



Karachi Water & Sewerage Board
EXECUTIVE ENGINEER
(Canal Maintenance Division)

Cell # 0333-4580891

NO. E.E/CMD/KWSB/2015/ 184

Dated 27.4.2015

To.

The Manager (CB),
SPPRA,
Karachi.

SUBJECT:- N.I.T. NO. EE/CMD/ACCTT/KW&SB/2014/616, DATED 24-12-2014
KWSB-B/DPR/2015/03, INF - KRY 48/15, SPPRA SR. # 22341

With reference to above, it is intimated that the following documents under Rule-50 of SPPR-2010 are enclosed herewith:-

- 1) Agreement
- 2) SPPR Bidding Documents (*already submitted*)
- 3) Contract Evaluation Form
- 4) Letter of Acceptance.
- 5) Work Order
- 6) Bill of Quantities.
- 7) Integrity Pact.

[Signature]
27.4.2015
Executive Engineer
Canal Maintenance Division
KW&SB

Copy to :-

1. The D.M.D (T.S), KWSB.
2. The C.E(B.T), KWSB.
3. The S.E(BWSC-I), KWSB.

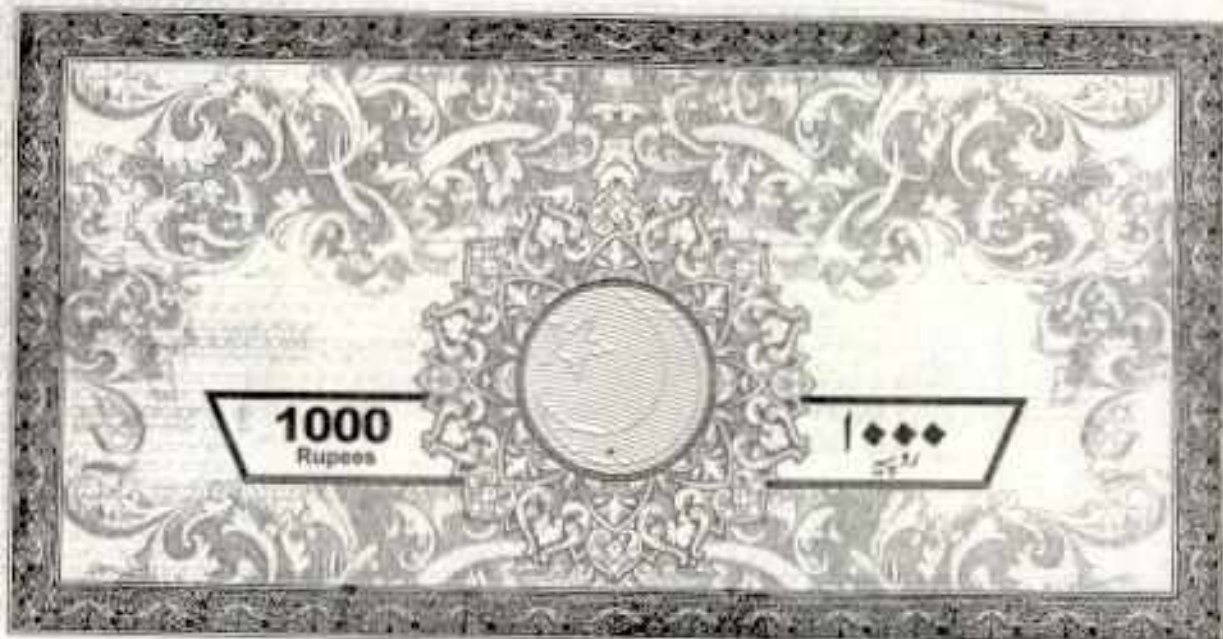
SPPRA INWARD DIARY

NO:

DATED:

6247
30/4/15

30/4
DD(A/F)
put up
JP
4/5
Amm


STAMP OFFICE CITY COURT KARACHI.

Issued to M/s. Malik & Co.
 NTN Company Card No. 1000
 Vide D.S.R. No. 1 dated 31.1.16
 On behalf of challan No. 1 Dt. 31.3.16
 for the purpose of 10
 S. No. 1 Dated 31.3.16

AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the - Agreement) made on the 24th day of April 2016 between Karachi Water & Sewerage Board (hereinafter called the Procuring Agency) of the one part and M/s. Malik & Co (hereinafter called the Contractor) of the other part.

WHEREAS the Procuring Agency is desirous that certain Works, viz **"ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA"** under SPPRA-2010 on the basis of quoted bid / assessed cost amounting to Rs. 3,07,40,000/- (Rupees Three Crore Seven Lac Forty Thousand Only) as assessed by Procurement Committee-I, vide Para 34/N to 42/N and Financial Concurrence accorded by Finance Department against B.G. No. 3158-96 under ADP Scheme (Gr.Sr. No.1086) wherein Rs.30.740 Million has been allocated in the current financial year budget 2014-15 and approved by the Chairman, KWSB as per Para 66/N on the restricted cost of Rs.307,40,000 as per approved PC-I Cost at this stage, keeping in view of importance / urgency of work, the case for the approval / release of additional cost of Rs.34,15,270/- is being sent to Govt. of Sindh. The subject work should be executed by the contractor M/s. Malik & Co. and he has accepted the bid for the execution and completion of such works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices/Bill of quantities (BOQ);
 - (e) The Specifications; and
 - (f) The Drawings

3 In consideration of the payments to be made by the Procuring Agency to the



ARIF BAIG STAMP VENDOR

Licence No. 09, Shop No. 16, Block-14,
Karim Plaza, Gulshan-e-Iqbal, Karachi.

S. No. 075751 Date 06 APR 2015

Issued to With Address ARIF BAIG
Through With Address ARIF BAIG

Value Rs. 50 Attached 50

Stamp Vendor's Signature [Signature]
Not For Used Bank Guaranty/will/divorce
Vendor Not Responsible Any Fake Documentation

4. The Procuring Agency hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

[Signature]
M/s. Malik & Co.
Contractor

[Signature]
Executive Engineer
(Canal Maintenance Divn.),
KW&SB.

[Signature]
Superintending Engineer
(BWSC), K.W.&S.B.

[Signature]
Chief Engineer(B.T&D),
K.W.&S.B.

