



OFFICE OF THE EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION GHOTKI @ MIRPUR MATHELO

No: TC/G-148/ **717** of 2017.
M.Mathelo dt: 05 / 05 / 2017.

Email address xenphedmirpurmathelo@yahoo.com

"SAY NO TO CORRUPTION"

INVITATION FOR BIDS

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

Sr. No.	Name of Work	Estimate Cost (In Million)	Earnest Money (In Million)	Tender Fee (In Rupees) (Non refundable)	Time Period (In Months)
OPERATION & MAINTENANCE SCHEMES 2016-17.					
01	Repair of Surface Drains pumping Machinery, silt clearance, Repair of compound wall, and Repair of pump House for Rural Drainage Scheme Khanpur Mahar	0.910	0.0455	2000/00	02 Months
02	Repair of Surface drains, pumping Machinery, silt clearance, Repair of Compound wall and repair of pump House for Rural Drainage Scheme Khan Garah	0.950	0.0475	2000/00	02 Months
03	Repair of Pumping Machinery, Inter connection, for Rural W/S/S Jarwar	0.380	0.019	2000/00	02 Months
04	Repair of Pumping Machinery, silt clearance for Rural Drainage Scheme Wango.	0.200	0.010	2000/00	02 Months
05	Repair of Pumping Machinery, RCC Manhole, F.C Rising main and silt clearance for Rural Drainage Scheme Garhi chakar.	0.560	0.023	2000/00	02 Months
06	Repair of Surface drains, silt clearance, and Pumping Machinery for Rural Drainage Scheme Hayat Pitafee.	0.400	0.020	2000/00	02 Months
07	Repair of S/Drains, Disposal work, approach path & silt clearance for Rural Drainage Scheme Old Garhi.	0.400	0.020	2000/00	02 Months
08	Repair of Pumping Machinery, silt clearance, and repair of U PVC Rising main & Construction of road crossing for Rural Drainage scheme Raharki	0.115	0.00575	2000/00	02 Months
09	Repair of Rural Water Supply Scheme Lohi	0.800	0.0400	2000/00	02 Months
10	Repair of Rural Water Supply Scheme Khan Pur Mahar	0.980	0.049	2000/00	02 Months

02. The bidding documents can be had from the office of the under signed during office Hours on any working day from the date of publication upto **23.05.2017** on the payment of the tender fee not refundable, specified against each work.

03. The tenders will be received back on **24.05.2017** up to **01:00PM** and open on the same day at **02:00PM**.

4. If the work remains un-responded, the Bid Documents will be issued up to **08-06.2017 @ 1:00 PM** and will be received back on **09-06-2017** up to **02:00 PM** and opened immediately after receiving time in-front of above Persons in Para-3.

SPPRA INWARD DIARY
NO: **220**
DATED: **09-05-17**

5. TERMS & CONDITIONS

- i) Documentary evidence of works of same nature (PHED related works) of equivalent cost or above, executed during last three years, along with certificate of satisfactory completion showing date of start and completion from employer.
 - ii) List of works and copy of Letter of Award/Work Order of equivalent cost or above.
 - iii) List of machinery and equipment available with documentary proof of its ownership.
 - iv) Registration with Income Tax Department (NTN copy), Sindh Revenue Board (Sales Tax Registration) and copy of CNIC.
 - v) Undertaking on stamp paper that Firm is not involved in any litigation, Departmental rift, has abandoned or made unnecessary delay in completion of any work in the Government Departments.
 - vi) The application shall accompany along with tender fee (Non Refundable) as shown against the work for purchase of bidding documents.
 - vii) The 5% earnest money shall be submitted in the shape of Call Deposit issued from scheduled bank at the time of submission of bidding document in favour of undersigned.
 - viii) Certificate of Bank showing credit worthiness along with last three years audited Bank Statement.
 - ix) Affidavit to the effect that Firm has not been black-listed previously by any Executing Agency.
 - x) Affidavit to the effect that all documents/particulars/ information furnished are true and correct.
 - xi) Conditional tenders will not be entertained.
 - xii) Registration with Pakistan Engineering Council, in category C6 and above, duly renewed for year 2016, with field of specialization CE 09.
 - xiii) The condition shown at serial No: 12 will not be applicable in case of works costing below Rs. 4.000(M).
 - xiv) If Firm / Partner involved in partnership deed, then complete details/instructions and power of attorney will be submitted on affidavit by the proprietor.
 - xv) Financial turn over for last 03 years being average not less than thrice the cost of work under procurement.
 - xvi) License from Electrical Inspector for Electric / Diesel Engine Generating Sets / Pumping Machinery.
 - xvii) Current Bank Statement confirming cash availability / credit facility equivalent to 40% of cost of work under procurement.
 - xviii) Provide information of Technical Staff working with firm.
6. Procuring agency reserves the right to accept or reject any bid and to annul the bidding process and reject all bids at any time prior to award of contract as per provision of (SPP rules 25).

Note: This N.I T along with bid documents can be seen / down loaded from SPPRA Website at www.ppra.sindh.gov.pk

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

C.C for Information to:-

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




EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO



GOVERNMENT OF SINDH
PUBLIC HEALTH ENGINEERING AND
RURAL DEVELOPMENT DEPARTMENT

Karachi dated the 27th January, 2017.

NOTIFICATION

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

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

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



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



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



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



20.	Larkana-II	<p>Executive Engineer, Public Health Engineering Division, Larkana-II</p> <p>Executive Engineer, Building Provincial Division, Larkana</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
21.	Dadu	<p>Executive Engineer, Public Health Engineering Division, Dadu</p> <p>Executive Engineer, Highway Division, Dadu</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
22.	Jacobabad	<p>Executive Engineer, Public Health Engineering Division, Jacobabad</p> <p>Executive Engineer, Highway Division, Jacobabad</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>
23.	Kamber Shahdadt Kamber @	<p>Executive Engineer, Public Health Engineering Division Kamber Shahdadt @ Kamber</p> <p>Executive Engineer, Education Works Division, Kamber Shahdadt @ Kamber</p> <p>Section Officer (Tech.) PHE, Public Health Engineering & Rural Development Department</p>	<p>Chairman</p> <p>Member</p> <p>Member</p>



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

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

Terms of reference of the Committees:-

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

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

TAMEEZUDDIN KHERO
SECRETARY TO GOVERNMENT OF SINDH

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

CC to:-

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


(MOHAMMAD BUX JARWAR)
SECTION OFFICER (TECH.)



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

Ph:07-9310448
 Fax 071-9310447

Email:cephedsukkur@gmail.com

OFFICE ORDER.

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

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

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

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

CC. to the

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

Superintending Engineer, Public Health Engineering Circle Sukkur for information.


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

Executive Engineer, Education Works Division Ghotki for information.

Divisional Accounts Officer. Roads Division Ghotki for information.

ANNUAL DEVELOPMENT PROGRAMME OF TOWN COMMITTEE UBAURO.2016-17).

S.NO.	Description of Procurement	Quality where applicable	Estimated unit cost where applicable.	Estimated total cost in Million.	Funds allocation in Million Rs.	Release of funds by the FD.	Source of funds ADP/No n ADP'	Proposed procureme e method.
01	Repair of Surface Drains pumping Machinery, silt clearance, Repair of compound wall, and Repair of pump House for Rural Drainage Scheme Khanpur Mahar .	0.910	0.910	0.910	0.910	0.910	M/R schemes	4 th Quarter
2	Repair of Surface drains, pumping Machinery, silt clearance, Repair of Compound wall and repair of pump House for Rural Drainage Scheme Khan Garah	0.950	0.950	0.950	0.950	0.950		4 th Quarter
3	Repair of Pumping Machinery, Inter connection, for Rural W/S/S Jarwar	0.380	0.380	0.380	0.380	0.380		4 th Quarter
4	Repair of Pumping Machinery, silt clearance for Rural Drainage Scheme Wango.	0.200	0.200	0.200	0.200	0.200		4 th Quarter
5	Repair of Pumping Machinery, RCC Manhole, F.C Rising main and silt clearance for Rural Drainage Scheme Garhi chakar.	0.560	0.560	0.560	0.560	0.560		4 th Quarter
6	Repair of Surface drains, silt clearance, and Pumping Machinery for Rural Drainage Scheme Hayat Pitafec.	0.400	0.400	0.400	0.400	0.400		4 th Quarter
7	Repair of S/Drains, Disposal work, approach path & silt clearance for Rural Drainage Scheme Old Garhi.	0.400	0.400	0.400	0.400	0.400		4 th Quarter
8	Repair of Pumping Machinery , silt clearance, and repair of U PVC Rising main & Construction of road crossing for Rural Drainage scheme Raharki	0.115	0.115	0.115	0.115	0.115		4 th Quarter
9	Repair of Rural Water Supply Scheme Lohi	0.800	0.800	0.800	0.800	0.800		4 th Quarter
10	Repair of Rural Water Supply Scheme Khan Pur Mahar	0.980	0.980	0.980	0.980	0.980		4 th Quarter


 EXECUTIVE ENGINEER
 PUBLIC HEALTH ENGG.. DIVISION GHOTKI
 MIRPUR MATHELO.

SCHEDULE 'B'

Name of Work:- REPAIR OF RURAL WATER SUPPLY SCHEME KHANPUR MAHAR.

Head of Account. MAINTENANCE AND REPAIR 2016-17.

