



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

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

No. AB/T.C/N.I.T/ 1779 /of 2017  
SBA, dated/ 27 / 10 /2017

**NOTICE INVITING TENDERS**


Sealed Tenders are invited on SPPRA Standard Bidding Documents from the eligible bidders registered with Pakistan Engineering Council (PEC) in relevant category (CE09) having experience of similar nature of works for the below mentioned work as per Sindh Public Procurement Regularity Authority (SPPRA) Rules 2010.

**"Separate Tender Sheet Attached"**

1. Bidding documents can be purchased by the interested bidders on submission of written application to the undersigned during office hours on any working day from appearance of N.I.T in the Newspapers/ Website upto **13-11-2017** at 11.00am on payment of tender fee cash (Non-Refundable) specified against each work.
2. Sealed tenders will be received back on **13-11-2017** upto 1.00 pm in the office of undersigned along with specified bid security in the shape of call deposit from any schedule bank in favour of Executive Engineer Public Health Engg: Division Shaheed Benazir Abad and will be opened on same day at 2.00 pm, in presence of tender opening/ evaluation committee & bidders or their authorized representatives who wish to be present, if the undersigned is out of headquarter or tenders found un-responded the next date of issuance and opening on **30-11-2017** and received back up to 1.00 pm and will be opened on the same day at 2.00 pm.
3. The bidders who will provide following documents/ information are eligible to participate as per SPPRA Rules 2010.
  - (i) Registration with Pakistan Engineering Council (PEC) in the relevant field of specialization of work & to the extent of tender limit against each work.
  - (ii) Full name, permanent address, telephone and fax number, e-mail and the organization with structure.
  - (iii) Bio-data of Engineers & Technical Staff working with Firm/ Agency.
  - (iv) Details of works executed of same nature during last 5 years including certificate of satisfactory completion of works by relevant procuring agency.
  - (v) List of works in progress indicating cost, award of works of same natures.
  - (vi) List of machinery and equipment available with documentary evidence of its ownership, bank statement showing Financial stability/ credit worthiness about 25% of the work cost applied on the date of tendering.
  - (vii) Appointed Engineer of the Company/ Firm/ Contractor should be present in the office of undersigned on the date of tendering and during execution of works.
  - (viii) No Tender without bid security will be considered.
  - (ix) Registration with Income Tax Department (NTN Certificate) latest and copy of NIC.
  - (x) Affidavit in which the bidder undertakes that, it is not involved in any litigation.


SPPRA INWARD DIARY  
NO: 2233  
DATED: 30-10-17

- (xi) Affidavit in which it should be undertaken that, the information provided is true and correct.
  - (xii) Affidavit that, the bidders has not been black listed by any Government/ Semi Government/ Autonomous body.
  - (xiii) Registration Certificate of Sindh Revenue Board.
4. If Firm/ Partner involved in partnership deed, then complete details/ instructions and power of attorney will be submitted on affidavit by the Proprietor.
  5. Conditional & telegraphic tenders will not be entertained.
  6. The procuring Agency may reject all or any bid subject to the relevant provisions of SPP Rules 2010 (Amended 2017).

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

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

1. The Chief Engineer PHED Govt: of Sindh Sukkur for favour of his kind information.
2. The Director information, Block No. 96 Sindh Sindh Secretariat No. 4-B Govt: of Sindh Karachi for information and publication in at least three languages (English, Urdu & Sindhi) leading Newspapers.
3. The Secretary to Government of Sindh Information Technology Department 1<sup>st</sup> Floor, Sindh Secretariat No. 6 Karachi for display on the Sindh Government website.
- ✓ 4. The Director (C.B), Sindh Public Procurement Regulatory Authority (SPPRA), Government of Sindh, Barrack No. 8 Secretariat No. 4 A, Court Road Karachi for kind information.
5. The Deputy Commissioner Shaheed Benazir Abad for favour of his kind information.
6. The Superintending Engineer Public Health Engineering Circle Sukkur for his kind information.
7. Notice Board.