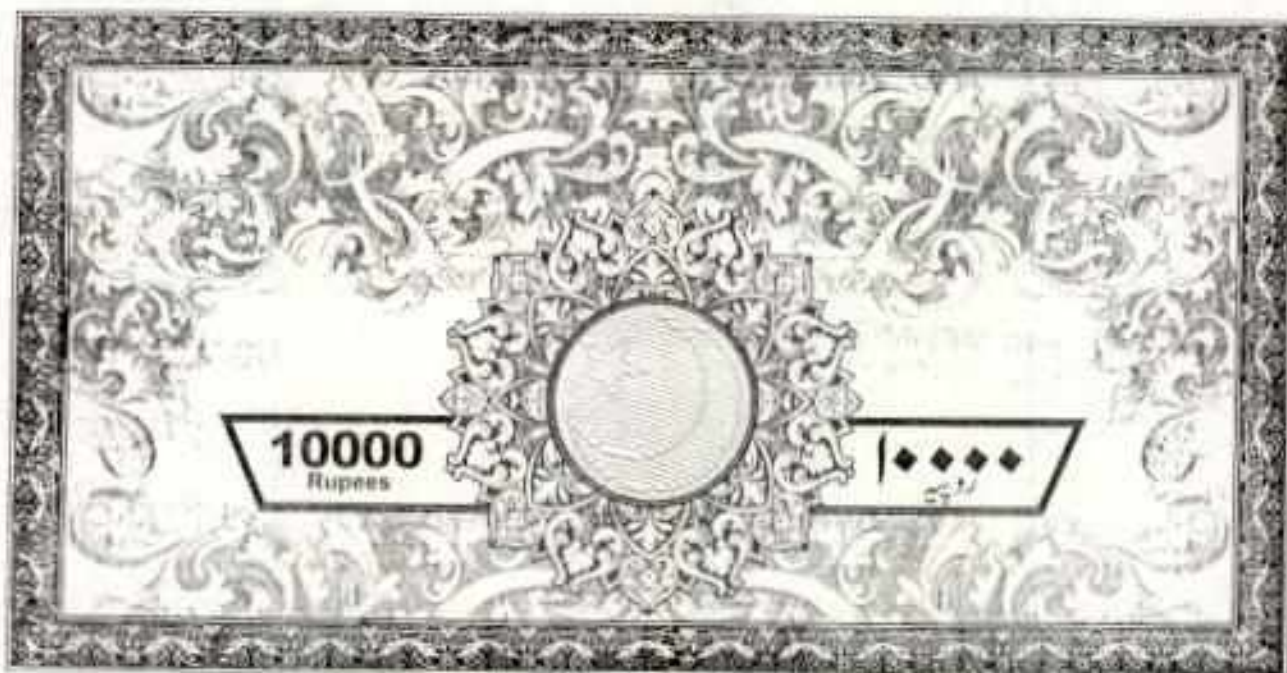
Signed, Sealed and Delivered in the presence of:

Witness: [Signature]

Witness: [Signature]

ALAM ZAIB (42401-0540225-5)
(Name, Title and Address)
M/S N.I.C BUILDERS
ITTEHAD TOWN HOUSE NO 10
BALDIA TOWN KARACHI

M/S Kashif Engg works
(Name, Title and Address)



SIAMP OFFICE CITY COURT, KARACHI.

Issued to Zohra Mahmood

NIC/Company Card No. 4492

Serial D.S.R. No. 4 dated 3.4.18

On behalf of challan No. 42 Dt. 3.4.18

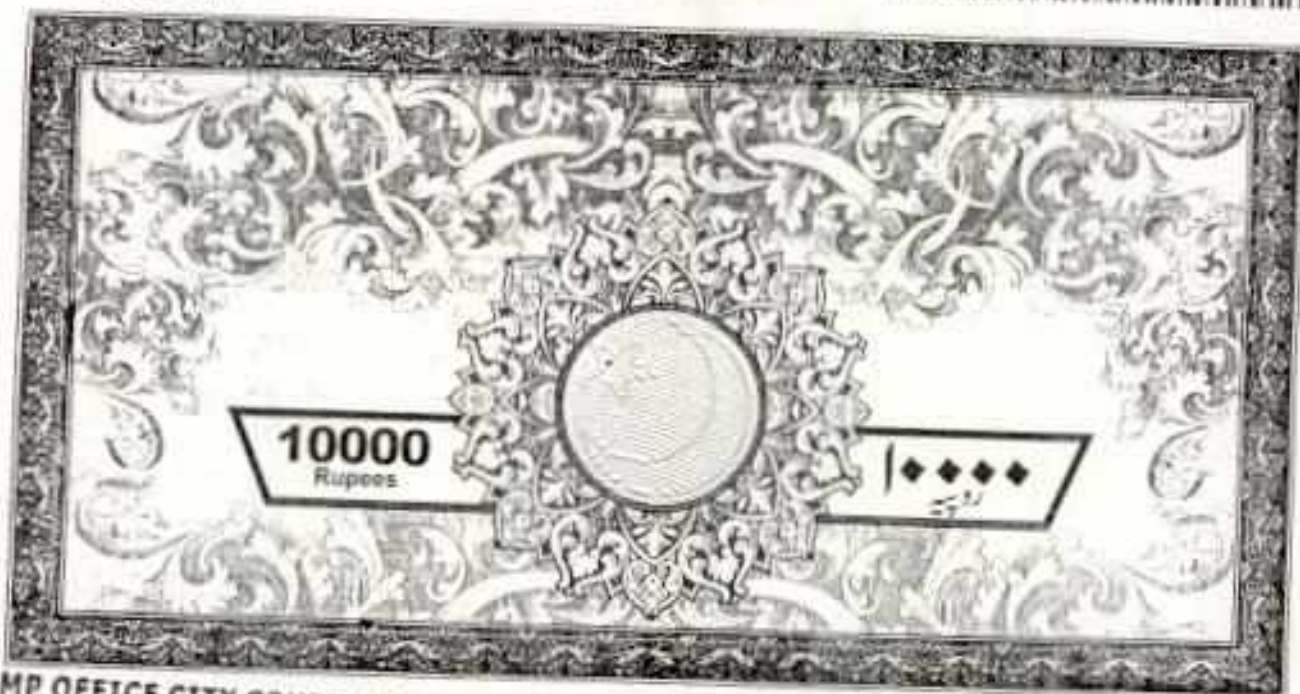
for the purpose of ...

