

**BIDDING DATA**

This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

1) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD

2) Brief Description of works REPAIR OF EXISTING CIVIL STRUCTURE FOR VILLAGE MARI JALBANI TALUKA SAKRAND

3) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad

4) Estimated Cost: Rs. 2,000,000/-

5) Amount of Bid Security 2% Rs. 40,000/-  
( Fill in lump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )

6) Period of Bid Validity ( 60 days) 60 days

7) Security Deposit i/c ( Bid Security). 8% of Bill Amount

8) Percentage , if any, to be deducted from bills. Income Tax (7.5%)

9) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm

10) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad

11) Time for completion from written order of commence : (06) Month

12) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)

13) Name of Contractor / Agency \_\_\_\_\_

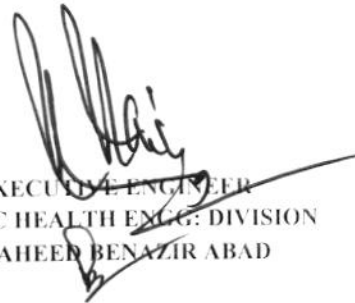
14) Deposit Receipt No./Agency \_\_\_\_\_  
( In words & figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Name of Work REPAIR OF EXISTING CIVIL STRUCTURE FOR VILLAGE MARI JALBANI TALUKA  
SAKRAND DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Jungle Clearance & removing with 100 ft: (GSI No. 4 (a) P-95)	P:% Sft:	7500.0	75.63	5,672
2	Dismantling cement concrete plain (1:2:4) (GSI No. 19 P-10)	P:% Cft:	78.0	3327.50	2,595
3	Dismantling cement concrete reinforcement saperating from concrete and cleaning and straightening the same (GSI No. 20 P-10)	P:% Cft:	235.15	5445.0	12,804
4	Cleaning of Collecting Tank/ sump below ground level i/c dewatering of sullage water & disposal of garbage, solid waste outside the tank etc complete (PHSI No. 1 P-59)	P:%0 Cft:	1946.25	11900.0	23,160
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (GSI No. 5 P-15)	P:% Cft:	316.96	14429.25	45,735
6	Erection and removal of centering for RCC or plain C.C Work of deodar Wood 2nd class (Vertical) (GSI No. 19 (ii) P-18)	P:% Sft:	641.92	3127.41	20,075
7	Pacca brick work (1:6) in other than building in cement, sand, mortar (GSI No. 7 P-21)	P:% Cft:	205.35	12346.65	25,354
8	Providing and laying 3" thick topping Cement Concrete (1:2:4) i/c surface, finishing and dividing in to panel (GSI No. 16 P-41)	P:% Sft:	312.0	4411.82	13,765
9	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or pprecast laid in position complete in all respect (I) Ratio 2:2:4 Lbs cement2 Cft, sand 4 cft shingle1/8" to 1/4" gauge (GSI No. 6 P-16)	P: Cft:	298.65	337.0	100,644
10	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 P-16)	P: Cwt:	12.0	5001.70	60,020
11	Cement, Plas er (1:6) 1/2" thick up to 12' height (GSI No.13 P-51)	P:% Sft:	3030.94	2206.60	66,881
12	Cement, Plas er (1:4) 3/8" thick up to 12' height (GSI No.11 P-51)	P:% Sft:	3030.94	2197.52	66,605
13	Cement, Pointing struck joint on walls (1:3) (GSI No.19 P-52)	P:% Sft:	1488.0	1213.58	18,058
14	White washing of Two coats (GSI No.26 P-53)	P:% Sft:	3204.0	425.84	13,644
15	Colour Washing Two Coats (GSI No. 25 P-53).	P:% Sft:	3204.0	859.90	27,551

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
<b><u>PAINTING OLD SURFACE</u></b>					
16	Preparing surface and painting doors and windows any type i/c edges 2 coats (GSI No. 4 P-67)	P:% Sft:	187.0	1160.06	2,169
17	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-91)	P: Sft:	156.0	726.72	113,368
<b><u>PAINTING NEW SURFACE</u></b>					
18	Preparing surface and painting doors and windows any type i/c edges 3 coats (GSI No. 5 P-69)	P:% Sft:	144.0	2116.41	3,048
19	Barrow pit excavation undressed lead upto 100 ft: (ordinary soil) (CSI No. 3 P-1)	P:%0 Cft:	16885.09	2117.50	35,754
20	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 3 P-4)	P:%0 Cft:	16885.09	263.0	4,441
21	Earth from outside ( <u>Lead 3 Mile</u> )	P:% Cft:	16885.09	579.41	97,834
22	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making trusses griders tanks etc i/c cutting bending drilling riveting handing assesmlng and fixing etc complete (CSI No. 2 P-90)	P: Cwt:	4.67	4928.49	23,016
23	Erection and fitting in position of iron trusses staging of water tank etc (GSI No. 3 P-90)	P: Cwt:	4.67	271.04	1,266
24	Pacca brick work in ground floor cement, sand, mortar (1:6) (GSI No. 9 (c) P-22)	P:% Cft:	282.09	12346.65	34,829
25	Bailing or pumping out sub soil water during excavation concreting, cost in situ concrete or masonry work in foundation etc (GSI No. 18 P-75)	P:% Cft:	262.50	543.0	1,425
26	Supplying & 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 to be less than 3.7 Lbs/Sq ft: of finished grill) (GSI No. 26 P-93)	P: Sft:	72.0	180.50	12,996
<b>TOTAL</b>					<b>832,711</b>

Part A      Rs. 832,711  
**TOTAL (a)**      **Rs. 832,711**

----- % 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  
SHAHED 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 VARIOUS MUHALLAS OF VILLAGE MARI JALBANI 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 ,  
**(b)** 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.



- 13.1 Amount of Bid Security. 2% Rs. 100,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus \_\_\_\_\_ Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division  
Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm  
On 12.11.2015, Time 02:00 pm Office of the Executive Engineer
- 16.1 Venue Time and date of Bid Opening Public Health Engg: Division Jam Sahib Road Shaheed Benazir  
Abad
- 16.4 Responsiveness of Bids.
- (i) Bids valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normally period of completion these works is upto 04 Months.
- (b) Price Adjustment contract  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Finance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED/BENAZIR ABAD

## BILL OF QUANTITIES

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

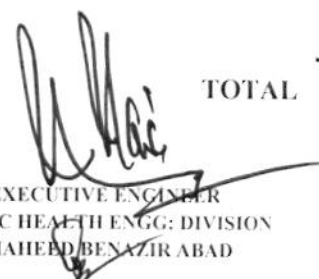
Name of Work CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN VARIOUS MUHALLAS OF VILLAGE MARIJALBANI TALUKA SAKRAND DISTRICT SHAHEED BENA ZIR ABAD

### PART-A SURFACE DRAINS TYPE-I & II

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 Ear h watering ramming lead up to one chain and lift up to 5' (GSI No. 18 P-04)	P: %0 Cft:	10587.38	3176.25	33,628
2	Cent concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1847.25	11288.75	208,531
3	Pacc brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	5568.75	11288.75	628,642
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:	1800.0	94.0	169,200
	<b>Type-II</b>	P: Rft:	900.0	174.0	156,600
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No.11 (b) P-52)	P: % Sft:	10143.0	2283.93	231,659
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 cement2 Cft, sand 4 cft shingle1/8" to 1/4" gauge (GSI No. 6 P-49)	P: Cft:	283.33	337.0	95,483
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:	11.384	5001.70	56,939

TOTAL 1,580,682

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENA ZIR 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:	47250.0	2117.50	100,052
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	47250.0	354.0	16,727
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge Ratio 1:4:8 (GSI No. 5 P-15)	P: % Cft:	7128.0	9416.28	671,192
4	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (CSI No. 5 P-16)	P: % Cft:	5400.0	14429.25	779,180
5	Earth from outside (Lead 3 Miles)	P: % Cft:	47250.0	579.41	273,771
				<b>TOTAL</b>	<b>1,840,922</b>

Part-A	Rs. 1,580,682
Part-B	Rs. 1,840,922
<b>TOTAL (a)</b>	<b>Rs. 3,421,604</b>

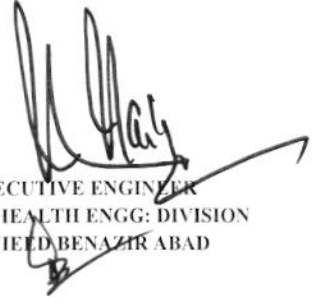
----- % above/ below on the rates of CSR.

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  
SHAHED BENAZIR ABAD

**Bid No: (03)**

## **BIDDING DATA**

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### **Instruction to Bidders**

#### **Clause Reference:**

- 1.38 Name of Procuring Agency** Public Health Engineering 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 VARIOUS MUHALLAS OF VILLAGE MARI SABKI  
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 Phone/ Fax No. 0244.9370051  
Tele/ Fax)
- (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 Phone/ Fax No. 0244.9370051  
Tele/ Fax)
- 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 ,
- (b)** 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.

- 13.1 **Amount of Bid Security.** 2% Rs. 100,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 **Period of Bid Validity** (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 **No: of copies of the Bid to be submitted .** One Original Plus Copies
- 14.6 **Procuring Agency's Address for the purpose of bid submission.** Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 **Dead line for submission of Bids** On 12.11.2015, Time 01.00 pm
- 16.1 **Venue Time and date of Bid Opening** On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 **Responsiveness of Bids.**
- Bid is valid till required period.
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  - Bidder is eligible to bid and possesses the requisite experience , capability and qualification .
  - Bid does not deviate from basic technical requirements and .
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EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

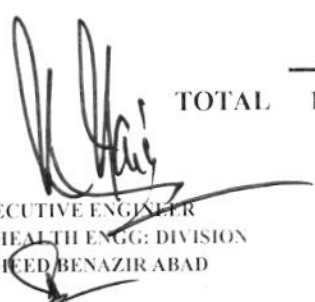
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### PART-A SURFACE DRAINS TYPE-I & II

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:	10587.38	3176.25	33,628
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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:	1800.0	94.0	169,200
	<b>Type-II</b>	P: Rft:	900.0	174.0	156,600
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No.11 (b) P-52)	P: % Sft:	10143.0	2283.93	231,659
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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:	8.231	5001.70	41,169

**TOTAL** 1,538,468

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 C.C TOPPING

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Borrow pit excavation undressed lead upto 100 ft: (ordinary soil) (CSI No. 3 P-1)	P: %0 Cft:	47250.0	2117.50	100,052
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	47250.0	354.0	16,727
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (CSI No. 5 P-15)	P: % Cft:	7128.0	9416.28	671,192
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:	5400.0	14429.25	779,180
5	Earth from outside (Lead 3 Miles)	P: % Cft:	47250.0	579.41	273,771
				<b>TOTAL</b>	<b>1,840,922</b>

Part-A      Rs. 1,538,468

Part-B      Rs. 1,840,922

**TOTAL (a)**      **Rs. 3,379,390**

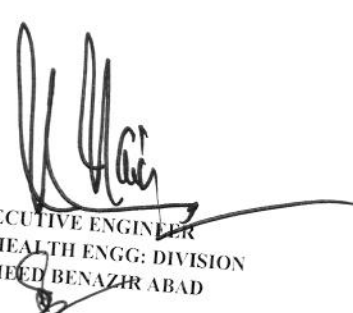
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Total (b) \_\_\_\_\_

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EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## **BIDDING DATA**

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### **Instruction to Bidders**

#### **Clause Reference.**

- 1.38 Name of Procuring Agency Public Health Engineering Division Shaheed Benazir Abad  
(Insert name of the Procuring Agency)
- Brief Description of work. SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 15 BHP (2 SETS) I/C DIESEL ENGINE 22 BHP (2 SETS) I/C SUCTION & DELIVERY FOR VILLAGE MARI JALBANI & MARI SABKI 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)
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  - 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 ,  
(b) 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.