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

## LIST OF TENDERS

S. No	Description	Estimated Cost	Earnest Money 5%	Tender Fee	Completion Period
<b><u>PROVINCIAL ADP 2017-18</u></b>					
1.	Designing, Supplying, Installation & Commissioning of Filtration Plants capacity 2000 gallons/ hour as per designed/ specification and construction of Pump House, Water Tank and other civil work for Water Supply Scheme (Filtration) Sakrand Town.	25,000,000/-	1,250,000/-	3,000/-	(6 Months)
2.	Construction of Surface Drains Type-I & II i/c C.C Topping in Muhalla Alam Khan Chandio for Rural Drainage Scheme Village Masti Khan Chadio Taluka Sakrand	12,000,000/-	600,000/-	3,000/-	(6 Months)
3.	Construction of Surface Drains Type-I & II i/c C.C Topping in Muhalla Manjhi Khan Chandio for Rural Drainage Scheme Village Masti Khan Chadio Taluka Sakrand	11,000,000/-	550,000/-	3,000/-	(6 Months)
4.	Construction of Surface Drains Type-I & II, C.C Topping for Rural Drainage Scheme Village Mari Jalbani under the Scheme Rehabilitation of Rural Drainage Scheme Mari Jalbani, Khabar Lakhmir, Karam Khan Jamali, Punhal Khan Chandio and Noor Bhoora Taluka Sakrand	9,500,000/-	475,000/-	3,000/-	(6 Months)
5.	Repair of existing Drains, Construction of Surface Drains i/c C.C Topping, Construction of Oxidation Ponds (2 Nos:) and Compound Wall for Rehaiblitation of Rural Drainage Scheme Allah Bux Kubber Taluka Kazi Ahmed	5,500,000/-	275,000/-	3,000/-	(6 Months)
6.	Repair of Oxidation Ponds (2 Nos:) & Construction of Oxidation Pond (1 No:) for Rehaiblitation of Rural Drainage Scheme Nawab Wali Muhammad Taluka Kazi Ahmed	700,000/-	35,000/-	2,000/-	(6 Months)
7.	Providing, Installing & Testing Solar Energy System for Drainage Scheme Village Kandyari Taluka Daur	1,200,000/-	60,000/-	2,000/-	(6 Months)
8.	Providing, Installing & Testing Solar Energy System for Rural Drainage Scheme Village Nangar Khan Chandio Taluka Sakand	1,200,000/-	60,000/-	2,000/-	(6 Months)
9.	Providing, Installing & Testing Solar Energy System for Rural Drainage Scheme Village Umer Bodlejo Taluka Sakand	1,615,000/-	80,750/-	2,000/-	(6 Months)
10.	Rewinding of A.C Electric Motor 15 BHP and Supplying & Installing KSB Pump (New) for Rural Water Supply Scheme Mahiwal Khan Mari Taluka Daur (O/M)	250,000/-	12,500/-	1,000/-	(3 Months)

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG. DIVISION  
 SHAHID BENAZIR ABAD