Dated 3.4.18

[Signature]
Ex. Office Sindh

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA

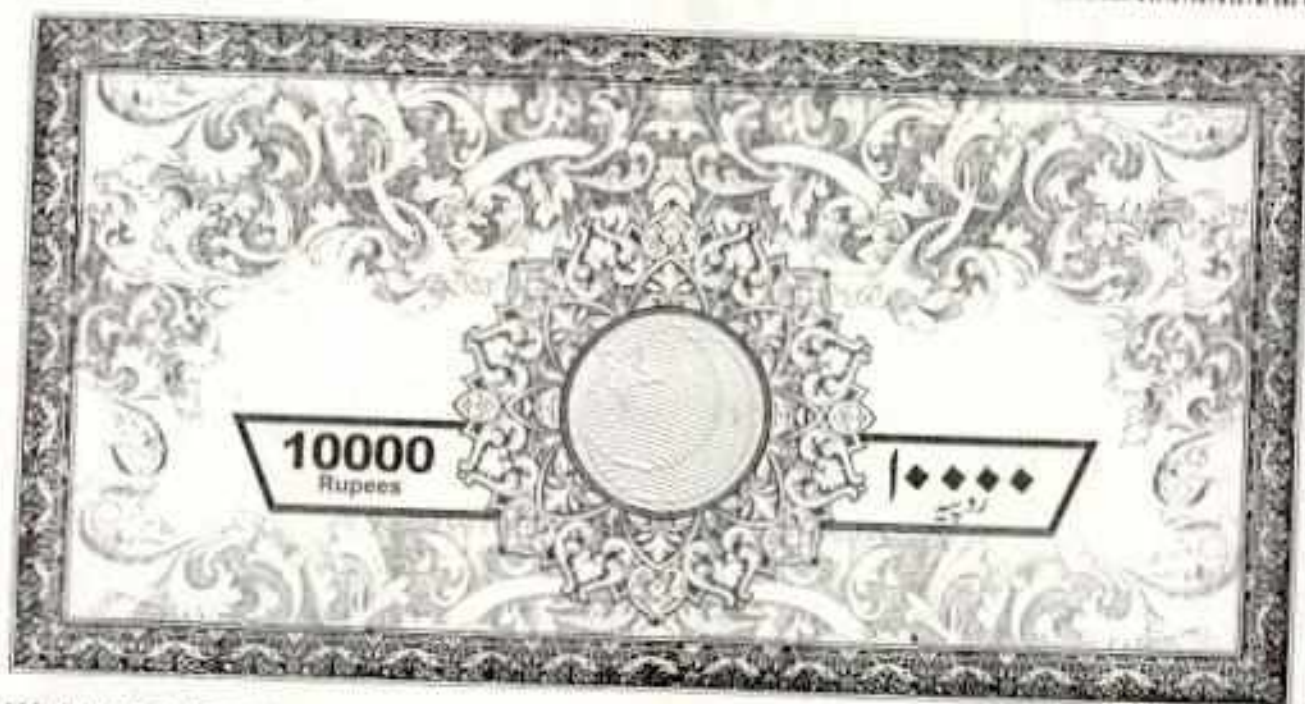


STAMP OFFICE CITY COURT, KARACHI
 Issued to Zahid Mehmood
 NIC/Company Card No. 4484
 D.S.R. No. 1 dated 9-4-15
 On behalf of challan No. 23 Dt. 9-4-15
 for the purpose of S.O.
 S. No. 1 Dated 9-4-15

[Signature]
 Sr. Officer Stamps

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
 TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI.

Issued to Zahid Mahmood Ad

NIC/Company Card No. 4494

Case D.S.R. No. 1 dated 9-4-15

On behalf of challan No. 23 Dt. 9-4-15

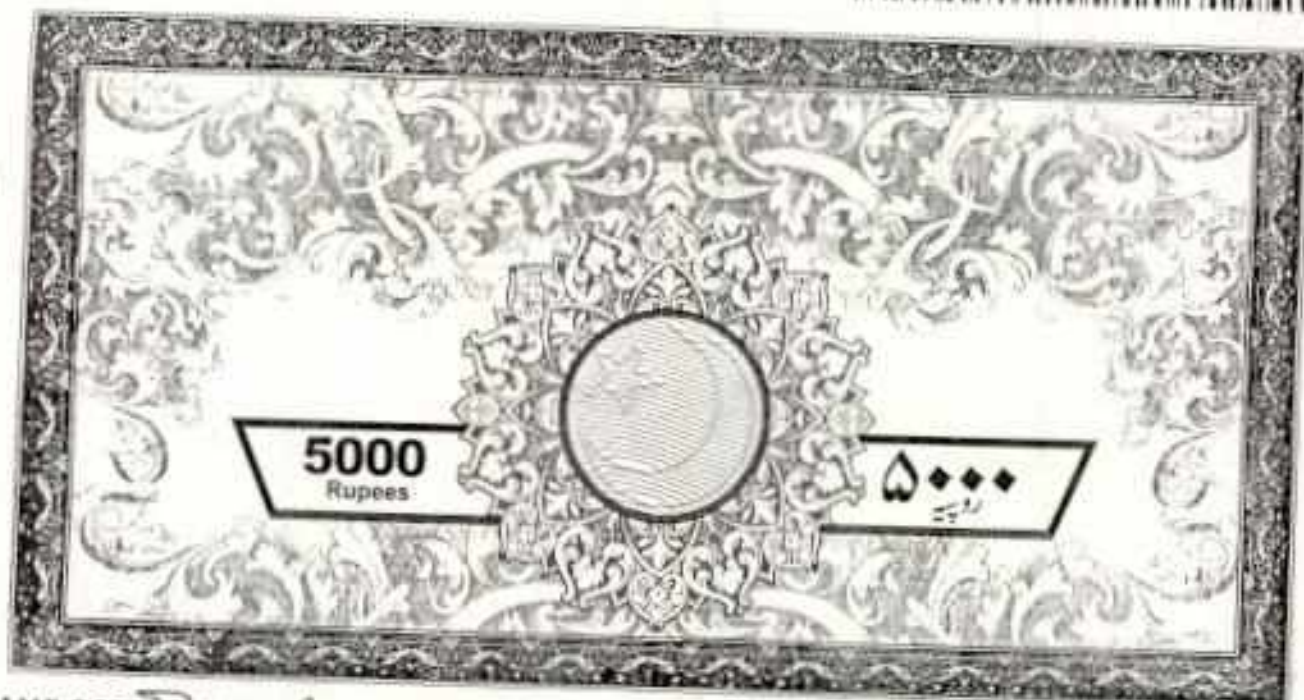
for the purpose of S.D.