- 13.1 **Amount of Bid Security.** 2% Rs. 100,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 **Period of Bid Validity** (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 **No: of copies of the Bid to be submitted .** One Original Plus Copies
- 14.6 **Procuring Agency's Address for the purpose of bid submission.** Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 **Dead line for submission of Bids** On 12.11.2015, Time 01.00 pm
- 16.1 **Venue Time and date of Bid Opening** On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 **Responsiveness of Bids.**
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) Fixed Price Contract.**  
In these contract no escalation will be provided during currency of the contract and normally period of completion these works is upto 04 Months.
- (b) Price Adjustment contract**  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Finance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Name of Work **SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 15 BHP (2 SETS) I/C DIESEL ENGINE 22 BHP ( 2 SETS) I/C SUCTION & DELIVERY FOR VILLAGE MARIJALBANI & MARI SABKI TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD**

**PART-A PUMPING MACHINERY 15 BHP (2 SETS)**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	C.I Reflex valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs / Sq: inch (SMI No. 6 (b) P-12)  <p align="right"><b>3" dia</b></p>	Each	2.0	1543.75	3,088
2	C.I Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs: Sq: inch (SMI No. 2 (b) P-12)  <p align="right"><b>3" dia</b></p>	Each	2.0	4290.0	8,580
3	Manufacturing installing M.S Pipe 3" & 4" made out M.S sheet 3/16" (4.8 mm thick) i/c cutting folding proper curvature shape i/c welding etc complete (R.A approved Based on Schedule rates)  <p align="right"><b>3" dia</b></p>	P: Rft:	16.0	385.89	6,174
4	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene P.E pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074 /8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25)  <p align="center"><b>(90 mm)</b></p> <p align="center">For suction &amp; delivery</p> <p align="right"><b>3" dia</b></p>	P: Rft:	64.0	178.0	11,392
5	Manufacturing installing M.S Flanged 3/8" (12 mm thick) M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete (R.A approved Based on Schedule rates)  <p align="right"><b>3" dia</b></p>	Each	20.0	500.89	10,018
6	C.I Foot valve heavy pattern with cone type gate (Imported) (SMI No. 4 P-12)  <p align="right"><b>3" dia</b></p>	Each	2.0	731.25	1,463
7	C.I Bend with flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-12)  <p align="right"><b>Bend 90 3" dia</b></p>	P: Kg	33.40	120.0	4,008
8	C.I Tee flanged and with holes i/c turning and facing of flanges for all size (PHSI No. 12 P-13)  <p align="right"><b>3" dia</b></p>	P: Kg	11.45	120.0	1,374
9	C.I Tappers flat bottomed or central tapper flanged ends with hole i/c turning & fixing for all sizes (SMI No. 9 P-12)	P: Kg	10.50	120.0	1,260

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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10 Supplying of C.I specials for A.C pressure pipe (standard-weight) for ACIL 'B' class (SMI No: 9 P-15)

Te il Picce 4" dia

Each 1.0 487.50 488

11 But fusion Joint (PHS Mat: No. 1 P-21)

3" dia


Each 20.0 600.0 12.000

12 Joining C.I.M.S Flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PI SI No.1 P-40)

3" dia P: Joint 20.0 499.0 9,980

**TOTAL** 69,824

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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<p>1 Supplying &amp; installing in position i/c transportation to site of work @ Village Mari Jalbani &amp; Mari Sabki electric pumping set consisting of A.C electric motor 15 BHIP 3 Phase 50 cycle 400/420 volts of 1450 RPM made type (ILA4-163-4AA-60) coupled with KSB non-clogging pump type KWPZ (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge 230 gpm against the head of 100 ft: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing automatic start delta starter Type (MCU) i/c providing &amp; fixing prepared board iron (clad) triple pole and neutral switch fuse with requireable type fuse link carrier 500 volts and 0-50 ampars installed on metaled board i/c providing internal electric wiring for main switch with 3-7/0.52 (10mm) PVC insulated wire 660 volts grade in 25 mm (1") PVC conduit on surface as required i/c providing and fixing earthing with set with 0.6m x 0.6m x 6.3 mm (2 x 2 x 1/2") G.I plate buried in ground at a depth of 3.7 m (12 ft:) for base plate &amp; testing of the pumping set against the required head of 72 hours etc complete (R. 1 Attached).</p>	P:Set	2.0		
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2 Flange Adopter (M.R)

3" dia Each 20.0


TOTAL \_\_\_\_\_

Amount TOTAL Rs. \_\_\_\_\_

TOTAL (B) Rs. \_\_\_\_\_

Total (3) in words & figures

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG. DIVISION  
 SHAHRED BENAZIR ABAD

## BILL OF QUANTITIES

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

PART-B

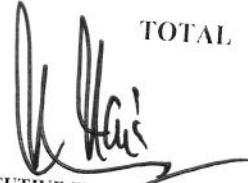
### DIESEL ENGINE 22 BHP (2 SETS) (TROLLY MOUNTED)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1 Supplying & installing in position i/c transportation to site of work @ **Village Mari Jalbani/ Mari Sabki Diesel Engine 22 BHP** (Golden) type (GD-1100) coupled with KSB non-clogging pump type (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge **230 gpm** against the head of **100 ft**: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation & testing of the pumping set against the required head of 72 hours etc complete (P.A attached).

P: Set      2.0

TOTAL \_\_\_\_\_



EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

CONTRACTOR

**Bid No: (05)**

## **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 Engineering Division Shaheed Benazir Abad  
(Insert name of the Procuring Agency)
- Brief Description of work.** PROVIDING, LAYING, JOINTING & TESTING P.E PIPE RISING MAIN 6" DIA FOR VILLAGE MARI JALBANI & 8" DIA FOR VILLAGE MARI SABKI 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 ,
- (b) **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.**

- 13.1 Amount of Bid Security. 2% Rs. 100,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- Bid is valid till required period.
  - Bid prices are firm during currency of contract / price adjustment.
  - Completion period offered is within specified limits.
  - Bidder is eligible to bid and possesses the requisite experience , capability and qualification .
  - Bid does not deviate from basic technical requirements and .
  - Bids are generally in order , etc." Procuring Agency can adpot either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normely period of cc mpletion these works is upto 04 Months.
- (b) Pr ce Adjustment contract  
In he contracts no escalation will be paid only on those items and in the manner as notified by the Fianance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Name of Work

**PROVIDING, LAYING, JOINTING & TESTING P.E PIPE RISING MAIN 6" DIA FOR VILLAGE MARI JALBANI & 8" DIA FOR VILLAGE MARI SABKI TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD**

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 <b>soft soil</b> 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:	28750.0	3600.00	103,500
2	Excavation for pipe line in trenches and pits in <b>wet soil</b> 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:	15000.0	5400.00	81,000
3	Providing, Laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene PE Pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25).				
	<b>PN-8</b>				
	(i) <b>6" dia (160 mm)</b>	P: Rft:	2000.0	440.0	880,000
	(ii) <b>8" dia (200 mm)</b>	P: Rft:	3000.0	691.0	2,073,000
4	Supplying of High Density Polyethylene Fitting (PE-100) (Per Each) Equivalem make (SMI No. ix P-104)				
(i)	<b>Tee Equal 6" dia</b> <b>(160 x 160 x 160)</b>	Each	4.0	10163.0	40,652
(ii)	<b>Tee Equal 8" dia</b> <b>(200 x 200 x 200)</b>	Each	5.0	6517.0	32,585
(iii)	<b>Tee Un-Equal</b> <b>(160 x 90 x 160)</b>	Each	3.0	3003.0	9,009



Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
(iv)	<u>Tee Un-Equal</u> <u>(200 x 90 x 200)</u>	Each	3.0	5007.0	15,021
(v)	<u>Elbow 90°</u> <u>6" dia (160 mm)</u> <u>8" dia (200 mm)</u>	Each	3.0	3480.0	10,440
(vi)	<u>Elbow 45°</u> <u>6" dia (160 mm)</u> <u>8" dia (200 mm)</u>	Each	3.0	5431.0	16,293
(vii)	<u>S/ End Piece</u> <u>6" dia (160 mm)</u> <u>8" dia (200 mm)</u>	Each	3.0	4345.0	13,035
(viii)	<u>Butt Fusion Joint (110-160 mm)</u> <u>4" to 6" dia</u> <u>(180-250 mm)</u> <u>8" to 10" dia</u>	Each	20.0	1000.0	20,000
5	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-77)	Each	15.0	1800.0	27,000
		P: %0 Cft:	39375.0	2760.00	108,675
				<b>TOTAL</b>	<b>3,481,897</b>

Total Amount Rs. 3,481,897

**TOTAL (a)** Rs. 3,481,897

\_\_\_\_\_ % 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 ENGS. DIVISION  
SHAHEED BENAZIR ABAD


Bid No: (06)

