

OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGINEERING DIVISION GHOTKI AT MIRPUR MATHELO.

Email address xenphedmirpurmathelo@yahoo.com

No.TC/G-148/1193 OF 2017
M. Mathelo dated. 22/8 /2017.

"SAY NO TO CORRUPTION"

INVITATION FOR BIDS.

Sealed bids are invited on SPPRA Standard Bidding documents (SBD) from the eligible bidders registered with Pakistan Engineering Council (PEC) in relevant category (CE09) experience of similar nature of works for the below mentioned work as per Sindh Public Procurement Regulatory Authority.

Sr. No.	Name of Work	Estimated Cost in (M)	E/ Money in (M)	T/ fee in Rupees.	Time allowed
01	Providing laying & testing Pumping Machinery Electric Motor 20 BHP & Diesel Oil Engine 30 BHP at New Hyder shah Disposal work for Urban Drainage Scheme Mirpur Mathelo.	3.000	60,000/-	3000/-	08 Months.
02	Providing laying & testing Pumping Machinery for Disposal work zone -c Anwarabad & zone_D Tando Maso i/c inter connection for Urban Drainage Scheme Ghotki (Mega Project).	7.500	1,50,000/-	3000/-	08 Months
03	Providing Laying jointing U PVC pipes 3",4",6",8" & 10" dia for Urban Water Supply Scheme Daharki.	15.000	3,00,000/-	3000/-	08 Months
04	Construction of CC Drains & CC Block at various places of Ghotki city for Urban Drainage Scheme Ghotki (Mega Project).	11.000	2,20,000/-	3000/-	08 Months
05	Providing Installing Tube Wells Constructions of Pump House 10x12' i/c PE Pipe for delivery main at Urban Water Supply Scheme Daharki.	8.000	1,60,000/-	3000/-	08 Months
06	Providing Installing & Testing Pumping Machinery 20 BHP and Diesel Oil Engine 30 BHP Ghatta Market zone and Electric Motor 40 BHP and Diesel Oil Engine 48 BHP Rahmoo Wali zone for Urban Drainage Scheme Ghotki (Mega Project).	7.800	1,56,000/-	3000/-	08 Months
07	Providing laying jointing and testing PE rising main 16" dia for New Hyder shah zone for Urban Drainage scheme Mirpur Mathelo.	14.000	2,80,000/-	3000/-	08 Months.
08	Providing laying jointing Distribution system for Urban Water Supply scheme Daharki	14.950	2,99,000/-	3000/-	08 Months
09	Construction of Collecting tank, 20' dia , screening chamber, pump House, compound wall, and staff quarter for disposal work Mirani Mohallah zone (f) for Urban drainage scheme Ghotki (Mega Project).	6.000	1,20,000/-	3000/-	08 months.
10	Providing installing pumping Machinery 15 BHP with KSB turbine pump for Urban water supply scheme Daharki.	14.000	2,28,000/-	3000/-	08 months.
11	Providing Installing Pumping Machinery sets of 15 BHP with KSB turbine pump (Sollar system) for Rural Drainage Scheme Raharki.	3.500	70,000/-	3000/-	08 months
12	Construction of Collecting tank, 25' dia screening chamber , pump House, compound wall, and staff quarter for disposal work for Mehran cotton factory zone (H) for Urban Drainage Scheme Ghotki (Mega Project).	3.500	70,000/-	3000/-	08 months.
13	Providing installing Pumping Machinery 60 BHP and 250 KVA generator, Pump House (Generator Room) for Urban Water Supply scheme Daharki.	11.300	2,26,000/-	3000/-	08 Months.

SPPRA INWARD DIARY
NO: 904
DATED: 24-08-2017

01. The Bidding documents can be had from the office of the undersigned during office Hours on any working day from the date of publication upto 11.09.2017 on the payment of the tender fee not refundable, specified against each work.
02. The tenders will be received back on 12.09.2017 upto 01.00PM and open on the same day at 02.00PM.
03. If the work remains un-responded the Bid documents will be issued upto 27.09.2017 at 1.00PM and will be received back on the same day upto 2.00 PM and opened immediately after receiving time in front of above persons in para -03.


TERMS & CONDITIONS

- i) Documentary evidence of works of same nature (PHED related works) of equivalent cost or above, executed during last three years, along with certificate of satisfactory completion showing date of start and completion from employer.
 - ii) List of works and copy of Letter of Award/Work Order of equivalent cost or above.
 - iii) List of machinery and equipment available with documentary proof of its ownership.
 - iv) Registration with Income Tax Department (NTN copy), Sindh Revenue Board (Sales Tax Registration) and copy of CNIC.
 - v) Undertaking on stamp paper that Firm is not involved in any litigation, Departmental rift has abandoned or made unnecessary delay in completion of any work in the Government Departments.
 - vi) The application shall accompany along with tender fee (Non Refundable) as shown against the work for purchase of bidding documents.
 - vii) The 2% earnest money shall be submitted in the shape of Call Deposit issued from scheduled bank at the time of submission of bidding document in favour of undersigned.
 - viii) Certificate of Bank showing credit worthiness along with last three years audited Bank Statement.
 - ix) Affidavit to the effect that Firm has not been black-listed previously by any Executing Agency.
 - x) Affidavit to the effect that all documents/particulars/ information furnished are true and correct.
 - xi) Conditional tenders will not be entertained.
 - xii) Registration with Pakistan Engineering Council, in category C6 and above, duly renewed for year 2016, with field of specialization CE 09.
 - xiii) The condition shown at serial No: 12 will not be applicable in case of works costing below **Rs.4.000(M)**.
 - xiv) If Firm / Partner involved in partnership deed, then complete details/instructions and power of attorney will be submitted on affidavit by the proprietor.
 - xv) Financial turn over for last 03 years being average not less than thrice the cost of work under procurement.
 - xvi) License from Electrical Inspector for Electric / Diesel Engine Generating Sets / Pumping Machinery.
 - xvii) Current Bank Statement confirming cash availability / credit facility equivalent to 40% of cost of work under procurement.
 - xviii) Provide information of Technical Staff working with firm.
6. Procuring agency reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract as per provision of (SPP rules 25).
Note: This N.I T along with bid documents can be seen / down loaded from SPPRA Website at www.ppra.sindh.gov.pk

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

C.C for Information to:-

1. The Director Information (Advertisement), Block No.96 Sindh Secretariat Karachi (in seven copies) for insertion / publication in three leading Newspapers viz: ENGLISH, URDU, SINDHI Languages for wide publicity.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority Barrack No.08 Sindh Secretariat No.4A Court Road Karachi Tel: 92-21-99205369 for hoisting on SPPRA's Website.
3. The Secretary, Information & Technology Department, Government of Sindh, Sindh Secretariat No. 6 Karachi and C.D of this is also enclosed herewith for placement on Government Website.
4. The Chief Engineer, Public Health Engineering Department, Govt: of Sindh, Sukkur.
5. The Superintending Engineer, Public Health Engg: Circle Sukkur.
6. The Deputy Commissioner, Ghotki @ Mirpur Mathelo.
7. The Assistant Engineers (All), under Public Health Engg: Division, Ghotki @ M.Mathelo
8. Notice Board.


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
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SCHEDULE "B"

NAME OF WORK **PROVIDING INSTALLING & TESTING PUMPING MACHINERY
ELECTRIC MOTOR 20 BHP & 30 BHP DIESEL OIL ENGINE AT
NEW HYDER SHAH COLONY FOR URBAN DRAINAGE SCHEME
MIRPUR MATHELO.**

A PUMPING MACHINERY

01 Supplying & installing in position i/c transportation to site of work at Disposal work @ New Hyder Shah Colony Zone for Urban Drainage Scheme Mirpur Mathelo, Electric Pumping Set 20 BHP (KSBmade) frame size 200-L Pole 1450 RPM (Type ILA7 113-2AA60) frame 60 M coupled with Non clogging pump (KSB Type 100-250) size 5"4" mounted on local steel frame or base plate of discharging 800 GPM against the head of 4ft i/c installation of pumping set on cement concrete foundation Ratio 1:2:4 & 1:4:8 with stone ballast with MS nuts and bolts of 5/8 to be embedded in cement concrete foundation, providing internal electric wiring MCU to electric motor 3-7/0.44 PVC insulated wire 660 volts grade in 50 mm (2") PVC conduit on surface as required i/c providing & fixing earthing set with 0.6 mm 0.6 mm (2x2x1/4) copper plate buried out in the ground @ depth 3.7 m (12ft) as per P.W.D-PHE specification & testing pumping set against the required head for 72 hours etc complete (R.A Approved)

02 SET RS: 781000/00 P-SET RS: 1562000/00

02 Supplying & installing in position i/c transportation to site of work at Disposal work New Hyder Shah Colony Zone for Urban Drainage Scheme Mirpur Mathelo, Diesel Oil Engine 30 BHP (Golden made) coupled with KSB non clogging pump type size 100-250 capable of discharge 550GPM against the required head 40.0ft mounted on common steel frame installed in CC foundation & testing required head for 72 hours etc complete. (R.A approved)

1 SET RS: 660000/00 EACH RS: 660000/00

INTERCONNECTION

01 Manufacturing MS Pipe MS Sheet 3/116"t thick i/c fitting cutting & fixing complete & making good etc painting coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200ft & handling (R/A)

30.00RFT 6"Dia (Sec) RS: 749/34 P.RFT RS: 22480/00

Proving Laying & fixing in trenches i/c fitting jointing & testing etc complete in all respect the high Density Polythene PE Pipe (HDPE-100) PN -10 for confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No: F-1P-25)

45.00 RFT (Suc:) RS: 530/00 P.RFT RS: 23850/00

26.00 RFT (Dev:) RS: 1267/00 P.RFT RS: 32942/00

02 Flange adopter 6" Dia (R/A)

12.00 No: 6"Dia RS: 2025/00 EACH RS: 24300/00

12.00 No: 10"Dia RS: 7425/00 EACH RS: 89100/00

03 But fussion joint 6" Dia

12.00 No: 6"Dia RS: 1000/00 EACH RS: 12000/00

10.00 No: 10"Dia RS: 1800/00 EACH RS: 18000/00

04 Providing Earthing (R/A)

02 Sets RS:25000/00 P.JOB RS: 50000/00

05 Providing & Fixing MS flanged 8"&6" dia made out of MS Sheet 3/8"thick i/c cutting drilling holes etc complete (R.A) based on Sch: Rate

12.00 No: 6"Dia RS: 804/77 EACH RS: 9657/00

10.00 No: 10"Dia RS: 1330/48 EACH RS: 13305/00

06	CI sluice valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	03 Nos: 4" Dia	RS: 5460/00	EACH	RS: 16380/00
07	Supply of Foot valve heavy pattern with one cone end type gate (imported) (S.M PHI No: 4 P No: 18)			
	03 Nos: 4" Dia	RS: 893/75	EACH	RS: 2681/00
08	CI reflex valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	03 Nos: 4" Dia	RS: 1706/25	EACH	RS: 5119/00
09	CI Bend Flanges with flanged ends with holes i/c turning and facing of flanges for all size (SMI 8 P No: 11) Bend 90			
	3.57 CWT	RS: 6096/00	EACH	RS: 21763/00
10	CI Tee with flanged ends with holes i/c turning and facing of flanged all size (PHSi) No: 8 P No: 12			
	1.25 CWT	RS:6096/00	EACH	RS:7620/00
11	CI tapered flat bottomed or central tapered flanged end with holes i/c facing flanged for all sizes (PHS (M) No: 7 P-11)			
	1.60 CWT	RS:6096/00	EACH	RS: 9754/00
12	Jointing C.I/M.S flanges pipes & specials flanged & inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHSI No: 1 P No:40) 6'Dia			
	10.00 No: 6"Dia	RS: 938/00	EACH	RS: 11256/00
	09.00 No: 4"Dia	RS: 513/00	EACH	RS: 4617/00
	12.00 No: 10"Dia	RS: 1576/00	EACH	RS: 18912/00
				TOTAL RS: 2615733/00

CONTRACTOR


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GHOTKI @ MIRPUR MATHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE specification
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the rate shall be governed with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

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	15.00 No: 10"Dia (De)	RS: 2475/00	EACH	RS: 37125/00
07	CI tapered flat bottomed or central tapered flanged end with holes i/c facing flanged for all sizes (PHS (M) No: 7 P-11)			
	0.80 CWT	RS:6096/00	EACH	RS: 4877/00
08	CI sluice valve heavy pattern test pressured 21 KG / sq cm or 300 LBS SQ inch (PSHI No: 16 P No: 11)			
	03 Nos: 6" Dia	RS: 9360/00	EACH	RS: 28080/00
09	CI reflex valve heavy pattern test pressured 21 KG / sq cm or 300 LBS SQ inch (PSHI No: 16 P No: 11)			
	6.00 No: 6"Dia (Sec)	RS: 4062/50	EACH	RS: 24375/00
10	But fusion joint 6" Dia			
	12.00 No: 6"Dia	RS: 1000/00	EACH	RS: 12000/00
	15.00 No: 10"Dia	RS: 1800/00	EACH	RS: 27000/00
11	Flange adopter 6" Dia (R/A)			
	12.00 No: 6"Dia	RS: 2025/00	EACH	RS: 24300/00
	15.00 No: 10"Dia	RS: 7425/00	EACH	RS: 111375/00
11	Jointing C.I/M.S flanges pipes & specials flanged & in site trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (P/SHI No: 1 P No: 4) 6" Dia			
	12.00 No: 6"Dia	RS: 938/00	EACH	RS: 11256/00
	16.00 No: 10"Dia	RS: 1576/00	EACH	RS: 25216/00
			TOTAL	RS: 3602493/00

B PUMPING MACHINERY (TANDO MASSU ZONE)


01	Supplying & installing in position i/c transportation to site of work Electric Pumping Set 15 BHP (Simens made) frame size 200-L Pole 1500 RPM fully enclosed fan cooled squirrel cage induction motor 3 phase 400 VAC 5% HZ 2% slip table for VFD operation Ambient Temperature 40 X Altitude 1000m above sea level construction IM B3 (foot mounted) degree of protection IP 65 insulation class F service factor 1.1 coupled with KSB non clogging sullage pump type 100 250 size 5x4 motor of KSB steel frame / coupling with sleeve capable of giving discharges 640GPM against the required head. It installed on cement concrete foundation Ratio 1:2:4 & 1:4.6 with stone ballast with 1/2" nuts and bolts of 5/8 to be embedded in cement concrete foundation. Providing Laying M.C.U (MEECO made) all accessories consisting of ASD 15 BHP (Automat. star delta starter circuit breaker MCCB over load relay timer, relay push button, fuses & internal wiring & all those components are fixed in a metallic cost saving proof box, providing internal electric wiring M.C.U to electric motor 3-7/0.44 PVC insulated wire 0.6" volts grade in 50 mm (2") PVC conduit on surface as required i/c providing & fitting earthing set with 0.6 mm 0.6 mm (2x2x1/4) copper plate buried out in the ground @ depth 0.7 m (2 ft) as per P.W.D-PHE specification & testing pumping set against the required head for 72 hours etc complete (R.A Approved)			
	02 SET	RS: 757000/00	P-SET	RS: 1514000/00
02	Supplying & installing in position i/c transportation to site of work at Disposal work Tando Massu Zone for Urban Drainage Scheme Ghotki (Wage Project) Diesel Engine 30 BHP (Golden made) coupled with KSB non clogging pump type size 100-250 capable of discharge 550GPM against the required head 40.0" mounted on common steel frame installed in CC foundation & testing required head for 72 hours etc complete. (R.A approved)			
	1 SET	RS: 587000/00	EACH	RS: 587000/00
	INTERCONNECTION			
01	Providing Laying & fixing in trenches i/c fitting, jointing & testing all materials in all respect the high density polyethylene PE pipe (HDPE) 100 P/SHI No: 1 P No: 11 P-10			
	48.00RFT 6"Dia (Sec)	RS: 530/00	P.P.P	RS: 25440/00
	20.00RFT 10"Dia (De)	RS: 1267/00	P.P.P	RS: 25340/00

02	CI Bend Flanges with flanged ends with holes i/c turning and facing of flanges for all size (SMI 8 P No: 11) Bend 90				
	1.60 CWT	RS: 6096/00	EAC		RS: 9714/00
03	Providing Earthing (R/A)				
	02 Sets	RS: 25000/00	P.JO		RS: 5127/00
04	CI Tee with flanged ends with holes i/c turning and facing of flanged all size (PHSI) No: 8 P No: 12				
	0.53 CWT	RS: 6096/00	EAC		RS: 6234/00
05	Supplying and installing with M.S Pipe Made out of flanges 2" to 36" dia. i/c folding to correct shape i/c welding etc completed				
	24.00 No: 6" Dia (Sec)	RS: 749/34	EAC		RS: 18247/00
06	Supplying and installing with MS Pipe made out of flanges 2" to 36" dia. i/c folding to correct shape i/c welding etc completed.				
	12.00 No: 6" Dia (Sec)	RS: 1520/00	EAC		RS: 18247/00
	15.00 No: 10" Dia (De)	RS: 2475/00	EAC		RS: 37127/00
06	CI tapered flat bottomed or central tapered flanged ends with holes i/c facing flanged for all sizes (PHS (M) No: 7 P-11)				
	0.66 CWT	RS: 6096/00	EAC		RS: 6234/00
07	CI sluice valve heavy pattern test pressured 21 KG / sq cm or 300 LB SQ inch (PSHI No: 16 P No: 11)				
	03 Nos: 4" Dia	RS: 5460/00	EAC		RS: 18007/00
08	CI reflex valve heavy pattern test pressured 21 KG / sq cm or 300 LB SQ inch (PSHI No: 16 P No: 11)				
	3.00 No: 6" Dia (Sec)	RS: 4062/50	EAC		RS: 12126/00
	3.00 No: 4" Dia (Dev)	RS: 1706/25	EAC		RS: 11149/00
09	But fusion joint 6" Dia				
	12.00 No: 6" Dia	RS: 1000/00	EAC		RS: 12239/00
	15.00 No: 10" Dia	RS: 1300/00	EAC		RS: 12239/00
10	Flange adopter 6" Dia (R/A)				
	12.00 No: 6" Dia	RS: 2025/00	EAC		RS: 26007/00
	15.00 No: 10" Dia	RS: 7425/00	EAC		RS: 11129/00
11	Jointing C.I./M.S flanges pipes & specials flanged & fittings for trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHS No: 11 No: 8 L)				
	12.00 No: 6" Dia	RS: 938/00	EAC		RS: 11126/00
	15.00 No: 10" Dia	RS: 1576/00	EAC		RS: 12239/00
	09.00 No: 4" Dia	RS: 513/00	EAC		RS: 4811/00
					RS: 2996881/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE ITEM	NON-SCHEDULE ITEM	TOTAL
1	Pumping Machinery Interconnection Anwarabad Zone	i/c @ RS: 283818/00	RS: 8675/00	RS: 302493/00
2	Pumping Machinery Interconnector, Tandur Massu Zone	i/c @ RS: 312306/00	RS: 250031/00	RS: 562337/00
TOTAL		RS: 596124/00	RS: 8075/00	RS: 604199/00