S. No.	Item of work.	Qty	Rate	Unit	Amount
	REPAIR OF PUMP HOUSE				
1	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same (CSINO. 20 P.No. 10).	99.25	5445/00	P.%cft	5503/00
2	Cement concrete brick or stone ballast 1:1 ½-2" guage (CSINo 4 P.no. 17).	47.45	9416/28	P.%cft	4468/00
3	Pacca brick work in ground floor in cement sand mortor 1:6 (CSINO.5 P.21).	38.25	12674/36	P.%cft	4848/00
4	RCC work roof slab beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect 1:2;4 CSI No. 6 P.No.16).	117.36	337/00	P.cft	3950/00
5	Fabrication of Mud steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	4.71	5001/70	P.cwt	23558/00
7	Providing & laying 1"thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (CSINO. 18 P.No. 41) 3"thick	128.25	3275/75	P.%sft	4201/00
8	Cement plaster 1:4 & ½" thick upto 12' height (CSINO.11 P.No.52).	973.25	2283/93	P.%sft	22228/00
9	White washing three coats (CSINO.26 P.No. 54).	140.00	829/95	P.%sft	1162/00
12	White washing one coat	973.25	416/63	P.%sft	4055/00
13	Colour washing two coats (CSINO. 25 P.54).	973.25	859/90	P.%sft	8369/00
			Total		117942/00

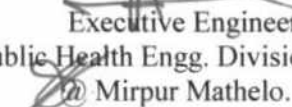
S.No.	Item of work	Qty	Rate	Unit	Amount.
	TUBE WELL.				
1	Boring of tube well in all water bearing soil from ground level upto 100' or 30.50m depth i/c sinking and water watering and casing pipe (PHSINO. 1 P.No. 41).	80.00	743/00	P.rft.	59440/00
2	Providing strong substantially built wooden locked with compartment for preserving 2 lbs (1kg) samples starts (PHSINO. 1 P.No. 43).	1	3530/00	Each	3530/00

3	Taking and preserving inbox 2 lbs (1kg) sample of starta from boar holes etc (PHSINO. 1 P.No. 43).	4	101/00	P.sample	404/00
4	Taking samples of water from bore holes and place in two separate bottles (PHSINO. 1 P.No. 43).	4	131/00	“	524/00
5	Supplying and installing PVC blind pipe ‘B’ class of approved design quality and make i/c necessary socket etc complete (PHSINO. 12 P.No. 44).	39 39	516/80	P.rft	20357/00
6	Supplying and installing PVC strainer pipe ‘b’ class of approved design quality i/c necessary socket etc complete (PHSINO.19 P.43	30.39	554/05	P.rft	21824/00
7	Supplying and fixing M.S Ball plug (PHSINO.8 P.No. 43).	1	2607/00	EACH	2607/00
8	Strouding with Granded baji (3/8” to 1/8”) or 9 to 3mm in between bore an plind pipe of following diameters of strainer (PHSINO. 13 P.No. 45).upplying with	80.00	105/00	p.RFT	8400/00
9	Supplying & installing PVC end plug (PHSINO> 1 P.28).	1 No.	1000/00	Each	1000/00
10	Development of tube wells PHSINO. 8 P.No. 43).	80.00	200/00	P.rft	16000/00
				Total	134086/00
	Pumping machinery				
1	Supplying installing in position i/c transporation at site of work electric pumping set consisting A.C Electric Motor (SIEMENS Made) 10 BHP. Market Rate	2 sets	296000	P.set	592000/00
2	Providing laying and fixing in trenches i/c fitting jointing and testing etc complete in all respect csi	48.00	178/00	P.rft	8544/00

	No.1 P.No. 25).				
3	CiBend with flanges with holes i/c turning and fixing flange for all sizes PHSINO. 8 P.No 11).	0.53	6096/00	P.wt	3200/00
4	CI taper flot bottomed or central tapered flanged end with holes in turning and fixing flanged for all sizes (PHSINO. 7 P.11).	0.21	696/00	P.cwt	1280/00
4	Flanged adopter	8.00	675/00	Each	5400/00
5	G.I.Pipe 3" dia	8.0	304/02	Each	2432/00
6	C.I Tail piece (PHSI No. 4 P.12).	1.05	6096/00	P.wt	6401/00
6	But fusion joint	8	600/00	Each	4800/00
7	C.I Sluice valve heavy pattern test pressure 21 PHSINO. 16 P.11).	1	4290/00	Each	4290/00
8	Reflex valve heavy pattern test pressure 21 kg PHSINO> 16 P.No.11).	1	1543/75	Each	1544/00
9	C.I. foot valve heavy pattern PHSINO> 4 P.No. 10)	1 No	731/25	Each	731/00
10	Jointing C.I./M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specified pressure etc complete (PHSIno. 1 P.No. 40.).	14	499/00	Each	6986/00
				Total.	625864/00
	RISING MAIN				
1	Excavation for pipe line in trenches and pits in soft soil ic trimming and dressing sides to thru alignment and shape leveling of beds to correct and level and grade cutting joint holes & disposal of surplus earth within onoe chain as directed by engineer incharge providing ence guard light flanges and temporaory crossing for nono vehicular traffic wherever required lift upto 5ft (1.52 m) and lead upto oneo chain (30.5) m PHSI No.1 P.No> 60).	900.00	3600/00	P.%ocft	3780/00
2	Providing upvc pipe CLASS B' (EQUVALENT MAKE FIXING IN TRENCHES CUTTING FITTING AND JOINTING WITH z JOINT WITH ONE RUBBER RING I/C TESTING WITH WATER TO HEAD 61 METER OF 200 FT. (phsino. 1 p.No.	100.00	402/00	P.rft.	40200/00

	20).				
3	Tee 8x4	1 No.	3375/00	Each	3375/00
4	Jibault joint	1 No.	1381/25	Each	1381/00
5	Making joint to C.I specials fitting i/c laying of specials and cost of solvent cement of required dia meter and testing the joints along with PVC pipe line B,C & D class to the specified pressure and making good to all leaky joints etc complete GSINO. I P. 41).	2 Joint	72/00	Each	144/00
6	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHSINO. 24 P.53).	1166.67	2760/00	P.%ocft	3220/00
				Total.	52100/00

Contractor.


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

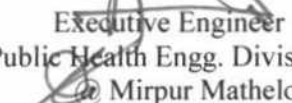
ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pump House	117942/00	--	117942/00
02	Tube well.	134086/00	--	134086/00
03	Repair of Machinery	33864/00	592000/00	625864/00
04	Repair of Rising main	52100/00	--	52100/00
	Total.	337992/00	592000/00	929992/00

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- REPAIR OF RURAL WATER SUPPLY SCHEME LOHI.

Head of Account. MAINTENANCE AND REPAIR 2016-17

S.No.	Item of work.	Qty	Rate	Unit	Amount
	REPAIR OF PUMP HOUSE				
1	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same (CSINO> 20 P.No. 10).	88.52	5445/00	P.%cft	4908/00
2	Cement concrete brick or stone ballast 1:1 ½-2" guage (CSINO 4 P.no. 17).	40.42	9416/28	P.%cft	3216/00
3	Pacca brick work in ground floor in cement sand mortar 1:6 (CSINO.5 P.21).	70.50	12674/36	P.%cft	8935/00
4	RCC work roof slab beams columns rafts lintels and other structural members laid in situ or pre cast laid in position complete in all respect 1:2;4 CSI No. 6 P.No.16).	100.48	337/00	P.cft	33862/00
5	Fabrication of HEAVY STEEL reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	3.96	4928/49	P.cwt	19517/00
6	Fabrication of Mud steel reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	4.03	5001/70	P.cwt	20157/00
7	Providing & laying 1"thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (CSINO. 18 P.No. 41) 3"thick	109.25	3275/75	P.%sft	3578/00
8	Cement plaster 1:4 & ½" thick upto 12' height (CSINO.11 P.No.52).	893.75	2283/93	P.%sft	20401/00
10	Preparing surface and painting of doors and windows any type of work (CSINO. 5 P.69).	93.50	2116/41	P.%sft	1976/00
11	White washing three coats (CSINO.26 P.No. 54).	120.00	829/95	P.%sft	996/00
12	White washing one coat	893.25	416/63	P.%sft	3722/00
13	Colour washing two coats (CSINO. 25 P.54).	893.25	859/90	P.%sft	7681/00
			Total		128951/00

S.No.	Item of work	Qty	Rate	Unit	Amount.
	TUBE WELL.				
1	Boring of tube well in all water bearing soil from ground level upto 100' or 30.50m depth i/c sinking and water watering and casing pipe (PHSINO. 1 P.No. 41).	70.00	743/00	P.rft.	52010/00
2	Providing strong substandy built wooden locked with compartment for preserving 2 lbs (1kg) samples starts (PHSINO. 1 P.No. 43).	1	3530/00	Each	3530/00
3	Taking and preserving inbox 2 lbs (1kg) sample of starta from boar holes etc (PHSINO. 1 P.No. 43).	4	101/00	P.sample	404/00
4	Taking samples of water from bore holes and place in two separate bottles (PHSINO. 1 P.No. 43).	4	131/00	"	524/00
5	Supplying and installing PVC blind pipe 'B' class of approved design quality and make i/c necessary socket etc complete (PHSINO. 12 P.No. 44).	30.61	516/80	P.rft	15819/00
6	Suplying and installing PVC strainer pipe 'b' class of approved design quality i/c necessary socket etc complete (PHSINO.19 P.43	30.39	554/05	P.rft	21824/00
7	Supplying and fixing M.S Ball plug (PHSINO.8 P.No. 43).	1	2607/00	EACH	2607/00
8	Srounding with Granded baji (3/8" to 1/8") or 9 to 3mm in between bore an plind pipe of following diameters of strainer (PHSINO. 13 P.No. 45).upplying with	70.00	105/00	p.RFT	7350/00
9	Supplying & installing PVC end plug (PHSINO> 1 P.28).	1 No.	1000/00	Each	1000/00
10	Development of tube wells PHSINO. 8 P.No. 43).	70.00	200/00	P.rft	14000/00
				Total	119068/00