## BIDDING DATA

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works REPAIR OF EXISTING CIVIL STRUCTURE FOR MUHALLA MARI SABKI TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 2,000,000/-
- (e) Amount of Bid Security 2% Rs. 40,000/-  
( Fill in lump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )
- (f) Period of Bid Validity ( 60 days ) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_  
( In words & figers)  
DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_  
Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_  
of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Name of Work **REPAIR OF EXISTING CIVIL STRUCTURE FOR MUHALLA MARI SABKITALUKA  
SAKRAND DISTRICT SHAHEED BENAIZIR ABAD**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Jungle Clearance & removing with 100 ft: (GSI No. 4 (a) P-95)	P:% Sft:	7500.0	75.63	5,672
2	Dismantling cement concrete plain (1:2:4) (GSI No. 19 P-10)	P:% Cft:	48.0	3327.50	1,597
3	Dismantling cement concrete reinforcement saperating from concrete and cleaning and straightening the same (GSI No. 20 P-10)	P:% Cft:	87.89	5445.0	4,785
4	Cleaning of Collecting Tank/ sump below ground level i/c dewatering of sullage water & disposal of garbage, solid waste outside the tank etc complete (PHSI No. 1 P-59)	P:%0 Cft:	1946.25	11900.0	23,160
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering <b>Ratio 1:3:6</b> (GSI No. 5 P-16)	P:% Cft:	2400.0	12595.0	302,280
6	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> (GSI No. 5 P-15)	P:% Cft:	316.96	14429.25	45,735
7	Erection and removal of centering for RCC or plain C.C Work of deodar Wood 2nd class (Vertical) (GSI No. 19 (ii) P-18)	P:% Sft:	5441.92	3127.41	170,191
8	Pacca brick work (1:6) in other than building in cement, sand, mortar (GSI No. 7 P-21)	P:% Cft:	120.99	12346.65	14,938
9	Providing and laying 3" thick topping Cement Concrete (1:2:4) I/c surface, finishing and dividing in to panel (GSI No. 16 P-41)	P:% Sft:	192.0	4411.82	8,471
10	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or pprecast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge (GSI No. 6 P-16)	P: Cft:	151.39	337.0	51,017
11	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 P-16)	P: Cwt:	6.082	5001.70	30,423
12	Cement, Plaster (1:6) 1/2" thick up to 12' height (GSI No. 13 P-51)	P:% Sft:	2230.94	2206.60	49,228
13	Cement, Plaster (1:4) 3/8" thick up to 12' height (GSI No. 11 P-51)	P:% Sft:	2230.94	2197.52	49,025
14	Cement, Pointing struck joint on walls (1:3) (GSI No. 19 P-52)	P:% Sft:	1488.0	1213.58	18,058
15	White washing of Two coats (GSI No. 26 P-53)	P:% Sft:	2764.0	425.84	11,770
16	Colour Washing Two Coats (GSI No. 25 P-53).	P:% Sft:	2764.0	859.90	23,768

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
<b><u>PAINTING OLD SURFACE</u></b>					
17	Preparing surface and painting doors and windows any type i/c edges 2 coats (GSI No. 4 P-67)	P:% Sft:	187.0	1160.06	2,169
18	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-91)	P: Sft:	156.0	726.72	113,368
<b><u>PAINTING NEW SURFACE</u></b>					
19	Preparing surface and painting doors and windows any type i/c edges 3 coats (GSI No. 5 P-69)	P:% Sft:	144.0	2116.41	3,048
20	Borrow pit excavation undressed lead upto 100 ft: (ordinary soil) (CSI No. 3 P-1)	P:%0 Cft:	20635.09	2117.50	43,695
21	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 3 P-4)	P:%0 Cft:	20635.09	263.0	5,427
22	Earth from outside (Lead 3 Mile)	P:% Cft:	20635.09	579.41	119,562
23	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making trusses grinders tanks etc i/c cutting bending drilling riveting handing assembling and fixing etc complete (CSI No. 2 P-90)	P: Cwt:	4.67	4928.49	23,016
24	Erection and fitting in position of iron trusses staging of water tank etc (GSI No. 3 P-90)	P: Cwt:	4.67	271.04	1,266
25	Pucca brick work in ground floor cement, sand, mortar (1:6) (GSI No. 9 (e) P-22)	P:% Cft:	176.34	12346.65	21,773
26	Bailing or pumping out sub soil water during excavation concreting, cast in situ concrete or masonry work in foundation etc (GSI No. 18 P-75)	P:% Cft:	262.50	543.0	1,425
27	Supplying & 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 to be less than 3.7 Lbs/Sq ft: of finished grill) (GSI No. 26 P-93)	P: Sft:	72.0	180.50	12,996

**TOTAL 1,157,863**

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

# BIDDING DATA

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- |  |   |
|--|---|
| (a) Name of Procuring Agency :                           | <u>PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD</u>  |
| (b) Brief Description of works                           | <u>CONSTRUCTION OF OXIDATION POND FOR VILLAGE MARI JALBANI AND MARI SABKI TALUKA SAKRAND</u>  |
| (c) Procuring Agency,s Address                           | <u>Office of the Executive Engineer Public Health Engg:<br/>Division Jam Sahib Road Shaheed Benazir Abad</u>                          |
| (d) Estimated Cost                                       | <u>Rs. 1,800,000/-</u>  |
| (e) Amount of Bid Security                               | <u>2% Rs. 36,000/-</u>  |
| (f) Period of Bid Validity ( 60 days)                    | <u>60 days</u>  |
| (g) Security Deposit i/c ( Bid Security).                | <u>8% of Bill Amount</u>  |
| (h) Percentage , if any, to be deducted from bills.      | <u>Income Tax (7.5%)</u>  |
| (i) Deadline for for submission of Bids alongwith time   | <u>On 12.11.2015, Time 1.00 pm</u>  |
| (j) Venue, Time and Date of Bid Opening                  | <u>On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad</u> |
| (k) Time for completion from written order of commence : | <u>(06) Month</u>   |
| (l) Liquidity Damages :-                                 | <u>(0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)</u>  |
| (m) Name of Contractor / Agency                          | _____   |
| (n) Deposit Receipt No./Agency                           | _____   |
| ( In words & figers)                                     | _____   |
| DR.No. _____ Rs. _____ Date. _____                       |   |
| Call Deposit No. _____ Dated _____                       |   |
| of the _____ amounting to Rs. _____                      |   |

CONTRACTOR

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

**BILL OF QUANTITIES**

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

Name of Work **CONSTRUCTION OF OXIDATION POND FOR VILLAGE MARI JALBANI & MARI SABKI  
TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Excavation for tanks & reservoir in <b>soft soil</b> i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)	P: %0 Cft:	93475.11	3000.0	280,425
2	Excavation for tanks & reservoir in <b>wet soil clay or mud</b> i/c trimming and dressing to true alignment design section profile & shape leveling of tank: 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-74)	P: %0 Cft:	31440.43	4800.0	150,914
3	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	59539.81	354.0	21,077
4	Extra for every 50 ft: additional lead or part thereof for earth work (soft ordinary hard and very hard) (CSI No. 8 (a) P-3)	P: %0 Cft:	65375.72	4837.44	316,251
5	Excavation for pipe line in trenches and pits in soft soil i/c 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:	1764.0	3600.0	6,350
6	Providing RCC pipe of ASTM C-76-62 T/C 76 – 70 Class – II wall – B and fixing in trenches i/c cutting bending and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. b (i) P-17)	<b>12" dia</b> P: Rft:	200.0	412.0	82,400

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount Rupee
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7	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (GSI No. 4 (b) P-15)	P: % Cft:	50.24	9416.28	4,731
8	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:	220.03	337.0	74,150
9	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:	8.84	5001.70	44,217
10	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-53)	P: %0 Cft:	1587.60	2760.0	4,382
				<b>TOTAL</b>	<b>984,897</b>

Part-A Rs. 984,897  
**TOTAL (a) Rs. 984,897**


----- % 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

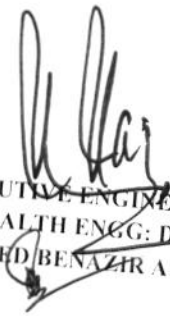
Bid No: (08)

## BIDDING DATA

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works REPAIR OF EXISTING CIVIL STRUCTURE FOR VILLAGE KHABAR LAKHMIR TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 2,500,000/-
- (e) Amount of Bid Security 2% Rs. 50,000/-  
( Fill in ump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_  
( In words & figers)
- DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_
- Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_
- of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD



## BILL OF QUANTITIES

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

**Name of Work** REPAIR OF EXISTING CIVIL STRUCTURE FOR VILLAGE KHABAR LAKHMIR TALUKA  
SAKRAND DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Dismantling cement concrete plain (1:3:6) (GSI No. 19 P-10)	P:% Cft:	300.0	1306.80	3,920
2	Dismantling cement concrete plain (1:2:4) (GSI No. 19 P-10)	P:% Cft:	78.0	3327.50	2,595
3	Dismantling cement concrete reinforcement saperating from concrete and cleaning and straightening the same (GSI No. 20 P-10)	P:% Cft:	235.15	5445.0	12,804
4	Cleaning of Collecting Tank/ sump below ground level i/c dewatering of sullage water & disposal of garbage, solid waste outside the tank etc complete (PHSI No. 1 P-59)	P:%0 Cft:	1946.25	11900.0	23,160
5	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:3:6 (GSI No. 5 P-16)	P:% Cft:	1800.0	12595.0	226,710
6	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (GSI No. 5 P-15)	P:% Cft:	237.72	14429.25	34,301
7	Erection and removal of centering for RCC or plain C.C Work of dead: r Wood 2nd class (Vertical) (GSI No. 19 (ii) P-18)	P:% Sft:	4081.44	3127.41	127,643
8	Pacca brick work (1:6) in other than building in cement, sand, mortar (GSI No. 7 P-21)	P:% Cft:	879.12	12346.65	108,542
9	Providing and laying 3" thick topping Cement Concrete (1:2:4) i/c surface, finishing and dividing in to panel (GSI No. 16 P-41)	P:% Sft:	312.0	4411.82	13,765
10	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or pprecast laid in position complete in all respect. (I) Ratio 2:2:4 Lbs cement 2 Cft, sand 4 cft shingle 1/8" to 1/4" gauge (GSI No. 6 P-16)	P: Cft:	298.65	337.0	100,644
11	Fabricat on of mild steel reinforcement for C.C i/c cutting, bending, laying in position making joints and fastening i/c cost of binding wire (als) i/c removal of rust from bars) (GSI No. 8 P-16)	P: Cwt:	12.0	5001.70	60,020
12	Cement, Plaster (1:6) 1/2" thick up to 12' height (GSI No. 3 P-51)	P:% Sft:	4361.98	2206.60	96,251
13	Cement, Plaster (1:4) 3/8" thick up to 12' height (GSI No. 11 P-51)	P:% Sft:	4361.98	2197.52	95,855
14	Cement, Pointing struck joint on walls (1:3) (GSI No. 19 P-52)	P:% Sft:	1488.0	1213.58	18,058
15	White washing of Two coats (GSI No. 26 P-53)	P:% Sft:	4054.50	425.84	17,266
16	Colour Washing Two Coats (GSI No. 25 P-53).	P:% Sft:	5949.85	859.90	51,163

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
<b><u>PAINTING OLD SURFACE</u></b>					
17	Preparing surface and painting doors and windows any type i/c edges 2 coats (GSI No. 4 P-67)	P:% Sft:	187.0	1160.06	2,169
18	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-91)	P: Sft:	72.0	726.72	52,324
<b><u>PAINTING NEW SURFACE</u></b>					
19	Preparing surface and painting doors and windows any type i/c edges 3 coats (GSI No. 5 P-69)	P:% Sft:	144.0	2116.41	3,048
20	Barrow pit excavation undressed lead upto 100 ft: (ordinary soil) (CSI No. 3 P-1)	P:%0 Cft:	37936.03	2117.50	80,330
21	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 3 P-4)	P:%0 Cft:	37936.03	263.0	9,977
22	Cartage of Earth work/ Barrow pit (Lead 1 Mile)	P:% Cft:	37936.03	407.0	154,400
23	Fabrication of heavy steel work with angle tee flats iron round iron and sheet iron for making tr uses graders tanks etc i/c cutting bending drilling riveting handing assembling and fixing etc complete (CSI No. 2 P-90)	P: Cwt:	4.67	4928.49	23,016
24	Erection and fitting in position of iron trusses staging of water tank etc (GSI No. 3 P-90)	P: Cwt:	4.67	271.04	1,266
Part-A				Rs. 1,319,227	
<b>TOTAL (a)</b>				<b>Rs. 1,319,227</b>	
				<b>TOTAL</b>	<b>1,319,227</b>


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

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

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

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

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

(a) Name of Procuring Agency :

PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD

(b) Brief Description of works

SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 10 BHP (1 SET) I/C DIESEL ENGINE 16 BHP (1 SET) I/C SUCTION & DELIVERY FOR VILLAGE KHABAR LAKHMIR TALUKA SAKRAND

(c) Procuring Agency,s Address

Office of the Executive Engineer Public Health Engg:  
Division Jam Sahib Road Shaheed Benazir Abad

(d) Estimated Cost

Rs. 1,600,000/-

(e) Amount of Bid Security

2% Rs. 32,000/-

( Fill in lump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )

(f) Period of Bid Validity ( 60 days)

60 days

(g) Security Deposit i/c ( Bid Security).