CONTRACTOR


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGG. DIVISION
 HONORABLE MURPUR MASHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE schedule
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the schedule of rate and estimate shall be corrected with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

CONTRACTOR


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 PUBLIC HEALTH ENGG. DIVISION
 HONORABLE MURPUR MASHELO


SCHEDULE "B"

NAME OF WORK PROVIDING, LAYING JOINTING U PVC PIPES 3"DIA 4"DIA 6"DIA, 8"DIA & 10"DIA FOR URBAN WATER SUPPLY SCHEME DAHARKI

A P.E DISTRIBUTION SYSTEM			
01	Dismantling of brick or flagged flooring without concrete (CSI No: 30 P No: 12) 52000.00CFT	RS: 251/00	P.%CFT RS: 133708/00
02	Dismantling of CC 1:4:8 (CSI No: 19 P No: 10) 13200.00CFT	RS: 1663/45	P.%CFT RS: 219615/00
03	Dismantling of CC 1:2:4 (CSI No: 19 P No: 10) 10000.00CFT	RS: 3327/50	P.%CFT RS: 332760/00
04	Dismantling and removing road metalling (CSI No: 51 P No: 14) 2250.00CFT	RS: 605/00	P.%CFT RS: 13613/00
05	Relaying of cement paving block labour charges (CSI No: 71 P No: 49) 46800.00CFT	RS: 16194/00	P.%CFT RS: 792792/00
06	Providing and fixing cement paving blocks flooring having 197x97x60(mm) of city qudda/cobbler shape with natural colours having strength 5000 PSI to 8500 PSI No: i/c filling the joints with hill sand laying in special manner/ pattern and design etc complete (CSI No: 71 P No: 49) 5200.00CFT	RS: 199/77	P.%CFT RS: 1038804/00
07	Excavation for pipe line in trenches & pits in soft soil i/c trimming & dressing sides to true alignment & shape leveling of beds to correct level & grade cutting joint holes & disposal of surplus earth with in one chain as directed by Engineer incharge providing Fence guard, light & temporary dressing for non vehicular traffic where ever required lift upto 5ft (1.52m) & lead up to one chain (30.5m) (PHSI No: 1 P No: 60) 295450.00CFT	RS: 3600/77	P.%CFT RS: 1063620/00
08	Providing UPVC pipes of class "B" (equivalent make) make fixing in trench i/c 498150 testing with water to head 61 or 200 ft (PHSI No: P No: 22) 27860.00RFT 3"Dia 11400.00RFT 4"Dia 10600.00RFT 6"Dia 700.00RFT 8"Dia 1600.00RFT 10"Dia	RS: 90/00 RS: 137/00 RS: 262/00 RS: 402/00 RS: 721/00	P.RFT P.RFT P.RFT P.RFT P.RFT RS: 2607400/00 RS: 1561800/00 RS: 2777200/00 RS: 281400/00 RS: 1153600/00
09	Special Cast of iron fitting for PVC pipe (PSHI No: (M)1 1P No: 22) 16.00 Nos: 3"Dia 12.00 Nos: 4"Dia 05.00 Nos: 6"Dia 04.00 Nos: 8"Dia 02.00 Nos: 10"Dia	RS: 900/00 RS: 1181/00 RS: 1800/00 RS: 2825/00 RS: 4950/00	EACH EACH EACH EACH EACH RS: 14400/00 RS: 14172/00 RS: 9000/00 RS: 11300/00 RS: 9900/00
10	PVC Bend 16.00 Nos: 3"Dia 12.00 Nos: 4"Dia 05.00 Nos: 6"Dia 04.00 Nos: 8"Dia 02.00 Nos: 10"Dia	RS: 731/00 RS: 956/00 RS: 1913/00 RS: 3038/00 RS: 5175/00	EACH EACH EACH EACH EACH RS: 11696/00 RS: 11472/00 RS: 9585/00 RS: 12152/00 RS: 10352/00
11	End Plug 10.00 Nos: 3"Dia 10.00 Nos: 4"Dia	RS: 382/00 RS: 544/00	EACH EACH RS: 3820/00 RS: 5440/00
12	PVC Sockets 20.00 Nos: 3"Dia 15.00 Nos: 4"Dia 15.00 Nos: 6"Dia	RS: 405/00 RS: 1125/00 RS: 1575/00	EACH EACH EACH RS: 8100/00 RS: 16875/00 RS: 23625/00

	04.00 Nos: 8"Dia	RS: 2925/00	EACH	RS: 11700/00
	02.00 Nos: 10"Dia	RS: 4725/00	EACH	RS: 9450/00
13	Jointing C.I./M.S flanges pipes & specials flanged & inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHSI No: 1 P No:40) 6"Dia			
	06.00 No: 3"Dia	RS: 499/00	EACH	RS: 2994/00
	04.00 Nos: 4"Dia	RS: 513/00	EACH	RS: 2054/00
	02.00 Nos: 6"Dia	RS: 938/00	EACH	RS: 1876/00
	02.00 Nos: 8"Dia	RS: 940/00	EACH	RS: 1880/00
	02.00 Nos: 10"Dia	RS: 1576/00	EACH	RS: 3152/00
14	CI Sluice valve heavy pattern test pressure			
	01.00 No: 10"Dia	RS: 27690/00	EACH	RS: 27690/00
	01.00 No: 8"Dia	RS: 17940/00	EACH	RS: 17940/00
	01.00 No: 6"Dia	RS: 9360/00	EACH	RS: 9360/00
	02.00 Nos: 4"Dia	RS: 5460/00	EACH	RS: 10920/00
	03.00 Nos: 3"Dia	RS: 4290/00	EACH	RS: 12870/00
15	CI Tile Piece with flange			
	1.42 CWT	RS: 6096/00	EACH	RS: 8656/00
16	Providing chamber 21/2x2 1/2 (750x750mm) inside dimension 4 1/2 (1372mm) deep as per approved design for sluice valve 3" to 16" dia with 18" (9457mm) dia inside cast iron cover & frame (wt= 1 CWT) fixed in RCC 1:2:4 (102mm) with IBS steel per cft 9" (299mm) thick brick masonry walls set in cement mortar 6" (91152mm) thick cement concrete 1:3:6 in foundation 1" (25mm) thick cement concrete 1:2:4 flooring 1/2 (12.5mm) thick cement plaster 1:3 to all inside well surface & to top i/c providing & fixing M.S foot rest @ every one foot beyond 2 1/2 ft depth curing excavation back filling & disposal of surplus earth etc complete (PHSI No: 1 P No: 40)			
	08 No:	RS: 18820/00	EACH	RS: 150560/00
17	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction			
	286785.00CFT	RS: 2760/00	RS/0	RS: 791527/00
			TOTAL	RS: 13310838/00

CONTRACTOR


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CHOTKI @ MIRPUR MATHELO

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CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
CHOTKI @ MIRPUR MATHELO

SCHEDULE "B"

NAME OF WORK CONSTRUCTION OF SURFACE DRAINS & CC BLOCK VARIOUS PLACE FOR GHOTKI CITY FOR URBAN DRAINAGE SCHEME GHOTKI (MEGA PROEJECT)

A SURFACE DRAINS			
1	Excavation for foundation of building bridges and other structures i/c dig belling dressing refiling around structure with executed earth watering & ramming lift upto 5'6" (CSI No: 18 P No: 04)		
	2017.40CFT	RS:3176/25	P.%CFT RS: 63580/00
2	Cement concrete plain i/c placing compacting finishing and curing i/c screening and washing of stone aggregate without shuttering Ratio 1:4:8 (CSI No: 05 P No: 16)		
	4741.82 CFT Ratio 1:4:8	RS: 11288/75	P.%CFT RS: 535296/00
	516.22 CFT Ratio 1:2:8	RS: 14429/25	P.%CFT RS: 74487/00
3	Paacca brick work in foundation and plinth in cement sand mortar 4:6 (CSI No: 04 P. No: 21).		
	12030.00CFT	RS: 11948/36	P.%CFT RS: 1437388/00
4	Construction of open drains cunettee block of cement concrete (1:2:4) in situ to design profile i/c applying floating coat of cement 1/3" thick to the exposed face finished smooth curing etc complete as per detailed drawing (PHSI No: P No: 58).		
	6970.00RFT Type-I	RS: 94/00	P.RFT RS: 655180/00
	700.00CFT Type-II	RS: 174/00	P.RFT RS: 121600/00
5	Cement plaster (1:4) up to 20" height 1/2" (CSI No: 11 P No: 52)		
	19250.00SFT	RS: 2283/93	P.%SFT RS: 438937/00
6	RCC work in roof slabs beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect. (CSI No: 6 P No: 18)		
	219.59 CFT	RS: 337/00	P.%CFT RS: 74000/00
7	Fabrication of Mild Steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars. (CSI No7 P.20).		
	7.85 CWT	RS: 5001/70	P.CWT RS: 39260/00
			TOTAL RS: 3446918/00
B CC BLOCK			
1	Barrow pit excavation under said lead up to 100 ft(CSI No: 3 P. 11)		
	41342.60CFT	RS: 2117/50	P.%CFT RS: 87543/00
2	Carraige of Earth (CSI No.08 P No: 02)		
	41342.60CFT	RS: 502/52	P.%CFT RS: 207755/00
3	Laying earth in 6" layer leveling dressing & watering for compaction etc complete		
	61360.00CFT	RS: 354/00	P.%CFT RS: 21721/00
4	Cement concrete brick or stone ballast ratio 1:2:4		
	20248.80CFT	RS: 9416/28	P.%CFT RS: 1956648/00
5	Cement Concrete plain compacting finishing and queering etc complete 1:2:4 i/c surface finishing and dividing in to panels 3" thick. (CSI No: 5 P No: 16).		
	15340.00SFT	RS: 14429/25	P.%SFT RS: 2213447/00
			TOTAL RS: 4437150/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE	NON-SCHEDULE	TOTAL
1	Surface Drains	3446918/00		3446918/00
2	CC Block	4437150/00		4437150/00
	TOTAL	7884068/00		7884068/00

CONTRACTOR


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@MOTKI @ MIRPUR MATHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE specification
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the rate shall be governed with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

CONTRACTOR


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PUBLIC HEALTH ENGG. DIVISION
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SCHEDULE "B"

NAME OF WORK PROVIDING AND INSTALLING TUBE WELL & CONSTRUCTION OF PUMP HOUSE & PROVIDING LAYING JOINTING PE PIPE 16"DIA RISING MAIN FOR URBAN WATER SUPPLY SCHEME DAHARKI

A TUBE WELL 10 NOS:

01	Boring for type for tube well in all water bearing soil from ground level upto 100ft of 30.30 meter depth i/c sinking and with drawing or costing pipe (PHSI No: 1 P/41) 850.0RFT 12:Dia	RS:743/00	P.RFT	RS: 631550/00
02	Supplying and installing PVC strainer (B) class of approved design quality and making i/c necessary socket etc complete (PHSI No: 9 P No: 43) 550.0RFT	RS: 554/05	P.RFT	RS: 304728/00
03	Supplying and installing PVC blind PVC blind pipe (B) class approved quality and make i/c necessary socket etc (PHSI No: 12 P No: 44) 330.0RFT	RS: 516/80	P.RFT	RS: 170544/00
04	Shrouding with graded bairi 3/8"to 1/8" or 8 to 3mm in between bore and blind pipe for the following diameters of strainers (PHSI No: 13 P No:45) 850.0RFT	RS: 105/00	P.RFT	RS: 89250/00
05	Plugging of joint of casing on blind pipe with cement concrete 1:1 1/2 (PHSI No: 14 P No: 45) 10 No: 8"Dia	RS: 100/00	EACH	RS: 10000/00
06	Supplying & fixing M.S bail plug (PHSI No: 8b P No: 43) 10 No:	RS: 2607/00	EACH	RS: 26070/00
07	Development of tube well testing charges of sample from laboratory (PHSI No: 8c P No: 43) 850.00RFT	RS: 200/00	P.RFT	RS: 170000/00
				TOTAL RS: 1492142/00

B PUMP HOUSE 10 NOS:

01	Excavation in foundation of buildings bridges & other structures i/c dag belling dressing & refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 4 p no 4) 241.50CFT	RS: 3176/25	P% CFT	RS: 76760
02	Cement concrete brick or stone ballast 1 1/2"-2" guage (c.s.i no 4 p no:17) 72.90 CFT	RS: 9416/28	P % CFT	RS: 6864/00
03	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25) 220.35 CFT	RS: 11948/36	P %CFT	RS: 26228/00
04	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxghell mixture 44.06 SFT	RS: 4982/18	P-% SFT	RS: 2195/00
05	Filling watering and remaining earth under floor with new earth excavated from out side lead upto one chain and upto 5feet 240.00CFT	RS: 3630/00	P%0CFT	RS: 8671/00
06	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25) 275.75 CFT	RS: 12674/36	P %CFT	RS: 36217/00
07	R.C.C working roof slab beams, columns, rafts, lintels, & other structural members cast in situ or pre-cast laid in position complete in all respect ratio 1:2:4 78.00 CFT	RS: 337/00	P-CFT	RS: 26287/00
08	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying in position, making joints & fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20) 3.13 CWT	RS: 5001/70	P-CWT	RS: 15655/00
09	Providing and laying 3"thick topping cement concrete (1:2:4) in surface and dividing in to panels 80.00SFT	RS: 4411/82	P-%SFT	RS: 3529/00
10	Cement plaster 1:6 upto 12ft height 325.25 SFT	RS: 2206/60	P-% SFT	RS: 7177/00

11	Cement plaster 1:4 upto 11ft height 325.25 SFT	RS: 2197/52	P-% SFT	RS: 7147/00
12	Cement painting strict joints on walls 385.25SFT	RS: 1213/58	P-%SFT	RS: 4675/00
13	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding erection in position (C.S.I no-02 p- 96) 2.95 CWT	RS: 4928/49	P- CWT	RS: 14627/00
14	Errction and fitting in position of iron frame staging of water tank etc 2.95 CWT	RS: 271/04	P- CWT	RS: 759/00
15	Supplying and fixing in position iron steel grill of 3/4 x1/4 size that iron of approved design i.c painting 03 coats etc complete (weight not to be less that 3 LBS /SQ foot finished grill) (GSI No. 26 P No: 92) 12.00SFT	RS: 180/50	P.SFT	RS: 2166/00
16	Preparing surface painting doors & window any type i/c edge 69.50SFT	RS: 2116/41	P-%SFT	RS: 1463/00
17	White washing three coat (c.s.i no- 26 p-60) 139.00 SFT	RS: 829/95	P %SFT	RS: 1153/00
18	Primary coat of chalk distemper (GSI No: 23 P No: 3) 323.50 SFT	RS: 442/75	P%ISFT	RS: 1432/00
19	Distempereing (b)2 coats (GSI No: 23 P No: 3) 323.50 SFT	RS: 1043/90	P.%SFT	RS: 3377/00
20	Supplying R.S.I channel section 8"x4" Girders 0.848 CWT	RS: 3575/00	P.CWT	RS: 3032/00
				TOTAL RS: 166671/00
				166671x10=1666710/00 RS: 1666710/00


C P.E RISING MAIN 16"DIA

01	Excavation in foundation of building bridges and structure i/c dog belling dressing refilling around the structure executed earth watering and ramming lead upto one chain lift upto 5dt in ordinary soil 2375.00CFT	RS: 3600/00	P.%CFT	RS: 85750/00
02	Providing laying fixing testing i/c fitting jointing and testing etc complete in all respect for high density polyethylene P.E pipe (HDPE-100) for w/s conforming 1504-127/DIN:8074/3075 PSI 3580 & PSI 3051 (PHSI 1 No: P No: 25) 400.00RFT (P N 08) 400.00RFT (P N 08) 400.00RFT (P N 10) 100.00RFT P.E Tee (PHSI No: P No:) 3.00 Nos: (P N 08) 3.00 Nos: (P N 08) 3.00 Nos: (P N 08) P.E Bend 90 C 01 No: 03 Butt Fusion Joints 6 Nos: 16"Dia 6 Nos: 12"Dia 6 Nos: 8"Dia 9 Nos: 6"Dia 05 Refilling the excavated stuff in trenches 6"thick layers i/c watering ramming to full compacting 21937.50CFT	RS: 1635/00 RS: 2625/00 RS: 860/00 RS: 440/00 RS: 7437/00 RS: 12144/00 RS: 18678/00 RS: 3480/00 RS: 2800/00 RS: 2200/00 RS: 1800/00 RS: 1000/00 RS: 2760/00	P.RFT P.RFT P.RFT P.RFT P.RFT P.RFT P.RFT EACH P.No. P.No. P.No. P.No. P.No.	RS: 654000/00 RS: 1002500/00 RS: 344000/00 RS: 44000/00 RS: 20511/00 RS: 36432/00 RS: 18678/00 RS: 3480/00 RS: 16800/00 RS: 13200/00 RS: 16200/00 RS: 9000/00 RS: 30548/00
				TOTAL RS: 3720840/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE	NON-SCHEDULE	TOTAL
1	Tube 10 Nos	1402142/00	00	1402142/00
2	Pump House 10 Nos	164710/00	00	1646710/00
3	P.E Rising Main	3720840/00	00	3720840/00
	TOTAL	6769692/00	00	6769692/00

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
ROTKI @ MIRPUR MATHILO

CONDITION

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CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG. DIVISION
ROTKI @ MIRPUR MATHILO

SCHEDULE "B"