W/No. 1 Dated 9-4-15

[Signature]
Ex. Office Stamp

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI
 Issued to Rahim Khan
 NIC/Company Card No. 6-1
 Date D.S.R. No. 1 dated 9.4.15
 On behalf of challan No. 27 Dt. 9.4.15
 for the purpose of 19
 E. No. 1 Dated 9.4.15

[Signature]
 Ex. Officer Danda

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
 TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI.

Issued to Rahid

NFC/Company Card No. _____

Value D.S.R. No. 1 dated 9.4.15

On behalf of challan No. 23 Dt. 9.4.15

for the purpose of 1

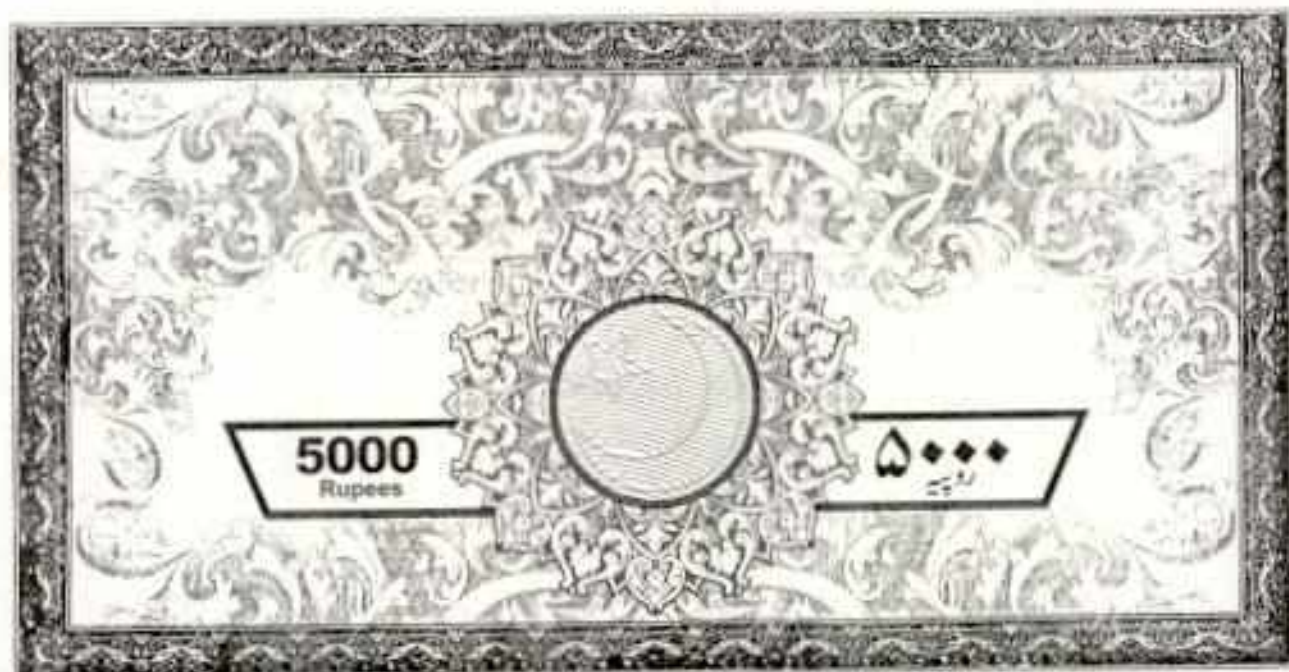
E. No. _____ Dated 9.4.15

[Signature]