8% of Bill Amount

(h) Percentage , if any, to be deducted from bills.

Income Tax (7.5%)

(i) Deadline for for submission of Bids alongwith time

On 12.11.2015, Time 1.00 pm

(j) Venue, Time and Date of Bid Opening

On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad

(k) Time for completion from written order of commence :

(06) Month

(l) Liquidity Damages :-

(0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)

(m) Name of Contractor / Agency

(n) Deposit Receipt No./Agency

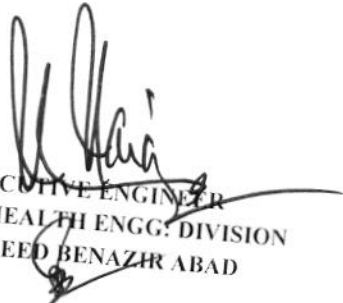
( In words & figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

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.

SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 10 BHP (1 SET) I/C DIESEL ENGINE 16 BHP (1 SET) I/C SUCTION & DELIVERY FOR VILLAGE KHABAR LAKHMIR TALUKA SAKRAND DISTRICT SHAHEED BENAIZIR ABAD

Name of Work

### PART-A PUMPING MACHINERY 10 BHP (1 SET)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	C.I Reflex valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 6 (b) P-12)  <p style="text-align: right;"><u>3" dia</u></p>	Each	2.0	1543.75	3,088
2	C.I Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 2 (b) P-12)  <p style="text-align: right;"><u>3" dia</u></p>	Each	2.0	4290.0	8,580
3	Manufacturing installing M.S Pipe 3" & 4" made out M.S sheet 3/16" (4.8 mm thick) i/c cutting folding proper curvature shape i/c welding etc complete (R.A approved Based on Schedule rates)  <p style="text-align: right;"><u>3" dia</u></p>	P: Rft:	16.0	385.89	6,174
4	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene P.E pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074 /8075 B.S 3580 & P.S:1 3051 (PHSI No. F (i) P-25)  <p style="text-align: right;"><u>(90 mm)</u></p> <p style="text-align: right;"><u>3" dia</u></p>	P: Rft:	48.0	178.0	8,544
5	Manufacturing installing M.S Flanged 3/8" (12 mm thick) M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete (R.A approved Based on Schedule rates)  <p style="text-align: right;"><u>3" dia</u></p>	Each	20.0	500.89	10,018
6	C.I Foot valve heavy pattern with cone type gate (Imported) (SMI No. 4 P-12)  <p style="text-align: right;"><u>3" dia</u></p>	Each	2.0	731.25	1,463
7	C.I Bend with flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-12)  <p style="text-align: right;"><u>Bend 90 3" dia</u></p>	P: Kg	33.40	120.0	4,008
8	C.I Tee flanged and with holes i/c turning and facing of flanges for all size (PHSI No. 12 P-13)  <p style="text-align: right;"><u>3" dia</u></p>	P: Kg	22.90	120.0	2,748
9	Supplying of C.I specials for A.C pressure pipe (standard-weight) for AC 'IL 'B' class (SMI No: 9 P-15)  <p style="text-align: right;"><u>Tail Piece 4" dia</u></p>	Each	1.0	487.50	488

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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10	C.I Tappers flat bottomed or central taper flanged ends with hole i/c turning & fixing for all sizes (SMI No. 9 P-12)	P: Kg	10.50	120.0	1,260
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11	But fusion Joint (PHS Mat: No. 1 P-21)				
	<u>3" dia</u>	Each	15.0	600.0	9,000

12	Jointing: C.I.M.S Flanged pipe and specials flanged and inside a trench; nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PHSI No. 1 P-40)				
	<u>3" dia</u>	P: Joint	15.0	499.0	7,485

**TOTAL 62,855**

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1 Supplying & installing in position i/c transportation to site of work @ Village Khabar Lakhmir electric pumping set consisting of A.C electric motor **10 BHP** 3 Phase 50 cycle 400/420 volts of 1450 RPM made type **(ILA4-130-4AA-60)** coupled with KSB non-clogging pump type **KWPZ (65-315)** size **3" x 2 1/2"** mounted on com non steel frame or base plate capable of discharge 205 gpm against the head of 80 ft: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing automatic start delta starter Type (MCU) i/c providing & fixing prepared board iron (clad) triple pole and neutral switch fuse with requireable type fuse link carrier 500 volts and 0-50 ampars installed on metaled board i/c providing internal electric wiring for main switch with 3-7/0.52 (10n.m) PVC insulated wire 660 volts grade in 25 mm (1") PVC conduit on surface as required i/c providing and fixing earthing with set with 0.6m x 0.6m x 6.3 mm (2 x 2 x 1/2") G.I plate buried in ground at a depth of 3.7 m (12 ft:) for base plate & testing of the pumping set against the required head of 72 hours etc complete (R.A attached).

P:Set      1.0

2 Flange Adopter (M.R)

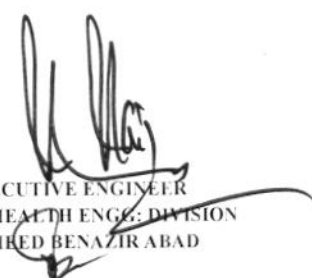
3" dia      Each      15.0

TOTAL \_\_\_\_\_

Amount TOTAL      Rs. \_\_\_\_\_  
 TOTAL (B)      Rs. \_\_\_\_\_

Total (B) in words & figures

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGE. DIVISION  
 SHAHRID BENAZIR ABAD

## BILL OF QUANTITIES

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

**PART-B**      **DIESEL ENGINE 16 BHP (1 SET) (TROLLY MOUNTED)**

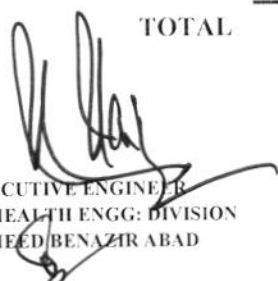
Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1      Supplying & installing in position i/c transportation to site of work @ Village Khabar Lakhmir Diesel Engine 16 BHP (Golden) type (GD-1100) coupled with KSB non-clogging pump type (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge 205 gpm against the head of 80 ft: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation & testing of the pumping set against the required head of 72 hours etc complete (R.A attached).

P: Set      1.0

TOTAL \_\_\_\_\_

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHEED BENAZIR ABAD

## 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 Engineering Division Shaheed Benazir Abad  
(Insert name of the Procuring Agency)
- Brief Description of work. PROVIDING, LAYING, JOINTING & TESTING P.E PIPE RISING MAIN 6" DIA FOR VILLAGE KHABAR LAKHMIR 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 ,  
(b) 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.



- 13.1 **Amount of Bid Security.** 2% Rs. 70,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 **Period of Bid Validity** (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 **No: of copies of the Bid to be submitted .** One Original Plus Copies
- 14.6 **Procuring Agency's Address for the purpose of bid submission.** Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
(Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 **Dead line for submission of Bids** On 12.11.2015, Time 01.00 pm  
On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.1 **Venue Time and date of Bid Opening** On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 **Responsiveness of Bids.**
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) **Fixed Price Contract.**  
In these contract no escalation will be provided during currency of the contract and normally period of completion these works is upto 04 Months.
- (b) **Price Adjustment contract**  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Finance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Name of Work

PROVIDING, LAYING, JOINTING & TESTING P.E PIPE RISING MAIN 6" DIA FOR VILLAGE  
KHABAR LAKHMIR TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Dismantling & removing road metting (GSI No: 51 P-13)	P: % Cft:	4000.0	605.0	24,200
2	Excavation for pipe line in trenches and pits in <b>soft soil</b> 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 chair (PHSI No: 1 P-60)	P: %0 Cft:	36000.0	3600.0	129,600
3	Excavation for pipe line in trenches and pits in <b>wet soil</b> 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 chair (PHSI No: 14 P-66)	P: %0 Cft:	16200.0	5400.0	87,480
4	Providing, Laying & fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene PE Pipes (HDPE-100) for 'V/S confirming ISO 4427/DIN8074/8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25).				
	<b>PN-8</b> <span style="margin-left: 100px;"><b>6" dia (160 mm)</b></span>	P: Rft:	7200.0	440.0	3,168,000
5	Supplying of High Density Polyethylene Fitting (PE-100) (Per Each) Equivalent make (SMI No. ix P-104)				
(i)	<b>Tee Equ:al 6" dia</b> <b>(160 x 160 x 160)</b>	Each	10.0	4175.0	41,750
(ii)	<b>Tee Un-I qual</b> <b>(160 x 90 x 160)</b>	Each	8.0	3003.0	24,024
(iii)	<b>Elbow 90°</b> <b>6" dia (160 mm)</b>	Each	8.0	3480.0	27,840

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
(vi)	<u>Elbow 45°</u> <u>6" dia (160 mm)</u>	Each	5.0	2784.0	13,920
(v)	<u>S/ End Piece</u> <u>6" dia (160 mm)</u>	Each	10.0	3386.0	33,860
(vi)	<u>Butt Fusion Joint</u> <u>4" - 6" (110-160 mm)</u>	Each	20.0	1000.0	20,000
6	Refilling the excavated stuff in 6" thick layers watering ramming to full comp action etc complete (PHSI No: 24 P-77)	P: %0 Cft:	46980.0	2760.00	129,665
				<b>TOTAL</b>	<b>3,691,989</b>

Total Amount      Rs. 3,691,989  
**TOTAL (a)**      **Rs. 3,691,989**

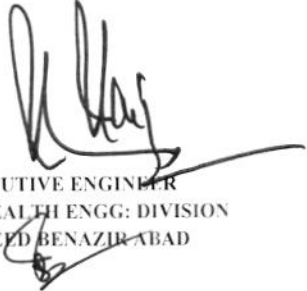
----- % above/ below on the rates of CSR.