NAME OF WORK **PROVIDING INSTALLING & TESTING PUMPING MACHINERY
ELECTRIC MOTOR 20 BHP & 30 BHP DIESEL OIL ENGINE AT
GHOTA MARKET ZONE FOR URBAN DRAINAGE SCHEME
GHOTKI (MGA PROJECT).**

A PUMPING MACHINERY (GHOTA MARKET)

01 Supplying & installing in position i/c transportation to site of work Electric Pumping Set 30 BHP (Simens made) frame size 200-L Pole 1500 RPM totally enclosed fan colled squired cage induction motor 3 phase 400 VAC 5% HZ 2% suitable for VFD Operation Ambient Temperature 40 X Altitude 1000m above sea level construction IM B3 (loot mounted) degree of protection IP 65 insulation class F service factor 1.1 coupled with KSB KWPZ non clogging sullage pump type 100 250 size 5x4 mounted of KSB steel frame / coupling with sleeve capable of giving discharges 640GPM against the required head 45ft installed on cement concrete foundation Ratio 1:2:4 & 1:4:8 with stone ballast with MS nuts and bolts of 5/8 to be embedded in cement concrete foundation . Providing fixing M.C.U (MEECO made) all accessories consisting of ASD 15 BHP (Automatic star delta starter circuit breaker MCCB over load relay timer, relay push button ,indicators & internal wiring & all those companies are fixed in a metallic cost smoke proof box, providing internal electric wiring MCU to electric motor 3-7/0.44 PVC insulated wire 660 volts grade in 50 mm (2") PVC conduit on surface as required i/c providing & fixing earthing set with 0.6 mm 0.6 mm (2x2x1/4) copper plate buried out in the ground @ depth 3.7 m (12ft) as per P.W.D-PHE specification & testing pumping set against the required head for 72 hours etc complete (R.A Approved)

02 SET RS: 785000/00 P-SET RS: 1570000/00

02 Supplying & installing in position i/c transportation to site of work at Disposal work Ghota Market Zone for Urban Drainage Scheme Ghotki (Mega Project) Diesel Oil Engine 30 BHP (Golden made) coupled with KSB non clogging pump type size 100-250 capable of discharge 550GPM against the required head 40.0ft mounted on common steel frame installed in CC foundation & testing required head for 72 hours etc complete. (R.A approved)

1 SET RS: 649000/00 EACH RS: 649000/00

INTERCONNECTION

01 Providing Laying & fixing in trenches i/c fitting, jointing & testing etc complete in all respect the high density polyethylene PE pipe (HDPE-100) PHSI No: 01 P No: 25, P-10

48.00RFT 6"Dia (Sec) RS: 530/00 P.RFT RS: 25440/00

20.00RFT 10"Dia (De) RS: 1267/00 P.RFT RS: 25340/00

02 CI Bend Flanges with flanged ends with holes i/c turning and facing of flanges for all size (SMI 8 P No: 11) Bend 90

1.60 CWT RS: 6096/00 EACH RS: 9754/00

03 Providing Earthing (R/A)

02 Sets RS:25000/00 P.JOB RS: 50000/00

04 CI Tee with flanged ends with holes i/c turning and facing of flanged all size (PHSI) No: 8 P No: 12

0.53 CWT RS:6096/00 EACH RS:3231/00

05 Supplying and installing with MS Pipe made out of MS Sheet 3/18" thick i/c folding to correct shape i/c welding etc completed.

12.00 No: 6"Dia (Sec) RS: 1520/00 EACH RS: 18240/00

15.00 No: 10"Dia (De) RS: 2475/00 EACH RS: 37125/00

06	CI tapered flat bottomed or central tapered flanged end with holes i/c facing flanged for all sizes (PHS (M) No: 7 P-11)			
	0.6' CWT	RS:6096/00	EACH	RS: 4023/00
07	C/slucice valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	03 Nos: 4" Dia	RS: 5460/00	EACH	RS: 16380
08	CI reflex valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	3.00 No: 6"Dia (Sec)	RS: 4062/50	EACH	RS: 12188/00
	3.00 No: 4"Dia (De)	RS: 1706/25	EACH	RS: 5119/00
09	But fussion joint 6" Dia			
	12.00 No: 6"Dia	RS: 1000/00	EACH	RS: 12000/00
	15.00 No: 10"Dia	RS: 1800/00	EACH	RS: 27000/00
10	Flange adopter 6" Dia (R/A)			
	12.00 No: 6"Dia	RS: 2025/00	EACH	RS: 24300/00
	15.00 No: 10"Dia	RS: 7425/00	EACH	RS: 111375/00
11	Jointing C.I/M.S flanges pipes & specials flanged & inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHSI No: 1 P No:40) 6"Dia			
	12.00 No: 6"Dia	RS: 938/00	EACH	RS: 11258/00
	15.00 No: 10"Dia	RS: 1576/00	EACH	RS: 23640/00
	09.00 No: 4"Dia	RS: 513/00	ECH	RS: 4617/00

TOTAL RS: 2658012/00

B PUMPING MACHINERY (RAHMOONWALI ZONE)

01 Supplying & installing in position i/c transportation to site of work Electric Pumping Set 40 BHP (Simens made) frame size 200-L Pole 1500 RPM totally enclosed fan colled squired cage induction motor 3 phase 400 VAC 5% HZ 2% suitable for VFD Operation Ambient Temperature 40 X Altitude 1000m above sea level construction IM B3 (loot mounted) degree of protection IP 65 insulation class F service factor 1.1 coupled with KSB KWPZ non clogging sullage pump type 100 250 size 5x4 mounted of KSB steel frame / coupling with sleeve capable of giving discharges 640GPM against the required head 45ft installed on cement concrete foundation Ratio 1:2:4 & 1:4:8 with stone ballast with MS nuts and bolts of 5/8 to be embedded in cement concrete foundation . Providing fixing M.C.U (MEECO made) all accessories consisting of ASD 15 BHP (Automatic star delta starter circuit breaker MCCB over load relay timer, relay push button ,indicators & internal wiring & all those companies are fixed in a metallic cost smoke proof box, providing internal electric wiring MCU to electric motor 3-7/0.44 PVC insulated wire 660 volts grade in 50 mm (2") PVC conduit on surface as required i/c providing & fixing earthling set with 0.6 mm 0.6 mm (2x2x1/4) copper plate buried out in the ground @ depth 3.7 m (12ft) as per P.W.D-PHE specification & testing pumping set against the required head for 72 hours etc complete (R.A Approved)

02 SET RS: 1213000/00 P-SET RS: 2426000/00

02 Supplying & installing in position i/c transportation to site of work at Disposal work Rahmoonwali Zone for Urban Drainage Scheme Ghotki (Mega Project) Diesel Oil Engine 48 BHP (Golden made) coupled with KSB non clogging pump type size 100-250 capable of discharge 550GPM against the required head 40.0ft mounted on common steel frame installed in CC foundation & testing required head for 72 hours etc complete. (R.A approved)

1 SET RS: 940000/00 EACH RS: 940000/00

INTERCONNECTION

01 Providing Laying & fixing in trenches i/c fitting, jointing & testing etc complete in all respect the high density polyethylene PE pipe (HDPE-100) PHSI No: 01 P No: 25, P-10 48.00RFT 6"Dia (Sec) RS: 685/00 P.RFT RS: 32880/00

	20.00RFT 10"Dia (De)	RS: 1500/00	P.RFT	RS: 31800/00
02	CI Bend Flanges with flanged ends with holes i/c turning and facing of flanges for all size (SMI 8 P No: 11) Bend 90			
	1.60 CWT	RS: 6096/00	EACH	RS: 9754/00
03	Providing Earthing (R/A)			
	02 Sets	RS:25000/00	P.JOB	RS: 50000/00
04	CI Tee with flanged ends with holes i/c turning and facing of flanged all size (PHSI) No: 8 P No; 12			
	0.53 CWT	RS:6096/00	EACH	RS:3231/00
05	Supplying and installing with M.S Pipe Made out of MS Sheets 3/16" i/c thick folding to correct shape i/c welding etc completed			
	24.00 No: 6"Dia (Sec)	RS: 749/34	EACH	RS: 17984/00
06	Supplying and installing with MS Pipe made out of MS Sheet 3/18" thick i/c folding to correct shape i/c welding etc completed.			
	12.00 No: 6"Dia (Sec)	RS: 1520/00	EACH	RS: 18240/00
	15.00 No: 10"Dia (De)	RS: 2475/00	EACH	RS: 37125/00
06	CI tapered flat bottomed or central tapered flanged end with holes i/c facing flanged for all sizes (PHS (M) No: 7 P-11)			
	0.80 CWT	RS:6096/00	EACH	RS: 4877/00
07	CI sluice valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	03 Nos: 6" Dia	RS: 9360/00	EACH	RS: 28080/00
08	CI reflex valve heavy pattern test pressured 21 KG / sq cm or 300 IBS SQ inch (PSHI No: 16 P No: 11)			
	6.00 No: 6"Dia (Sec)	RS: 4062/50	EACH	RS: 24375/00
09	But fussion joint 6" Dia			
	12.00 No: 6"Dia	RS: 1000/00	EACH	RS: 12000/00
	15.00 No: 10"Dia	RS: 1800/00	EACH	RS: 27000/00
10	Flange adopter 6" Dia (R/A)			
	12.00 No: 6"Dia	RS: 2025/00	EACH	RS: 24300/00
	15.00 No: 10"Dia	RS: 7425/00	EACH	RS: 111375/00
11	Jointing C./M.S flanges pipes & specials flanged & inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHSI No: 1 P No:40) 6'Dia			
	12.00 No: 6"Dia	RS: 938/00	EACH	RS: 11256/00
	16.00 No: 10"Dia	RS: 1576/00	EACH	RS: 25216/00
			TOTAL	RS: 3835493/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE ITEM	NON-SCHEDULE ITEM	TOTAL
1	Pumping Machinery i/c Interconnection @ Ghota Market Zone	RS: 253337/00	RS: 2404675/00	RS: 2658012/00
2	Pumping Machinery i/c Interconnection @ Rahmoonwali Zone	RS: 283818/00	RS: 3551675/00	RS: 3835493/00
	TOTAL	RS: 537155/00	RS: 5956350/00	RS: 6493505/00

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CONDITION

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- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

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GHOTKI @ MIRPUR MATHELO

SCHEDULE "B"

NAME OF WORK **PROVIDING LAYING PE RISING MAIN 16"DIA NEW HYDER SHAH ZONE FOR URBAN DRAINAGE SCHEME MIRPUR MATHELO**

A P.E RISING MAIN 16"DIA

- | | | | | | |
|----|---|-------------|--------------|---------|-----------------|
| 01 | Excavation in foundation of building bridges and structure i/c dag belling dressing refilling around the structure executed earth watering and ramming lead upto one chain lift upto 5dt in ordinary soil | 67500.00CFT | RS: 3600/00 | P.%0CFT | RS: 243000/00 |
| 02 | Providing laying fixing testing i/c fitting jointing and testing etc complete in all respect the high density polyethylene P.E pipe (HDPE-100) for w/s confirming 1504427/DIN8074/8075 PS3580 & PSI 3051 (PHSI 1 No: P No: 25) (P N 08) | 5000.00RFT | RS: 2625/00 | P.RFT | RS: 13125000/00 |
| 03 | High density polyethylene fitting (PE-100) (Per each) equivalent (PHSI No: 1 P N18) | | | | |
| a) | P.E Elbow 45' 16"Dia | | | | |
| | 1 No: | | RS: 17282/00 | P.No: | RS: 17282/00 |
| | P.E Elbow 90' | | | | |
| | 05 Nos: | | RS: 21602/00 | P.No: | RS: 43204/00 |
| 04 | Refilling the excavated stuff in trenches 6"thick layers i/c watering ramming to full compacting | 60750.00CFT | RS: 2760/00 | P.%0 | RS: 167670/00 |

TOTAL RS: 13596156/00

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PUBLIC HEALTH ENGG: DIVISION
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SCHEDULE "B"

NAME OF WORK PROVIDING, LAYING JOINTING U PVC PIPES 3"DIA 4"DIA 6"DIA, 8"DIA & 10"DIA FOR URBAN WATER SUPPLY SCHEME DAHARKI

A <u>P.E DISTRIBUTION SYSTEM</u>			
01	Dismantling of brick or flagged flooring without concrete (CSI No: 30 P No: 12) 58000.00CFT	RS: 251/00 P.%CFT	RS: 149135/00
02	Dismantling of CC 1:4:8 (CSI No: 19 P No: 10) 13200.00CFT	RS: 1663/45 P.%CFT	RS: 219615/00
03	Dismantling of CC 1:2:4 (CSI No: 19 P No: 10) 10000.00CFT	RS: 3327/50 P.%CFT	RS: 332760/00
04	Dismantling and removing road metalling (CSI No: 51 P No: 14) 1875.00CFT	RS: 605/00 P.%CFT	RS: 11344/00
05	Relaying of cement paving block labour charges (CSI No: 71 P No: 49) 52200.00CFT	RS: 16194/00 P.%CFT	RS: 884268/00
06	Providing and fixing cement paving blocks flooring having 197x97x60(mm) of city qudda/cobbler shape with natural colours having strength 5000 PSI to 8500 PSI No: i/c filling the joints with hill sand laying in special manner/ pattern and design etc complete (CSI No: 71 P No: 49) 58000.00CFT	RS: 199/77 P.%CFT	RS: 1158666/00
07	Excavation for pipe line in trenches & pits in soft soil i/c trimming & dressing sides to true alignment & shape leveling of beds to correct level & grade cutting joint holes & disposal of surplus earth with in one chain as directed by Engineer incharge providing Fence guard, light & temporary crossing for non vehicular traffic where ever required lift upto 5ft (1.52m) & lead up to one chain (30.5m) (PHSI No: 1 P No: 60) 311850.00CFT	RS: 3600/77 P.%CFT	RS: 1122660/00
08	Providing UPVC pipes of class "B" (equivalent make) make fixing in trench i/c 498150 testing with water to head 61 or 200 ft (PHSI No: P No: 22) 33040.00RFT 3"Dia 10100.00RFT 4"Dia 12900.00RFT 6"Dia 1500.00RFT 8"Dia 1000.00RFT 10"Dia	RS: 90/00 P.RFT RS: 137/00 P.RFT RS: 262/00 P.RFT RS: 402/00 P.RFT RS: 721/00 P.RFT	RS: 2976300/00 RS: 1383700/00 RS: 3379800/00 RS: 603000/00 RS: 712000/00
09	Special Cast of iron fitting for PVC pipe (PSHI No: (M)1 1P No: 22) 26.00 Nos: 3"Dia 12.00 Nos: 4"Dia 05.00 Nos: 6"Dia 04.00 Nos: 8"Dia 02.00 Nos: 10"Dia	RS: 900/00 EACH RS: 1181/00 EACH RS: 1800/00 EACH RS: 2825/00 EACH RS: 4950/00 EACH	RS: 23400/00 RS: 14172/00 RS: 9000/00 RS: 11300/00 RS: 9900/00
10	PVC Bend 20.00 Nos: 3"Dia 15.00 Nos: 4"Dia 15.00 Nos: 6"Dia 04.00 Nos: 8"Dia 02.00 Nos: 10"Dia	RS: 731/00 EACH RS: 956/00 EACH RS: 1913/00 EACH RS: 3038/00 EACH RS: 5175/00 EACH	RS: 14620/00 RS: 14340/00 RS: 28695/00 RS: 12152/00 RS: 10352/00
11	End Plug 10.00 Nos: 3"Dia 10.00 Nos: 4"Dia	RS: 382/00 EACH RS: 544/00 EACH	RS: 3820/00 RS: 5440/00
12	PVC Sockets 20.00 Nos: 3"Dia 15.00 Nos: 4"Dia 15.00 Nos: 6"Dia	RS: 405/00 EACH RS: 1125/00 EACH RS: 1575/00 EACH	RS: 8100/00 RS: 16875/00 RS: 23625/00

	04.00 Nos: 8"Dia	RS: 2925/00	EACH	RS: 11700/00
	02.00 Nos: 10"Dia	RS: 4725/00	EACH	RS: 9450/00
13	Jointing C.I./M.S flanges pipes & specials flanged & inside trenches i/c supplying rubber packing of the required thickness nuts bolts with washers etc & tools required for jointing & the joints to the specified pressure etc complete (PHSI No: 1 P No:40) 6'Dia			
	06.00 No: 3"Dia	RS: 499/00	EACH	RS: 7994/00
	04.00 Nos: 4"Dia	RS: 513/00	EACH	RS: 2052/00
	02.00 Nos: 6"Dia	RS: 938/00	EACH	RS: 1876/00
	02.00 Nos: 8"Dia	RS: 940/00	EACH	RS: 1880/00
	02.00 Nos: 10"Dia	RS: 1576/00	EACH	RS: 3152/00
14	CI Sluice valve heavy pattern test pressure			
	01.00 No: 10"Dia	RS: 27690/00	EACH	RS: 27690/00
	01.00 No: 8"Dia	RS: 17940/00	EACH	RS: 17940/00
	01.00 No: 6"Dia	RS: 9360/00	EACH	RS: 9360/00
	02.00 Nos: 4"Dia	RS: 5460/00	EACH	RS: 10920/00
	03.00 Nos: 3"Dia	RS: 4290/00	EACH	RS: 12870/00
15	CI Tile Piece with flange			
	1.42 CWT	RS: 6096/00	EACH	RS: 8656/00
16	Providing chamber 21/2x2 1/2 (750x750mm) inside dimension 4 1/2 (1372mm) deep as per approved design for sluice valve 3" to 16" dia with 18" (9457mm) dia inside cast iron cover & frame (wt= 1 CWT) fixed in RCC 1:2:4 (102mm) with IBS steel per cft 9" (299mm) thick brick masonry walls set in cement mortar 6" (91152mm) thick cement concrete 1:3:6 in foundation 1" (25mm) thick cement concrete 1:2:4 flooring 1/2 (12.5mm) thick cement plaster 1:3 to all inside wall surface & to topic i/c providing & fixing M.S foot rest @ every one foot beyond 2 1/2 ft depth curing excavation back filling & disposal of surplus earth etc complete (PHSI No: 1 P No: 40)			
	08 No:	RS: 18820/00	EACH	RS: 150560/00
17	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compacting			
	301545.00CFT	RS: 2760/00	P.%0	RS: 832264/00
			TOTAL	RS: 14242401/00


CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE specification
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the rate shall be governed with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

SCHEDULE "B"