**ANNUAL PROCUREMENT PLAN 2017-18 (Revised)**  
**(WORKS, GOODS & SERVICES)**

S. #	Description of Procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost (in million)	Funds allocated for 2017-18	Source of Funds (ADP/ Non ADP)	Proposed Procurement Methods	Timig of Procurement				Remarks
								1st Qtr: from July-Sep 2017	2nd Qtr: from Oct- Dec 2017	3rd Qtr: from Jan- Mar 2018	4th Qtr: from Apr- Jun 2018	
1	Providing Water Supply & Drainage Schemes at various places of District Shaheed Benazir Abad (SDG # 6)	-	various items	425.000	50.000	Prov: ADP No. 1480	Single stage one envelope	-	-	-	-	
2	Water Supply Scheme (Filtration) Sakrand Town (SDG # 6)	-	various items	400.473	25.000	Prov: ADP No. 2022	Single stage one envelope	-	-	Yes	-	
3	Water Supply Scheme Gupchani (SDG # 6)	-	various items	13.831	10.413	Prov: ADP No. 2023	Single stage one envelope	-	-	-	-	
4	Water Supply Scheme Deh 89 Nawabshah (SDG # 6)	-	various items	10.870	2.676	Prov: ADP No. 2024	Single stage one envelope	-	-	-	-	
5	Construction of RCC Covered Nala from Rehmat CNG Station to Lakha Disposal Works of Nawabshah Town (SDG # 6)	-	various items	24.750	10.000	Prov: ADP No. 2113	Single stage one envelope	-	-	-	-	
6	Construction of RCC Covered Nala from Railway Phattak to Taj Colony Disposal Works of Nawabshah Town (SDG # 6)	-	various items	22.113	10.000	Prov: ADP No. 2114	Single stage one envelope	-	-	-	-	
7	Construction of Drainage Scheme Village Kandyari Taluka Daur (SDG # 6)	-	various items	17.726	15.626	Prov: ADP No. 2115	Single stage one envelope	Yes	Yes	-	-	
8	Construction of Drainage Scheme Daur City Taluka Daur (SDG # 6)	-	various items	27.500	10.000	Prov: ADP No. 2116	Single stage one envelope	-	-	-	-	
9	Imp" of Rural Drainage Scheme Mureed Khan Zardari & Ali Hassan Zardari (SDG # 6)	-	various items	48.910	24.030	Prov: ADP No. 2117	Single stage one envelope	-	-	-	-	
10	Urban Drainage Scheme Kainat Nagar (SDG # 6)	-	various items	45.680	16.183	Prov: ADP No. 2118	Single stage one envelope	-	-	-	-	
11	Rural Drainage Scheme of village Masti Khan Chandio UC Bhoora Taluka Sakrand (SDG # 6)	-	various items	23.716	10.000	Prov: ADP No. 2119	Single stage one envelope	Yes	-	-	-	
12	Rehabilitation of Rural Drainage Scheme Mari Jalbani, Khabar Lakhmira, Karam Khan Jamali, Punhal Khan Chandio & New Bhoora (SDG # 6)	-	various items	148.917	20.000	Prov: ADP No. 2120	Single stage one envelope	Yes	-	-	-	

S. #	Description of Procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost (in million)	Funds allocated for 2017-18	Source of Funds (ADP/ Non ADP)	Proposed Procurement Methods	Timig of Procurement				Remarks
								1st Qtr: from July-Sep 2017	2nd Qtr: from Oct-Dec 2017	3rd Qtr: from Jan-Mar 2018	4th Qtr: from Apr-Jun 2018	
13	Rural Drainage Scheme Village Nangar Chandio Deh Morio Lakho UC Hamal Fakir	-	various items	25.271	10.000	Prov: ADP No. 2121	Single stage one envelope	Yes	Yes	-	-	
14	Rural Drainage Scheme Village Umer Bodlejo UC Khadar Taluka Sakrand (SDG # 6)	-	various items	31.800	15.000	Prov: ADP No. 2122	Single stage one envelope	Yes	-	-	-	
15	Drainage Scheme for Village Allah Bux Kubber (SDG # 6)	-	various items	24.068	8.000	Prov: ADP No. 2123	Single stage one envelope	Yes	-	-	-	
16	Drainage Scheme for Village Nim Taluka Kazi Ahmed (SDG # 6)	-	various items	27.915	15.885	Prov: ADP No. 2124	Single stage one envelope	-	-	-	-	
17	Drainage Scheme for Village Nawab Wali Muhammad (SDG # 6)	-	various items	29.073	14.202	Prov: ADP No. 2125	Single stage one envelope	Yes	-	-	-	
18	Rural Drainage Scheme Village Gahand UC Daulatpur Taluka Kazi Ahmed (SDG # 6)	-	various items	34.575	10.000	Prov: ADP No. 2126	Single stage one envelope	-	-	Yes	-	
19	Drainage Scheme for Village Sardar Raza Muhammad Dahri (SDG # 6)	-	various items	15.484	1.171	Prov: ADP No. 2127	Single stage one envelope	-	-	-	-	
20	Rural Water Supply Scheme Abdul Ghani Lakhmir & Surrounding Villages Usman Keerio IIC Khair Shah Taluka Nawabshah	-	various items	7.500	5.720	Distt: ADP 33	Single stage one envelope	-	Yes	-	-	
21	Providing Drainage Facilities in Muhalla Noor Abad at Village Mehar Ali Jamali UC Hassan Jamali Taluka Sakrand	-	various items	19.987	8.500	Distt: ADP 34	Single stage one envelope	-	Yes	-	-	
22	Rural Drainage Scheme Pir Ghulam Muhammad Taluka Kazi Ahmed	-	various items	19.858	2.000	Distt: ADP 16	Single stage one envelope	-	Yes	-	-	
23	Rural Drainage Scheme Asif Nagar Taluka Kazi Ahmed	-	various items	19.962	1.000	Distt: ADP 17	Single stage one envelope	-	Yes	-	-	
24	Providing, Laying, Jointing & Testing Black Steel Pipe line 28" dia, Pump House & Sump Well for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shahood Beggar Abad	-	various items	486.862	300.000	Non ADP	Single stage one envelope	-	Yes	-	-	-
25	Construction of RCC Clear Water Tank (1 No.) at QUEST for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shahood Beggar Abad	-	various items				Single stage one envelope	-	Yes	-	-	-
26	Construction of RCC Clear Water Tank (1 No.) i/c Pump House at Gajrah Wah Water Works for Rehabilitation of Urban Water Supply Scheme Nawabshah Town for additional Rising Main 28" dia from Rohri Canal Water Works upto UF Plant at QUEST District Shahood Beggar Abad	-	various items				Single stage one envelope	-	Yes	-	-	-

EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHUDD BENAZIR ABAD

**Bid No: (01)**

## **BIDDING DATA**

(This section should be filled in by the Engineering / Procuring Agency before issuance of the bidding documents. The following specific data for the Works to be procured 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 instruction to bidders )

### **Instruction to Bidders**

#### **Clause Reference.**

- 1.38 Name of Procuring Agency** **PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD**  
(Insert name of the Procuring Agency)
- Brief Description of work.** **Designing, Supplying, Installation & Commissioning of Filtration Plants capacity 2000 gallons/ hour as per designed/ specification and construction of Pump House, Water Tank and other civil work for Water Supply Scheme (Filtration) Sakrand Town**
- 5.1 (a) Procuring Agency's Address** **Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad**  
(Insert address of the Procuring Agency with Tele/ Fax) **Phone/ Fax No. 0244.9370051**
- (b) Engineer's Address** **Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad**  
(Insert address of the Procuring Agency with Tele/ Fax) **Phone/ Fax No. 0244.9370051**
- 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 contructional capability necessary to perform the contract as follows:  
(Insert required capabilities and documents)
- i Financial Capacity (must have turnover of Rs. 5.0 M).
  - ii. Technical Capacity (mention the appropriate category of registration with PEC & Qualification & experience of the staff).
  - iii Construction capacity :(mention the names and number of equipments required for the work.
- 12.1 (a)** A detail description of the works, essential technical and performance characteristics.
- Complete set of technical information, Description data, literature and drawing ad required in accordance with Schedule-B to Bid, Specific work data . This include but not be limited to a sufficient number of drawing , photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimension and other relevant information about the work to be performed.
- (b)**



## **BILL OF QUANTITIES**

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

**Name of Work**

**DESIGNING, SUPPLYING, INSTALLATION AND COMMISSIONING OF FILTRATION PLANTS CAPACITY 2000 GALLONS/ HOUR AS PER DESIGNED/ SPECIFICATION AND CONSTRUCTION OF PUMP HOUSE, WATER TANK & OTHER CIVIL WORK FOR WATER SUPPLY SCHEME (FILTRATION) SAKRAND TOWN DISTRICT SHAHEED BENAZIR ABAD**

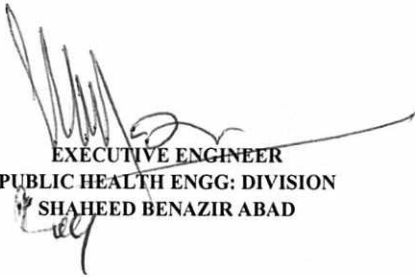
**PART-A**      **FILTRATION PLANTS (15 NOS:)**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1	Designing, Supplying, Installation and commissioning of Filtration Plants capacity 2000 gph as per technical specification complete as per designed in all respect ( <u>Market Rate</u> )	Each	15.00	924000	13,860,000
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**TOTAL    13,860,000**