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  
SHAHED BENAZIR ABAD

**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)


- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works CONSTRUCTION OF OXIDATION POND FOR VILLAGE KHABAR LAKHMIR TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 900,000/-
- (e) Amount of Bid Security 2% Rs. 18,000/-
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_

( In words &amp; figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR


EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Name of Work CONSTRUCTION OF OXIDATION POND FOR VILLAGE KHABAR LAKHMIR TALUKA  
SAKRAND DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Jungle Clearance & removing with 100 ft: (GSI No. 4 (a) P-95)	P: % Cft:	15000.0	75.63	11,345
2	Excavation for tanks & reservoir in <b>soft soil</b> i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)	P: %0 Cft:	37300.89	3000.0	111,903
3	Excavation for tanks & reservoir in <b>wet soil clay or mud</b> i/c trimming and dressing to true alignment design section profile & shape leveling of tanks 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-74)	P: %0 Cft:	10930.43	4800.0	52,466
4	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc complete (CSI No. 13 (b) P-3)	P: %0 Cft:	47797.31	354.0	16,920
5	Earth from outside (Lead 3 Miles)	P: %0 Cft:	47797.31	579.41	27,694
6	Bailing or pumping out sub soil water during excavation concreting, cost in situ concrete or masonry work in foundation etc (GSI No. 18 P-75)	P: % Cft:	14400.0	543.0	78,192
7	Excavation for pipe line in trenches and pits in soft soil i/c 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:	1764.0	3600.0	6,350
8	Providing RCC pipe of ASTM C-76-62 T/C 76 – 70 Class – II wall – B and fixing in trenches i/c cutting bending and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. b (i) P-17)	<b>12" dia</b> P: Rft:	200.0	412.0	82,400

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
9	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (GSI No. 4 (b) P-15)	P: % Cft:	50.24	9416.28	4,731
10	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:	220.03	337.0	74,150
11	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:	8.84	5001.70	44,217
12	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-53)	P: %0 Cft:	1587.60	2760.0	4,382
				<b>TOTAL</b>	<b>514,749</b>

Part-A      Rs. 514,749  
**TOTAL (a)**      **Rs. 514,749**

----- % 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: (12)**

## **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 various muhallas of Village Khabar Lakhmir 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 detailed 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 ,  
(b) 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.

- 13.1 Amount of Bid Security. 2% Rs. 80,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5%)
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) **Fixed Price Contract.**  
In these contract no escalation will be provided during currency of the contract and normally period of completion these works is upto 04 Months.
- (b) **Price Adjustment contract**  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Finance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD



## BILL OF QUANTITIES

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

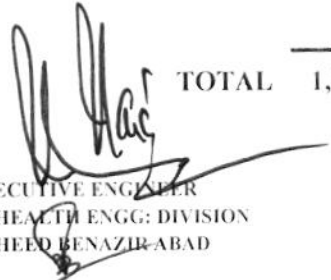
Name of Work **CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN VARIOUS MUHALLAS OF VILLAGE KHABAR LAKHMIR TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD**

### PART-A SURFACE DRAINS TYPE-I & II

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 be ling 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:	9138.75	3176.25	29,027
2	Cemen concrete plain i/c placing compacting finishing and curing comple e i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1581.50	11288.75	178,532
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	4781.25	11288.75	539,743
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 : mooth curing etc complete as per detailed drawing (PHSI No. 1 (ii) P-58)				
	<b>Type-I</b>	P: Rft:	1500.0	94.0	141,000
	<b>Type-II</b>	P: Rft:	800.0	174.0	139,200
5	Cement P aster (1:4) 1/2" thick up to 12' height (GSI No.11 (b) P-52)	P: % Sft:	8709.0	2283.93	198,907
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 cement2 Cft. sand 4 cft shingle1/8" to 1/4" gauge (GSI No. 6 P-49)	P: Cft:	204.86	337.0	69,038
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:	8.231	5001.70	41,169

**TOTAL 1,336,616**

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 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:	40250.0	2117.50	85,229
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	40250.0	354.0	14,249
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge Ratio 1:4:8 (CSI No. 5 P-15)	P: % Cft:	6072.0	9416.28	571,757
4	Cement concrete plain i/c placing compacting finishing and curing complete /c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (CSI No. 5 P-16)	P: % Cft:	4600.0	14429.25	663,746
5	Earth from outside (Lead 3 Miles)	P: % Cft:	40250.0	579.41	233,213
				<b>TOTAL</b>	<b>1,568,192</b>

Part-A	Rs. 1,336,616
Part-3	Rs. 1,568,192
<b>TOTAL (a)</b>	<b>Rs. 2,904,808</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

**Bid No: (13)**

## **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 MENGHWAR & JAMALI MUHALLAS OF VILLAGE KARAM KHAN JAMALI 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 Tel/ 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 Tel/ 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 ,  
(b) 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.

- 13.1 Amount of Bid Security. 2% Rs. 80,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm  
On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normally period of completion these works is upto 04 Months.
- (b) Price Adjustment contract  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Finance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEER BENAZIR ABAD

## BILL OF QUANTITIES

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

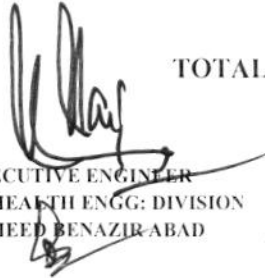
Name of Work **CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN MENGHWAR & JAMALI MUHALLAS OF VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD**

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

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:	9138.75	3176.25	29,027
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1581.50	11288.75	178,532
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No. 5 (c) P-21)	P: % Cft:	4781.25	11288.75	539,743
4	Construction of Standard open drains bundle block of cement concrete (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:	1500.0	94.0	141,000
	<b>Type-II</b>	P: Rft:	800.0	174.0	139,200
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 1 (b) P-52)	P: % Sft:	8709.0	2283.93	198,907
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 P-49)	P: Cft:	204.86	337.0	69,038
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:	8.231	5001.70	41,169

**TOTAL** 1,336,616

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 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:	40250.0	2117.50	85,229
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	40250.0	354.0	14,249
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (CSI No. 5 P-15)	P: % Cft:	6072.0	9416.28	571,757
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:	4600.0	14429.25	663,746
5	Earth from outside ( <u>Lead 3 Miles</u> )	P: % Cft:	40250.0	579.41	233,213
				<b>TOTAL</b>	<b>1,568,192</b>

Part-A      Rs. 1,336,616  
Part B      Rs. 1,568,192  

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TOTAL (a)      Rs. 2,904,808


----- % 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  
SHAHED BENAZIR ABAD



- 13.1 Amount of Bid Security. 2% Rs. 70,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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) Bid . are generally in order , etc." Procuring Agency can adpot either of two options (Select either of them )
- (a) **Fixed Price Contract.**  
In these contract no escalation will be provided during currency of the contract and normely period of completion these works is upto 04 Months.
- (b) **Price Adjustment contract**  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Fianance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD



## BILL OF QUANTITIES

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


Name of Work **CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN KARMANI  
MUHALLA OF VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND DISTRICT SHAHEED  
BENAZIR ABAD**

### PART-A SURFACE DRAINS TYPE-I & II

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:	7330.50	3176.25	23,284
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1292.00	11288.75	145,851
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	3881.25	11288.75	438,145
4	Construction of Standard open drains bundle block of cement concrete (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 (i) P-58)				
	<b>Type-I</b>	P: Rft:	1300.0	94.0	122,200
	<b>Type-II</b>	P: Rft:	600.0	174.0	104,400
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 11 (b) P-52)	P: % Sft:	7069.0	2283.93	161,451
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 P-49)	P: Cft:	147.92	337.0	49,848
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:	5.943	5001.70	29,725

TOTAL 1,074,903

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 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:	33250.0	2117.50	70,407
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	33250.0	354.0	11,771
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:	5016.0	9416.28	472,321
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:	3800.0	14429.25	548,312
5	Earth from outside (Lead 3 Miles)	P: % Cft:	33250.0	579.41	192,654
				<b>TOTAL</b>	<b>1,295,463</b>

Part A      Rs. 1,074,903  
Part-B      Rs. 1,295,463  
**TOTAL (a)      Rs. 2,370,366**

----- % 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  
SHAHJED BENAZIR ABAD



- 13.1 Amount of Bid Security. 2% Rs. 60,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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) Bid: are generally in order , etc." Procuring Agency can adpot either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normely period of completion these works is upto 04 Months.
- (b) Price Adjustment contract  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Fianance Depa tment , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Name of Work

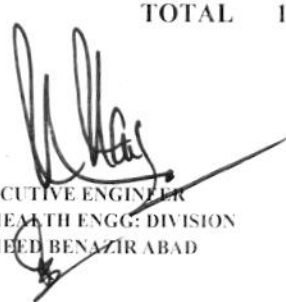
SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 7.5 BHP (2 SETS) I/C DIESEL ENGINE 12 BHP (2 SETS) I/C SUCTION & DELIVERY FOR VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

**PART A**      **PUMPING MACHINERY 7.5 BHP (2 SETS)**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees	
1	C.I Reflex valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 6 (b) P-12)					
	<b><u>3" dia</u></b>	Each	3.0	1543.75	4,631	
2	C. Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lb :/ Sq: inch (SMI No. 2 (b) P-12)					
	<b><u>3" dia</u></b>	Each	3.0	4290.0	12,870	
3	Manufacturing installing M.S Pipe 3" & 4" made out M.S sheet 3/16" (4.8 mm thick) i/c cutting folding proper curvature shape i/c welding etc complete (R.A approved Based on Schedule rates)					
	<b><u>3" dia</u></b>	P: Rft:	24.0	385.89	9,261	
4	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene P.E pipes (HDPE-100) for W/S confirming ISO 4427/DIN8074 /8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25)					
	<b><u>(90 mm)</u></b>					
	For suction & delivery	<b><u>3" dia</u></b>	P: Rft:	67.0	178.0	11,926
5	Manufacturing installing M.S Flanged 3/8" (12 mm thick) M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete (R.A approved Based on Schedule rates)					
	<b><u>3" dia</u></b>	Each	36.0	500.89	18,032	
6	C.I Foot valve heavy pattern with cone type gate (Imported) (SMI No. 4 P-12)					
	<b><u>3" dia</u></b>	Each	3.0	731.25	2,194	
7	C.I Bend with flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-12)					
	<b><u>Bend 90 3" dia</u></b>	P: Kg	60.12	120.0	7,214	
8	C.I Tee flanged and with holes i/c turning and facing of flanges for all size (PHSI No. 12 P-13)					
	<b><u>3" dia</u></b>	P: Kg	11.45	120.0	1,374	
9	Supplying of C.I specials for A.C pressure pipe (standard-weight) for ACIL B' class (SMI No: 9 P-15)					
	<b><u>Tail Piece 4" dia</u></b>	Each	1.0	487.50	488	

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
10	C.I Tappers flat bottomed or central taper flanged ends with hole w/c turning & fixing for all sizes (SMI No. 9 P-12)	P: Kg	15.80	120.0	1,890
11	But fusion Joint (PHS Mat: No. 1 P-21)				
	<u>3" dia</u>	Each	36.0	600.0	21,600
12	Joining C.I.M.S Flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PHSI No.1 P-40)				
	<u>3" dia</u>	P: Joint	40.0	499.0	19,960
				<b>TOTAL</b>	<b>111,440</b>