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Supplying installing in position i/c transportation at site of work electric pumping set consisting A.C Electric Motor (SIEMENS Made) 10 BHP. Market Rate	1 set	296000	P.set	296000/00
2	Providing laying and fixing in trenches i/c fitting jointing and testing etc complete in all respect csi No.1 P.No. 25).	48.00	178/00	P.rft	8544/00
3	CI Bend with flanges with holes i/c turning and fixing flange for all sizes PHSINO. 8 P.No 11).	0.53	6096/00	P.wt	3200/00
4	CI taper flt bottomed or central tapered flanged end with holes in turning and fixing flanged for all sizes (PHSINO. 7 P.11).	0.21	696/00	P.cwt	1280/00
5	G.I.Pipe 3" dia	8.0	304/02	Each	2432/00
6	But fusion joint	8	600/00	Each	4800/00
7	C.I Sluice valve heavy pattern test pressure 21 PHSINO. 16 P.11).	1	4290/00	Each	4290/00
8	Reflex valve heavy pattern test pressure 21 kg PHSINO> 16 P.No.11).	1	1543/75	Each	1544/00
9	C.I. foot valve heavy pattern PHSINO> 4 P.No. 10)	1 No	731/25	Each	731/00
10	Jointing C.I./M.S flanged and specials pipes and inside a trenches i/c supplying of the rubber packing of the required thickness nuts bolts and washers etc and other tools required for jointing and testing the joints in the specified pressure etc complete (PHSIno. 1 P.No. 40.).	14	499/00	Each	6986/00
					329864/00
	RISING MAIN				
1	Excavation for pipe line in trenches and pits in soft soil ic trimming and dressing sides to true alignment and shape leveling of beds to correct and level and grade cutting joint holes & disposal of surplus earth within one chain as directed by engineer incharge providing fence guard light flanges and temporary crossing for nono vehicular traffic wherever required lift upto 5ft (1.52 m) and lead upto oneo chain (30.5) m PHSI No.1 P.No> 60).	1050.00	3600/00	P.%ocft	3780/00

2	Providing upvc pipe CLASS B' (EQUVALENT MAKE FIXING IN TRENCHES CUTTING FITTING AND JOINTING WITH z JOINT WITH ONE RUBBER RING I/C TESTING WITH WATER TO HEAD 61 METER OF 200 FT. (phsino. 1 p.No. 20).	100.00	402/00	P.rft.	40200/00
3	Tee 8x4	1 No.	3375/00	Each	3375/00
4	Bend 45 dgree	1No	2356/25	Each	2356/00
5	Jibault joint	1 No.	1381/25	Each	1381/00
6	Making joint to C.I specials fitting i/c laying of specials and cost of solvent cement of required dia meter and testing the joints along with PVC pipe line B,C & D class to the specified pressure and making good to all leaky joints etc complete GSINO. 1 P. 41).	2 Joint	72/00	Each	144/00
7	Refilling the excavated stuff in trenches 6" thick layer i/c watering ramming to full compaction etc complete (PHSINO. 24 P.53).	1166.67	2760/00	P.%ocft	3220/00
				Total.	54456/00
	Repair of Transformer.				
1	Supply of H.T Coils for transformer MR	3 Coils	15000/00	P.coil	45000/00
2	Supply of L.T coil. For transformer MR	3 coils	8000/00	P.coil	24000/00
3	Supply of Transformer Oil. MR	80 liter	180/00	P.L.	14400/00
4	Labour charges disassembling assembling transformer uninstalling and installing the same i/c transportation form to work shop and back 2 trips etc complete MR	1 Job	5000/00	P.Job	5000/00
5	Providing and laying Main or sub Main PVC insulated with size 4-7/044 (10mm ²) copper conductor in 1-1/2" dia PVC on surface as required (E.S.I.No. 41 P.6).	50 meter	566/00	P.meter	28300/00
			Total.		116700/00

Contractor.

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

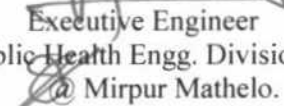
ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pump House	128951/00	--	128951/00
02	Tube well.	119068/00	--	119068/00
03	Repair of Machinery	33864/00	296000/00	329864/00
04	Repair Transformer	28300/00	88300/00	116700/00
05	Repair of Rising main	54456/00	--	54456/00
	Total.	364639/00	384300/00	748939/00

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:-

REPAIR OF PUMPING MACHINERY, SILT CLEARANE AND REPAIR OF UPVC RISING MAIN AND CONSTRUCTION OF ROAD CROSSING FOR RURAL DRAINAGE SCHEME RAHARKI.

Head of Account.

MAINTENANCE AND REPAIR 2016-17

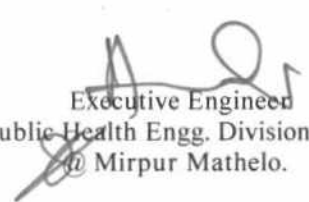
S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Rewinding of Electric Motor 3 Phase 400/440 volts 50 cycles with best quality isolated copper wire of required guage i/c testing on load with satisfactory result upto one oweek"s time opening and refilling and the bolts if necessary e/x-the cost of worn out material (4 poles 1450 rpm CSI o. 97 P.110).	1 Job	10599/00	P.set	10599/00
2	Repair of sullage pump golden 4x3 etc replacement of barrings and filling theading of shocks etc complete market rate	1 No.	10000/00	P.Job	10000/00
			Total.		20599/00
			Total		20599/00
Silt clearance of screening chamber and S/ Drains.					
1	Cleaning of collecting tank / sump below ground level i/c dewatering of sullage water & disposal of garbage solid waste etc out side the tank etc complete.	2717.32	11900/00	P.% cft	32336/00
2	Earth work excavation in ashesh, sand soft soil of silt clearance csi No.2 P.N.1	5565.85	1663/75	P.%ocft	9260/00
3	Extra for wet earth work csi No. 15 P.No. 3).	5565.58	1058/75	P.%oft	5893/00
4	Extra for 50' additional lead csi No. 8 P.2).	5565.58	3023/40	P.%ocft	16827/00
			Total.		64316/00
RCC PIPE 18"DIA ROAD CROSSING					
1	Dismantalling and removing road metalling csi No. 51 P.No. 13	168.00	605/00	P.%cft	1016/00
2	Excavation for pipe line in trenches and pits in soft soil ic trimming and dressing sides to thru alignment and shape leveling of beds to correct and level and grade cutting joint holes & disposal of surplus earth within oneo chain as directed by engineer incharge providing ence guard light flanges and temporaory crossing for nono vehicular traffic wherever required lift upto 5ft (1.52 m) and lead upto oneo chain (30.5) m PHSI No.1 P.No> 60).	672.00	3600/00	P.%ocft	2419/00

3	Providing RCC pipe of ASTM c-76-62 T/C 76-70 clas II wall B & fixing in trenches i/c cutting fitting and jointing with rubber rings i/c testing with water to specified pressure (PHSINO> 1 P>No.17).	48.00	412/00	P.rft.	19776/00
4	Refilling the excavated stuff in trench 6" thick layer i/c watering ramming to full compaction etc complete (PHSINO> 24 P.No. 77)	756.00	2760/00	P.%ocft	2087/00
			Total.		25298/00

ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pumping Machinery	10599/00	10000	20599/00
02	Silt clearance	64316/00	--	64316/00
03	RCC Pipe road crossing	25298/00	--	25298/00
	Total.	100213/00	10000	110213/00


Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:-

REPAIR OF SURFACE DRAINS , DISPOSAL WORKS, APPROACH PATH
AND SILT CLEARANCE FOR M&R RURAL DRAINAGE SCHEME OLD
GARHI

Head of Account.

