainhole cover and frame i/c cost of material etc complete (PHSI No: J (i) P-35).	P: % Cwt	3.0	6985.0	20,955
					TOTAL 3,519,715

CONTRACTOR

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
SHAHEED BENAZIR ABAD

BILL OF QUANTITIES

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

PART-D INTERCONNECTION @ ROHRI CANAL

Item No.	Description of Item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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- 1 Excavation for pipe line in trenches and pits in soft soil i/c clay or mud trimming and dressing sides to true alignment shape leveling of beds of trenches to correct level & grade cutting joints holes i/c laying earth in 6" layers for construction of banks & banks dressing disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft. and lead upto one chain (PHSI No: 1 P-60).

0'-5' depth 36" Dia P: %0 Cft: 768.0 3600.0 2,765

- 2 Providing RCC Pipe of ASTM C-76-62 T/C 76-70 Class-II wall-B and fixing in trenches i/c cutting binding and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. 1 P-18)

36" Dia P: % Rft: 128.0 1568.0 200,704

- 3 Cement concrete plain i/c placing compacting finishing and curing completed i/c screening and washing of stone aggregate without shuttering (CSI No: 5 P-18)

Ratio 1:4:8 P: % Cft: 384.0 11288.8 43,349

TOTAL 246,818

Total Part-A Rs. 260,673,028

Total Part-B Rs. 634,424

Total Part-C Rs. 3,519,715

Total Part-D Rs. 246,818

TOTAL (a) Rs. 265,073,984

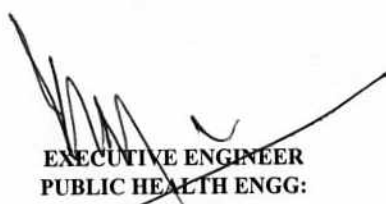
----- % above/ below on the rates of CSR.

Amount to be added/ deducted on the basis of
of premium quoted

Total (b) _____

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

CONTRACTOR


**EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG:
DIVISION
SHAHEED BENAZIR ABAD**