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1	Supplying & installing in position i/c transportation to site of work (2) <b>Village Karam Khan Jamali</b> electric pumping set consisting of A.C electric motor 7.5 BHP 3 Phase 50 cycle 400/420 volts of 1450 RPM made type (ILA7-113-4AA-60) coupled with KSB non- clogging pump type KWPZ (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge 160 gpm against the head of 40 ft: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing automatic start delta starter Type (MCU) i/c providing & fixing prepared board iron (clad) triple pole and neutral switch fuse with requireable type fuse link carrier 500 volts and 0-50 ampers installed on metaled board i/c providing internal electric wiring for main switch with 3-7/0.52 (10 mm) PVC insulated wire 660 volts grade in 25 mm (1") PVC conduit on surface as required i/c providing and fixing earthing with set with 0.6m x 0.6m x 6.3 mm (2 x 2 x 1/2") G.I plate buried in ground at a depth of 3.7 m (12 ft:) for base plate & testing of the pumping set against the required head of 72 hours etc complete (R.A attached).	P: Set	2.0		
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2 Flange Adopter (M.R)


3" dia Each 15.0

TOTAL \_\_\_\_\_

Amount TOTAL      Rs. \_\_\_\_\_  
 TOTAL (B)            Rs. \_\_\_\_\_

Total (B) in words & figures

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG. DIVISION  
 SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

PART-B      DIESEL ENGINE 12 BHP (2 SETS) (TROLLY MOUNTED)


Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1      Supplying & installing in position i/c transportation to site of work  
@ **Village Karam Khan Jamali Diesel Engine 12 BHP** (Golden)  
type (GD-1100) coupled with KSB non-clogging pump type (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge **160 gpm** against the head of **40 ft**; i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation & testing of the pumping set against the required head of 72 hours etc complete (R A attached).

P: Set      2.0

TOTAL \_\_\_\_\_

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD



**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works PROVIDING, LAYING, JOINTING & TESTING P.E PIPE RISING MAIN 6" DIA FOR VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 600,000/-
- (e) Amount of Bid Security 2% Rs. 12,000/-
- ( Fill in lump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage, if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_

( In words & figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
(vi)	<u>Elbow 4:5°</u> <u>6" dia (160 mm)</u>	Each	2.0	2784.0	5,568
(v)	<u>S/ End Piece</u> <u>6" dia (160 mm)</u>	Each	5.0	3386.0	16,930
(vi)	<u>Butt Fus on Joint</u> <u>4" - 6" ( 10-160 mm)</u>	Each	8.0	1000.0	8,000
6	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-77)	P: %0 Cft:	6525.0	2760.00	18,009
				<b>TOTAL</b>	<b>544,813</b>

Total Amount      Rs. 544,813  
**TOTAL (a)**      **Rs. 544,813**

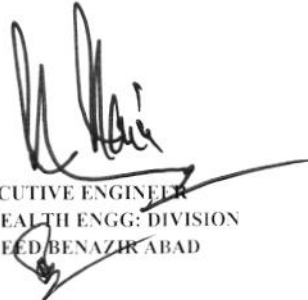
----- % above/ below on the rates of CSR.

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

**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

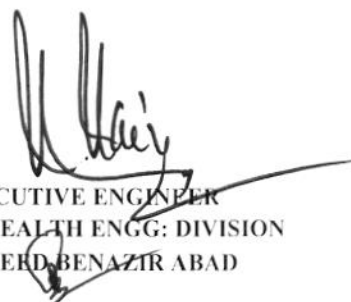
- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works CONSTRUCTION OF OXIDATION POND FOR VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 300,000/-
- (e) Amount of Bid Security 2% Rs. 6,000/-
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Tirne and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_

( In words &amp; figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Depos t No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR


EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Name of Work: CONSTRUCTION OF OXIDATION POND FOR VILLAGE KARAM KHAN JAMALI TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Jungle Clearance & removing with 100 ft: (GSI No. 4 (a) P-95)	P: % Cft:	9600.0	75.63	7,260
2	Excavation for tanks & reservoir in <b>soft soil</b> i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft: and lead upto one chain (PHSI No: 1 P-67)	P: %0 Cft:	5672.96	3000.0	17,019
3	Excavation for tanks & reservoir in <b>wet soil clay or mud</b> i/c trimming and dressing to true alignment design section profile & shape leveling of tanks 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-74)	P: %0 Cft:	5912.96	4800.0	28,382
4	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc complete (CSI No. 13 (b) P-3)	P: %0 Cft:	30044.0	354.0	10,636
5	Extra for every 50 ft: additional lead or part thereof for earth work (soft, ordinary, hard and very hard) (GSI No: 8 (a) P-3)	P: %0 Cft:	18458.08	4837.44	89,290
6	Bailing or pumping out sub soil water during excavation concreting, cost in situ concrete or masonry work in foundation etc (GSI No. 18 P-75)	P: % Cft:	7200.0	543.0	39,096
7	Excavation for pipe line in trenches and pits in soft soil i/c 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:	1008.0	3600.0	3,629
8	Providing RCC pipe of ASTM C-76-62 T/C 76 – 70 Class – II wall – B and fixing in trenches i/c cutting bending and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. b (i) P-17)	<b>12" dia</b> P: Rft:	36.0	412.0	14,832

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
9	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (GSI No. 4 (b) P-15)	P: % Cft:	50.24	9416.28	4,731
10	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:	176.48	337.0	59,474
11	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:	7.09	5001.70	35,465
12	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-53)	P: %0 Cft:	907.20	2760.0	2,504
				<b>TOTAL</b>	<b>312,316</b>

Part-A      Rs. 312,316  
**TOTAL (a)**      **Rs. 312,316**


----- % 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  
SHAHERD BENAZIR ABAD

**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. CONSTRUCITON OF SURFACE DRAINS, PROVIDING, LAYING, JOINTING & TESTING RCC SEWER, SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 7.5 BHP (1 SET) I/C SUCTION & DELIVERY, DIESEL GENERATOR SET 20 KVA, CONSTRUCITON OF OXIDATION POND, PROVIDING AND FIXING PAVING BLOCKS I/C CONSTRUCTION OF FOOT PATHS FOR VILLAGE PUNHAL 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 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 ,
- (b) 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.

- 13.1 Amount of Bid Security. 2% Rs. 310,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
(Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm
- 16.1 Venue Time and date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adopt either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normely period of completion these works is upto 04 Months.
- (b) Price Adjustment contract  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Fianance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHJEEBENAZIR ABAD





## BILL OF QUANTITIES


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

### PART-B RCC SEWER

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	Dismantling and removing road metalling (CSI No. 51 P-13)	P: % Cft:	3000.0	605.0	18,150
2	Excavation for pipe line in trenches and pits in <b>soft soil</b> 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:	3600.0	3600.0	12,960
3	Excavation for pipe line in trenches and pits in <b>wet soil</b> 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).	<b>0'-5' depth</b>	P: %0 Cft:	5400.0	5400.0
4	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:	2472.75	3176.25	7,854
5	Extra for wet earth work (GSI No. 15 P-03)	P: %0 Cft:	1413.0	1058.75	1,496
6	Providing RCC Pipe of ASTM C-76-62 T/C 76-70 Class-II wall-B and fixing in trenches i/c cutting binding and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. 1 P-17)	<b>12" dia</b>	P: Rft:	600.0	412.0
7	Cement concrete plain i/c placing compacting finishing and curing completed i/c screening and washing of stone aggregate without shuttering (CSI No: 5 (f) P-16)	P: % Cft:	176.63	11288.75	19,939
	(i) <b>Ratio 1:4:8</b>	P: % Cft:	120.37	14429.25	17,368
	(ii) <b>Ratio 1:2:4</b>	P: % Cft:	843.69	337.0	284,323
8	RCC work in roof slab beams columns rafts lintels and other structural re members laid in situ or pre-cost laid in position complete in all respect <b>Ratio: 1:2:4</b> (CSI No: 6 (a) P-15).	P: Cft:	843.69	337.0	284,323

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
9	Fabrication of mild steel reinforcement cement concrete i/c cutting bending laying in position making jointing and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No: 8 (a) P-16).	P: Cwt:	33.898	5001.70	169,549
10	Providing C.I Mainhole cover & frame i/c cost of material etc complete (PHSI No: J (i) P-35).	P: Cwt:	21.88	6985.0	152,797
11	Manufacturing and Supplying RCC Manhole covers cost in 1:2:4 concrete ratio 3" deep @ centre reinforced with 1/2" dia steel bar 4" C.C welded to 3/16" thick 2" wide M.S plate two hook of 3/8" for bar i/c compacting i/c curring & transportation with 10 mile (Sant: Sch: item No. 11-31)	Each	12.5	1881.18	23,515
12	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-77)	P: %0 Cft:	8100.0	2760.0	22,356
				<b>TOTAL</b>	<b>1,006,666</b>

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.

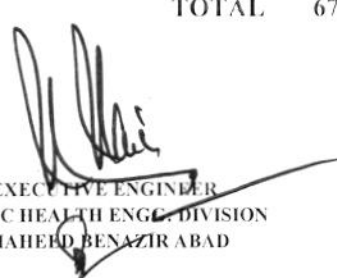
**PART-C**

### PUMPING MACHINERY 7.5 BHP (1 SET)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	C.I Reflex valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs: Sq: inch (SMI No. 6 (b) P-12)	<u>3" dia</u> Each	1.0	1543.75	1,544
2	C.I Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs: Sq: inch (SMI No. 2 (b) P-12)	<u>3" dia</u> Each	1.0	4290.0	4,290
3	Manufacturing installing M.S Pipe 3" & 4" made out M.S sheet 3/16" (4.8 mm thick) i/c cutting folding proper curvature shape i/c welding etc complete (R.A approved Based on Schedule rates)	<u>3" dia</u> P: Rft:	24.0	385.89	9,261
4	Providing, Laying & Fixing in trench i/c fitting, jointing & testing etc complete in all respect the high Density Polyethylene P.E pipes (HDI E-100) for W/S confirming ISO 4427/DIN8074 /8075 B.S 3580 & PSI 3051 (PHSI No. F (i) P-25)	<u>(90 mm)</u> <u>3" dia</u> P: Rft:	67.0	178.0	11,926
5	Manufacturing installing M.S Flanged 3/8" (12 mm thick) M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete (R.A approved Based on Schedule rates)	<u>3" dia</u> Each	28.0	500.89	14,025
6	C.I Foot valve heavy pattern with cone type gate (Imported) (SMI No. 4 P-12)	<u>3" dia</u> Each	1.0	731.25	731
7	C.I Bend with flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-12)	<u>Bend 90 3" dia</u> P: Kg	26.72	120.0	3,206
8	C.I Tee flanged and with holes i/c turning and facing of flanges for all size (PHSI No. 12 P-13)	<u>3" dia</u> P: Kg	11.45	120.0	1,374
9	Supplying of C.I specials for A.C pressure pipe (standard-weight) for ACIL 'B' class (SMI No: 9 P-15)	<u>Tail piece 4" dia</u> Each	1.0	487.50	488