MAINTENANCE AND REPAIR 2016-17

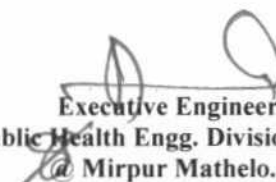
S.No.	Item of work	Qty	Rate	Unit	Amount.
01	Dismantling of brick work in lime or cement mortar csi No. 13 P.10).	183.75	1285/63	P.%cft	2362/00
02	Excavation in foundation of building bridges and other structures i/c dag belling dressing refilling around the structure with excavated earth watering and ramming lift upto 5ft aetc complete. Cs9 No. 18 P.No. 4).	271.35	3176/25	P.%ocft	862/00
03	Cement concrete plain i/c placing compacting finishing and curring screening and washing of stone aggregate without shuttering csi No. 5 P. 16).	40.72	11288/75	P%cft	4597/00
04	Pacca Brick work in foundation and plinth in cement sand mortar 1"6 csi No.4 P. 21).	858.00	11948/36	P.%cft	102517/00
05	Construction of standard open drains cunnette block of cement concrete 1"2:4 in situ to the design profile i/c cost of mud as per drawing i/c supplying floating cost of cement 1/32" athick to the exposed face finished smooth curring etc complete as per detailed drawing (PHSINNO> 4 P.No58).	45.00 18.00	94/00 174/00	P.rft P.rft.	4230/00 3132/00
6	Cement plaster 1:4 upto 20'height and 1/2" thick csi No.11 P.No. 58).	2024.87	2283/93	P.%sft	46247/00
7	RCC work in roof slab beams columns rafts lintels and other structure members laid in situ ore recost laid in position complete in all respect csi No. 6 P.No. 18).	105.80	337/00	P.cft	35655/00
8	Fabrication of mud steel for reinforcement for cc i/c cutting bending laying I position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No.7 P.No.20).	3..77	5001/70	P.cwt	18856/00
8	Fabrication of heavy steel work reinforcement for cc i/c cutting bending laying I position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No.7 P.No.20).	5.35	4928/49	P.cwt	26367/00
9	Preparing surface and painting of doors and windows any type of work (CSINO. 5 P.69).	332.00	2116/41	P.%sft	7026/00

11	Colour washing two coats (CSINO. 25 P.54).	3219.58	859/90	P%oft	27685/00
12	Barrow pit excavation un dressed lead upto 100' csi No.3 P.No. 01).	1560.00	2117/50	P5ocft	3303/00
13	Extra for every 50' additional lead csi No. 8 p.no.02	1560.00	5039/00	P.%ocft	7861/00
14	Laying earth in 6" layers leveling dressing and watering for compaction etc complete csi No. 13 P.No. 3).	1560.00	354/00	P.%ocft	555/00
			Toatal.		304666/00
Silt clearance of screening chamber and S/ Drains.					
1	Earth work excavation in ashes in sand soft soil silt clearance under sand laead upto 100" csi No.2 P.No. 1	8021.71	1663/75	P%ocft	13346/00
2	Extra for wet earth work csi No.1 5 P.No. 3).	8121.71	1058/75	P%ocft	8495/00
3	Extra for every 50'additional lead csi No. 8 P.No. 2).	8021.71	2015/80	P.%ocft	16169/00
				Total	38010/00

ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Civil structure	304666/00	--	304666/00
02	Silt clearance	38010/00	--	38010/00
	Total.	342676/00	--	342676/00

Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- REPAIR OF SURFACE DRAINS , SILT CLEARANCE &
PUMPING MACHINERY FORM&R RURAL DRAINAGE
SCHEME HAYAT PITAFI.

Head of Account. MAINTENANCE AND REPAIR 2016-17

Part-I.

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Supplying and fixing of non clogging sullage pump 5"x4" (Golden) GSWG-104 M R)	1 No.	73400/00	P.Job	73400/00
2	Providing common steel frame or base plate i/c coupling (MR)	1 No.	10940/00	P.rft	10940/00
3	Supplying and fixing Motor control unit (MCU) consist oil starter (MEECO PAKISTAN MCCB Breaker 10-A (sihlin Taiwan) cut out 60-A (China) mp meter (60/5A) selcon chaina) i/c transformer oil (2-litre panel board 18" x26"x9" & internal wiring .	1No.	32000/00	P.set	32000/00
4	Making foundation cc plain i/c placing compacting finishing & curring complete i/c screening and washing of stone aggregate without shuttering 1:2:4 CSI No. 5 P.No.17).	20.00	14429/00	P%cft	2886/00
5	Cement concrete brick or stone ballast 1 1/2" guage 1:4:8 (CSI NO.4 P.No.16).	7.50	9416/28	P%cft	706/00
6	Providing and embedding M.S foundation nuts bolts of 5/8" dia 2' long 6 Nos. each half threaded to be embedded in C foundation SMINo. 1 P.No. 17).	8.32	112/61	P.lbs	937/00
7	Rewinding of Electric Motor 3 Phase 400/440 volts 50 cycles with best quality isolated copper wire of required guage i/c testing on load with satisfactory result upto one oweek"s time opening and refilling and the bolts if necessary e/x the cost of worn out material (4 poles 1450 rpm CSI o. 97 P.110).	1 Job	10141/00	P.set	10141/00
8	Providing common steel frame or base plate i/c coupling (MR)	1 No.	10940	P.rft	10940/00
			Total.		131010/00

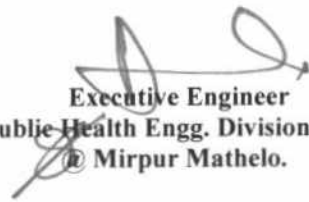
1	Providing laying and fixing in trench including fitting jointing and testing etc complete in all respect PE pipe PN 10 phi No.1 .25	14	268/00	P.rft	3752/00 ✓
2	Providing and fixing Adopter 4" dia.	4	1215/00	Each	4860/00 ✓
3	But fusion joint	4	1000/00	Each	4000/00 ✓
4	Providing laying M.S pipe & clamp etc i/c fixing cutting & fitting complete i/c the cost of breakingthrough walls & making good etc painting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft. & Handing (saint sch.Item No.1 P.No. 12).	12	506/60	P.rft	6079/00 ✓
5	Providing & fixing M.S flanged 4"x5" dia made out of M.S sheet 3/8" thick i/c cutting drilling holes etc complete (R.A approved (based on sch. Rates).4" diia	2 Nos.	596/75	Each	1194/00
6	Supplying of C.I Sluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq: inch (imported) SMPHI No. 2 P.11).	1 No.	5460/00	Each	5640/00
7	C.I. Bend with flanged end with holes i/c turning and fixing of flanges for all sizes (SMPHINO> 8 P.11).	0.19	6096/00	P.cwt	1158/00
8	C.I tee flanged end with holes i/c turning & facing of flanged for all fadces (SMIPHI No. 12 P.12).	0.22	6096/00	P.cwt	1341/00
9	Jointing C.I/M.S flanged pipes & specials flanged & inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc & other tools required	10	513/00	P.Joint	5130/00
			Total		32974/00 ✓
	REPAIR OF SURFACE DRAINS				
	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same (CSINO> 20 P.No. 10).	175.62	1285/63	P.%cft	1615/00
	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning & straightening the same (CSINO. 20 P.No. 10).	80	5445/00	O.%cft	4356/00
	Pacca brick work in foundation & plinth in cement sand ratio 1:6 (CSINO 4 P.20).	671.25	11948/36	P.%cft	80203/00
	Cement plaster 1:4 & 1/2" thick upto 12' height (CSINO.11 P.No.52).	1682.50	2283/93	P.%sft	38427/00
	RCC awork I roof slab beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect 1:2;4 CSI No. 6 P.No.16).	67.50	337/00	P.cft	22748/00

	Fabrication of M.S reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	2.41	5001/70	P.cwt	12054/00
			Total.		159403/00
	SILT CLEARANCE.				
01	Cleaning tank /sump ground level i/c dewaterig of sullage water & disposal of garbage of collecting solid waste etc out side the tank etc complete (PHSINO. 1 P.No. 59).	1613.00	11900/00	P.%Ocft	19195/00
02	Earth work excavation in ashes sand soft soil or silt clearance undressed lead upto 100 ft. (CSINO> 2 P.No 1).	6756.78	1663/75	P.%0cft	11242/00
03	Extra for wet earth work (CSINO. 15 P.No. 3).	6756.78	1058/75	P.%ocft	7154/00
04	Extra for every 50 ' additional lead or part thereof (CSINO. 08 P.No. 02).	6756.78	2015/60	P.%ocft	13619/00
			Total.		51210/00

ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pumping Machinery	46670/00	84340/00	131010/00
02	Silt clearance	51210/00	--	51210/00
03	Repair of Surface drains	159403/00	--	159403/00
04	Inter Connection	32974/00	--	32974/00
	Total.	290257/00	84340/00	374597/00

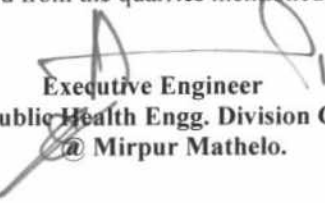
Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- REPAIR OF PUMP HOUSE , PUMP ING MACHINARY , RCC
MANHOLE ,F.C. RISING MAIN & SILT CLEARANCE FOR
RURAL DRG.SCHEME GARHI CHAKAR.
Head of Account. MAINTENANCE AND REPAIR 2016-17