Es. Office Ponda

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI

Issued to Rahim Khan

NIC/Company Card No. _____

V.D.S.R. No. 1 dated 9.4.16

On behalf of challan No: 13 Dt. 9.4.16

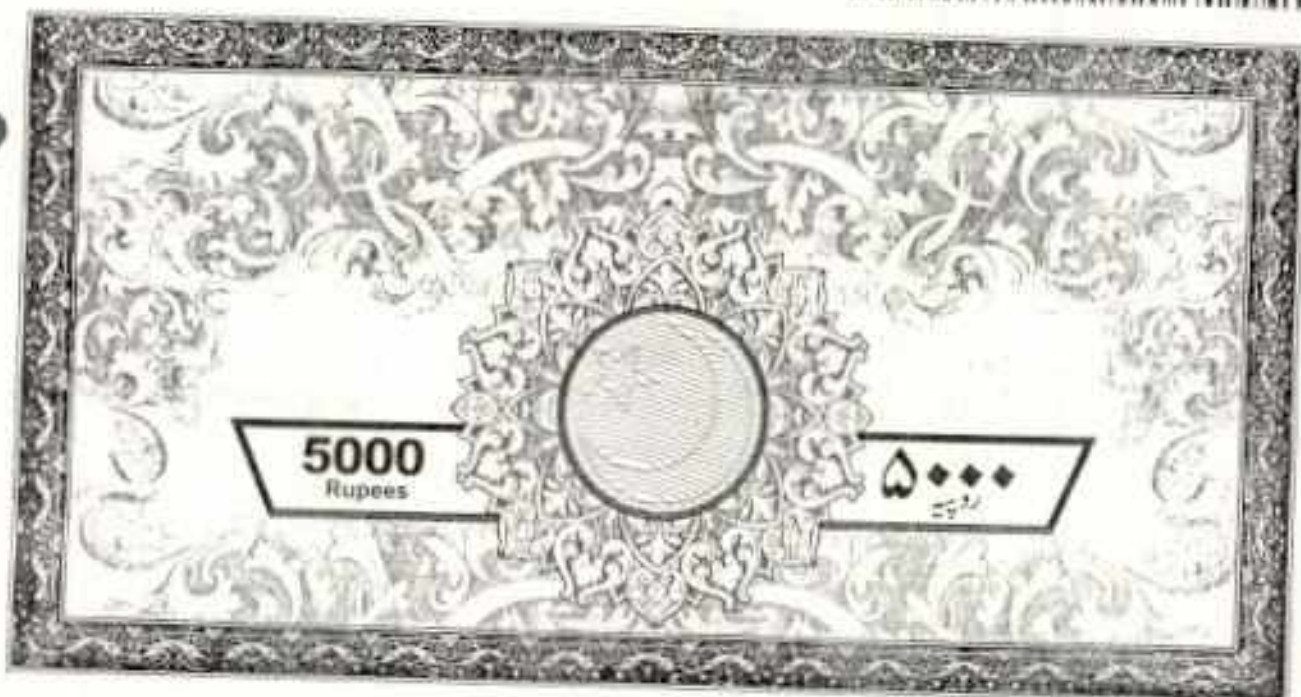
for the purpose of RD

Dated 9.4.16

[Signature]
Ex. Office Danda

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA



CAMP OFFICE CITY COURT, KARACHI

Issued to Rahim Feroze

Company Card No.