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
10	C.I Tappers flat bottomed or central taper flanged ends with hole i/c turning & fixing for all sizes (SMI No. 9 P-12)	P: Kg	10.50	120.0	1,260
11	But fusion Joint (PHS Mat: No. 1 P-21)				
	<u>3" dia</u>	Each	15.0	600.0	9,000
12	Jointing C.I.M.S Flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PHS I No.1 P-40)				
	<u>3" dia</u>	P: Joint	20.0	499.0	9,980
				<b>TOTAL</b>	<b>67,085</b>

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGR. DIVISION  
 SHAHEED BENAZIR ABAD

**BILL OF QUANTITIES**

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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Supplying & installing in position i/c transportation to site of work @ Village Punhal Khan Chandio electric pumping set consisting of A.C electric motor 7.5 BHP 3 Phase 50 cycle 400/420 volts of 1450 RPM made type (ILA7-113-4AA-60) coupled with KSB non-clogging pump type KWPZ (65-315) size 3" x 2 1/2" mounted on common steel frame or base plate capable of discharge 95 gpm against the head of 40 ft: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8) with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing automatic start delta starter Type (MCU) i/c providing & fixing prepared board iron (clad) triple pole and neutral switch fuse with requireable type fuse link carrier 500 volts and 0-50 ampars installed on metaled board i/c providing internal electric wiring for main switch with 3-7/0.52 (10m n) PVC insulated wire 660 volts grade in 25 mm (1") PVC conduit on surface as required i/c providing and fixing earthing with set with 0.6m x 0.6m x 6.3 mm (2 x 2 x 1/2") G.I plate buried in ground at a depth of 3.7 m (12 ft): for base plate & testing of the pumping set against the required head of 72 hours etc complete (R.A attached).

P:Set 1.0

2 Flange Adopter (M.R)

3" dia Each 15.0

TOTAL \_\_\_\_\_

Amount TOTAL Rs. \_\_\_\_\_  
 TOTAL (B) Rs. \_\_\_\_\_

Total (B) in words & figures

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHEED BENAZRABAD

## BILL OF QUANTITIES

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

PART-D      DIESEL GENERATOR 20 KVA (1 SET)

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1	Providing & laying (MAIN or SUB MAIN) PVC insulated & PVC sheathed with 4core Armoured copper conductor 600/1000 volts size 70mm <sup>2</sup> (with 4core Armoured Copper conductor 660/ 1000 volts (SML (E) No. 4 P-149)	P: Mtr:	25.0	2435.0	60,875
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TOTAL      60,875

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHERD BENAZIR ABAD

## BILL OF QUANTITIES

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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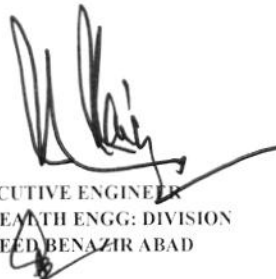
1	Supplying Diesel Generator Set with perkin engine & output <b>20</b> <b>KVA</b> (Standby) 380/200 volts 3 phase 50 Hz 1500 RPM (with started batteries, exhaust, silencer control pannel etc complete (R.A attached).	P:Set	1.0		
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TOTAL \_\_\_\_\_

Amount TOTAL      Rs. \_\_\_\_\_  
TOTAL (B)            Rs. \_\_\_\_\_

Total (B) in words & figures

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG. DIVISION  
SHAHEED BENA ZIR ABAD

**BILL OF QUANTITIES**

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

**PART-E**      **OXIDATION PONDS I/C SUMP WELL (SIZE 55' x 30')**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Excavation for tanks & reservoir in <b>soft soil</b> i/c trimming and dressing to true alignment & shape leveling of beds of trenches to correct level & grade cutting joints holes disposal surplus earth within one chain as directed by Engineer Incharge providing fence guards lights flags temporary crossing for non vehicular traffic where ever required lift upto 5'ft and lead upto one chain (PHSI No: 1 P-67)	P: %0 Cft:	8156.96	3000.0	24,471
2	Excavation for tanks & reservoir in <b>wet soil clay or mud</b> i/c trimming and dressing to true alignment design section profile & shape leveling of tanks 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-74)	P: %0 Cft:	4264.46	4800.0	20,469
3	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc complete (CSI No. 13 (b) P-3)	P: %0 Cft:	61309.0	354.0	21,703
4	Extra for every 50 ft: additional lead or part thereof for earth work (soft ordinary hard and very hard) (CSI No. 8 (a) P-3)	P: %0 Cft:	48887.58	4837.44	236,491
5	Excavation for pipe line in trenches and pits in soft soil i/c 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:	1512.0	3600.0	5,443
6	Providing RCC pipe of ASTM C-76-62 T/C 76 – 70 Class – II wall – B and fixing in trenches i/c cutting bending and jointing with rubber rings i/c testing with water to specified pressure (PHSI No. b (i) P-17)	<b>12" dia</b> P: Rft:	144.0	412.0	59,328



Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
7	Cement concrete brick or stone ballast 1 ½" to 2" gauge <b>Ratio 1:4:8</b> (GSI No. 4 (b) P-15)	P: % Cft:	50.24	9416.28	4,731
8	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 ¼" gauge (GSI No. 6 (b) P-17)	P: Cft:	176.48	337.0	59,472
9	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:	7.09	5001.70	35,465
10	Refilling the excavated stuff in 6" thick layers watering ramming to full compaction etc complete (PHSI No: 24 P-53)	P: %0 Cft:	1360.80	2760.0	3,756
				<b>TOTAL</b>	<b>471,329</b>

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-F PAVING BLOCK**

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount
1	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city/ quddra/ cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner/ pattern and design etc complete (CSI No. 71 P-49)	P: Sft:	14657.5	223.97	3,282,840
2	Providing & fixing cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city/ quddra/ cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner/ pattern and design etc complete (CSI No. 71 P-49)	P: Sft:	7892.5	248.17	1,958,682
3	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without suttering (GSI No. 5 P-16)  for sides Packing for Paved Blocks  (a) <u>Ratio (1:4:8)</u>  (b) <u>Ratio (1:2:4)</u>	P: % Cft:  P: % Cft:	100.0  100.0	11288.75  14429.25	11,289  14,429
4	Erection and removal of centering for RCC or plain C.C Work of deodar Wood 2nd class (Vertical) (GSI No. 19 (ii) P-18)	P: % Sft:	100.0	3127.41	3,127
				<b>TOTAL</b>	<b>5,270,367</b>

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

**Bid No: (19)**

## **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 PANHWAR MUHALLA OF VILLAGE NOOR BHOORA 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 ,  
(b) 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.

- 13.1 Amount of Bid Security. 2% Rs. 100,000/-  
(Fill in lump sum amount or in %age of bit amount/ Estimated cost, but not below 1% and not exceeding 5% )
- 14.1 Period of Bid Validity (90 days)  
(Fill in number of days not exceeding 90)
- 14.4 No: of copies of the Bid to be submitted . One Original Plus Copies
- 14.6 Procuring Agency's Address for the purpose of bid submission. Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad  
( Insert postal Address of location of Bid Box for delivery by hand)
- 15.1 Dead line for submission of Bids On 12.11.2015, Time 01.00 pm  
On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- 16.4 Responsiveness of Bids.
- (i) Bid is valid till required period.
  - (ii) Bid prices are firm during currency of contract / price adjustment.
  - (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." Procuring Agency can adpot either of two options (Select either of them )
- (a) Fixed Price Contract.  
In these contract no escalation will be provided during currency of the contract and normely period of completion these works is upto 04 Months.
- (b) Price Adjustment contract  
In the contracts no escalation will be paid only on those items and in the manner as notified by the Fianance Department , Government of Sindh ,after bid opening during currency of the the contract.

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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


Name of Work      CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN PANHWAR  
MUHALLA OF VILLAGE NOOR BHOORA TALUKA SAKRAND DISTRICT SHAHEED  
BENAZIR ABAD

PART A      SURFACE DRAINS TYPE-I & II

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: % Cft:	10587.50	3176.25	33,629
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1847.25	11288.75	208,531
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No. 5 (e) P-21)	P: % Cft:	5568.75	11288.75	628,642
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 (i) P-58)				
	<b>Type-I</b>	P: Rft:	1800.0	94.0	169,200
	<b>Type-II</b>	P: Rft:	900.0	174.0	156,600
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 11 (b) P-52)	P: % Sft:	10143.0	2283.93	231,659
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 P-49)	P: Cft:	204.86	337.0	69,038
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:	8.231	5001.70	41,169

**TOTAL**      1,538,468

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 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:	47250.0	2117.50	100,052
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	47250.0	354.0	16,727
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (CSI No. 5 P-15)	P: % Cft:	7128.0	9416.28	671,192
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:	5400.0	14429.25	779,180
5	Earth from outside (Lead 3 Miles)	P: % Cft:	47250.0	579.41	273,771
				<b>TOTAL</b>	<b>1,840,922</b>

Par-A	Rs. 1,538,468
Par -B	Rs. 1,840,922
<b>TOTAL (a)</b>	<b>Rs. 3,379,390</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

**Bid No: (20)**

## **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 MAHAR MUHALLA OF VILLAGE NOOR BHOORA  
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 Phone/ Fax No. 0244.9370051  
Tele/ Fax)
- (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 Phone/ Fax No. 0244.9370051  
Tele/ Fax)
- 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 ,
- (b) 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.