NAME OF WORK **CONSTRUCTION OF COLLECTING TANKS 2'DIA (2NOS:) SCREENING CHAMBER 5'x8' (1NO:) PUMP HOUSE SIZE(16'x12) (1NO) COMPOUND WALL STAFF QUARTER FOR DISPOSAL WORK MIRANI MOHALLAH ZONE, URBAN DRAINAGE SCHEME GHOTKI (MEGA PROJECT)**

A RCC COLLECTING TANK 25"DIA

01	Excavation of well in dry up to 20' below ground level & disposal of earth soil With in one chain (p.h.s.i no 1 p no 86)	6601.85 CFT	RS: 2247/58	P%0 CFT	RS: 14838/00
02	Wet sinking of well for depth below spring level by means of all charges for Shoring lead in & removing of excavated material with one chain (c.s.i no 3 p-09)	5936.56 CFT	RS: 11763/80	P-%CFT	RS: 69837/00
		5936.56 CFT	RS: 24200/00	P-%0CFT	RS: 143656/00
		4749.25CFT	RS: 37230/77	P-%0CFT	RS: 176818/00
03	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4 (c.s.i no- 06 p- 19)	3555.92 CFT	RS: 337/00	P- CFT	RS: 1198344/00
04	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position ,making joints& fastening i/c cost of binding wire also i/c removal of Rust from bars (c.s.i no-7 p-20)	149.51 CFT	RS: 5001/70	P- CFT	RS: 747804/00
05	Providing construction of joints in concrete works of 9" (225MM) WIRE CORRUGATED PVC water stop with bulb i/c soldering material & labour.	489.84 RFT	RS: 86/00	P-RFT	RS: 42126/00
05	Cement concrete brick are stone ballast	2002.67CFT	RS: 9416/28	P-%CFT	RS: 188577/00
06	Cement concrete plain i/c placing, compacting, finishing curing i/c screening & Washing of stone aggregate w/o shuttering (c.s.i no 05 p-no18)	1471.86 CFT	RS: 11288/75	P-%CFT	RS: 166155/00
		1471.86 CFT	RS: 12595/00	P-%CFT	RS: 185381/00
		98.25 CFT	RS: 14429/25	P-%CFT	RS: 141587/00
07	Bailing or pumping out sub soil ,water during excavation, concreting cost in situ Concrete of masonry work in foundation etc complete (p.h.s.i no- p-)	21587.51 CFT	RS: 543/00	P-% CFT	RS: 117220/00

TOTAL RS: 3192352/00

B SCREENING CHAMBER (5x8)

01	Excavation in foundation of buildings bridges &other structures i/c dag belling dressing& refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 18 p no 4)	726.00CFT	RS: 3176/25	P-%0 CFT	RS: 2306/00
02	Extra for wet earth (CSI No: 15 P No: 3)	264.50CFT	RS: 1058/75	P.%0CFT	RS: 280/00
03	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4 (c.s.i no- 06 p- 19)	244.00 CFT	RS: 337/00	P- CFT	RS: 82228/00
04	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position ,making joints& fastening i/c cost of binding wire also i/c removal of Rust from bars (c.s.i no-7 p-20)	9.80 CWT	RS: 5001/70	P- CWT	RS: 49017/00

05	Providing construction of joints in concrete works of 9" (225MM) WIRE CORRUGATED PVC water stop with bulb i/c soldering material & labour.	29.00RFT	RS: 86/00	P-RFT	RS: 2494/00
06	Small iron work such as gusset plate knees per CWT bends stirring, rings etc including cutting drilling reverting, handling assembling and fixing but excluding erection in position (CSI No: 1 P No:91).	2.06 CWT	RS: 6420/61	P- CWT	RS: 13226/00
07	Errrection & fitting in position of iron trusses lagging of water tanks etc (P.H.S.I NO-3 P-96)	2.06CWT	RS: 271/04	P-CWT	RS: 558/00
08	Pacca Brick work in foundation & plinth in cement sand mortar ratio 1:6	12.96 CFT	RS: 11948/36	P-% CFT	RS: 1549/00
09	Cement plaster 1.4 1/2 "thick upto 20"height (CSI No: 11 P No: 52)	46.02 SFT	RS: 2283/93	P-% SFT	RS: 1051/00
10	Excavation for pipe line in soft soil i/c trimming dressing sides to true alignment design section profile and shape leveling of beds of tanks to correct level and grade i/c laying of earth in 6" thick layers for construction of beds dressing and disposal of surplus earth in the one chain or as directed by Engineer incharge i/c providing fence guards lights flags wherever required lift upto 5ft lead to one chain (PHSI No: 14 P-66)	112.00 CFT	RS: 3600/00	P.%0 CFT	RS: 403/00
11	Excavation for pipe line in soft soil i/c trimming dressing sides to true alignment design section profile and shape leveling of beds of tanks to correct level and grade i/c laying of earth in 6" thick layers for construction of beds dressing and disposal of surplus earth in the one chain or as directed by Engineer incharge i/c providing fence guards lights flags wherever required lift upto 5ft lead to one chain (PHSI No: 14 P-66)	84.00 CFT	RS: 5400/00	P.%0 CFT	RS: 454/00
12	Providing RCC Pipe of ASTM C -76-60/C76 Class II Wall "B" fixing in trenches i/c cutting fitting and jointing with rubber to the specified pressure (PHSI No B1 P-17) 15"Dia	8.00RFT	RS: 515/00	P.RFT	RS: 4120/00
13	Refilling the excavated stuff in trenches 6" thick layers i/c watering ramming to full compaction etc complete (PHSI NO 24 P-77)	176.40CFT	RS: 2760.00	P.%0CFT	RS: 487/00
					TOTAL RS: 171373/00

C COMPOUND WALL

01	Excavation in foundation of buildings bridges & other structures i/c dag belling dressing & refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 18 p no 4)	1038.62CFT	RS: 3176/25	P-%0 CFT	RS: 3296/00
02	Cement concrete brick or stone ballast 1 1/2"--2" guage (c.s.i no 4 p no:17)	347.50 CFT	RS: 9416/28	P % CFT	RS: 32722/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture	373.42 SFT	RS: 4982/18	P-% SFT	RS: 16811/00
04	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25)	1695.05 CFT	RS: 11948/36	P %CFT	RS: 202531/00
05	Pacca brick work in other than in cement sand mortar 1:6 (c.s.i no5 p-25)	1011.00 CFT	RS: 12346/65	P %CFT	RS: 124825/00
06	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding errection in position (C.S.I no-02 p- 96)	5.35 CWT	RS: 4928/49	P- CWT	RS: 26367/00
07	Errrection & fitting in position of iron trusses lagging of water tanks etc (P.H.S.I NO-3 P-96)	5.35CWT	RS: 271/04	P-CWT	RS: 1450/00
08	R.C.C working roof slab beams ,columns, rafts, lintels, & other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4.	51.50 CFT	RS: 337/00	P- CFT	RS: 17356/00

09	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints& fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)	2.62 CWT	RS: 5001/70	P- CWT	RS: 10304/00
10	Preparing surface painting doors & window any type i/c edge	100.00SFT	RS: 2116/41	P-%SFT	RS: 2116/00
11	Cement painting strict joints on walls	1347.00SFT	RS: 1213/58	P-%SFT	RS: 16347/00
12	Cement plaster 1:6 upto 12ft height	3771.75 SFT	RS: 2206/60	P-% SFT	RS: 83227/00
13	Cement plaster 1:4 upto 11ft height	3771.75 SFT	RS: 2197/52	P-% SFT	RS: 82885/00
14	Preparing the surface & pointing with weather coat i/c subbing the surface with rubbing bricks / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make (CSI No: 38 A-P 56)	3771.75SFT	RS: 1948/10	P-%SFT	RS: 73477/00
					TOTAL RS: 693714/00

D STAFF QUARTER

01	Excavation in foundation of buildings bridges & other structures i/c dag belling dressing& refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 18 p no 4)	285.00CFT	RS: 3176/25	P-%0 CFT	RS: 905/00
02	Cement concrete brick or stone ballast 1 1/2"--2" guage (c.s.i no 4 p no:17)	129.68 CFT	RS: 9416/28	P % CFT	RS: 12211/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture	81.47 SFT	RS: 4982/18	P-% SFT	RS: 4059/00
04	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25)	405.85 CFT	RS: 11948/36	P %CFT	RS: 48492/00
05	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25)	339.38 CFT	RS: 12374/36	P %CFT	RS: 43014/00
06	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding erection in position (C.S.I no-02 p- 96)	3.96 CWT	RS: 4928/49	P- CWT	RS: 19517/00
07	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4	166.70 CFT	RS: 337/00	P- CFT	RS: 56178/00
08	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints& fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)	6.69 CWT	RS: 5001/70	P- CWT	RS: 33500/00
09	Preparing surface painting doors & window any type i/c edge	93.50SFT	RS: 2116/41	P-%SFT	RS: 1979/00
10	Cement painting strict joints on walls	389.00SFT	RS: 1213/58	P-%SFT	RS: 4721/00
11	Cement plaster 1:6 upto 12ft height	801.97 SFT	RS: 2206/60	P-% SFT	RS: 17696/00
12	Cement plaster 1:4 upto 11ft height	801.97 SFT	RS: 2197/52	P-% SFT	RS: 17623/00
13	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5ft (CSI No: 21 P No: 4)	531.26 CFT	RS: 1512/50	P-%0CFT	RS: 804/00
14	Providing laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI NO 16 P No: 42)	177.08 CFT	RS: 3275/50	P-%0CFT	RS: 5800/00

15	Primary coat of chalk distempering etc complete- 1078.97 SFT	RS: 442/75	P-%0CFT	RS: 4777/00
16	Distempering of two coats 1078.97 SFT	RS: 443/90	P-%0CFT	RS: 11263/00
				TOTAL RS: 282539/00

E PUMP HOUSE

01	Excavation in foundation of buildings bridges & other structures i/c dag belling dressing & refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 18 p no 4) 236.00CFT	RS: 3176/25	P-%0 CFT	RS: 750/00
02	Cement concrete brick or stone ballast 1 1/2"--2" guage (c.s.i no 4 p no:17) 126.18 CFT	RS: 9416/28	P % CFT	RS: 11282/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture 66.67 SFT	RS: 4982/18	P-% SFT	RS: 3322/00
04	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25) 332.76 CFT	RS: 11948/36	P %CFT	RS: 39759/00
05	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25) 413.25 CFT	RS: 12674/36	P %CFT	RS: 52377/00
06	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding errection in position (C.S.I no-02 p- 96) 2.94 CWT	RS: 4928/49	P- CWT	RS: 14490/00
07	R.C.C working roof slab beams ,columns, rafts, lintels, & other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4 145.25 CFT	RS: 337/00	P- CFT	RS: 48950/00
08	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints & fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20) 5.83 CWT	RS: 5001/70	P- CWT	RS: 29160/00
09	Preparing surface painting doors & window any type i/c edge 69.50SFT	RS: 2116/41	P-%SFT	RS: 1471/00
10	Cement plaster 1:6 upto 12ft height 1351.56 SFT	RS: 2206/60	P-% SFT	RS: 29824/00
11	Cement plaster 1:4 upto 11ft height 1351.56 SFT	RS: 2197/52	P-% SFT	RS: 29701/00
12	Filling watering ramming in floor surplus earth from foundation lead upto one chain and lift upto 5ft (CSI No: 21 P No: 4) 544.57 CFT	RS: 1512/50	P-%0CFT	RS: 824/00
13	Providing laying 2" thick CC Topping 1:2:4 i/c surface finishing and dividing into panels (CSI NO 16 P No: 42) 181.50 CFT	RS: 3275/50	P-%0CFT	RS: 5945/00
14	Primary coat of chalk distempering etc complete 1543.56 SFT	RS: 442/75	P-%0CFT	RS: 6834/00
15	Distempering of two coats 1351.56 SFT	RS: 1043/90	P-%0CFT	RS: 16113/00
				TOTAL RS: 291402/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE	NON-SCHEDULE	TOTAL
1	RCC Collecting Tank/ Inter Connection 01 No:	3192352/00		3192352/00
2	Screening Chamber	171373/00		171373/00
3	Compound wall	693714/00		693714/00
4	Staff Quarter	282539/00		282539/00
5	Pump House.	291402/00		291402/00
		4631380/00		4631380/00

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE specification
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the rate shall be governed with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

CONTRACTOR


EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

SCHEDULE 'B'

Name of Work:-

PROVIDING INSTALLING PUMPING MACHINERY SETS OF 15 BHP WITH KSB TURBINE PUMP FOR URBAN WATER SUPPLY SCHEME DAHARKI TALUKA DAHARKI DISTRICT GHOTKI AT MIRPUR MATHELO.

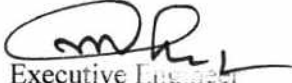
01.	Providing installing transportation & testing of KSB Deep well Turbine Pump Type DWT B7B /5+15 Pole (2900 rpm) KSB standard "VI" solid shaft Motor, totally enclosed fan cooled tropically insulated 3 phase 50 cycles 400+/- with non reverse ratched, make KSB insulation class F & temperature upto 35 (c protection class IP-66 i/c KSB MCU / sd 15 capable of 225 GPM against the total head of 120 ft & setting depth 60 ft. the pump Assembly of 225 stage with mixed flow type impeller, column assembly of 4" internal dia wih flanged discharge piece joint with shaft 20 mm dia each 10/305 1 mm length 6 sets and standard top set 1 set (305) mm discharge head with 4" discharge branch, type VN 1342 a flange prepublication arrangement, mounting clamps for 4 inch column 4 halves i/c instalation of pumping set on cc foundation with nuts and bolts & providing laying (main or sub main) OVC insulated with size 3-7/.44 (6mm2) copper conductor in 1" dia PVC conduit on surface & providing, fixing testing of pumping set against 72 hours quotation attached).	1set	@Rs. 1310,000/00	P. set.	Rs. 13,10,000/00
	Inter connection.				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc complete in all respect the high Density polythelenic PE pipe (HDPE-100) for W/S confirming ISO 4427/DiN 8074 8075 B.S 3580 &PSI 3051 (PHSINO> 1 P.No. 5.	12.00 Rft.	@Rs. 530/00	P.rft/	Rs. 6360/00.
03	Manufacturing and fixing M.S flanged 3" dia made out of M.S sheet 3/8 thick i/c cutting drilling holes etc complete (R.A approved(based on schedule rates .6 " dia.	6 Nos.	@Rs., 804/77	each	Rs. 8429/00
04	But fusion joint.6 " dia.	6 Joints	@Rs. 1000/00	each	Rs. 6000/00
05	Flange Adopter (NSI).	6 Joints.	@RS. 2025/00	each	Rs. 12150/00
06	Supply of Reflex valve heavy pattern test pressure 300 lbs /sq: inch imported (SMINO. 4 P.No. 10). 6"	1 No.	@RS. 4063/50	each	Rs. 4063/00.
07	Supply of sluice valve heavy pattern test pressure 21.00 kg/sq:" cm or 300 lbs/sq. inch imported (SMINO> 2 P.No. 10).	1 No.	Rs. 9360/00	each	Rs. 9360/00
08	C.I. Bend with flange-end with holes i/c turning and facing of flanges for all sizes (PHSINO> 8 P.no. 11). 3" dia delivery side 3 Nos.	1.09 cwt.	@RS. 6096/00	each.	Rs. 6587/00.
09	Supplying C.I. tapered flat bottomed or central tapered flanged end with holes i/c turning & facing flanged for all sizes (PHSINO> 8 P.No. 10).	0.22 cwt	@RS. 6096/00	each.	Rs. 1340/00

10	Providing earthing set 24"x3"x3/8 coper plate Buried at the depth of 12 Or less if water column come out from the ground level mixed with slat characoal potassium nitrate By making the bore 4" dia and 12 depth earth plate to be connected with 8 swp copper conductor wire run ½ G.I.Pipe from the earth plate upto the electric Motor and metallic Board etc complete NSINO. .	1 Job.	@RS. 25000/00	each	Rs. 25000/00
11	Jointing C.I/M.S flanged and specials pipes and inside a trenches ic supplying of the rubber packig of the required thickeness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specified pressure etc complete (PHSINO. 1 P.No> 40.	8 Joints..	@Rs. 938/00	each	Rs. 7504/00
G.Total.					Rs. 1387293/00x10 Rs. 1,38,72,930.00

Abstract.

Item of work.	Schedule *'B'	Non Schedule	G.Total.
1. Pumping machinery i/c Inter connection 10 Nos.	Rs. 4,61,430/00	1,34,71,500/-	Rs. 1,39,32,930/-


Contractor.


 Executive Engineer
 Public Health Engg. Division Ghotki
 @ Mirpur Mathelo.

CONDITIONS.

1. The work shall have to be executed according to PWD/PHE specifications.
2. No premium on non schedule items shall be allowed to the contractors.
3. Any error or omission in the description of item of work and the rate shall be governed with the relevant schedule of rates and estimates.
4. The contractor shall have to bring the material to be used from the quarries mentioned in the estimate.

Contractor.


 Executive Engineer
 Public Health Engg. Division Ghotki
 @ Mirpur Mathelo.


SCHEDULE 'B'

Name of Work:-

PROVIDING INSTALLING PUMPING MACHINERY SETS OF 15 BHP WITH KSB TURBINE PUMP FOR URBAN WATER SUPPLY SCHEME RAHARKI TALUKA DAHARKI DISTRICT GHOTKI AT MIRPUR MATHELO.

01.	Solar Modules (kaneka-japan) thin film 140 wattx160 panels (25 years warranty of solar Modules Against manufactures defect) ABB (German) VFD MPPT solar inverter x1 (1 years for ABB inverter against manufacturerdefect G/ I/sheet (14 guage) panel frames x80 A.c /D.c wires, circuit Breakers, distribution Boards, insulation and transporation and installation to site included civil work ot included.	1set	@Rs. 33,60,000/00	P. set.	Rs. 33 60,000/00
02	Construction of C.C foundation wall 1:3:6 (R.A Attached).	600 rft.	@Rs. 815/00	P.rft.	Rs. 489,000/00
				G.Total.	Rs. 34.89,000/00


Contractor.


Executive Engineer
Public Health Engg. Division Ghotki
@ Mirpur Mathele

CONDITIONS.