S.R. No. dated 9.4.15

On behalf of challan No. 25 Dt. 15.4.15

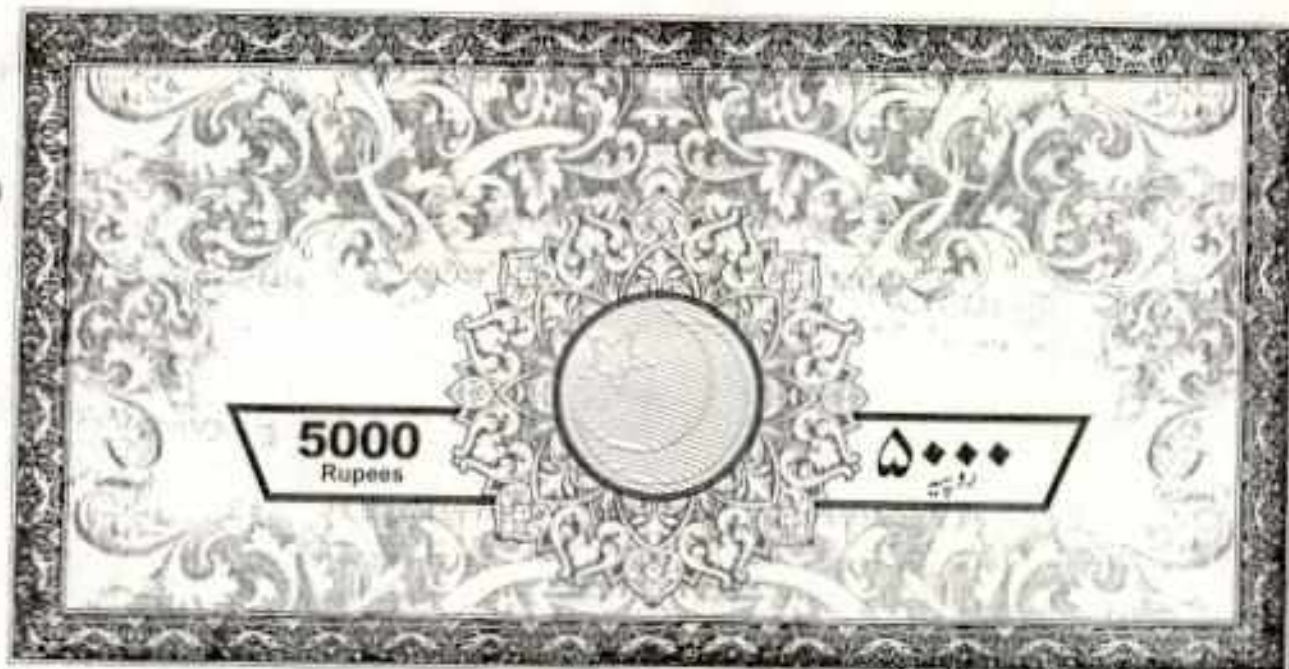
The purpose of

For Dated 9.4.15

[Signature]
Ex. Office Danda

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



CAMP OFFICE CITY COURT, KARACHI

Issued to Zahid Muhammad

MTC/Company Card No. 3482

V.V.S. No. 7 dated 3-4-15

On behalf of challan No. 42 Dt. 3-4-15

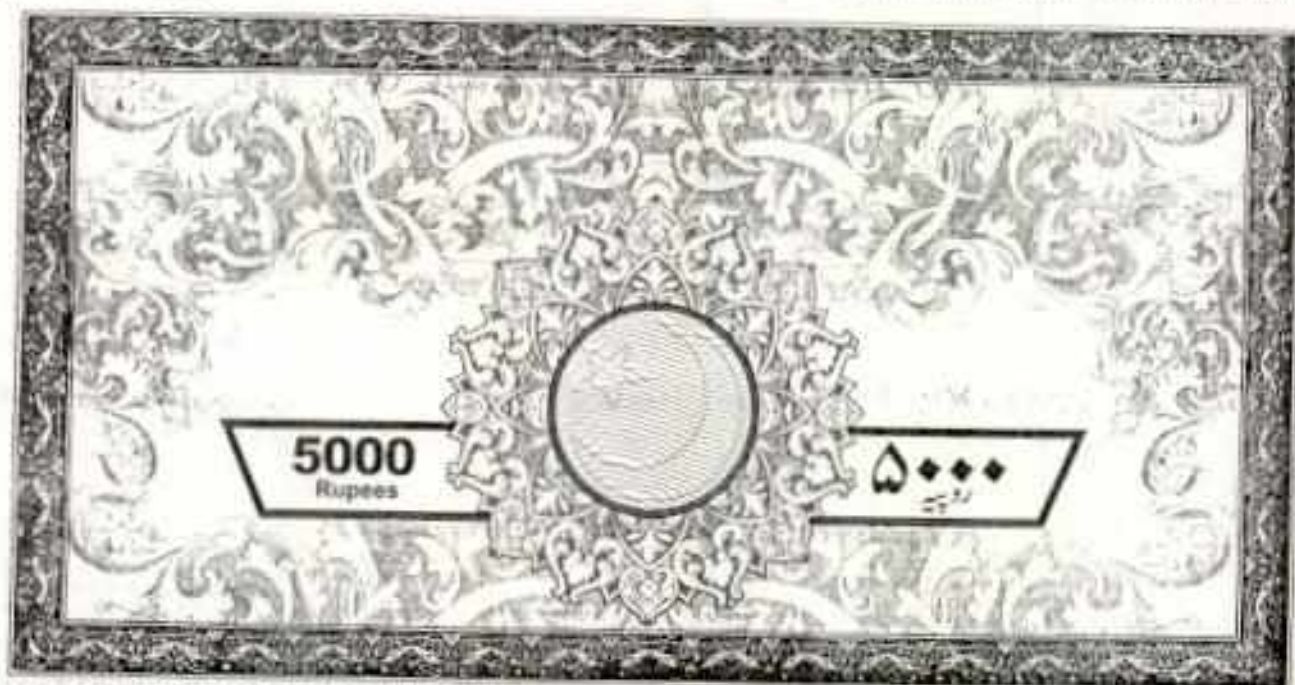
for the purpose of 3-11

to No. 4 dated 3-4-15

[Signature]
 Sr. Office Clerk

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



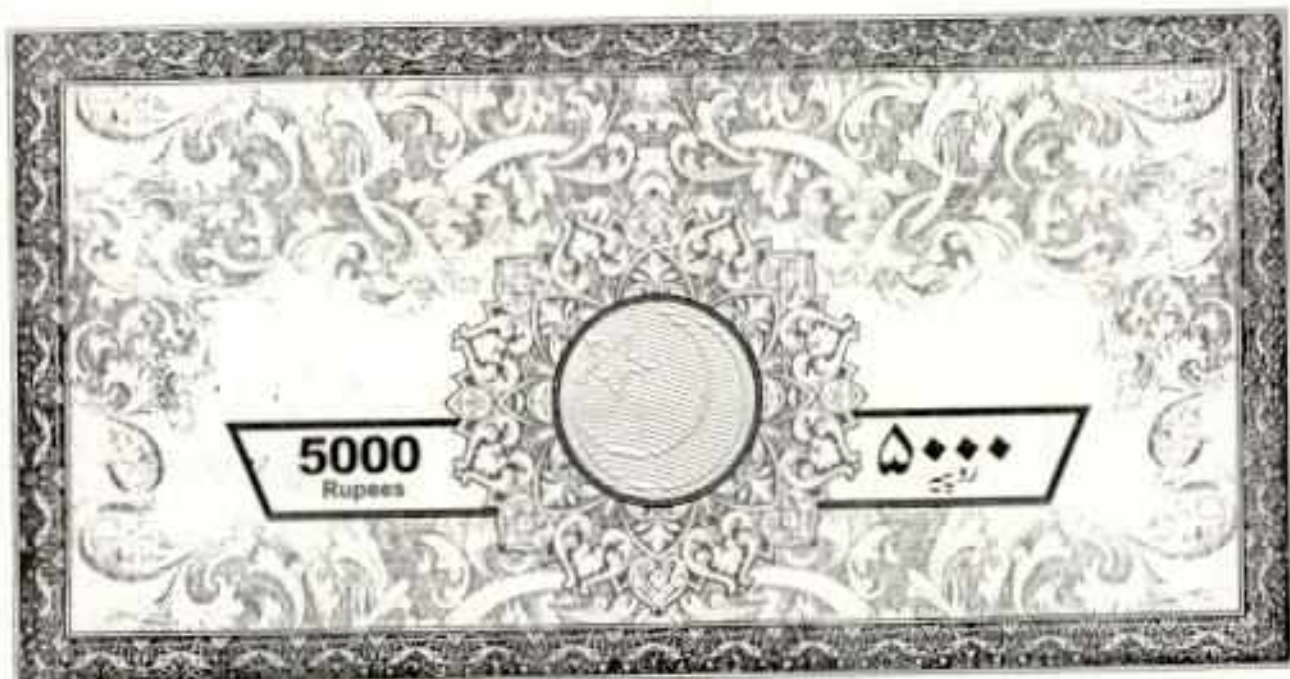
STAMP OFFICE CITY COURT, KARACHI

Issued to Zohid Mahmood
 NTC/Company Card No. 4494
 Vide D.S.R. No. 4 dated 3-4-15
 in behalf of challan No. 42 of 3-4-15
 for the purpose of 3-2
 M. No. 4 Dated 3-4-15

[Signature]
 Sr. Office Steno

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
 TESTING LABORATORY AT CHILYA



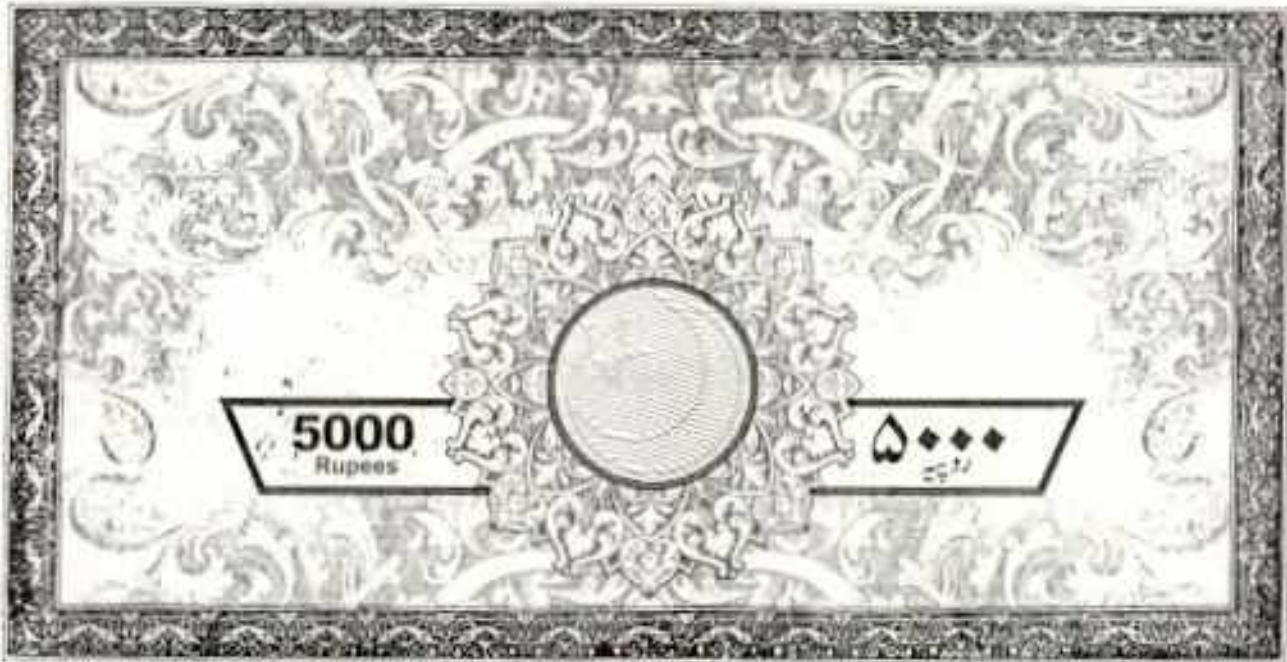
STAMP OFFICE CITY COURT, KARACHI.