**CONTRACTOR**

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

## BILL OF QUANTITIES

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

### **PART-B      PUMP HOUSE I/C UNDERGROUND WATER TANK**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation in foundation of building bridges and other structures I/c dag belling dressing refilling around the structures with excavated Earth watering ramming lead up to one chain and lift up to 5' (GSI No. 18 (b) P-04)	P: %0 Cft:	1038.0	3176.25	3,297
2	Cement concrete i/c placing compating finishing compacting finishing curing complete i/c screening & washing of stone aggregate without shuttering <b>Ratio 1:4:8</b> (CSI No. 4 P-15)	P: % Cft:	283.88	11288.75	32,047
3	Cement concrete i/c placing compating finishing compacting finishing curing complete i/c screening & washing of stone aggregate without shuttering <b>Ratio 1:3:6</b> (GSI No. 5 P-15)	P: % Cft:	288.00	12595.00	36,274
4	Erection and removal of centering for RCC pre-cost concrete work of deodar wood (2nd class) (CSI No: 18 P-19)	P: % Cft:	584.00	3127.41	18,264
5	Providing and Laying (1:3:6) Cement concrete solid Block masonry set in 1:6 cement sand mortar in plinth and foundation i/c raking out joints etc complete (CSI No: 22 P-19)	P: % Cft:	505.00	14268.63	72,057
6	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position complete in all respect. (I) Ratio 1:2:4 Lbs cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge (GSI No. 6 (b) P-17)	P: Cft:	463.95	337.0	156,351
7	Fabrication of mild steel reinforcement for C.C 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) (GSI No. 8 (b) P-17)	P: Cwt:	18.64	5001.70	93,236
8	Coloured cement tiles (pattern) 8" x 8" x 3/4" of approved shade and pattern laid flat in (1:2) gray cement mortar over a bed of 3/4" thick gray cement mortar (1:2) (CSI No: 15 P-21)	P: % Sft:	234.00	10962.34	25,652
9	Providing & laying tiles glazed 6" x 6" x 1/4" on floor or wall facing in required colour and pattern of STILE specification jointed in white cement and pigment over a base of (1:2) gray cement mortar 3/4" thick i/c washing and filling of joints with slurry of white cement and pigment in desired shape with finishing cleaning and cost of wax polish etc complete i/c cutting tiles to proper profile (CSI No: 60 P-17)	P: % Sft:	163.00	30509.77	49,731
10	Cement plaster (1:4) 3/8" thick upto 12' height (CSI No: 13 P-52)	P: % Sft:	619.00	2197.52	13,603
11	ement plaster (1:6) 1/2" thick upto 12' height (CSI No: 13 P-52)	P: % Sft:	619.00	2206.60	13,659
12	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making tr uses grids tanks etc i/c cutting bending drilling reviting handing assesmling and fixing etc complete (CSI No. 2 P-91)	P: Cwt:	2.04	4928.49	10,033



Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
13	Erection and fitting in position of iron trusses staging of water tanks etc (CSI No: 3 P-91)	P: Cwt:	2.04	271.04	552
14	Making and fixing steel grated door with 1/16" thick sheeting angle iron frame 2"x2"x 3/8" and 3/4" sq: bars 4" Center to center with locking arrangement (GSI No. 24 P-92)	P: Sft:	28.00	726.72	20,348
15	Cement, Pointing struck joint on walls (1:3) (GSI No.19 P-53)	P: % Sft:	672.00	1213.58	8,155
16	Earth filling water and ramming earth under floor with surplus earth excavated from trenches lead upto one chain and lift upto 5 ft: (CSI No.22 P-4)	P: %0 Cft:	526.50	3630.00	1,911
17	Supplying & fixing in position iron/ steel grill of 3/4" & 1/4" size flat iron of approved design i/c painting 3 coats etc complete (weight not to be less than 3.7 Lbs:/ Sq: ft: of finished grill (CSI No: 26 P-93)	P: Sft:	140.00	180.50	25,270
18	Painting new surface preparing surface and painting doors and windows any type i/c edges (GSI No.5 (c) P-70)	P: % Sft:	104.0	1662.21	1,729
19	White washing of Two coats (GSI No. 26 P-54)	P: % Sft:	619.0	425.84	2,636
20	Colour Washing Two Coats (GSI No. 26 (b) P-54).	P: % Sft:	672.00	859.90	5,779
21	Providing C.I Mainhole cover & frame i/c cost of material etc complete (PHSI No: J (i) P-35)	P: Cwt:	1.75	6985.00	12,224
22	Providing & fixing Piston pumping set 1 HP single phase 220 volts with 1-1/4" x 1-4" suction and delivery (local made) (ESI No: 25 P-32)	Each	1.00	15000.00	15,000
23	Providing G.I Pipe specials & clamps etc i/c fixing cutting and fitting complete with i/c the cost of breaking through walls and roof making good etc painting two coats after cleaning the pipe etc with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 ft: and handling (Sch: of W/S & Sanitary Item No: 1(iv) P-11)	P: Rft:	30.00	130.00	3,900
24	Providing and fixing Handle Valve 1-1/4" (China) (Sch: of W/S & Sanitary Item No: 7(iv) P-14)	Each	2.00	320.00	640
25	Making connection with Public Health mains for the house hold filling with M.S clamps socket screws etc complete (Sch: of W/S & Sanitary Item No: 12 (b) P-15)	Each	1.00	212.00	212
				<b>TOTAL</b>	<b>622,558</b>