01. The work shall have to be executed according to PWD/PHE specifications.
02. No premium on non schedule items shall be allowed to the contractors.
03. Any error or omission in the description of item of work and the rate shall be governed with the relevant schedule of rates and estimates.
04. The contractor shall have to bring the material to be used from the quarries mentioned in the estimate.

Contractor.


Executive Engineer
Public Health Engg. Division Ghotki
@ Mirpur Mathele.

SCHEDULE "B"

NAME OF WORK

CONSTRUCTION OF DISPOSAL WORK COLLECTING TANK 25' DIA, SCREENING CHAMBER 5'X8' , PUMP HOUSE 16'X12' , COMPOUND WALL & STAFF QUARTER) FOR DISPOSAL WORK MEHRAN COTTON FACTORY ZONE "H" FOR URBAN DRAINAGE SCHEME GHOTKI (MEGA PROJECT).

A RCC COLLECTING TANK 25"DIA				
01	Excavation of well in dry up to 25' below ground level & disposal of earth soil With in one chain (p.h.s.i no 1 p no 86)			
	3300.00 CFT	RS: 2247/58	P%0 CFT	RS: 7419/00
02	Wet sinking of well for depth below spring level by means of all charges for Shoring lead in & removing of excavated material with one chain (c.s.i no 3 p-09)			
	2968.28 CFT 0-5'	RS: 11763/80	P-%CFT	RS: 34918/00
	2968.28 CFT 5'-10'	RS: 24200/00	P-%0CFT	RS: 71832/00
	2374.63 CFT 10-"15'	RS: 37230/77	P-%0CFT	RS: 88409/00
03	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4 (c.s.i no- 06 p- 19)			
	1777.96 CFT	RS: 337/00	P- CFT	RS: 599172/00
04	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position ,making joints& fastening i/c cost of binding wire also i/c removal of Rust from bars (c.s.i no-7 p-20)			
	74.75 CFT	RS: 5001/70	P- CFT	RS:373877/00
05	Providing construction of joints in concrete works of 9" (225MM) WIRE CORRUGATED PVC water stop with bulb i/c soldering material & labour.			
	244.92 RFT	RS: 86/00	P-RFT	RS: 121063/00
05	Cement concrete brick are stone ballast			
	1001.33 CFT	RS: 9416/28	P-%CFT	RS: 94288/00
06	Cement concrete plain i/c placing, compacting, finishing curing i/c screening & Washing of stone aggregate w/o shuttering (c.s.i no 05 p-no18)			
	735.93 CFT 1:4:8	RS: 11288/75	P-%CFT	RS: 83078/00
	735.93 CFT 1:3:6	RS: 12595/00	P-%CFT	RS: 92690/00
	490.63 CFT 1:2:4	RS: 14429/25	P-%CFT	RS: 70794/00
07	Bailing or pumping out sub soil ,water during excavation, concreting cost in situ Concrete of masonry work in foundation etc complete (p.h.s.i no- p-)			
	10793.75 CFT	RS: 543/00	P-% CFT	RS: 58610/00
			Total.	Rs.1596150/00

B PUMP HOUSE				
01	Excavation in foundation of buildings bridges &other structures i/c dag belling dressing& refilling around the structures with excavated earth lead up to one chain &lift up to 5 ft (c.s.i no 18 p no 4)			
	236.00 CFT	RS: 3176/25	P-%0 CFT	RS: 750/00
02	Cement concrete brick or stone ballast 1 ½"--2" guage (c.s.i no 4 p no:17)			
	126.18 CFT	RS: 9416/28	P % CFT	RS: 11882/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture			
	66.67 SFT	RS: 4982/18	P-% SFT	RS:3322/00
04	Painting on stone work raised (CSI No: 20 P No: 53) Ratio 1:3			
	170.00 SFT	RS: 1758/08	P %SFT	RS: 2989/00
05	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25)			
	332.76 CFT	RS: 11948/36	P %CFT	RS: 39759/00
08	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25)			

	413.25 CFT	RS: 12674/36	P %CFT	RS: 52377/00
10	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding erection in position (C.S.I no-02 p- 96)			
	2.94 CWT	RS: 4928/49	P- CWT	RS: 14490/00
11	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4			
	145.25 CFT	RS: 337/00	P- CFT	RS: 48950/00
12	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints& fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)			
	5.83 CWT	RS: 5001/70	P- CWT	RS: 29160/00
13	Filling watering and remaining earth under floor with new earth excavated from out side lead upto one chain			
	544.51 CFT	RS: 1512/50	P%0CFT	RS: 824/00
15	Cement plaster 1:6 upto 12ft height			
	1351.56 SFT	RS: 2206/60	P-% SFT	PS: 29824/00
16	Cement plaster 1:4 upto 12ft height 3/8" thick			
	1351.56 SFT	RS: 2197/52	P-% SFT	RS: 29701/00
17	Preparing new surface and painting of doors and windows any type of edge			
	69.50 SFT	RS: 2116/41	P-% SFT	RS: 1471/00
18.	Primary coats of chalk distempering			
	1543.56 SFT.	Rs. 442/75	P.%sft.	Rs; 6834/00
18	Distempering two coats .			
	1543.56 SFT	RS: 1043/90	P-%SFT	RS: 16113/00
				TOTAL RS: 291402/00
C	STAFF QUARTER.			
01	Excavation in foundation of buildings bridges &other structures i/c dag belling dressing& refilling around the structures with excavated earth lead up to one chain &lift up to 5 ft (c.s.i no 18 p no 4)			
	285.00 SFT	RS: 3176/25	P-%0 CFT	Rs. 905/00
02	Cement concrete brick or stone ballast 1 1/2"--2" guage (c.s.i no 4 p no:17)			
	129.68 CFT	RS: 9416/28	P % CFT	RS: 12211/00
05	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture			
	81.47 SFT	RS: 4982/18	P-% SFT	RS: 4059/00
06	Painting on stone work raised (CSI No: 20 P No: 53) Ratio 1:3			
	220.00 SFT	RS: 1758/08	P %SFT	RS: 3868/00
07	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no4 p-19)			
	405.85 CFT	RS: 11948/36	P %CFT	RS: 48492/00
08	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25)			
	339.38 CFT	RS: 12674/36	P %CFT	43014/00
10	Fabrication of heavy steel with angle iron flat iron round iron & sheet iron for Making truses girder tanks etc i/c cutting drilling reviting handling assembling & fixing but excluding erection in position (C.S.I no-02 p- 96)			
	3.96 CWT	RS: 4928/49	P- CWT	RS: 19517/00
11	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4			
	166.70 CFT	RS: 337/00	P- CFT	RS: 56178/00
14	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making			

	6.69 CWT	RS: 5001/70	P- CWT	RS: 33500/00
15	Filling watering and remaining earth under floor with new earth excavated from out side lead upto one chain			
	531.26 CFT	RS: 1512/50	P%0CFT	RS: 804/00
16	Preparing surface painting doors & window any type i/c edge			
	93.50 SFT	RS: 2116/41	P-%SFT	RS: 1979/00
17	Cement painting strict joints on walls			
	401.00 SFT	RS: 1213/58	P-%SFT	RS: 4721/00
18	Cement plaster 1:6 upto 12ft height			
	801.97 SFT	RS: 2206/60	P-% SFT	RS: 17696/00
19	Cement plaster 1:4 upto 12 ft height			
	801.97 SFT	RS: 2197/52	P-% SFT	RS: 17623/00
20	Primary coat of chalk distempering (c.s.i no- 26 p-60)			
	801.97	RS: 442/75	P-% SFT	4777/00
21	Distempering of two coats			
	1078.972457.63 SFT	RS: 1043/90	P-%SFT	RS:11263/00
22	Providing and laying 2"thick topping cement concrete (1:24) ic surface and deriding in to panels			
	177.08 SFT	RS: 3275/50	P-%SFT	RS: 5800/00
				TOTAL RS: 282539/00
D	COMPOUND WALL			
01	Excavation in foundation of building bridges & other structures i/c dag belling dressing refilling around structure with excavated earth watering & ramming lift up to 5 ft etc Complete (C.S I no18 p-no 3)			
	768.00CFT	RS:3176/25	P-%0 CFT	RS: 2439/00
02	Cement concrete brick or stone ballast 1 1/2" -2 gauge.			
	257.50 CFT	RS: 9416/28	P-%0CFT	RS: 24247/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture			
	275.72 SFT	RS: 4982/18	P-% SFT	RS: 13737/00
04.	Pacca brick work other then building upto 20' height cement sand mortar ratio 1"6.			
	741.00 ncft	Rs. 12646/65	P%cft.	Rs. 91489/00
05	Pacca brick work in foundation and plinth in cement sand mortar ratio 1 6			
	1238.50 CFT	RS: 11948/36	P %CFT	RS: 147956/00
06	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4			
	51.50 CFT	RS: 337/00	P- CFT	RS: 17356/00
07	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints& fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)			
	2.06 cwt	RS: 5001/70	P- CWT	RS: 10304/00
8	Fabrication of heavy steel reinforcement for R.C.C or C.C i/c cutting bending, laying In position, making joints& fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)			
	5.35 cwt	Rs. 4928/49	P.cwt	Rs. 26367/00
9	Cement plaster 1:6 upto 12' height 1/2 "thick.			
	2765.75 sFT	RS: 2206/60	P-%SFT	RS: 61029/00
12	Cement plaster 1:4 upto 12.0ft height & 1/2 " thick (CSI No: 11 P No: 52)			
	2765.75 SFT	RS: 2197/52	P-% SFT	RS: 60778/00
13	Cement painting struck on joints on walls.			
	988.00SFT	RS: 1213/58	P-% SFT	RS: 11990/00
14	Errection and fitting in position of iron trusses logging of water tanks etc			
	5.35 cwt	RS: 271/04	P-%SFT	RS: 1450/00

15	Preparing surface painting with weather coat ic subbing the surface with rubbing bricks sand paper filling the volts with chalk / plaster of paints and then painting with weather coat of approved make doors & window any type i/c edge (CSI No: 5 P Mo: 69) three coats			
	2765.75 SFT	RS: 1948/10	P-%SFT	RS: 53880/00
16	Preparig of surface painting doors and windows ny tuype of i/c edge.			
	100.00 sft	@Rs. 2116/41	P.%sft.	Rs. 2116/00
			TOTAL	RS: 525138/00

SCREENING CHAMBER


01	Excavation in foundation of building bridges and other structure i/c dag belling dressing and refilling around the structure with excavated earth lead upto oe chain and lift upto 5ft. CSI No. 18 P>NO. 4).			
	726.00 cft.	RS: 3176/25	P-%Ocft	RS:2306/00
02	Extra for wet earth csi no. 15 PNo. 3).			
	264.00 cft.	@Rs. 1058/75	P.%sft.	Rs. 280/00
03	RCC work in roof slab beams columns rats lintels and other structural members laid in situ or precast laid in position complete in all respect 1:2:4 csi No. 06 P.No. 19).			
	244.00 cft.	RS: 337/00	P.cft.	RS:82228/00
04.	Fabrication of mild steel reinforcement for RCC or cc i/c cutting bending laying in position maing joints and fastening i/c cost of binding wire also i/c removal of rust from bars csi No. 7 P.No. 20).			
	9.80 cwt.	Rs. 5001/70	P.cwt	Rs. 49017/00
05	Providing construction of joints in concrete works of 9" (225mm) Wire corrugated PVC water stop with buil i/c soldering materials and labour			
	29.0 RFT.	Rs. 86/00	P.rft.	Rs. 2494/00
06.	Small iron work such as gusset plate knees per cwt bends string rings etc i/c cutting drilling reverting handling assembling and fixing but excluded erection in osition (csi No. 1 P.No. 91)			
	2.06 cwt.	Rs. 6420/61	P.cwt	Rs. 13226/00
07	Erection and fitting in position of iron trusseslgging of water tanks etc (PHSINO> 3 P.96).			
	2.06 cwt.	Rs. 271/04	P.cwt.	Rs. 558/00
08	Pacca brick work in foundation and plinth in cement sand mortar			
	12.96	Rs. 11948/38	P.%cft.	Rs. 1549/00
09	Cement plaster 1:4 1/2" thick upto 20' height csi No 11 P.52).			
	46.02. cft.	Rs. 2283/93	P.%cft.	Rs. 1051/00
10.	Excavation for pipe line in soft soil i/c trimming dressing sides to true alignment design section profile and shape leveling o of beds of tanks to correct level and grade ic laying of earth in 6" thick layers for construction of beds dressing and disposal of surplus earth in the one chain or as directed by the Engineer incharge i/c providing fence guards lights flags whereger required lift upto 5ft			
	112.00 cft	Rs. 3600/00	P.%ocft.	Rs. 403/00
11	Excavation for pipe line in soft soil i/c trimming dressing sides to true alignment design section profile and shape leveling o of beds of tanks to correct level and grade ic laying of earth in 6" thick layers for construction of beds dressing and disposal of surplus earth in the one chain or as directed by the Engineer incharge i/c providing fence guards lights flags whereger required lift upto 5ft			
	84.00 cft	Rs. 5400/00	P.%ocft.	Rs. 454/00
12	Providing the RCC pipe of ASTM c-76-60/76 class ii wall B fixing in trenches i/c cutting fitting and jointing with rubber to the specified pressure			

	(PHSINO. B 1 P.17).		
	8.00 Rft.	Rs. 515/00	P.rft. Rs. 4120/00
13	Refilling the excavated stuff in trenches 6" layers i/c watering rammig to full compaction etc complete		
	176.40	Rs. 2760/00	P.%ocft. Rs. 487/00
		Total.	Rs. 171373/00

ABSTRACT

S#	NAME OF WORK	SCHEDULE	TOTAL
1	RCC Collecting Tank	15,96,150/00	15,96,150/00
2	Pump House	2,91,402/00	2,91,402/00
3	Staff Quarter	2,82,539/00	2,82,539/00
4	Compound Wall	5,25,138/00	5,25,138/00
5	Screening chamber	1,71,373/00	1,71,373/00
	Total.	28,66,602/00	28,66,602/00


CONTRACTOR


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGG: DIVISION
 GHOTKI @ MIRPUR MATHELO

CONDITION

- 01 The work shall have to be executed according to PWD/PHE specification
- 02 No premium on non schedule item shall be allowed to the contractor
- 03 Any error omission in the description of item of work and the rate shall be governed with the relevant schedule of rate and estimate
- 04 The contractor shall have to bring the material to be used from the quarries mentioned in the estimate

CONTRACTOR


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGG: DIVISION
 GHOTKI @ MIRPUR MATHELO

SCHEDULE 'B'

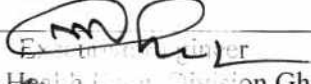

Name of Work:- PROVIDING INSTALLING ELECTRIC PUMPING MACHINERY 60 BHP AND 250 KVA GENERATOR PUMP HOUSE (GENERATOR ROOM) FOR URBAN WATER SUPPLY SCHEME DAHARKI .

A).	GENERATOR 250 k KVA.				
01.	Supplying and installing commissioning Diesel Generator set 250 KVA perkins (UK) Model P-250-1160A-70 TAG2 according to output prime 250 KVA /120 KW output stand by 165 KVA /132 KW 1500 RPM 3 phase frequency 50+12 voltage 230/400 V with bore 105 mm stroke 135 mm cooling air to air with 6 cylinder vertical in line 4 stroke water cooled with standard accessories & base frame having built in fuel tank complete exhaust system with safely devices like speed control oil pressure and many more saafely devices i/c carriage upto site & supplying installing alternator standard made in UK 4 pole rotating field brushless synchronous self excited self regulated installed and temperature classes H 415 /220 V 3 phase 4 wire 50 hz power factor 0.81 at 1500 rpm supplying canopy locally fabricated super sound and weather proof canopy consisting 14/16 swg m.s sheet supplying manual motor control panel and testing 48 hours (RA attached).	1set	@Rs. 6856000/00	P. set.	Rs. 6856000/00
02	Providing and laying (main or sub main) PVC isulated PVC sheeted with 4 core copper conductor 600/1000 volts size 150 mm ² (ESINO> 109 P.13).	15 meter .	@Rs. 10028/00	P.rft.	Rs. 150420/00
				G.Total.	Rs. 7006420/00
B	ELECTRIC MOTOR 60 BHP				
01	Supplying and installing in position at site of work for W/ S Scheme Electric Moor set 60 BHP Siemens Made) 2 pole 2900 RPM 3- phase 400 VAC 50 cycles coupled with KSB centrifugal pump type 100-200 size 4x5" i/c KSB steel frame and coupling with seleeve etc complete capable of discharging 800 gallons per minute against a head of 160 ft i/c installation of pumping set in cement concrete foundation ratio 1:2:4 with MS nuts and bolts to be embedded in CC foundation i/c supplying and fixing motor control unit (MCU) consist of circuit breaker magnetic contractor over load protection under / over voltage protection phase failure protection AM meter with current transformer volt meter with potential transformer automatic star delta change over switch controlled and power cables indicating lights and all these components are fixed in a metallic dust and smoke proof box etc complete (Siemens Made).	04 sets.	@Rs. 810,000/00	P.set.	Rs. 32,40,000/00
	INTER CONNECTION.				
02	Providing laying and fixing in trenches i/c fitting jointing and testing etc complete in all respect the high Density polyuethylenc PE pipe (HDPE-100) for W/S conforming ISO 4427/DIN 8074 /8075 B.S 3580 &PSI 3051 (PHSINO> 1 P.No. 5.	48 Rft.	@Rs. 530/00	P.rft/	Rs. 25440/00
03	DELIVERY 12" dia.(315 MM)				