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Rewinding of Electric Motor 3 Phase 400/440 volts 50 cycles with best quality isolated copper wire of required guage i/c testing on load with satisfactory result upto one oweek"s time opening and refilling and the bolts if necessary e/x the cost of worn out material (4 poles 1450 rpm CSI o. 97 P.110).	1 Job	10500/00	P.set	10500/00
2	Repair of nonclogging sullage pump etc complete market rate	1 No.	10000/00	P.Job	10000/00
3	Providing laying and fixing in trench including fitting jointing and testing etc complete in all respect PE pipe PN 10 phi No.1 .25	47.00.	268/00	P.rft	12596/00
4	Providing and fixing Adopter 4" dia.	10	1215/00	Each	12150/00
5	Supplying of C.I reflex valve heavy pattern test pressure 21 kg sq>cm or 300 lbs /sq. inch imported (SMPHI No.6 P.11).	01	1706/0	Each	1706/00
6	Supplying of C.I Sluice valve heavy pattern test pressure 21 kg/sq. cm or 300 lbs/sq: inch (iported) SMPHI No. 2 P.11).	1 No.	5460/00	Each	6460/00
7	C.I. Bend with flanged end with holes i/c turning and fixing of flanges for all sizes (SMPHINO> 8 P.11).	0.38	6096/00	P.cwt	2316/00
8	C.I Tail pieces with one end flanged and spigot @ other end for all sizes 4" dia	0.16	6096/00	P.cwt	975/00
9	Foot valve joint SMPHI No.14 P.)	1	893/75	Each	894/00
10	Supplying and fixing motor control unit (MCU) consist oil starter (MEECO) PAKISTAN) MCCB breaker 10-A to 50-A sihin Taiwan cut out 60-A china amp – meter (60/5 A) (SELCON CHINA) volt meter (500-V) (SELCON CHINA) phase indicator light (China) i/c transformer oil(2-liter) Panel board 18" x26"x9" & internal wiring for 10 HP.	1	32000/00	P.set	32000/00
	Jointing C.I/M.S flanged pipes & specials flanged & inside a trench i/c supplying rubber packing of the required thickness nuts bolts with washers etc & other tools required	4	513/00	P.Joint	7182/00
			Total		95779/00

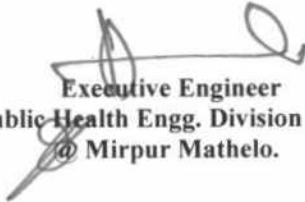
Silt clearance of screening chamber and S/ Drains.					
1	Cleaning of collecting tank / sump below ground level i/c dewatering of sullage water & disposal of garbage solid waste etc out side the tank etc complete.	1573 cft	11900/00	P.% cft	19671/00
			Total.		19671/00
REPAIR OF RCC MANHOLES					
1	RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position complete in all respect (CSINO. 6 P.NO.18).	38.77	337/00	P.cft	13065/00
2	Fabrication of M.S reinforcement for cc i/c cutting bending laying I position making joints and fastening i/c cost of binding wire also i/c removal of rust from bars (CSI No.7 P.No.20).	1.55	5001/70	P.cwt	7753/00
3	Providing C.I. manhole cover and frame i/c cost of material etc PHSINO. 1 P.No. 35).	7.50	6985/00	P.cwt	52388/00
4	Errection and fitting in position of iron trusses lagging of water tanks etc (PHSINO.3 P. No. 91).	7.50	271/04	p.cwt	2033/00
			Total.		75239/00
REPAIR OF CIVIL STRUCTURE					
1	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same (CSINO> 20 P.No. 10).	224.81	5445/00	P.%cft	12241/00
2	RCC awork I roof slab beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect 1:2;4 CSI No. 6 P.No.16).	198.96	337/00	P.cft	67050/00
3	Fabrication of M.S reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	7.99	5001/70	P.cwt	39694/00
4	Pacca brick work in ground floor in cement sand mortor 1:6 (CSINO.5 P.21).	113.25	12674/36	P.%cft	14354/00
5	Cement plaster 1:4 & ½" thick upto 12' height (CSINO.11 P.No.52).	834.00 sft	2283/93	P.%sft	19048/00
6	Fabrication of heavy steel doors with frame (CSINO. No. 24 P.No. 92).	4.58 sft	4928/49	P.sft	22512/00
7	Filling watering & ramming earth under floor with new earth excavated from out side lead upto one chain & lift upto 5ft.CSINO.22 P.No. 5 i/c 03 miles extra lead	546.00	3630/30	P.%0cft	1482/00

8	Cement concrete brick or stone ballast 1:1 ½-2" guage (CSINo 4 P.no. 17).	102.37	9416/28	P%cft	9639/00
9	Providing & laying 1" thick topping cement concrete (1:2:4) i/c surface finishing and dividing into panels (CSINO> 16 P.No. 42) 3" thick	273.00	4411/82	P%sf	12044/00
10	Preparing surface and painting of doors and windows any type of work (CSINO. 5 P.69).	184.00 sft.	2116/41	P.%sft	3894/00
11	White washing one coats (CSINO.26 P.No. 54).	1706.25	416/63	P.%sft	7109/00
12	Threecoats	354.50	829/95	P%sf	2942/00
13	Colour washing two coats (CSINO. 25 P.54).	1706.25	859/90	P%sf	14672/00
			Total		227511/00

ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pumping Machinery	85779/00	10000	95779/00
02	Silt clearance	19671/00	--	19671/00
03	Repair of Manhole	75239/00	--	75239/00
04	Civil structure	227511/00	--	227511/00
	Total.	408200/00	10000	418200/00

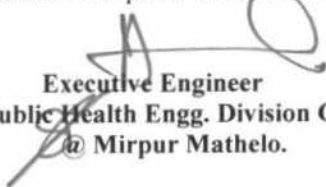
Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- **REPAIR OF PUMPING MACHINERY & SILT CLEARANCE FORM&R RURAL DRAINAGE SCHEME WANGO.**

Head of Account. **MAINTENANCE AND REPAIR 2016-17**

Part-I.

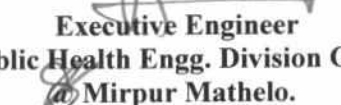
S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Supplying and fixing Motor control unit (MCU) consist-oil starter (MEECO PAKISTAN MCCB Breaker 10-A (sihlin Taiwan) cut out 60-A (China) mp meter (60/5A) selcon chaina) i/c transformer oil (2-litre panel board 18" x26"x9" & internal wiring .	1No.	32000/00	P.set	32000/00
2	Rewinding of Electric Motor 3 Phase 400/440 volts 50 cycles with best quality isolated copper wire of required guage i/c testing on load with satisfactory result upto one oweek"s time opening and refilling and the bolts if necessary e/x the cost of worn out material (4 poles 1450 rpm CSI o. 97 P.110).	1 Job	10599/00	P.set	10599/00
3	Supplying and fixing of non clogging sullage pump 5"x4" (Golden) GSWG-104 MR	1 No.	77100/00	P.Job	77100/00 ✓
4	Providing common steel frame or base plate i/c coupling (MR)	1 No.	17503/00	P.rft	17503/00 ✓
			Total.		119699/00
Silt clearance of screening chamber and S/ Drains.					
1	Cleaning of collecting tank / sump below ground level i/c dewatering of sullage water & disposal of garbage solid waste etc out side the tank etc complete.	1573 cft	11900/00	P.%ocft	18719/00
2	Earth work excavation in ashes sand soft soil or silt clearance undressed lead upto 100' (CSI No. 2 P.No. 1)	10721.66	1663/75	P%ocft	17838/00
3	Extra for wet earth work (CSI NO> 15 P.03).	10721.66	1058/75	P%ocft	11352/00
4	4" di4a	6 Joints	1000/00	Each	6000/00
9	Supplying of C.I sluice valve heavy pattern (test pressure 21.00 kg/sq. cm or 300 lbs/ sq inch imported (SMPHiNo.2 P.no. 11).	1 No.	9360/00	Each	9360/00
10	Supplying C.I. reflex valve heavy pattern (test pressure 21.00 kg /sq. cm or 300 lbs/sq. inch importe	1 No.	4062/5000	Each	4063/00

	(SMPHI No. 6 P.No.116" dia				
11	Supply of foot valve heavy pattern with one cone and type gate imported (SMPHINO4 P.10).	1 No.	1381/2500	Each	1381/00
12	C.I.bends with flanged end with holes i/c turing and facing of flanges for all 6" dia suction & delivery side	0.67 cwt	6096/00	P.cwt	4084/00
13	Jointing ci/M.S flanged pipes & specials flanged & inside a trench i/c supplying rubber packing of the required thickeness uts bolts with washers etc & other tools required for jointing and testing the joints to the specified pressure etc complete 6" dia	3 Joints	936/00	Each	2814/00
	4" dioa 6 Joints	6 Joints	531/00	Each	3078/00
			Total.		69520/00

ABSTRACT.

s.No.	Item of work	Shedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Pumping Machinery	25096/00 ✓	94603/00 ✓	119699/00 ✓
02	Silt clearance of S/Drains and S/chamber	69520/00 ✓	--	69520/00 ✓
	Total.	94616/00	94603/00 ✓	189219/00 ✓

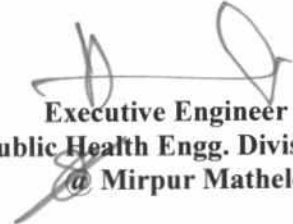
Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- **REPAIR OF PUMPING MACHINERY FOR RURAL WATER SUPPLY SCHEME JARWAR**

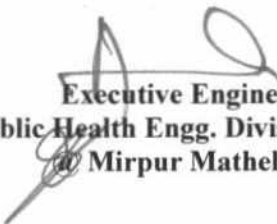
Head of Account. **MAINTENANCE AND REPAIR 2016-17**

Part-I.