622,558 X 15 = 9,338,365

CONTRACTOR

EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

### PART-C PVC PIPE DISTRIBUTION SYSTEM 6", 4" & 3"

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation for pipe line in trenches and pits in soft soil i/c clay or mud trimming and dressing sides to true alignment shape leveling of beds of trenches to correct level & grade cutting joints holes i/c laying earth in 6" layers for construction of banks & banks dressing disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-60)	P: %0 Cft:	31250.0	3600.00	112,500
2	Excavation for pipe line in trenches and pits in wet soil i/c clay or mud trimming and dressing sides to true alignment shape leveling of beds of trenches to correct level & grade cutting joints holes i/c laying earth in 6" layers for construction of banks & banks dressing disposal of surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 14 P-66)	P: %0 Cft:	8500.00	5400.00	45,900
3	Providing Laying Jointing PVC Pipe of class 'B' fixing in trenches i/c cutting fitting jointing with "Z" joint with one rubber Ring i/c testing with water to head of 61 meter or 200 ft: (PHSI No. 1 P-22).				
	(i) <u>6" dia</u>	P: Rft:	2000.00	262.00	524,000
	(ii) <u>4" dia</u>	P: Rft:	2000.00	137.00	274,000
	(iii) <u>3" dia</u>	P: Rft:	2000.00	90.00	180,000
4	Supplying of PVC specials for PVC pipe (standard-weight) for PVC pipe 'B' class (SMI No. 10 P-12)				
	(i) <u>6" x 6" x 6"</u>	Each	1.00	1800.00	1,800
	(ii) <u>6" x 6" x 4"</u>	Each	1.00	1800.00	1,800
	(iii) <u>6" x 6" x 3"</u>	Each	2.00	1800.00	3,600
	(i) <u>4" x 4" x 4"</u>	Each	2.00	1181.00	2,362
	(ii) <u>4" x 4" x 3"</u>	Each	2.00	1181.00	2,362
	(iii) <u>3" x 3" x 3"</u>	Each	2.00	900.00	1,800
	(i) <u>Bend 90 6" dia</u>	Each	1.00	1913.00	1,913
	(ii) <u>Bend 90 4" dia</u>	Each	2.00	956.00	1,912
	(iii) <u>Bend 90 3" dia</u>	Each	2.00	731.00	1,462
	(ii) <u>End Plug 3" dia</u>	Each	2.00	382.00	764
	(iii) <u>Reducer 4" x 3"</u>	Each	1.00	1258.00	1,258

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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5 PVC Sockets (SMI No 16 (iii) P-28).

(i)	<u>6" dia</u>	Each	5.00	1575.00	7,875
(ii)	<u>4" dia</u>	Each	5.00	1125.00	5,625
(iii)	<u>3" dia</u>	Each	6.00	405.00	2,430

6 Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-77) P: %0 Cft: 35775.0 2760.00 98,739

**TOTAL 1,272,102**

Total Part-A Rs. 13,860,000

Total Part-B Rs. 9,338,365

Total Part-C Rs. 1,272,102

**TOTAL (a) Rs. 24,470,467**


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

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

Total (b) \_\_\_\_\_

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

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**Bid No: (02)**

## **BIDDING DATA**

(This section should be filled in by the Engineering / Procuring Agency before issuance of the bidding documents. The following specific data for the Works to be procured 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 instruction to bidders )