	24 rFT.	@Rs., 1998/00	p.RFT.	Rs. 47592/00
04	c.i. Bend with flanged end with holes i/c turning and facing of flanges for all sizes (PHSINO. 8 P.12).			
	2.23 cwt	@Rs. 6096/00	each	Rs. 13594/00
05	C.. tee with flanged end with holes i/c turning and facing of flanges for all sizes (PHSINO> 8 P.12).			
	1.60 cwt..	@RS. 6096/00	each	Rs. 9754/00
06	Supplying and installing M.S Pipe made out of M.S sheet 3/16" i/c folding to correct curvature shape i/c welding etc complete section 6" dia.			
	234 rft..	@RS. 749/34	each	Rs. 17984/00.
07	Providing and fixing M.S flange made of M.S plate having a thickness and total weight as mentioned against each item it includes the cost of making holes facing welding nuts bolts rubber packing white lead fitter cartage etc complete (PHSINO. 8 P/88). ½ thick M. s Plate. .			
	16 Nos. .	Rs. 1520/00	each	Rs. 24320/00
08	Delivery 12" dia .			
	15 Nos.	@RS. 2952/00	each.	Rs. 44280/00
09	Providing earthing set 24"x3"x3/8 coper plate Buried at the depth of 12 Or less if water column come out from the ground level mixed with slat characoal potassium nitrate By making the bore 4" dia and 12 depth earth plate to be connected with 8 swp copper conductor wire run ½ G.I.Pipe from the earth plate upto the electric Motor and metallic Board etc complete NSINO. .			
	4 sets.	@RS. 25000/00	each	Rs. 1,00,000/00
10	C.I. tapered flat bottomed or central tapered flanged end with holes i/c turning facing flanged for all sizes (PHSINO. 7 P.no. 11).			
	3.21 cwt.	@RS. 6096/00	Pcwt	Rs. 19568/00
11	C.I.Sluice valve heavy pattern test ressure 21 kg/sq: cm or 300 or lbs/sq.inch (PHSINO. 16 P.no.11).			
	4 Nos. 4" dia.	@RS. 5460/00	each	Rs. 21840/00
12	C.I. reflex valve heavy pattern rtest pressure 21 kg/ sq' cm or 300 or lbs/sq: inch (PHSINO. 16 P.11).			
	4 Nos. 4" dia.	@RS. 1706/.250	each	Rs. 6825/00
13	C.I. Foot valve heavy pattern with cone type gate imported (PHSINO> 14 P. No. 11).			
	4 Nos. 6" dia.	@RS. 1381/25	each	Rs. 4425/00
14	But fusion joint (PHSINO> 1 P.No. 20).			
	16 Nos. 6" dia.	@RS. 1000/00	each	Rs. 16000/00
	15 Nos. 12" dia.	@RS. 2200/00	each	Rs. 33000/00
15	Flange adopter (Non schedule items.).			
	16 Nos. 6" dia.	@RS. 2025	each	Rs.32400/00

	15 Nos. 8" dia..	@RS. 12150/00	each	Rs. 194,400/00
11	Jointing C.I./M.S flanged and specials pipes and inside a trenches ic supplying of the rubber packig of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specified pressure etc complete (PHSINO. 1 P.No> 40.			
	16 Joints.. 6" dia..	@Rs. 938/00	each	Rs. 15008/00
	15 Joints. 12" dia.	@Rs. 2239/00	each	Rs. 33585/00
	12 Joints. 4" dia.	@Rs. 513/00	each	Rs. 6156/00
	G.Total.			Rs. 6,79,154
PUMP HOUSE (GENERATOR ROOM).				
01	Excavation in foundation of buildings bridges & other structures i/c bag belling dressing & refilling around the structures with excavated earth lead up to one chain & lift up to 5 ft (c.s.i no 18 p no 4)			
	552.00 cft.	@Rs. 3176/25	P.%cft.	Rs. 800/00
02	Cement concrete brick or stone ballast 1 1/2"--2" guage (c.s.i no 4 p no: 17)			
	162.16 cft.	@Rs. 9416/28	P.%cft.	Rs. 15254/00
03	Damp proof coarse with cement sand & shingle concrete (1:2:4) i/c two coats Maxphalt mixture			
	71.16 cft.	@Rs. 4982/18	P.%cft.	Rs. 3045/00
	Pacca brick work in foundation and plinth in cement sand mortar 1:6 (c.s.i no5 p-25)			
	284.66 cft.	@Rs.11948/36	P.%cft.	Rs. 34014/00
	Pacca brick work in ground floor in cement sand mortar 1:6 (c.s.i no5 p-25)			
	512.63 cft.	@Rs. 12346/65	P.%cft.	Rs. 64073/00
	Supplying and fixing in position iron / steel grill of 3/4 x 1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not be less than 3.7 k/sq> feet on finished grill (GSINO. 26 P.No. 92).			
	24.00 cft.	@Rs. 180.50	P.%cft.	Rs. 3771/00
	S/F steel and work door (GSINO. 26 P.92).			
	42.00 cft.	@Rs. 231/60	P.%cft.	Rs. 9727/00
	R.C.C working roof slab beams ,columns, rafts, lintels,& other structural members Laid in situ or pre-cast laid in position complete in all respect ratio 1:2:4			
	143.36 cft.	@Rs. 337/00	P.%cft.	Rs. 48312/00

	Fabrication of mild steel reinforcement for R.C.C or C.C i/c cutting bending laying in position, making joints & fastening i/c cost of binding wire also i/c removal of rust from bars (c.s.i no-7 p-20)			
	6.45 cwt	@Rs. 5001/70	P.cwt.	Rs. 32261/00
	Filling watering and remaining earth under floor with new earth excavated from outside lead upto one chain			
	512.59 cft.	@Rs. 3630/20	P.%cft.	Rs. 1861/00
	Preparing surface and painting of doors and windows any tye (CSINO> 4 P 76).			
	56.00 sft.	@Rs. 1489/68	P.%sft.	Rs. 834/00
	Cement painting struck joints on walls (CSINO> 19 P. 59).			
	726.00sft.	@Rs. 1213/58	P.%sft.	Rs. 8811/00
	Cement plaster 1:6 upto 20 heigh 3/8" thick (CSIN 11 P.58).			
	856.44 sft cft.	@Rs. 2206/60	P.%sft.	Rs. 18898/00
	Cement plaster 1:4 upto 20 Hieght and 1/2 " thick (CSN 11)P.No. 58)			
	856.44 sft.	@Rs. 2197/52	P.%sft.	Rs. 18820/00
	White washing two coats (CSINO> 23 P. 59).			
	324.00sft.	@Rs. 425/84	P.%sft.	Rs. 1380/00
	Dismantalling two coats (CSI No. 25 P. 60).			
	856.44 sft.	@Rs. 1043/90	P.%sft.	Rs. 8940/00
	Primary cost of chalk distempering csi No. 23 P. 59).			
	856.44 sft	@Rs. 442/75	P.%cft.	Rs. 3772/00
	Providing and laying 2 " thick topping cement concrete 1:2 1/4 i/c surface finishing and dividing in ot panels (csi No. 16 P.no. 47).			
	216.00sft.	@Rs. 4411/82	P.%cft.	Rs. 9530/00
			Total.	Rs. 284523/00
	ABSTRACT			
S.NO.	Item of work.	Schedule B	Non schedule	G. total
01.	Generator	150,420/00	6856000/00	7006420/00

02	Pumping Machinery	--	32,40,000/00	32,40,000/00
03	Inter Connection.	340,825/00	3,26,800/00	6,67,625/00
04	Generator room	2,84,523/00	----	2,84,523/00
	Contractor.			 Executive Engineer Public Health Engg. Division Ghotki @ Mirpur Mathelo.
	<p>CONDITIONS.</p> <ol style="list-style-type: none"> 01. The work shall have to be executed according to PWD/PHD specifications. 02. No premium on non schedule items shall be allowed to the contractor. 03. Any error or omission in the description of item of work and the rate shall be governed with the relevant schedule of rates and estimates. 04. The contractor shall have to bring the material to be used from the quarries mentioned in the estimate. 			 Executive Engineer Public Health Engg. Division Ghotki @ Mirpur Mathelo.
	Contractor.			

PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH

PUBLIC HEALTH ENGINEERING DIVISION GHOTKI



BIDDING DOCUMENTS WITH FINANCIAL PROPOSAL

FOR

Name of Work:-

Name of Department:-

Public Health Engineering Department.

Name of Procuring Agency:-

**Executive Engineer, Public Health Engineering
Division Ghotki @ Mirpur Mathelo.**

Documents Issued to:-

BIDDING DATA

(This section should be filled in by the Engineer/Procuring Agency before issuance of the Bidding Documents. The following specific data for the works to be tendered shall complement, amend, or supplement the provisions in the Instructions to Bidders. Wherever there is a conflict, the provisions herein shall prevail over those in the Instructions to Bidders.)

Instructions to Bidders

Clause Reference

1.1 **Name of Procuring Agency :-**

Executive Engineer, Public Health Engg: Division Ghotki @ Mirpur Mathelo

Brief Description of Works :-

5.1 (a) Procuring Agency's address:

Opposite Old Taluka Hospital Mirpur Mathelo

(b) Engineer's address:

Same as above

10.3 Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

11.2 The bidder has the financial, technical and constructional capability necessary to perform the Contract as follows:

i. Financial capacity:

(See N.I.T Eligibility Criteria at Para-5)

ii. Technical capacity::

(See N.I.T Eligibility Criteria at Para-5)

iii. Construction Capacity:

(See N.I.T Eligibility Criteria at Para-5)

12.1 (a) A detailed description of the Works, essential technical and performance characteristics.

(As Per Technically Sanctioned Estimate)

- (b) Complete set of technical information, description data, literature and drawings as required in accordance with Schedule B to Bid, Specific Works Data. This will include but not be limited to a sufficient number of drawings, photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimensions and other relevant information about the works to be performed.

(As Per Technically Sanctioned Estimate)

13.1 Amount of Bid Security

2% of Rs: Million i.e Rs: Million

14.1 Period of Bid Validity

90 Days

14.4 Number of Copies of the Bid to be submitted:

One original plus () copies.

14.6 (a) Procuring Agency's Address for the Purpose of Bid Submission

Opposite Old Taluka Hospital Mirpur Mathelo

15.1 Deadline for Submission of Bids

Time: **1:00** PM on - -**2016.**

16.1 Venue, Time, and Date of Bid Opening

Venue: **Executive Engineer, Public Health Engineering Division Ghotki @ Mirpur Mathelo.**

Time: **2:00** P.M Date: - -**2016.**

16.4 Responsiveness of Bids

(i) Bid is valid till required period,

(ii) Bid prices are firm during currency of contract.

- (iii) Completion period offered is within specified limits,
- (iv) Bidder is eligible to Bid and possesses the requisite experience, capability and qualification.
- (v) Bid does not deviate from basic technical requirements and
- (vi) Bids are generally in order, etc.

Fixed Price contract:- In this contract no escalation will be provided during currency of the contract and normally period of completion of this work is upto **(082) months.**

FORM OF BID
(LETTER OF OFFER)

Bid Reference No.

To:

Executive Engineer,
Public Health Engg: Division,
Ghotki @ Mirpur Mathelo.

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos.

_____ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address _____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of _____ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.

5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.
8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

in the capacity of _____ duly authorized to sign bid for and on behalf of

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices
- Schedule B to Bid: Specific Works Data
- Schedule C to Bid: Works to be Performed by Subcontractors
- Schedule D to Bid: Proposed Program of Works
- Schedule E to Bid: Method of Performing Works
- Schedule F to Bid: Integrity Pact]

SCHEDULE - A TO BID

SCHEDULE OF PRICES – SUMMARY OF BID PRICES

Bill No.	Description	Total Amount (Rs)
1.	<u>Public Health Engineering Works.</u>	
	Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words). Rupees:- _____ _____	

SCHEDULE - A TO BID

SCHEDULE OF PRICES

Item No.	Description	Quantity	Unit Rate(Rs)	Total Amount (Rs)
<i>Attached</i>				
<p>Total (to be carried to Summary of Bid Price) Add/ Deduct the percentage quoted above/below on the prices of items based on Composite Schedule of Rates.</p>				

***SPECIFIC WORKS DATA**

CONDITIONS

1. The work will be carried out as per PWD/PHE specification.
2. No premium will be allowed on non-schedule items.
3. Any error and omission in the description of item of work then rate shall be governed with the relevant schedule of rates and Technically Sanctioned Estimate.
4. The contractor shall have to bring the material to be used in the work from quarries mentioned in the Technically Sanctioned Estimate.

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed. (<i>attach evidence</i>)
-------------------------------------	-------------------------------------	--

Note:

* *The Procuring Agency should decide whether to allow subcontracting or not.*

In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

PROPOSED PROGRAMME OF WORKS

Name of Work:-

Bidder shall provide a programme in a bar-chart or Program Evaluation and Review Technique (PERT) or Critical Path Method (CPM) showing the sequence of work items by which he proposes to complete the works of the entire Contract. The programme should indicate the sequence of work items and the period of time during which he proposes to complete the works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of works to be supplied under the Contract.

METHOD OF PERFORMING WORKS

Name of Work:-

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- A list of all major items of construction and plant erection, tools and vehicles proposed to be used in delivering/carrying out the works at site.
- The procedure for installation of equipment and transportation of equipment and materials to the site.
- Organization chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

SCHEDULE – F TO BID

(INTEGRITY PACT)

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC
PAYABLE BY CONTRACTORS
(FOR CONTRACTS WORTH RS. 10.00 MILLION OR MORE)**

Contract No. _____ Dated _____
Contract Value: _____
Contract Title: _____

..... [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [name of Contractor] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from, from Procuring Agency (PA) except that which has been expressly declared pursuant hereto.

[name of Contractor] accepts full responsibility and strict liability that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [name of Contractor] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from PA.

.....
[Procuring Agency]

[Contractor]

SCHEDULE (A)

TERMS & CONDITIONS OF CONTRACT

1. The Sindh sales tax special procedure (with holding) rules, 2011 shall apply to taxable services as are supplied, provided or rendered to persons, specified as with holding agents, in the with holding procedure, for the purpose of deduction and deposit of sales tax.
2. The Contract / Firm has to arrange potable water to use in construction on his cost.
3. The contractor shall have to pay 0.30% of contract cost in shape of revenue stamp duty at the time of agreement.
4. 10% deposit will be received from contractor in shape of 2% call deposit along with bid and 8% shall be withheld on all running bills.
5. All the material of approved quality will be used, sample of the material, fixture, cement, sand, crush, bricks, pipes, fitting, UPVC, Electrical will be got approved in advance / before execution. For Pumping Machinery, Diesel Engine & Generator, Contractor will provide Manufacturer's certificate which will be verified by Incharge Engineer before making payment. Samples shall be collected from each new lot stacked at site in the presence of Executive Engineer or representatives and jointly sealed and got tested from approved laboratory at contractor's own cost in case the contractor fails to comply with this condition.
6. The Contractor shall maintain at the site of work "Site Order Book" (of triplicate leaves) at his own cost for taking instructions and directions from the supervising monitoring officers / officials.
7. The contractor shall at his own cost provide a suitable size high visibility signboard at each location indicating the details of project as approved by the Engineer Incharge.
8. No Premium shall be allowed on non-schedule item and 1 year operation & maintenance component.
9. On successful completion of 1 year operation & maintenance, the contractor shall hand over the scheme to concerned Executive Engineer in sound and satisfactory running condition.
10. **PAYMENT MECHANISM.**
 - A) The contractor shall submit running bills against the work done at site to Executive Engineer for verification and payment.
 - B) The amount of mobilization advance shall be proportionally deducted from each bill.
 - C) Payment against 1 year operation & maintenance shall be made on monthly basis, evenly divided in 12 months for each completed scheme.
 - D) No cost escalation shall be allowed on operation & maintenance component or part thereof.
 - E) The contractor shall submit copy of each paid electricity bill to Executive Engineer every month regularly.

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

INSTRUCTIONS TO BIDDERS

(Note: *These Instructions to Bidders (IB) along with Bidding Data will not be part of Contract and will cease to have effect once the Contract is signed.*)

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Procuring Agency as defined in the Bidding Data (hereinafter called —the Procuring Agency) wishes to receive Bids for the Works summarized in the Bidding Data

(hereinafter referred to as —the Works).

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Procuring Agency has arranged funds from its own sources or *Federal/ Provincial /Donor agency or any other source*, which may be indicated accordingly in bidding data towards the cost of the project/scheme.

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of works.

Provided that the works costing Rs. 2.5 million or less shall not require any registration with PEC .

- b) duly pre-qualified with the Procuring Agency. (*Where required*).

In the event that prequalification of potential bidders has been undertaken, only bids from prequalified bidders will be considered for award of Contract.

- c) if prequalification has not undertaken , the procuring agency may ask information and documents not limited to following:-
 - (i) company profile;
 - (ii) works of similar nature and size for each performed in last 3/5 years;
 - (iii) construction equipments;
 - (iv) qualification and experience of technical personnel and key site management;
 - (v) financial statement of last 3 years;
 - (vi) information regarding litigations and abandoned works if any.

IB.3 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Procuring Agency will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process (SPP Rules 24 & 25).

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bids, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.
1. Instructions to Bidders & Bidding Data
 2. Form of Bid, Qualification Information & Schedules to Bid Schedules to Bid comprise the following:
 - (i) Schedule A: Schedule of Prices/ Bill of Quantities (BoQ).
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Programme of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact (works costing Rs 10 million and above)
 3. Conditions of Contract & Contract Data
 4. Standard Forms:
 - (i) Form of Bid Security,
 - (ii) Form of Performance Security;
 - (iii) Form of Contract Agreement;
 - (iv) Form of Bank Guarantee for Advance Payment.
 5. Specifications
 6. Drawings, if any

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Procuring Agency at the Engineer's/ Procuring Agency's address indicated in the Bidding Data.
- 5.2 An interested bidder, who has obtained bidding documents, may request for clarification of contents of bidding documents in writing and procuring agency shall respond to such queries in writing within three calendar days, provided they are received at least five calendar days prior to the date of opening of bid (SPP Rule 23-1).

IB.6 Amendment of Bidding Documents (SPP Rules 22(2) & 22).

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Agency may, for any reason, whether at his own initiative or in response to a clarification requested by a interested bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof, and shall be communicated in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Procuring Agency.
- 6.3 To afford interested bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Agency may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 All documents relating to the Bid shall be in the language specified in the Contract Data.

IB.8 Documents Comprising the Bid

- 8.1 The Bid submitted by the bidder shall comprise the following:
- (a) Offer /Covering Letter
 - (b) Form of Bid duly filled, signed and sealed, in accordance with IB.14.3.
 - (c) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with IB.14.3.
 - (d) Bid Security furnished in accordance with IB.13.
 - (e) Power of Attorney in accordance with IB 14.5.
 - (f) Documentary evidence in accordance with IB.2(c) & IB.11
 - (g) Documentary evidence in accordance with IB.12.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before Bidding as to the correctness and sufficiency of his Bid and of the premium on the rates of CSR / rates and prices quoted/entered in the Schedule of Prices, which rates and prices shall except in so far as it is otherwise expressly provided in the Contract, cover all his obligations under the Contract and all matters and things necessary for the proper completion of the works.
- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a Contract for execution of the Works.