## 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 MAHAR MUHALLA OF VILLAGE NOOR BHOORA TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

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

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 wa ering ramming lead up to one chain and lift up to 5' (GSI No. 18 P-04)	P: %0 Cft:	10587.38	3176.25	33,628
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	1847.25	11288.75	208,531
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	5568.75	11288.75	628,642
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:	1800.0	94.0	169,200
	<b>Type-II</b>	P: Rft:	900.0	174.0	156,600
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 11 (b) P-52)	P: % Sft:	10143.0	2283.93	231,659
6	R.C.C work in roof slab beams columns rafts lintels and other structural members laid in situ or pprecast 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:	204.86	337.0	69,038
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:	8.231	5001.70	41,169

**TOTAL** 1,538,468

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENG. DIVISION  
SHAHEED BENAZIR ABAD



**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)


- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING FOR RURAL DRAINAGE SCHEME CHANNESAR (KHAN/ KABIR) ZARDARI TALUKA NAWABSHAH
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 1,000,000/-
- (e) Amount of Bid Security 2% Rs. 20,000/-
- ( Fill in lump sum amount or in %age of Bid amount / estimated cost, but not exceeding 5% )
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_

( In words &amp; figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR
  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

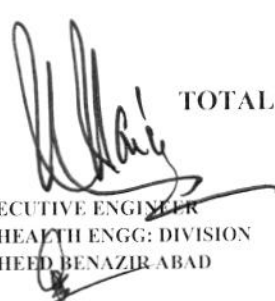
Name of Work **CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING FOR RURAL DRAINAGE SCHEME CHANNESAR (KHAN/ KABIR) ZARDARI TALUKA NAWABSHAH DISTRICT SHAHEED BENAZIR ABAD**

**PART-A SURFACE DRIANS TYPE-I & II**

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: % Cft:	2673.50	3176.25	8.492	
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)	<b>Ratio 1:4:8</b>	P: % Cft:	285.50	11288.75	32.229
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	1106.25	12674.36	140.210	
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 (i) P-58)	<b>Type-I</b>	P: Rft:	100.0	94.0	9.400
		<b>Type-II</b>	P: Rft:	300.0	174.0	52.200
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 11 (b) P-52)	P: % Sft:	1875.0	2283.93	42.824	
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 P-49)	P: Cft:	183.0	337.0	61,671	
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:	7.353	5001.70	36.776	

**TOTAL 383,802**

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 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:	12250.0	2117.50	25,939
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6' layers levelling and dressing watering for compaction etc completed (CSI No. 13 (b) P-3)	P: %0 Cft:	12250.0	354.0	4,337
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge Ratio 1:4:8 (CSI No. 5 P-15)	P: % Cft:	1848.0	9416.28	174,013
4	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering Ratio 1:2:4 (CSI No. 5 P-16)	P: % Cft:	1400.0	14429.25	202,010
5	Earth from outside (Lead 3 Miles)	P: % Cft:	12250.0	579.41	70,978
				<b>TOTAL</b>	<b>477,276</b>

Par -A	Rs. 383,802
Par -B	Rs. 477,276
<b>TOTAL (a)</b>	<b>Rs. 861,078</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  
SHAHFED BENAZIR ABAD

**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 10 BHP I/C SUCTION & DELIVERY FOR RURAL WATER SUPPLY SCHEME BHALAY DINO DAHRI TALUKA DAUR
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 650,000/-
- (e) Amount of Bid Security 2% Rs. 13,000/-
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commencement : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_


( In words & figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Name of Work      SUPPLYING, INSTALLING & TESTING PUMPING MACHINERY 10 BHP I/C SUCTION & DELIVERY FOR RURAL WATER SUPPLY SCHEME BHALAY DINO DAHRI TALUKA DAUR DISTRICT SHAHEED BENAZIR ABAD

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
1	C.I R: flex valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 6 (b) P-12)	<b>4" dia</b> Each	2.0	1706.25	3,413
2	C.I Sluice valve heavy pattern (Test pressure) 21 kg per sq: or 300 Lbs:/ Sq: inch (SMI No. 2 (b) P-12)	<b>4" dia</b> Each	2.0	5460.0	10,920
3	Manufacturing installing M.S Pipe made out M.S sheet 3/16" (4.8 mm thick) i/c cutting folding proper curvature shape i/c welding etc comp etc (R.A approved) Based on Schedule rates	<b>4" dia</b> P: Rft:	20.0	506.60	10,132
4	Manufacturing installing M.S Flanged 3/8" (12 mm thick) M.S sheet of required size drilling holes i/c cutting bending to correct shape welding etc complete (R.A approved Based on Schedule rates)	<b>4" dia</b> Each	14.0	804.77	11,267
5	C.I Foot valve heavy pattern with cone type gate (Imported) (SMI No. 4 P-12)	<b>4" dia</b> Each	2.0	893.75	1,788
6	C.I Bend with flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 8 P-12)	<b>Bend 90 4" dia</b> P: Cwt:	0.804	6096.0	4,899
7	C.I Tee flanged and with holes i/c turning and facing of flanges for all sizes (PHSI No. 12 P-13)	<b>3" dia</b> P: Cwt:	0.250	6096.0	1,524
8	Supplying of C.I specials for A.C pressure pipe (standard-weight) for A.C.I.L 'B' class (SMI No: 9 P-15)	<b>Tail Piece 4" dia</b> Each	1.0	487.50	488
9	C.I Tappers flat bottomed or central taper flanged ends with hole i/c turning & fixing for all sizes (SMI No. 9 P-12)	P: Cwt:	1.05	6096.0	6,401

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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11 Jointing C.I.M.S Flanged pipe and specials flanged and inside a trenches nuts and bolts with washer etc and other is required for joining and testing joints to the specified pressure etc complete (PHSI No.1 P-40)

4" dia	P: Joint	12.0	513.0	6,156
<b>TOTAL</b>				<b>56,986</b>


Amount Part-A Rs. 56,986  
**TOTAL (A) Rs. 56,986**

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

Amount to be added/ deducted on the basis of  
of premium quoted Total (b) \_\_\_\_\_

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

CONTRACTOR

  
EXECUTIVE ENGINEER  
PUBLIC HEALTH ENGG: DIVISION  
SHAHEED BENAZIR ABAD

## BILL OF QUANTITIES

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

Item No.	Description of item to be executed at site	Unit	Quantity	Rate	Amount in Rupees
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1	<p>Supplying &amp; installing in position i/c transportation to site of work  <b>Village Bhalay Dino Dahri</b> electric pumping set consisting of A.C electric motor <b>10 BHP</b> 3 Phase 50 cycle 400/420 volts of 1450 RPM made type <b>(ILA7-131-2AA-60)</b> coupled with KSB non-clogging pump type ETA <b>(50-160)</b> size <b>2" x 2 1/2"</b> mounted on common steel frame or base plate capable of discharge <b>110 gpm</b> against the head of <b>110 ft</b>: i/c installing of pumping set on cement concrete foundation Ratio (1:2:4) and C.C Ratio (1:4:8 with ballast with M.S nuts and bolts of 5/8" dia to be embedded in C.C foundation i/c providing and fixing automatic start delta starter Type (MCU) i/c providing &amp; fixing prepared board iron (clad) triple pole and neutral switch fuse with requireable type fuse link carrier 500 volts and 0-50 ampars installed on metaled board i/c providing internal electric wiring for main switch with 3-7/0.52 (10mm) PVC insulated wire 660 volts grade in 25 mm (1") PVC conduit on surface as required i/c providing and fixing earthing with set with 0.6m x 0.6m x 6.3 mm (2 x 2 x 1/2") GI plate buried in ground at a depth of 3.7 m (12 ft:) for base plate &amp; testing of the pumping set against the required head of 72 hours etc complete (R.A attached).</p>	P: Set	2.0		
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TOTAL

Amount TOTAL      Rs. \_\_\_\_\_  
 TOTAL (B)            Rs. \_\_\_\_\_

Total (3) in words & figures

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG. DIVISION  
 SHAHEED BENAZIR ABAD

**BIDDING DATA**

(This Section Should be filled in by the Engineer / Procuring Agency before issuance of the Bidding Documents)

- (a) Name of Procuring Agency : PUBLIC HEALTH ENGG: DIVISION SHAHEED BENAZIR ABAD
- (b) Brief Description of works CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN RAWAL & GUJAR MUHALLAS FOR RURAL DRAINAGE SCHEME BARI GOTH TALUKA SAKRAND
- (c) Procuring Agency,s Address Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (d) Estimated Cost Rs. 1,500,000/-
- (e) Amount of Bid Security 2% Rs. 30,000/-
- (f) Period of Bid Validity ( 60 days) 60 days
- (g) Security Deposit i/c ( Bid Security). 8% of Bill Amount
- (h) Percentage , if any, to be deducted from bills. Income Tax (7.5%)
- (i) Deadline for for submission of Bids alongwith time On 12.11.2015, Time 1.00 pm
- (j) Venue, Time and Date of Bid Opening On 12.11.2015, Time 02:00 pm Office of the Executive Engineer Public Health Engg: Division Jam Sahib Road Shaheed Benazir Abad
- (k) Time for completion from written order of commence : (06) Month
- (l) Liquidity Damages :- (0.05% of Estimated cost of Bid cost per day of delay, but total not exceeding 10%)
- (m) Name of Contractor / Agency \_\_\_\_\_
- (n) Deposit Receipt No./Agency \_\_\_\_\_

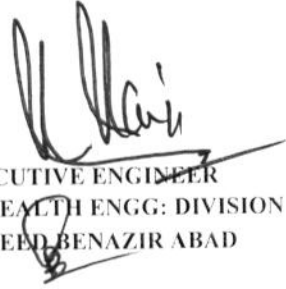
( In words &amp; figers)

DR.No. \_\_\_\_\_ Rs. \_\_\_\_\_ Date. \_\_\_\_\_

Call Deposit No. \_\_\_\_\_ Dated \_\_\_\_\_

of the \_\_\_\_\_ amounting to Rs. \_\_\_\_\_

CONTRACTOR

  
 EXECUTIVE ENGINEER  
 PUBLIC HEALTH ENGG: DIVISION  
 SHAHEED BENAZIR ABAD



## BILL OF QUANTITIES

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


Name of Work CONSTRUCTION OF SURFACE DRAINS TYPE-I & II I/C C.C TOPPING IN RAWAL & GUJAR MUHALLAS FOR RURAL DRAINAGE SCHEME BARI GOTH TALUKA SAKRAND DISTRICT SHAHEED BENAZIR ABAD

PART-A SURFACE DRIANS TYPE-I & II

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:	4367.50	3176.25	13,872
2	Cement concrete plain i/c placing compacting finishing and curing complete i/c screening and washing of stone aggregate without shuttering (GSI No. 5 (i) P-16)				
	<b>Ratio 1:4:8</b>	P: % Cft:	527.50	11288.75	59,548
3	Pacca brick work in foundation and plinth in cement, sand, mortar (1:6) (GSI No 5 (e) P-21)	P: % Cft:	1931.25	12674.36	244,774
4	Construction of Standard open drains bundle block of cement concret (1:2:4) n 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:	500.0	94.0	47,000
	<b>Type-II</b>	P: Rft:	300.0	174.0	52,200
5	Cement Plaster (1:4) 1/2" thick up to 12' height (GSI No. 11 (b) P-52)	P: % Sft:	3375.0	2283.93	77,083
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 P-49)	P: Cft:	183.0	337.0	61,671
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:	7.353	5001.70	36,776

**TOTAL** 592,924

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 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:	12250.0	2117.50	25,939
2	Earth work compaction (Soft, ordinary and hard soil) (b) Laying earth in 6" layers levelling and dressing watering for compaction etc complete (CSI No. 13 (b) P-3)	P: %0 Cft:	12250.0	354.0	4,337
3	Cement concrete brick or stone ballast 1 1/2" to 2" gauge <b>Ratio 1:4:8</b> (CSI No. 5 P-15)	P: % Cft:	1848.0	9416.28	174,013
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:	1400.0	14429.25	202,010
5	Earth from outside (Lead 3 Miles)	P: % Cft:	12250.0	579.41	70,978
				<b>TOTAL</b>	<b>477,276</b>

Par -A	Rs. 592,924
Par:-B	Rs. 477,276
<b>TOTAL (a)</b>	<b>Rs. 1,070,200</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