### **Instruction to Bidders**

#### **Clause Reference.**

- 1.38 Name of Procuring Agency** **PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD**  
(Insert name of the Procuring Agency)
- Brief Description of work.** **CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN MUHALLA ALAM KHAN CHANDIO FOR RURAL DRAINAGE SCHEME VILLAGE MASTI KHAN CHANDIO TALUKA SAKRAND**
- 5.1 (a) Procuring Agency's Address** **Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad**  
(Insert address of the Procuring Agency with Tele/ Fax) **Phone/ Fax No. 0244.9370051**
- (b) Engineer's Address** **Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad**  
(Insert address of the Procuring Agency with Tele/ Fax) **Phone/ Fax No. 0244.9370051**
- 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:  
(Insert required capabilities and documents)
- i Financial Capacity (must have turnover of Rs. 5.0 M).
  - ii. Technical Capacity (mention the appropriate category of registration with PEC & Qualification & experience of the staff).
  - iii Construction capacity :(mention the names and number of equipments required for the work.
- 12.1 (a)** A detail description of the works, essential technical and performance characteristics.
- Complete set of technical information, Description data, literature and drawing ad required in accordance with Schedule-B to Bid, Specific work data . This include but not be limited to a sufficient number of drawing , photographs, catalogues, illustrations and such other information as is necessary to illustrate clearly the significant characteristics such as general construction dimension and other relevant information about the work to be performed.
- (b)**

# BILL OF QUANTITIES

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

**Name of Work** CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN MUHALLA ALAM KHAN CHANDIO FOR RURAL DRAINAGE SCHEME VILLAGE MASTI KHAN CHANDIO TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

**PART-A** SURFACE DRAINS TYPE-I

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Excavation in foundation of building bridges and other structures I/c dag belling dressing refilling around the structures with excavated Earth watering ramming lead up to one chain and lift up to 5' (GSI No. 18 P-04)	P: %0 Cft:	17640.60	3176.25	56,031
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering <b>Ratio 1:4:8</b> (GSI No. 5 (i) P-16)	P: % Cft:	4035.15	11288.75	455,518
3	Pacca brick work in foundation and plinth in cement, sand, mortar <b>(1:6)</b> (GSI No 5 (e) P-21)	P: % Cft:	10395.0	11948.36	1,242,032
4	Construction of Standard open drains bundle block of cement concret (1:2:4) in situ to the design profile i/c cost of module as per drawing i/c applying floating cost of cement 1/2" thick to the exposed face finished smooth curing etc complete as per detailed drawing (PHSI No. 1 (ii) P-58)				
	<b>Type-I</b>	P: Rft:	5430.0	94.0	510,420
	<b>Type-II</b>	P: Rft:	1000.0	174.0	174,000
5	Cement Plaster <b>(1:4)</b> 1/2" thick up to 12' height (GSI No.11 (b) P-52)	P: % Sft:	5981.20	2283.93	136,606
6	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or prrecast laid in position complete in all respect. (i) Ratio 1:2:4 Lbs cement2 Cft, sand 4 cft shingle1/8" to 1/4" gauge (GSI No. 6 P-49)	P: Cft:	4035.15	337.0	1,359,846
7	Fabrication of mild steel reinforcement for C.C 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) (Using Tor Bars) (GSI No. 8 (b) P-17)	P: Cwt:	144.11	5001.70	720,795
<b>TOTAL</b>					<b>4,655,248</b>

CONTRACTOR

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PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

#### PART-B

#### C.C TOPPING

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Barrow pit excavation undressed lead upto 100 ft: (ordinary soil) (CSI No. 3 P-1)	P: %0 Cft:	68760.00	2117.50	145,599
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	86400.00	263.0	22,723
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (GSI No. 5 P-15)	P: % Cft:	19008.00	9416.28	1,789,847
4	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering <b>Ratio 1:2:4</b> (CSI No. 5 P-16)	P: % Cft:	14400.0	14429.25	2,077,812
5	Earth from outside (Lead 1 Mile)	P: %0 Cft:	68760.00	407.00	279,853
6	Erection and removal of centering for RCC or plain C.C Work of Partial Wood 1st class(vertical) (GSI No. 18 (b) P-19)	P: % Sft:	3600.00	3127.41	112,587
<b>TOTAL</b>					<b>4,428,421</b>

PART-A	Rs.	4,655,248
PART-B	Rs.	4,428,421
<b>TOTAL (a)</b>	<b>Rs.</b>	<b>9,083,669</b>

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

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

Total (b) \_\_\_\_\_

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

CONTRACTOR

EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHEED-BENAZIR ABAD