IB.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the Schedule of Prices (Schedule A to Bid) indicating the percentage above or below the Composite Schedule of Rates/unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices/Bill of Quantities shall be quoted entirely in Pak Rupees keeping in view the instructions contained in the Preamble to Schedule of Prices.
- 10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.
- 10.3 The unit rates and prices in the Schedule of Prices or percentage above or below on the composite schedule of rates shall be quoted by the bidder in the currency as stipulated in Bidding Data.
- 10.4 Items for which no rate or price is entered by the Bidder will not be paid for by the Procuring Agency when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the Contract if its bid is accepted.
- 11.2 Bidder must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria mentioned in the Bidding Documents.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

- 12.1 The documentary evidence of the Works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment, and references to brand names or catalogue numbers, if any, designated by the Procuring Agency in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, at the option of the bidder, a Bid Security as percentage of bid price/estimated cost or in the amount stipulated in Bidding Data in Pak. Rupees in the form of *Deposit at Call/ Payee's Order or a Bank Guarantee* issued by a Scheduled Bank in Pakistan in favour of the Procuring Agency valid for a period up to twenty eight (28) days beyond the bid validity date (*Bid security should not be below 1% and not exceeding 5% of bid price/estimated cost SPP Rule 37*).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Agency as non-responsive.
- 13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.
- 13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, and signed the Contract Agreement (SPP Rule 37).
- 13.5 The Bid Security may be forfeited:
 - (a) if a bidder withdraws his bid during the period of bid validity; or
 - (b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or
 - (c) in the case of a successful bidder, if he fails within the specified time limit to:
 - (i) furnish the required Performance Security or
 - (ii) sign the Contract Agreement.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.

- 14.2 In exceptional circumstances, Procuring Agency may request the bidders to extend the period of validity for a additional period but not exceeding 1/3 of the original period. The request and the bidders' responses shall be made in writing or by cable. A Bidder may refuse the request without forfeiting the Bid Security. A Bidder agreeing to the request will not be required or permitted to otherwise modify the Bid, but will be required to extend the validity of Bid Security for the period of the extension, and in compliance with IB.13 in all respects (SPP Rule 38).
- 14.3 All Schedules to Bid are to be properly completed and signed.
- 14.4 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.
- 14.5 Each bidder shall prepare Original and number of copies specified in the Bidding Data of the documents comprising the bid as described in IB.8 and clearly mark them —ORIGINAL and —COPY as appropriate. In the event of discrepancy between them, the original shall prevail.
- 14.6 The original and all copies of the bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorising the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.
- 14.7 The Bid shall be delivered in person or sent by registered mail at the address to Procuring Agency as given in Bidding Data.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Agency at the address/provided in Bidding Data not later than the time and date stipulated therein
- 15.2 The inner and outer envelopes shall
- (a) be addressed to the Procuring Agency at the address provided in the Bidding Data;
 - (b) bear the name and identification number of the Contract as defined in the Bidding and Contract Data; and
 - (c) provide a warning not to open before the specified time and date for Bid opening as defined in the Bidding Data.
 - (d) in addition to the identification required in 15.2, the inner envelopes shall indicate the name and address of the Bidder to enable the Bid to be returned unopened in case it is declared late.
 - (e) If the outer envelope is not sealed and marked as above, the Procuring Agency will assume no responsibility for the misplacement or premature opening of the Bid.
- 15.3 Bids submitted through telegraph, telex, fax or e-mail shall not be considered.

- 15.4 Any bid received by the Procuring Agency after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.5 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Agency prior to the deadline for submission of bids.
- 15.6 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation (SPP Rules 41, 42 & 43)

- 16.1 The Procuring Agency will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and in the place specified in the Bidding Data.
- 16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Procuring Agency at its discretion may consider appropriate, will be announced by the Procuring Agency at the bid opening. The Procuring Agency will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account in the evaluation of bid.

- 16.3 To assist in the examination, evaluation and comparison of Bids the Engineer/Procuring Agency may, at its discretion, ask the bidder for a clarification of its Bid. The request for clarification and the response shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted (SPP Rule 43).
- 16.4 (a) Prior to the detailed evaluation, pursuant to IB.16.7 to 16.9, the Engineer/Procuring Agency will determine the substantial responsiveness of each bid to the Bidding Documents. For purpose of these instructions, a substantially responsive bid is one which conforms to all the terms and conditions of the Bidding Documents without material deviations. It will include determining the requirements listed in Bidding Data.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Procuring Agency in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security forfeited.

- 16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.
- 16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency provided such waiver does not prejudice or affect the relative ranking of any other bidders.

(A). Major (material) Deviations include:-

- (i) has been not properly signed;
- (ii) is not accompanied by the bid security of required amount and manner;
- (iii) stipulating price adjustment when fixed price bids were called for;
- (iv) failing to respond to specifications;
- (v) failing to comply with Mile-stones/Critical dates provided in Bidding Documents;
- (vi) sub-contracting contrary to the Conditions of Contract specified in Bidding Documents;
- (vii) refusing to bear important responsibilities and liabilities allocated in the Bidding Documents, such as performance guarantees and insurance coverage;
- (viii) taking exception to critical provisions such as applicable law, taxes and duties and dispute resolution procedures;
- (ix) a material deviation or reservation is one :
 - (a) which affect in any substantial way the scope, quality or performance of the works;
 - (b) adoption/rectification whereof would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

(B) Minor Deviations

Bids that offer deviations acceptable to the Procuring Agency and which can be assigned a monetary value may be considered substantially responsive at least as to the issue of fairness. This value would however be added as an adjustment for evaluation purposes only during the detailed evaluation process.

- 16.7 The Engineer/Procuring Agency will evaluate and compare only the bids previously determined to be substantially responsive pursuant to IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works. The prices will be compared on the basis of the Evaluated Bid Price pursuant to IB.16.8 herein below.

Technical Evaluation: It will be examined in detail whether the works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Procuring Agency will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

- (i) making any correction for arithmetic errors pursuant to IB.16.4 hereof.
- (ii) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.
- (iii) excluding **provisional sums** and the provisions for **contingencies** in the Bill of Quantities **if any**, but including **Day work**, where priced competitively.

IB.17 Process to be Confidential

17.1 Subject to IB.16.3 heretofore, no bidder shall contact Engineer/Procuring Agency on any matter relating to its Bid from the time of the Bid opening to the time the bid evaluation result is announced by the Procuring Agency. The evaluation result shall be announced at least seven (07) days prior to award of Contract (SPP Rule 45). The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.

17.2 Any effort by a bidder to influence Engineer/Procuring Agency in the Bid evaluation, Bid comparison or Contract Award decisions may result in the rejection of his Bid. Whereas any bidder feeling aggrieved, may lodge a written complaint to Complaint Redressal Committee as per terms and conditions mentioned in SPP Rules 31 & 32. However, mere fact of lodging a complaint shall not warrant suspension of procurement process.

17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule 2(o):

(i) —**Coercive Practice** means any impairing or harming, or threatening to impair or harm, directly or indirectly, any party or the property of the party to influence the actions of a party to achieve a wrongful gain or to cause a wrongful loss to another party;

(ii) —**Collusive Practice** means any arrangement between two or more parties to the procurement process or contract execution, designed to achieve with or without the knowledge of the procuring agency to establish prices at artificial, noncompetitive levels for any wrongful gain;

(iii) "**Corrupt Practice**" means the offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the acts of another party for wrongful gain;

(iv) —**Fraudulent Practice**" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;

(v) "**Obstructive Practice**" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process, or affect the execution of a contract or deliberately destroying, falsifying, altering or concealing of

evidence material to the investigation or making false statements before investigators in order to materially impede an investigation into allegations of a corrupt, fraudulent, coercive or collusive practice; or threatening, harassing or intimidating any party to prevent it from disclosing its knowledge of matters relevant to the investigation or from pursuing the investigation, or acts intended to materially impede the exercise of inspection and audit rights provided for under the Rules.

F. AWARD OF CONTRACT

IB.18. Post Qualification

- 18.1 The Procuring Agency, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided, that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders' qualifications submitted under B.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Agency's Right

- 19.1 Subject to IB.19.2, the Procuring Agency will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of the IB.18.

- 19.2 Notwithstanding IB.19.1, the Procuring Agency reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Agency's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders (SPP Rule 25).

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Agency, the Procuring Agency will notify the successful bidder in writing (—Letter of Acceptance) that his bid has been accepted (SPP Rule 49).
- 20.2 Within seven (07) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Agency will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Agency and the successful bidder duly stamped at rate of ----% of bid price(updated from time to time) stated in Letter of Acceptance shall be executed within seven (07) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Agency.

IB.21 Performance Security

- 21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.
- 21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:
- (1) Evaluation Report;
 - (2) Form of Contract and letter of Award;
 - (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 20)

IB.22 Integrity Pact The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all Sindh Government procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive (SPP Rule 89).

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Bidder) with
address: _____

Sum of Security (express in words and
figures): _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The —Procuring Agency) in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Agency; and

WHEREAS, the Procuring Agency has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Agency, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to

- (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or
- (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Agency for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Agency in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety, as may be required, upon the form prescribed by the said Procuring Agency for the faithful performance and proper fulfilment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Agency the said sum stated above upon first written demand of the Procuring Agency without cavil or argument and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Agency by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. Signature: _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

**FORM OF PERFORMANCE SECURITY
(Bank Guarantee)**

Guarantee No. _____
Executed on _____
Expiry Date _____

(Letter by the Guarantor to the Procuring Agency)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Contractor) with
address: _____

Penal Sum of Security (express in words and
figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Procuring Agency) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Procuring Agency, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Procuring Agency's above said Letter of Acceptance for _____
_____ (Name of Contract) for the _____
_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Agency, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remediating Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition

of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defenses under the Contract, do hereby irrevocably and independently guarantee to pay to the Procuring Agency without delay upon the Procuring Agency's first written demand without cavil or arguments and without requiring the Procuring Agency to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Procuring Agency's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Procuring Agency's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Agency shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Procuring Agency forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

Guarantor (Bank)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the — Agreement) made on the _____ day of _____ 2016 between **Executive Engineer Public Health Engg: Division Ghotki @ Mirpur Mathelo**(hereinafter called the —Procuring Agency) of the one part and **M/S. _____** (hereinafter called the —Contractor) of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz for

_____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BoQ);
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Agency to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Agency to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

Signature of the Procuring Agency

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness

(Name, Title and Address)

(Name, Title and Address)

MOBILIZATION ADVANCE GUARANTEE

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Agency)

WHEREAS the _____ (hereinafter called the Procuring Agency) has entered into a Contract for _____

_____ (particulars of Contract), with

_____ (hereinafter called the Contractor).

AND WHEREAS the Procuring Agency has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. _____ Rupees _____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Agency has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Procuring Agency agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails, and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Procuring Agency for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Procuring Agency shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Procuring Agency to the Guarantor, and on such first written demand payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than _____

by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

Guarantor (Scheduled Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

INDENTURE FOR SECURED ADVANCES.

(For use in cases in which is contract is for finished work and the contractor has entered into an agreement for the execution of a certain specified quantity of work in a given time).

This INDENTURE made the day of
----- -197--"-BETWEEN hereinafter called "the Contractor" which expression shall where the context so admits or implied be deemed to include his heirs, executors, administrators and assigns) of the one part and THE GOVERNOR OF SINDH (hereinafter called "the Government" of the other part).

WHEREAS by an agreement, dated (hereinafter called the said agreement, the contractor has agreed to perform the under-mentioned works (hereinafter referred to as the said work):-

(Here enter (the description of the works),

AND WHEREAS the contractor has applied to the
— ----- for an advance to him of Rupees -----
(Rs.) on the security of materials absolutely belonging to him and brought by him to the site of the said works the subject of the said agreement for use in the construction of such of the said works as he has undertaken to execute at a cost fixed for the finished work (inclusive of the cost of materials and labour and other charge) AND WHEREAS the Government has agreed to advance to the Contractor the sum of Rupees,

(Rs.) on the security of materials the quantities and other particulars of which are detailed in Part II of Running Account Bill (E), the said work signed by the contractor
Fin R.Form.17.A

on ----- — and on such covenants and conditions as are hereinafter contained and the Government has reserved to itself the option of marking any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

NOW THIS INDENTURE WTTNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees
(Rs. -----) on or before the execution of these presents paid to the Contractor by the Government (the receipt whereof the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as aforesaid (all of which advances are hereinafter collectively referred to as the said amount) the Contractor doth hereby assign unto the Government the said materials by way of security for the said amount

And doth hereby covenant and agree with the Government and declare ay follow :-

(1) That the said sum of Rupees -
(RF. -----) so advanced by the Government to the Contractor as aforesaid and all or any further sum or sums which may be advanced aforesaid shall be employed by the contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

(2) That the materials detailed in the said Running Account Bill (B) which have been
Fin R.Form.15-17.A

Offered to and accepted by (he Government as security for the said amount are absolutely by the Contractors own property free from encumbrances of any kind and the Contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the contractor hereby agrees, at all times, to indemnify and save harmless the Government against all claims whatsoever to any materials in respect of which an advance has been made to him as aforesaid.

(3) That the said materials detailed in the said Running Account Bill (B) and all other

Materials on the security of which any further advance or advances may hereafter be made as aforesaid (hereinafter called the said materials) shall be used by the Contractor solely in the execution of the said works in accordance with the directions of the Divisional Officer -----(hereinafter called the Divisional Officer) and in the terms of the said agreement.

(4) That the Contractor shall make at his own cost and necessary and adequate arrangement for the proper watch, safe custody and protection against all risks of the said material and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and at his own risk and on his own responsibility and shall at all times be open to inspection by the Divisional Officer or any officer authorized by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof Contractor will forthwith replace the same with other materials of like quality or repair and make good the same as required by the Divisional Officer and the materials so brought to replace the said materials so repaired and made good shall also be considered as security for the said amount.

(5) That the said materials shall not on any account be removed from the site of the said works except with the written permission of the Divisional Officer or an officer authorized by him in that behalf

(6) That the said amount shall be payable in full when and where the Contractor receives payment, from the Government of the price payable to him for the said works under the terms and provisions of the said agreement PROVIDED THAT if any intermediate payments are made to the contractor on account of work done then on the occasion of each such payment the Government will be at liberty to make a recovery from the Contractors Bill for such payment by deducting there from in the value of the said materials then actually used in the construction and in respect of which recovery has not been made previously the value for this purpose being determined in respect of each description of material at the rates at which the amount of the advances made under these presents were calculated.

(7) That if the Contractor shall at any time make any default in the performance or observation in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing to the Government shall immediately on the happening of such default be repayable by the Contractor to the Government together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Government in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and any moneys so becoming due and payable shall constitute a debt due from the Contractor to the Government and the Contractor hereby covenants and agrees with the Government to repay and the same respectively to it accordingly.

(8) That the Contractor hereby charges all the said materials with the repayment to the Government of the said sum of Rupees (Rs.) and any further sum or sums which may be advanced as aforesaid and all costs charges damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything to the contrary in the said agreement and without prejudice to the powers contained therein if and whether the contract for payment and repayment hereinbefore contained shall become enforceable and the moneys owing shall not be paid to accordingly.

Once therewith the Government may at any time thereunto adopt all or any of following courses as it may deem best :-

- (a) Seize and utilize the said materials or any part thereof for the completion of the said works on behalf of the Contractor in accordance with the provisions in that behalf contained in the said agreement debiting the Contractor with the actual cost of effecting such course for the amount due in respect of advances under these presents and crediting the Contractor with the value of work done as he had carried it out in accordance with the said agreement and at the rate thereby provided. If the balance is against the Contractor he is to pay the same to the Government on demand.
- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the moneys aforesaid repayable to the Government under these presents and pay over the balance (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.

(9) That except as is expressly provided by the presents in relation to the advance shall not be payable.

(10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been hereinbefore expressly provided for the same shall be referred to the Superintending Engineer

decision shall be final and the provisions of the Indian Arbitration Act for the time being in force so far as they are applicable shall apply to any such reference.

In witnesses whereof the* on behalf of the
 Governor of Sindh and the said
 their respective hands and seals the day and first above written.

Signed, sealed and delivered by* In the presence of

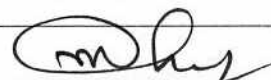
Seal
 1st witness 2nd witness

Signed, sealed and delivered by* In the presence of

Seal
 1st Witness 2nd witness

ANNUAL PROCUREMENT PLAN FOR THE YEAR 2017-18.
UNDER PROVINCIAL ADP (DISTRICT GHOTKI)

S. No:	Description of Procurement	Quality where applicable	Estimated unit cost where applicable.	Estimated total cost in Million.	Funds allocation in Million Rs.	Release of funds by the FD.	Source of funds ADP/Non ADP	Timing of Procurement 2017-18.
01	Providing laying & testing Pumping Machinery Electric Motor 20 BHP & Diesel Oil Engine 30 BHP at New Hyder shah Disposal work for Urban Drainage Scheme Mirpur Mathelo.	where applicable	3.000	3.000	40.135 Million		Provincial ADP 2017-18	4 th Quarter
02	Providing laying jointing and testing PE rising main 16" dia for New Hyder shah zone for Urban Drainage scheme Mirpur Mathelo.	where applicable	14.000	14.000				4 th Quarter
03	Providing Installing & Testing Pumping Machinery 20 BHP and Diesel Oil Engine 30 BHP Ghotta Market zone and Electric Motor 40 BHP and Diesel Oil Engine 48 BHP Rahmoo Wali zone for Urban Drainage Scheme Ghotki (Mega Project).	where applicable	7.800	7.800	25.00 Million		Provincial ADP 2017-18	4 th Quarter
04	Construction of CC Drains & CC Block at various places of Ghotki city for Urban Drainage Scheme Ghotki (Mega Project).	where applicable	11.000	11.000				4 th Quarter
05	Providing laying & testing Pumping Machinery for Disposal work zone -c Anwarabad & zone _D Tando Maso i/c inter connection for Urban Drainage Scheme Ghotki (Mega Project).	where applicable	7.500	7.500				
06	Providing Laying jointing U PVC pipes 3",4",6",8" & 10" dia for Urban Water Supply Scheme Daharki.	where applicable	15.000	15.000	61.200 Million		Provincial ADP 2017-18	4 th Quarter
07	Providing Installing Tube Wells Constructions of Pump House 10x12' i/c PE Pipe for delivery main at Urban Water Supply Scheme Daharki.	where applicable	8.000	8.000				4 th Quarter
	Providing laying jointing Distribution system for Urban Water Supply scheme Daharki		14.950		7.475 million			
	Construction of Collecting tank, 20' dia , screening chamber, pump House, compound wall, and staff quarter for disposal work Mirani Mohallah zone (f) for Urban drainage scheme Ghotki (Mega Project).		6.000		25.00 Million			
	Providing installing pumping Machinery 15 BHP with KSB turbine pump for Urban water supply scheme Daharki.		14.000		7.475 million			
	Providing installing Pumping Machinery sets of 15 BHP with KSB turbine pump (50 liter system) for Rural Drainage Scheme Raharki.		3.500		4.500 Million			
	Construction of Collecting tank 20' dia screening chamber, pump House, compound wall, and staff quarter for disposal work for Mehran cotton factory zone (H) for Urban Drainage Scheme Ghotki (Mega Project).		3.500		25.00 Million			
	Providing installing Pumping Machinery 60 BHP and 250 KVA generator, Pump House (Generator Room) for Urban Water Supply scheme Daharki.		11.300		7.475 Million			


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGG. DIV. GHOTKI
 @ MIRPUR MATHELO.