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Supplying and fixing Motor control unit (MCU) consist oil starter (MEECO PAKISTAN MCCB Breaker 10-A (sihlin Taiwan) cut out 60-A (China) mp meter (60/5A) selcon chaina) i/c transformer oil (2-litre panel board 18" x26"x9" & internal wiring .	2 Nos	32000/00	P.set	64000/00
2	Providing 4 – core (7/52 PVC insulated wire 660 volts grade (E.S.I.No. 41 P.6).	91.46	858/00	P.Meter	78473/00
3	New KSB centerfugal pump aETA etc complete in all respect (M.R).	1 Job	158270/00	P.Job	158270/00
4	Inter Connection. Providing laying and fixing in trench i/c citting jointing and testing etc complete in all respect the high density polythenePE pipe (HDPE - 100 PN-10 for W/S confirming ISO 4427/DIN8074/8075 B. 3580 & PSI 3051 (PHINO. 1 P. No.25). 160 mm dia.	30 Rft	530/00	P.rft	15900/00
5	Providing laying M.S Pipes clamps etc i/c fixing cutting and fitting complete i/c the cost of breaking through walls & making good etc ainting 3 coats after cleaning the pipe with zink paint with pigment to match the pressure head of 200 ft. & handling saint.sch.i No.12 3/16" thick sheet.	12 Rft.	749/34	P.rft	8992/00
6	Providing and fixing M.S flanges 6" x5" dia.	2 Joints	804/77	P.Joint	1610/00
7	Providing and fixing Adopter 6" dia.6" dia.	2 Nos.	2025/00	Each	4050/00
	4" dia	2 Nos.	1215/00	Each	2430/00
8	But fusion joint. 6"x5" dia	2 Joint	1000/00	Each	2000/00
	4" di4a	6 Joints	1000/00	Each	6000/00
9	Supplying of C.I sluice valve heavy pattern (test pressure 21.00 kg/sq. cm or 300 lbs/ sq inch imported	1 No.	9360/00	Each	9360/00

	(SMPHiNo.2 P.no. 11).				
10	Supplying C.I. reflex valve heavy pattern (test pressure 21.00 kg /sq. cm or 300 lbs/sq. inch importe (SMPHI No. 6 P.No.116" dia	1 No.	4062/5000	Each	4063/00
11	Supply of foot valve heavy pattern with one cone and type gate imported (SMPHINO4 P.10).	1 No.	1381/2500	Each	1381/00
12	C.I.bends with flanged end with holes i/c turing and facing of flanges for all 6" dia suction & delivery side	0.67 cwt	6096/00	P.cwt	4084/00
13	Jointing ci/M.S flanged pipes & specials flanged & inside a trench i/c supplying rubber packing of the required thickeness uts bolts with washers etc & other tools required for jointing and testing the joints to the specified pressure etc complete 6" dia	3 Joints	936/00	Each	2814/00
	4" dioa 6 Joints	6 Joints	531/00	Each	3078/00
			Total.		375515/00

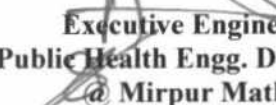
Contractor.


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

CONDITIONS.

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

Contractor.


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

SCHEDULE 'B'

Name of Work:- **REPAIR OF SURFACE DRAINS , PUMPING MACHINARY, PUMP HOUSE AND SILT CLEARANCE FORM&R RURAL DRAINAGE SCHEME KHAN GARAH.**

Head of Account. **MAINTENANCE AND REPAIR 2016-17
REPAIR OF SURFACE DRAINS.**

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Dismantling of brick work in lime or cement mortor csi No.13 P.No. 10).	37.00	1285/63	P.%cft	475/00
2	Pacca Brick work in foundation and plinth in cement sand mortor 1:6	456.00	11948/36	P.%cft	54484/00
3	Cement plaster 1:4 12' height CSINO. 11 P.No. 52).	1539.00	2283/93	p.%sft	35149/00
4	RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect ratio CSI No. 1 P. 18).	36.00	337/00	P.cft	12132/00
5	Fabrication of M.S reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	1.28	5001/70	P.cwt	6402/00
5	Febrication of heavy steel with angle iron float iron round iron and sheet iron for making trusses graianer tent etc i/c cutting drilling rewinding handling assembling and fixing but executing errection in position csi No.2 P.No. 91).	1.64	4928/49	P.cwt	8083/00
6	Errection and fitting in position of iron trusses logging of water tanks etc oplete (PHSINO.3 P.91).	1.64	271/04	p.cwt	444/00
7				Total.	117169/00
	REPAIR OF PUMP HOUSE.				
1	Dismantling cement concrete reinforced separating rain for cement from concrete cleaning and straightening the same csi No. 1 P.No. 10).	104.62	5445/00	P%cft	5697/00
2	Dismantalling brick work in lime or cement mortor csi No. 13 P.No. 10).	15.00	1285/63	P.%cft	193/00
3	Pacca brick work in ground floor in cement sand mortor 1:6 csi No. 5 P.No. 21).	85/50	12674/36	P%cft	10837/00
4	Febricatio of heavy steel with angle iron flat iron round iron and sheet iron for making trusses girder tanks etc i/c cuttingdrilling revitting handling assembling and fixing but excluding errection in position csi No.2 1 P.No. 91	4.41	4928/49	P.cwt	21735/00
5	Errection and fitting I position of iron trusses lagging of water tanks etc PHSINNo. 3 P.No. 91).	4.41	271/04	P.cwt	1195/00

SCHEDULE 'B'

Name of Work:- **REPAIR OF SURFACE DRAINS , PUMPING MACHINERY, PUMP HOUSE AND SILT CLEARANCE FORM&R RURAL DRAINAGE SCHEME KHAN GARAH.**

Head of Account. **MAINTENANCE AND REPAIR 2016-17**
REPAIR OF SURFACE DRAINS.

S.No.	Item of work	Qty	Rate	Unit	Amount.
1	Dismantling of brick work in lime or cement mortar csi No.13 P.No. 10).	37.00	1285/63	P.%cft	475/00
2	Pacca Brick work in foundation and plinth in cement sand mortar 1:6	456.00	11948/36	P.%cft	54484/00
3	Cement plaster 1:4 12' height CSINO. 11 P.No. 52).	1539.00	2283/93	p.%sft	35149/00
4	RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or pre cost laid in position complete in all respect ratio CSI No. 1 P. 18).	36.00	337/00	P.cft	12132/00
5	Fabrication of M.S reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/ cost of binding wire also i/c removal of arust from bars (CSINO> 5 P.No. 21).	1.28	5001/70	P.cwt	6402/00
5	Febrication of heavy steel with angle iron float iron round iron and sheet iron for making trusses graianer tent etc i/c cutting drilling rewinding handling assembling and fixing but executing errection in position csi No.2 P.No. 91).	1.64	4928/49	P.cwt	8083/00
6	Errection and fitting in position of iron trusses logging of water tanks etc oplete (PHSINO.3 P.91).	1.64	271/04	p.cwt	444/00
7				Total.	117169/00
REPAIR OF PUMP HOUSE.					
1	Dismantling cement concrete reinforced separating rain for cement from concrete cleaning and straightening the same csi No. 1 P.No. 10).	104.62	5445/00	P%cft	5697/00
2	Dismantalling brick work in lime or cement mortar csi No. 13 P.No. 10).	15.00	1285/63	P.%cft	193/00
3	Pacca brick work in ground floor in cement sand mortar 1:6 csi No. 5 P.No. 21).	85/50	12674/36	P%cft	10837/00
4	Febricatio of heavy steel with angle iron flat iron round iron and sheet iron for making trusses girder tanks etc i/c cuttingdrilling revitting handling assembling and fixing but excluding errection in position csi No.2 1 P.No. 91	4.41	4928/49	P.cwt	21735/00
5	Errection and fitting I position of iron trusses lagging of water tanks etc PHSINNo. 3 P.No. 91).	4.41	271/04	P.cwt	1195/00

6	Cement plaster 1:4 & ½" thick upto 12' height csi No> 11 P.No. 52).	888.00	2283/93	P.%sft	20281/00
7	RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position completed in all respect (csi No. 6 P.No 18).	87.88	337/00	P.cft	29616/00
8	Febrication of mild stel reinforcement for cement concrete i/c cutting bending laying in position making joints and astening i/c cost of binding wire also i/c removal of rust free bars csi No. 7 P.No. 20).	3.53	5001/70	P.cwt	17656/00
9	Cement concrete brick or stone ballst ½" -2" guage csi No 4 P.No 17).	39.60	9416/28	P%ocft	3729/00
10	Barrow pit excavation undressed lead upto 100' in ordinary soil csi No> 3 P.No 1).	170.40	2117/50	P.%ocft	361/00
11	Carriage of earth csi No. 8P.No> 2).	170.40	579/41	P.%cft	987/00
12	Laying earth in 6" layers levellig dressing and watering for compaction etc csi No 13 P.No 3).	170.40	354/00	P.%ocft	60/00
13	Preparing of surface painting of doors and windows any type of c9 No> 5 P.No. 69).	104.00	2116/41	P.%sft	2201/00
14	White washing one coat. Csi No 26 P.No. 54).	1060.00	416/63	P%ocft	3916/00
15	Three coat	201.00	829/95	P%ocft	1666/00
16	Colour washing two coats csi No. 23 P.No. 54).	1340.00	859/90	P%ocft	11523/00
17	Providing laying 1" thick topping cement concrete 1:2:4 I/C SURFACE FINISHING AND DIVIDING IN O PANELS csi No> 16 P.No. 42).	120.00	4411/82	P5sft	5294/00
				Total.	136949/00
	SILT CLEARANCE.				
1	Cleaning of collecting tank / sump below ground level i/c dewatering of sullage water disposal of garbage solid waste et out s die the tank etc complete (phsi nO. 1 P.No. 59).	1613.00	11900/00	P%ocft	19195/00
2.	Earth work excavation in ashes sand soft soil or silt clearance undressed lead upto 100' csi No> 2 P.No> 1).	2796.73	1663/75	P%ocft	4653/00
3	Extra for wet earth work csi No> 15 P.No. 3).	2796.73	1058/75	P%ocft	2961/00
4	Extra for aevery 50' additional lead or part thereof csi No.8 P.No. 2).	2796.73	2015/60	P%ocft	5637/00
				Total.	32446/00