Issued to Zahid Mehmood
 NIC/Company Card No. 4494
 Vide D.S.R. No. 2 dated 20.3.15
 On behalf of challan No. 33 Dt. 20.3.15
 for the purpose of S.O.
 Sl. No. 2 Dated 20.3.15

[Signature]
 Ex. Officer Qanda

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
 TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI.

Issued to Rehman Ahmad Ali

NIC/Company Card No. 4499

vide D.S.R. No. 2 dated 20.3.15

in behalf of challan No. 53 Dt. 20.3.15

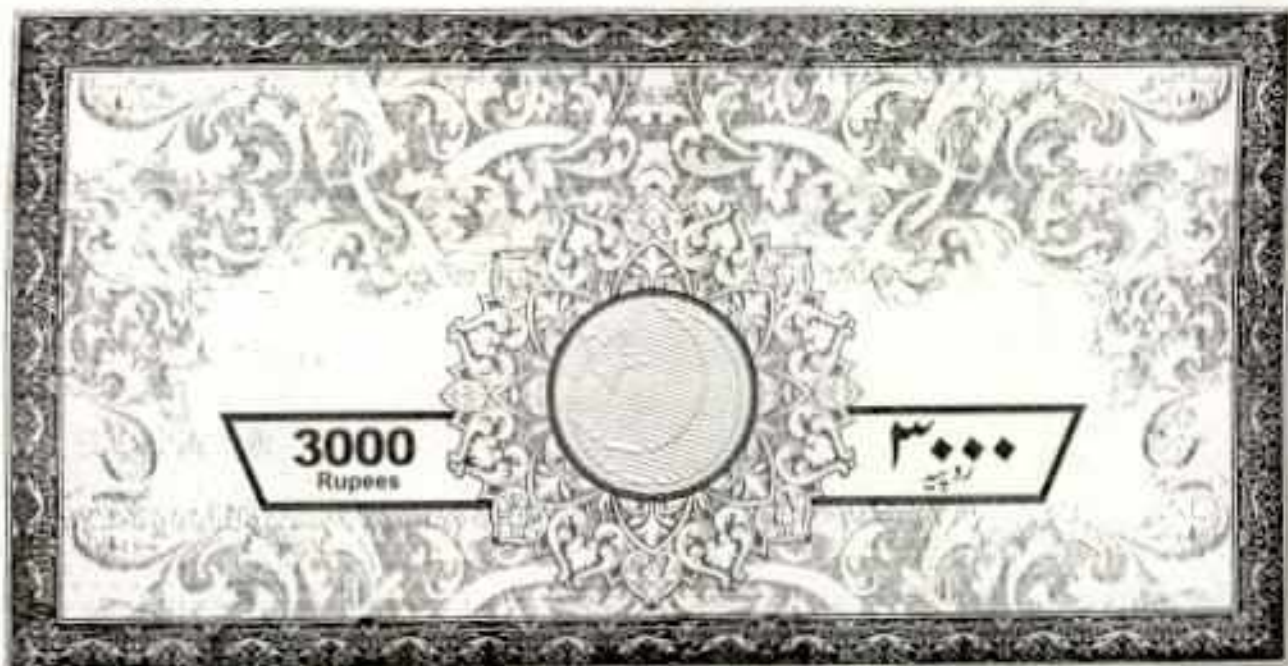
for the purpose of S.D.

E. No. 2 Dated 20.3.15

[Signature]
Sr. Office Order

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI.

Issued to Zahid Mehmood Ad

NIC/Company Card No. 4494

Vine D.S.R. No. 1 dated 2-4-15

Serial of challan No. 3 Dt. 7-4-15

for the purpose of S.O.

Sl. No. 1 Dated 7-4-15

[Signature]
Ex. Office Stamp

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
TESTING LABORATORY AT CHILYA



STAMP OFFICE CITY COURT, KARACHI.

Issued to Zahid Mehmood / Ret

NIC/Company Card No. 444

Visa S.R. No. 1 dated 7-4-15

In behalf of challan No. 3 Dt. 7-4-15

For the amount of 5-00

R. No. 1 Dated 7-4-15

[Signature]
 Sr. Office Clerk

FOR THE WORK :

ESTABLISHMENT / CONSTRUCTION OF WATER
 TESTING LABORATORY AT CHILYA

**SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY
CONTRACT EVALUATION FORM**
TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF
WORKS, SERVICES & GOODS WORTH 50 MILLION (PKR) OR ABOVE