**OFFICE OF THE SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE SUKKUR**

PHONE NO: 071-9310134
FAX NO: 071-9310977

e-mail: sephecirclesukkur@gmail.com

No: G/ 276 /of 2017

Sukkur dated 7/2 / 2017


To,

The Executive Engineers (All)
Under Public Health Engg: Circle
Sukkur.

SUBJECT: - NOTIFICATION.

Please find enclosed herewith the photo state copy of letter No: GM/PHED/406 dated 02-02-2017 along with its enclosures received from worthy Chief Engineer in Public Health Engineering Department Government of Sindh, Sukkur for information and strict compliance.

DATA ABOVE


(SHAMSUDDIN SHAIKH)
SUPERINTENDING ENGINEER
PUBLIC HEALTH ENGINEERING CIRCLE
SUKKUR.

c.c to the: -

Chief Engineer Public Health Engineering Department Government of Sindh Sukkur for favour of his kind information with reference to his letter No: cited above.

Handwritten notes and signatures:
To
cc to the
[Signature]



NO.GM/PHED/ 406 of 2017
OFFICE OF THE CHIEF ENGINEER
PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH, SUKKUR
Sukkur Dated, 2-1-2017

Phone No.071-9310448
Fax No.071-9310447
(Email Address: cephedsukkur@gmail.com)

To,

The Superintending Engineer,
Public Health Engineering Circle,
Sukkur & Larkana.

SUBJECT: NOTIFICATION.

Under Rule-7 & 8 of SPP Rules-2010, worthy Secretary, Public Health Engineering & Rural Development Department Government of Sind, Karachi has re-constituted the Division wise Department Procurement Committee vide Notification No: SO(T)/PHE/SPPRA-Rules/2013/(Pt-II) dated 27th January, 2017 copy of the same is sent herewith for information & necessary compliance.

You are further directed to circulate among the Executive Engineers, under your jurisdiction and make assurance for compliance of SPPRA rules, under intimation to this office.

Ram Chand P. Sanjhira

(RAM CHAND P.SANJHIRA)
CHIEF ENGINEER
PUBLIC HEALTH ENGG. DEPARTMENT,
GOVT: OF SINDH SUKKUR

D.A/As above.

CC. to the:-

- Secretary, Public Health Engineering & Rural Development Department Government of Sindh, Karachi for favour of his kind information w/r to his letter No: cited above.



GOVERNMENT OF SINDH
PUBLIC HEALTH ENGINEERING AND
RURAL DEVELOPMENT DEPARTMENT

Karachi dated the 27th January, 2017.

NOTIFICATION

NO. SO(T/PHE/PPRA-Rules/2013(PL)). In exercise of powers conferred by rule-7 & 8 of SPP Rules, 2010, the division wise procurement committees in Public Health Engineering Department are hereby re-constituted as under:-

S. NO.	NAME OF PHE DIVISION	PROCUREMENT COMMITTEE	CHAIRMAN/MEMBER
01.	Hyderabad-I	Executive Engineer, Public Health Engineering Division No.I, Hyderabad-I	Chairman
		Executive Engineer, Education Works Division, Hyderabad	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member
02.	Hyderabad-II	Executive Engineer, Public Health Engineering Division No.II, Hyderabad	Chairman
		Executive Engineer, Education Works Division, Hyderabad	Member
		Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department	Member
03.	Jamshoro	Executive Engineer, Public Health Engineering Division, Jamshoro	Chairman
		Executive Engineer, Education Works Division, Jamshoro	Member
		Section Officer(Admn.), PHE, Public Health Engineering & Rural Development Department	Member

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04.	Tando Mohammad Khan	Executive Engineer, Public Health Engineering Division, Tando Mohammad Khan Executive Engineer, Education Works Division, Tando Mohammad Khan Section Officer (Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
05.	Matlari	Executive Engineer, Public Health Engineering Division, Matlari Divisional Accounts Officer, Hala Division, Irrigation Department, Hyderabad Section Officer (Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
06.	Karachi-I	Executive Engineer, Public Health Engineering Division, Karachi-I Executive Engineer, Local Govt. Department, Karachi Section Officer (Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
07.	Karachi-II	Executive Engineer, Public Health Engineering Division, Karachi-II Executive Engineer, Local Govt. Department, Karachi Section Officer (Admn.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member



08.	Mirpurkhas	<p>Executive Engineer, Public Health Engineering Division Mirpurkhas</p> <p>Assistant Engineer, Building Division Works & Services Department, Mirpurkhas</p> <p>Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
09.	Tando Allahyar	<p>Executive Engineer, Public Health Engineering Division, Tando-Allahyar</p> <p>Executive Engineer, Highway Division, Tando Allahyar</p> <p>Section Officer(Admn.)PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
10.	Sanghar	<p>Executive Engineer, , Public Health Engineering Division, Sanghar</p> <p>Assistant Engineer, Education Works Division, Sinjhora</p> <p>Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
11.	Tharparkar @ Mithi	<p>Executive Engineer, Public Health Engineering Division, Tharparkar @ Mithi</p> <p>Executive Engineer, Education Works Division, Tharparkar @ Mithi</p> <p>Section Officer(Admn.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>

12.	Umerkot	Executive Engineer, Public Health Engineering Division, Umerkot Executive Engineer, Education Works Division, Umerkot Section Officer (Admin.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
13.	Sukkur	Executive Engineer, Public Health Engineering Division, Sukkur Executive Engineer, Highway Division, Sukkur Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
14.	Ghotki @ Mirpur-Mathelo	Executive Engineer, Public Health Engineering Division, Ghotki @ Mirpur-Mathelo Executive Engineer, Education Works District Ghotki Section Officer (Tech.), PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
15.	Khairpur-I	Executive Engineer, Public Health Engineering Division No. I Khairpur Assistant Engineer, Education Works, Sub-Division, Khairpur Section Officer (Tech.), PHE, Public Health Engineering & Rural Development Department	Chairman Member Member

16.	Ranipur	①	Executive Engineer, Public Health Engineering Division, No. II, Ranipur	Chairman
			Assistant Engineer, Education, Khairpur	Member
			Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Member
17.	Nasiraheroze		Executive Engineer, Public Health Engineering Division, Nasiraheroze	Chairman
			Assistant Engineer, Highway, Mehrabpur	Member
			Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Member
18.	Shaheed Benazirabad		Executive Engineer, Public Health Engineering Division No. 5, Shaheed-Benazirabad	Chairman
			Executive Engineer, Education, Shaheed - Benazirabad	Member
			Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Member
19.	Larkana-I		Executive Engineer, Public Health Engineering Division, Larkana-I	Chairman
			Executive Engineer, Building, Larkana	Member
			Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Member

20.	Larkana-II		Executive Engineer, Public Health Engineering Division, Larkana-II Executive Engineer, Building Division, Larkana Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
21.	Dadu		Executive Engineer, Public Health Engineering Division, Dadu Executive Engineer, Highway Division, Dadu Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
22.	Jacobabad		Executive Engineer, Public Health Engineering Division, Jacobabad Executive Engineer, Highway Division, Jacobabad Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member
23.	Kamber Shahdadkot Kamber	@ @ @	Executive Engineer, Public Health Engineering Division Kamber Shahdadkot @ Kamber Executive Engineer, Education Division, Kamber Shahdadkot @ Kamber Senior Officer (Tech.) PHE, Public Health Engineering & Rural Development Department	Chairman Member Member

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24.	Shikarpur		Executive Engineer Public Health Division, Shikarpur	Chairman
			Executive Engineer Machinery & Division, Khairpur @ Shikarpur	Member
			Secretary (Tech.) PHE, Health Engineering & Rural Development Department	Member
25.	Kashmore Kandhkot	@	Executive Engineer Public Health Division Kashmore @ Kandhkot	Chairman
			Executive Engineer, Roads, @ Kandhkot	Member
			Secretary (Tech.) PHE, Health Engineering & Rural Development Department	Member
26.	Thatta		Executive Engineer Public Health Division Thatta	Chairman
			Executive Engineer, Highway Division Thatta	Member
			Secretary (Admn.) PHE, Health Engineering & Rural Development Department	Member
27.	Sujawal		Executive Engineer Public Health Division Sujawal	Chairman
			Executive Engineer, Highway Division Thatta/Sujawal	Member
			Secretary (Admn.) PHE, Health Engineering & Rural Development Department	Member

28.	Badin	Executive Engineer, Public Health Engineering Division Badin	Chairman
		Executive Engineer, Highway Division, Badin	Member
		Section Officer(Admn.)PHE, Public Health Engineering & Rural Development Department	Member

Terms of reference of the Committees:-

01. Preparing bidding documents
02. Carrying out technical as well as financial evaluation of the bids
03. Preparing evaluation report as provided in Rule-45
04. Making recommendations for the award of contract to the competent authority and
05. Perform any other function ancillary and incidental to the above

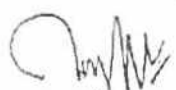
The Procurement Committees constituted vide this department Notification No. SO(T)/PHE/SPPRA-Rules/2013(pt-II) dated 16-05-2013 dated 05-05-201, dated September, 2015 & letter No. SO(T)/PHE/SPPRA-Rules/2013 dated 19-12-2016 are hereby repealed.

TAMEEZUDDIN KHERO
SECRETARY TO GOVERNMENT OF SINDH

NO. SO(T)/PHE/SPPRA-Rules/2013(PII):- Karachi dated the 27th January, 2017.

CC to:-

01. The Secretary, Works & Services Department, Govt. of Sindh, Karachi.
02. The Secretary, Local Government Department, Govt. of Sindh, Karachi.
03. The Secretary, Irrigation Department, Govt. of Sindh, Karachi.
04. The Secretary, School Education Department, Govt. of Sindh, Karachi
05. The Chief Engineers, Public Health Engineering Deptt. Hyderabad/Sukkur.
06. The Managing Director, Procurement Regulatory Authority, Sindh, Karachi.
07. The PS to Minister, Public Health Engineering & Rural Dev. Deptt. Sindh, Karachi.
08. The PS to Secretary, Public Health Engineering & Rural Dev. Deptt. Sindh, Karachi.
09. The Members concerned.


(MOHAMMAD BUX JARWAR)
SECTION OFFICER (TECH.)



Ph: 07-9310448
Fax: 071-9310447
Email: cepheds.ikkur@gmail.com

NO.E/PHED/ 495 of 2016.
**OFFICE OF THE CHIEF ENGINEER,
PUBLIC HEALTH ENGG: DEPARTMENT
GOVERNMENT OF SINDH SUKKUR**
Sukkur, Dated. 10 / 2 / 2016.

OFFICE ORDER.

In exercise of the power confirmed under Rule 31 of the Sindh Public Procurement Rules 2010. The following committee is hereby constituted to redress grievance / complaints that may arise during procuring proceedings in Public Health Engineering Division Ghotki @ M.Mathelo.

Superintending Engineer, Public Health Engineering Circle Sukkur	Chairman
Executive Engineer Education Works Division Ghotki	Member
Divisional Accounts Officer Roads Division Ghotki	Member

The committee shall act in accordance with rule 31 of Sindh Public Procurement Rules 2010 (amended 2013).

Raj SMC.
J.P.

Raj - id.
(RAM CHAND.P.SANJHIRA)
CHIEF ENGINEER,
PUBLIC HEALTH ENGG: DEPARTMENT,
GOVT: OF SINDH SUKKUR

CC. to the

Manager Assessment-IV Sindh Public Procurement Regulatory Authority Karachi for information.

Superintending Engineer, Public Health Engineering Circle Sukkur for information.

✓ Executive Engineer, Public Health Engineering Division Ghotki @ M.Mathelo for information.

Executive Engineer, Education Works Division Ghotki for information.

Divisional Accounts Officer, Roads Division Ghotki for information.



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OFFICE OF THE CHIEF ENGINEER,
 PUBLIC HEALTH ENGG. DEPARTMENT
 GOVERNMENT OF SINDH, SUKKUR.

NO.BWS/PHED/ 2732 of 2017.

Sukkur, Dated 17/08/2017.

To,

The Superintending Engineer,
 Public Health Engineering Circle,
Sukkur.

SUBJECT:-

RELEASE OF FUNDS FOR ONGOING ADP SCHEMES 2017-18
 INCLUDED IN PROVINCIAL ADP DURING F.Y.2017-18.

Ref'nce:

Finance Department, GOS Karachi vide letter No.FD.SO(DEV-
 VI)9(3)/2016-17 dated 13.07.2017.

Secretary, PHE & RD Deptt: GOS Karachi letter
 No.SO(B&A)PHE/3(87)/2017-18/On-Going/ADP dated 09th
 August 2017.

Consequent upon sanction / release of funds amounting to
Rs.600,543 Million only being 50% for the following Water Supply & Drainage scheme
reflected in ADP 2017-18 by Finance Deptt: GOS, Karachi and placement thereof at the
 disposal of this department vide Secretary, PHE & RD Deptt: GOS Karachi vide his
 letter No: quoted under reference, during CFY 2017-18. The undersigned is release the
 funds amounting out of which **Rs.194.517** placed at your disposal for further placement
 at the disposal of Executive Engineer, PHE Division Concerned for incurring the
 expenditure during C.F.Y 2017-18 (as per list attached).

The expenditure involved is debitable to the Head of Account
**"SC-12143-06 Housing & Community Amenities-063 Water Supply 0631- Water
 Supply-063102-Works (Construction) & Operation"** for execution of development
 schemes (provincial).

All formalities should please be observed before utilization of
 funds and that no excess or lapse is occurred under any circumstances.

Handwritten initials/signature

Handwritten signature: R.P. Sanjhira

(RAM CHAND.P.SANJHIRA)
 CHIEF ENGINEER,
 PUBLIC HEALTH ENGG. DEPARTMENT
 GOVT. OF SINDH SUKKUR.

CC. to the

Secretary, PHE & RD, Deptt: Govt. of Sindh Karachi for
 information w/r to his letter No. cited above.

Accountant General, Sindh Karachi for information.

Chief Engineer, PHED GOS Hyderabad for information.

STATEMENT SHOWING RELEASE ON ADR SCHEMES PHE DEPARTMENT

CIRCLE NUMBER

Sr	ADP#	Name of Schemes	District	Allocation	Released
1	2023	Water Supply Scheme (Gopuram) (SIDG) # 6)	SHA	10.41	8.207
2	2024	Water Supply Scheme (Dh. 89 Nandambal) (SIDG) # 6)	SHA	2.676	1.138
3	2040	Water Supply Scheme Village Athan (Dh. 10) (SIDG) # 6)	Sukkur	12.572	6.286
4	2047	Rehabilitation of Water Supply Scheme (Kanguram) Taluka Koppal (Revised) (SIDG) # 6) (Crg. Cost Rs. 17.238 & 22.04.2015)	Khanapur	15.117	7.859
5	2048	Conversion of Water Supply Scheme from Canal Source to Tube Well Source for Village Koppal Taluka Koppal	Khanapur	10.429	5.215
6	2049	Water Supply Scheme (Dh. 10) (SIDG) # 6)	(Chokri)	122.490	61.200
7	2050	Water Supply Scheme (Dh. 10) (SIDG) # 6)	(Chokri)	9.084	4.502
8	2115	Construction of Drainage Scheme Village Koppal Taluka	SBA	15.626	7.813
9	2117	Imp. Of Rural Drainage Scheme (Dh. 10) (SIDG) # 6)	SBA	24.010	12.015
10	2118	Urban Drainage Scheme Koppal Nagar (SIDG) # 6)	SHA	16.183	8.092
11	2124	Drainage Scheme for Village Nimm Taluka Koppal Taluka	SHA	15.885	7.943
12	2127	Drainage Scheme for Village Sarda P. A. Mahamed Dabul	SHA	1.171	0.586
13	2128	Construction of Surface Drains and C. Pavement at Athan Town and Muzam Colony Adjoining Areas of Nandambal	NF/Grave	17.500	8.750
14	2129	Drainage Scheme (Dh. 10) (SIDG) # 6)	NF/Grave	19.285	9.643
15	2132	Drainage Scheme for Village Koppal Taluka (SIDG) # 6)	NF/Grave	3.750	1.875
16	2133	Drainage Scheme (Dh. 10) (SIDG) # 6)	NF/Grave	6.191	1.096
17	2164	Drainage Scheme for Village (Dh. 10) (SIDG) # 6)	Sukkur	13.125	6.563
18	2166	Drainage Scheme, Dada Shah & Navard Colony (SIDG) # 6)	Khanapur	17.111	8.556
19	2169	Drainage Scheme at Koppal (Dh. 10) (SIDG) # 6)	Khanapur	17.974	8.987
20	2172	Drainage Scheme for Village Road (Dh. 10) (SIDG) # 6)	Khanapur	15.954	7.977
21	2174	Road Drainage Scheme (Dh. 10) (SIDG) # 6)	Khanapur	22.027	11.014
		Total:		189.023	104.517

CHIEF ENGINEER

PUBLIC HEALTH ENGR. DEPT.

GOVERNMENT OF PUNJAB

18-1