REPAIR OF COMPOUND WALL.					
01	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same csi No> 20 P.N. 10).	56.00	5445/00	P%cft	3049/00
02	Dismantling of brick work in lime or cement mortar CSI No. 13 P.No. 10).	28.59	1285/63	P%cft	368/00
03	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6 csi No> 4 P.No> 24).	360.00	11948/36	P%cft	43014/00
04	Damp proof coarse with cement sand & shingle concrete 1:2:4 i/c 2 coats of asphaltic mixture csi No> 28 P.No> 19).	180.00	4982/18	P%SFT	8968/00
05	Pacca brick work other then building i/c striking of joints upto 20' height in cement sand mortar 1:6 csi No> 7 PN. 22).	3.75	12346/65	P%CFT	37503/00
06	RCC work in roof slab beams columns rafts lintels and other structure members laid in situ or precast laid in position completed in all respect csi No> 6 P.No> 17).	69.00	337/00	p.CFT	23253/00
07	Fabrication of M.s reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of building wire also i/c removal of rust from bars csi No> 8 P.No. 17).	2.77	5001/70	p.CWT	13855/00
08	Cement painting struck joints on walls csi No> 19 P.No> 53).	550.00	1213/58	P%SFT	6675/00
09	Cement plaster 1:4 upto 20' height 1/2" thick csi No> 11 P.No> 52).	1060.00	2283/93	P%SFT	24210/00
10	White washing one coats csi No> 25 P.No> 54).	1060.00	416/63	P%SFT	4416/00
11	Colour washing two coats	1060.00	859/90	P%SFT	9115/00
12	Fabrication of heavy steel works	5.35	4928/49	Pcwt	26367/00
13	Painting of doors and windows any tuyepe csi No> 4 P.No> 68).	100.00	2116/41	P%sf	2116/00
				Total.	202909/00
PUMPING MACHINERY					
01	Supplying and installing in position i/c transportation to site of work at disposal work No> 2 Rural Drainage Scheme Khan Garah Electric pumping set consisting A.C Electric motor (SIEMENS made 7.5BHP). RA Approved	1 set	213000/00	P.set	213000/00
2	Providing laying and fixing in trench i/c fitting jointing and testing etc complete in all respect the high-density polythen PE pipe GDPE -100 PN 10 PHSINO. 1 P.25).	20.00 12.00	530/00 268/00	P.rft P.rft	10600/00 3216/00

3	Providing fixing M.smechined pipe made out of m.s shet 3/16" athick i/c cutting fitting and reolling the correct curvature shape (based on schedule itrems	15.00	506/60	P.rft	7599/00
4	Providing installing M.S flange made out of M.S sheet 3/8" thick i/c drilling holes & welding with M.S pipe Based on schedule items.	4 Nos.	804/77	Each	3219/00
5	Providing and fixing adopter 4" dia 6" dia.	2 Nos. 8 Nos.	1215/00 2025/00	Each Each	2430/00 16200/00
6	Supply of C.I sluice valve heavy pattern test preesure 21.00 kg sq>cm or .	1 No.	5460/00	Each	5460/00
7	Supply of foot valve heavy pattern with one cone and type gate imported ssm PHSINO> 4 P.No. 10),.	1 No.	893/75	Each	894/00
8	Supply of c.i. reflexvalve pattern test pressure 21 kg sq.cm or 300 lbs ich imported sm phsi no. 6 P.No> 11).	1 No.	1706/25	Each	1706/00
9	C.I. bend aflanged end with holes i/c turning and facing of flanges for all sizes sm Phsi No> 8 P.No> 11).6" dia suction and delivery side.	0.49	6096/00	P.cwt	2987/00
10	C.I. tee flanged end with holes i/c turing and facing of flanged for all faces smio. 12 P.No. 12).	0.49	6096/00	P.cwt	2987/00
11	But fusion joint	10 Joint	1000/00	Each	10000/00
12	Jointing c.i / ms flanged pipes & special flanged end inside a trench i/c	4 Nos.	513/00	Each	2052/00

6	Cement plaster 1:4 & ½" thick upto 12' height csi No> 11 P.No. 52).	1128.00	2283/93	P.%sft	25763/00
7	RCC work in roof slab beams columns rafts lintels and other structural members laid in situ or precast laid in position completed in all respect (csi No. 6 P.No 18).	110.56	337/00	P.cft	37259/00
8	Febrication of mild stel reinforcement for cement concrete i/c cutting bending laying in position making joints and astening i/c cost of binding wire also i/c removal of rust free bars csi No. 7 P.No. 20).	4.44	5001/70	P.cwt	22208/00
9	Cement concrete brick or stone ballst ½" -2" guage csi No 4 P.No 17).	63.36	9416/28	P%cft	5999/00
10	Preparing of surface painting of doors and windows any type of c9 No> 5 P.No. 69).	104.00	2116/41	P.%sft	2201/00
11	White washing one coat. Csi No 26 P.No. 54).	1180.00	416/63	P.%sft	4916/00
15	Three coat	306.00	829/95	P.%sft	2540/00
16	Colour washing two coats csi No. 23 P.No. 54).	1180.00	859/90	P.%sft	10147/00
17	Providing laying 1" thick topping cement concrete 1:2:4 I/C SURFACE FINISHING AND DIVIDING IN O PANELS csi No> 16 P.No. 42).	192.00	4411/82	P5sft	8471/00
				Total.	163940/00
	SILT CLEARANCE.				
1	Cleaning of collecting tank / sump below ground level i/c dewatering of sullage water disposal of garbage solid waste et out s die the tank etc complete (phsi nO. 1 P.No. 59).	1613.00	11900/00	P%ocft	19195/00
2.	Earth work excavation in ashes sand soft soil or silt clearance undressed lead upto 100' csi No> 2 P.No> 1).	1697.87	1663/75	P%ocft	2825/00
3	Extra for wet earth work csi No> 15 P.No. 3).	1697.87	1058/75	P%ocft	1798/00
4	Extra for aevery 50' additional lead or part thereof csi No.8 P.No. 2).	1697.87	2015/60	P%ocft	3422/00
5	Excavation for tanks and reservoirs in soft soil i/c trimming and dressing sides to true alignment design section profiles and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of surpluys excavated earth within one chain as directed by Engineer incharge i/c providing fence guard lights flanges and temporary crossing for non	14938.00	3000/00	P.%ocft	44814/00

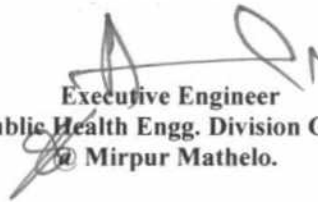
	vehicular traffic wherever required lift upto 5ft (1.52m) & lead upto one chain (30.5m) PHSINO. 1 P.No. 67				
6	Excavation for tanks and reservoirs in wet soil / clay or mud i/ trimming & dressing sides to true alignment section profile and shape leveling of beds of trenches to correct level and grade i/c laying of earth in 6" layer for construction of banks and dressing and disposal of excavated surplus earth within one chain and PHSINO> 14 P.No. 74).	12922.00	4800/00	P.%ocft	62026/00
7	Earth work compaction soft ordinary or hard soil laying earth in 6" layers leveling & dressing complete (CSINO> 13 P.No. 3).	27860.00	263/00	P.%ocft	8327/00
				Total.	142407/00
	REPAIR OF COMPOUND WALL.				
01	Dismantling cement concrete reinforced separating reinforcement from concrete cleaning and straightening the same csi No> 20 P.N. 10).	56.00	5445/00	P%cft	3049/00
02	Dismantling of brick work in lime or cement mortar CSINO. 13 P.No. 10).	19.21	1285/63	P%cft	247/00
03	Pacca brick work in foundation and plinth in cement sand mortar ratio 1:6 csi No> 4 P.No> 24).	108.28	11948/36	P%cft	13369/00
04	RCC work in roof slab beams columns rafts lintels and other structure members laid in situ or precast laid in position completed in all respect csi No> 6 P.No> 17).	51.50	337/00	p.CFT	17356/00
05	Febrication of M.s reinforcement for cement concrete i/c cutting bending laying in position making joints and fastening i/c cost of building wire also i/c removal of rust from bars csi No> 8 P.No. 17).	2.06	5001/70	p.CWT	10803/00
06	Cement painting struck joints on walls csi No> 19 P.No> 53).	200.00	1213/58	P%SFT	2427/00
07	Cement plaster 1:4 upto 20' height ½" thick csi No> 11 P.No> 52).	376.00	2283/93	P%SFT	8593/00
10	White washing one coats csi No> 25 P.No> 54).	376.25	416/63	P%SFT	1568/00
11	Colour washing two coats	376.25	859/90	P%SFT	3235/00
12	Febrication of heavy steel works	5.35	4928/49	Pcwt	26367/00
13	Painting of doors and windows any tuye csi No> 4 P.No> 68).	100.00	2116/41	P%stft	2116/00
				Total.	88630/00

PUMPING MACHINERY					
01	Supplying and installing in position i/c transporation to site of work at disposal work No> 2 Rural Drainage Scheme Khan Garah Electric pumping set consisting A.C Electric motor (SIEMENS made 7.5BHP). RA Approved	1 set	240000/00	P.set	240000/00
2	Providing laying and fixing in trench i/c fitting jointing and testing etc complete in all respect the high density polythen PE pipe GDPE -100 PN 10 PHSINO. 1 P.25).	44.00	530/00	P.rft	23320/00
3	Providing fixing M.smechined pipe made out of m.s shet 3/16" athick i/c cutting fitting and reolling the correct curvature shape (based on schedule itrems	20.00	749/38	P.rft	14987/00
4	Providing installing M.S flange made out of M.S sheet 3/8" thick i/c drilling holes & welding with M.S pipe Based on schedule items.	10 Nos	804/77	Each	8048/00
5	Providing and fixing adopter 4" dia	12	2025/00	Each	24300/00
6	Supply of C.I sluice valve heavy pattern test preesure 21.00 kg sq>cm or .	2 Nos	9360/00	Each	18120/00
7	Supply of foot valve heavy pattern with one cone and type gate imported ssm PHSINO> 4 P.No. 10),.	2 Nos.	1381/25	Each	2763/00
8	Supply of c.i. reflexvalve pattern test pressure 21 kg sq.cm or 300 lbs ich imported sm phsi no. 6 P.No> 11).	2 Nos	4062/50	Each	8125/00
9	C.I. bend aflanged end with holes i/c turning and facing of flanges for all sizes sm Phsi No> 8 P.No> 11).6" dia suction and delivery side.	0.92	6096/00	P.cwt	5808/00
10	C.I. tee flanged end with holes i/c turing and facing of flanged for all faces smio. 12 P.No. 12).	0.49	6096/00	P.cwt	2987/00
11	But fusion joint	12 Joint	1000/00	Each	12000/00
12	Jointing c.i / ms flanged pipes & specials flanged and inside a trench i/c supplying orubber paking of the required thickness nuts with washets etc complete required for jointing and testing the joints to the specified pressure complete phsi No> 1 P.No> 40).	4 Nos. 6 Joint	513/00 938/00	Each Each	2052/00 5628/00
				Total.	368538/00

ABSTRACT.

S. No.	Item of work	Schedule 'B'	Non Schedule 'B'	Total Amount.
01	Repair of Surface drains	96712/00	--	96712/00
02	Repair of pump House	163940/00		163940/00
03	Silt clearance	142407/00		142407/00
04	Repair of compound wall.	88630/00		88630/00
05	Repair of Pumping Machinery	128538/00	240000/00	328538/00
	Total.	619687/00	240000/00	859687/00

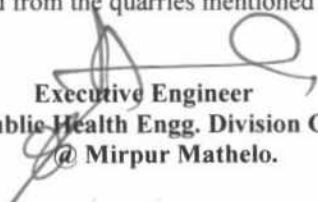
Contractor.


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

CONDITIONS.

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

Contractor.


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

PUBLIC HEALTH ENGINEERING DEPARTMENT
GOVERNMENT OF SINDH

ISSUE TO _____
VIDE D.R NO:& DATE _____
FOR Rs. _____

Executive Engineer,
Public Health Engineering
Ghotki @ Mirpur Mathelo.

STANDRAD FORM OF BIDDING DOCUMENTS

FOR

FOR THE WORK :

BIDDING DATA

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

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Agency :-

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

Brief Description of Works :-

5.1 (a) Procuring Agency's address:

Opposite Old Taluka Hospital Mirpur Mathelo

(b) Engineer's address:

Same as above

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

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

i. Financial capacity:

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

ii. Technical capacity::

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

iii. Construction Capacity:

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

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

(As Per Technically Sanctioned Estimate)

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

(As Per Technically Sanctioned Estimate)

13.1 Amount of Bid Security

5% of Rs: ----- Million i.e Rs: ----- Million

14.1 Period of Bid Validity

90 Days

14.4 Number of Copies of the Bid to be submitted:

One original plus (---) copies.

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

Opposite Old Taluka Hospital Mirpur Mathelo

15.1 Deadline for Submission of Bids

Time: **1:00** PM on ____ - ____ -**2017**.

16.1 Venue, Time, and Date of Bid Opening

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

Time: **2:00** P.M Date: ____ - ____ -**2017**.

16.4 Responsiveness of Bids

- (i) Bid is valid till required period,
- (ii) Bid prices are firm during currency of contract.

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

Fixed Price contract:- In this contract no escalation will be provided during currency of the contract and normally period of completion of this work is upto **(2) months.**

FORM OF BID
(LETTER OF OFFER)

Bid Reference No.

COCONSTRUCTION OF CC PAVER @ JAM ZAFER MOHALLAH DHARKI

To:

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

Gentlemen,

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

_____ for the execution of the above-named works, we, the undersigned, being a company doing business under the name of and address _____

_____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.

2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of _____
_____ drawn in your favour or made payable to you and valid for a period of twenty eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of _____ days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any

time before the expiration of that period.

6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract.
8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

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

(Name of Bidder in Block Capitals)
(Seal)

Address

Witness:

(Signature) _____

Name: _____

Address: _____

[SCHEDULES TO BID INCLUDE THE FOLLOWING:

- Schedule A to Bid: Schedule of Prices

- Schedule B to Bid: Specific Works Data

- Schedule C to Bid: Works to be Performed by Subcontractors

- Schedule D to Bid: Proposed Program of Works

- Schedule E to Bid: Method of Performing Works

- Schedule F to Bid: Integrity Pact]

SCHEDULE - A TO BID

SCHEDULE OF PRICES – SUMMARY OF BID PRICES

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

SCHEDULE - A TO BID

SCHEDULE OF PRICES

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

***SPECIFIC WORKS DATA**

CONDITIONS

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

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS*

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

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

Note:

- * *The Procuring Agency should decide whether to allow subcontracting or not. In case Procuring Agency decides to allow subcontracting then following conditions shall be complied with:*
 1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Agency.
 2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Agency's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
 3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

PROPOSED PROGRAMME OF WORKS

Name of Work:-

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

METHOD OF PERFORMING WORKS

Name of Work:-

The bidder is required to submit a narrative outlining the method of performing the Works.

The narrative should indicate in detail and include but not be limited to:

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

(INTEGRITY PACT)

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

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

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

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

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

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

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

.....
[Procuring Agency]

[Contractor]

SCHEDULE (A)

TERMS & CONDITIONS OF CONTRACT

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

EXECUTIVE ENGINEER
PUBLIC HEALTH ENGG: DIVISION
GHOTKI @ MIRPUR MATHELO

INSTRUCTIONS TO BIDDERS

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

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

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

(hereinafter referred to as —the Works).

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

1.2 Source of Funds

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

IB.2 Eligible Bidders

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

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

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

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

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

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

IB.3 Cost of Bidding

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

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

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

IB.5 Clarification of Bidding Documents

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

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

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

C. PREPARATION OF BIDS

IB.7 Language of Bid

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

IB.8 Documents Comprising the Bid

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

IB.9 Sufficiency of Bid

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

IB.10 Bid Prices, Currency of Bid and Payment

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

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

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

IB.12 Documents Establishing Works' Conformity to Bidding Documents

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

IB.13 Bid Security

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

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

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

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

D. SUBMISSION OF BID

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

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

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

E. BID OPENING AND EVALUATION

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

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

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

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

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

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

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

16.5 A Bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

16.6 Any minor informality or non-conformity or irregularity in a Bid which does not constitute a material deviation (**major deviation**) may be waived by Procuring Agency provided such waiver does not prejudice or affect the relative ranking of any other bidders.

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

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

(B) Minor Deviations

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

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

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

16.8 Evaluated Bid Price

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

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

IB.17 Process to be Confidential

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

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

17.3 Bidders may be excluded if involved in "**Corrupt and Fraudulent Practices**" means either one or any combination of the practices given below SPP Rule2(q);

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

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

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

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

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

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

F. AWARD OF CONTRACT

IB.18. Post Qualification

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

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

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

IB.19 Award Criteria & Procuring Agency's Right

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

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

IB.20 Notification of Award & Signing of Contract Agreement

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

IB.21 Performance Security

21.1 The successful bidder shall furnish to the Procuring Agency a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of fourteen (14) days after the receipt of Letter of Acceptance (SPP 39).

21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

21.3 Publication of Award of Contract: within seven days of the award of contract, the procuring shall publish on the website of the authority and on its own website, if such a website exists, the results of the bidding process, identifying the bid through procurement identifying Number if any and the following information:

- (1) Evaluation Report;
- (2) Form of Contract and letter of Award;
- (3) Bill of Quantities or Schedule of Requirements. (SPP Rule 50)

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

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Procuring Agency)

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

Name of Principal (Bidder) with
address: _____

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

Bid Reference No. _____ Date of Bid _____

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

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

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

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