- | | |
|---|---|
| 1) NAME OF THE ORGANIZATION / DEPTT. | <u>Canal Maintenance Division, KW&SB</u> |
| 2) PROVINCIAL / LOCAL GOVT. / OTHER | <u>Local Govt. Department</u> |
| 3) TITLE OF CONTRACT | <u>ESTABLISHMENT /
CONSTRUCTION OF WATER
TESTING LABORATORY AT
CHILYA</u> |
| 4) TENDER NUMBER | <u>22341 I.D. No. /2014</u> |
| 5) BRIEF DESCRIPTION OF CONTRACT | <u>To provide safe drinking water to Karachi
Metropolitan City</u> |
| 6) FORUM THAT APPROVED THE SCHEME | <u>DDWP FORUM</u> <u>Chairman, KW&SB</u> |
| 7) TENDER ESTIMATED VALUE | <u>Rs. 30.740 Million</u> |
| 8) ENGINEER'S ESTIMATE
(FOR CIVIL WORKS ONLY) | <u>Rs. 30.740 Million</u> |
| 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) | <u>180 Days</u> |
| 10) TENDER OPENED ON (DATE & TIME) | <u>20-01-2015 at 02:30 AM</u> |
| 11) NUMBER OF TENDER DOCUMENTS SOLD
(ATTACH LIST OF BUYERS) | <u>17 Nos.</u> |
| 12) NUMBER OF BIDS RECEIVED | <u>05 Nos.</u> |
| 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF
OPENING OF BIDS | <u>04 Nos.</u> |
| 14) BID EVALUATION REPORT
(ENCLOSE A COPY) | <u>Copy attached</u> |
| 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER | <u>M/s. Malik & Co.</u> ✓ |
| 16) CONTRACT AWARD PRICE | <u>Rs. 3,07,40,000/-</u> ✓ |
| 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION
REPORT
(I.E. 1 ST , 2 ND , 3 RD EVALUATION BID) | <ul style="list-style-type: none"> • <u>M/s. Malik & Co. (Substantially responsive)</u> • <u>M/s. G. M. Enterprise (Un-responsive)</u> • <u>M/s. Mohammad Siddique & Bros. (Un-responsive)</u> • <u>M/s. Khyber Builder (Un-responsive)</u> • <u>M/s. Fasehat & Co. (Not quoted)</u> |
| 18) METHOD OF PROCUREMENT USED - (TICK ONE) | |
| a) SINGLE STAGE-ONE ENVELOPE PROCEDURE _____ | <input type="checkbox"/> |
| b) SINGLE STAGE-TWO ENVELOPE PROCEDURE _____ | <input type="checkbox"/> |
| c) TWO STAGE BIDDING PROCEDURE _____ | <input type="checkbox"/> |
| d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE _____ | <input type="checkbox"/> |

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED I.e. EMERGENCY, DIRECT CONTRACTING / NEGOTIATION ETC. WITH BRIEF REASONS

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Chairman KWSB.

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes No

21) Advertisement

i) SPPRA website
(if yes, give date and SPPRA identification No.)

Yes	22341 I.D. No. 2014
No	

ii) News Papers
(if yes, give names of newspapers and dates)

Yes	Through Press / Website 1) Daily Dawn(09-01-15) 2) Daily JANG(09-01-15) 3) Daily Express(09-01-15) 4) Daily Sooch (09-01-15)
No	No.

22) NATURE OF CONTRACT

Domestic Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes No

24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes No

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes No

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes No

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of consultancies)

Yes No

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes No

29) Whether names of the bidders and their quoted prices were read out at the time of opening of bids?

Yes No

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
(Attach copy of the bid evaluation report)

Yes No

31) ANY COMPLAINTS RECEIVED
(if yes, result thereof)

Yes	
No	✓

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER
NOTICE / DOCUMENTS
(if yes, give reasons)

Yes	
No	✓

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(if yes, give reasons)

Yes	
No	✓

34) DEVIATION FROM QUALIFICATION CRITERIA
(if yes give reasons)

Yes	
No	✓

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE
SELECTED FIRM IS NOT BLACK LISTED

Yes	✓	No	
-----	---	----	--

36) WAS A VISIT MADE BY ANY OFFICER / OFFICIAL OF THE
PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN
CONNECTION WITH THE PROCUREMENT? IF SO, DETAIL TO BE
ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD
(if yes, enclosed a copy)

Yes		No	✓
-----	--	----	---


37) Were proper safeguards provided on mobilization advance payment in the
contract (Bank guarantee etc.)?

Yes		No	✓
-----	--	----	---

38) Special conditions, if any
(if yes, give brief Description)

Yes	
No	✓

Signature & Official Stamp of
AUTHORIZED OFFICER
FOR OFFICE USE ONLY


Muhammad Iqbal Palijo
Executive Engineer (Civil)
Canal Maintenance Division
K.W & S.B.



Karachi Water & Sewerage Board

Office of the Chief Engineer (BULK TRANSMISSION & DISTRIBUTION) Block "B", 9th Mile Karsaz, Karachi.

Tele No. 021-99241130

No. C.E (B.T&D)/Acctt/KW&SB/2014-15/87

Dated: 22-4-2015

To,

M/s. Malik & Co.,
Office # 8, Mezzanine Floor,
Rafi Mansion,
Opp. P.S. Airport Shahrah-e-Faisal,
KARACHI

SANCTION LETTER / LETTER OF ACCEPTANCE

SUBJECT: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA

It is to notify that your quoted bid for the tender dated 29-01-2015 which was opened on 30-01-2015, due to strike in the city of tender opening date i.e. 29-01-2015, having SPPRA Serial No.22341 which is evaluated / corrected and modified in accordance with the instruction to bidders costing to Rs.34,155,240/- under SPPR 2010 is hereby approved / sanctioned by the Competent Authority on the restricted cost of Rs.30,740,000 as per approved PC-I cost vide Para-64/N to 68/N, against B.G. No.3158-96 for the financial year 2014-2015, the case for the approval and release of additional cost of Rs.34,15,270 which is being sent to Govt. of Sindh.

You are therefore directed to attend the office of the E.E (Canal Maintenance Division) by confirming the receipt and accepting the Letter of Acceptance / Sanction Letter of sanctioned cost i.e. Rs.30,740,000/- at this stage furnish 5% performance security costing of Rs.15,37,000/- in shape of pay order, Bank Draft or Bank Guarantee from any schedule bank in f/o. KW&SB alongwith non-judicial stamp paper @0.30% of the Sanctioned Cost i.e Rs.92,220/- for signing the agreement within twenty eight days positively, the 5% Retention Money / Security Deposit will be deducted from the R/A bills in accordance with the conditions of contract.

Chief Engineer (B.T&D)
KW&SB

Copy to:-

1. The Dy. Managing Director(T.S), KW&SB.
2. The Superintending Engineer (BWSC), KW&SB.
3. The Executive Engineer (CMD), KW&SB.
4. The Accounts Officer (BT), KW&SB.
5. Office Copy.



Karachi Water & Sewerage Board
EXECUTIVE ENGINEER
(Canal Maintenance Division)

Cell # 0333-4580891

NO: E E/CMD/KWSB/2015/ 183

Dated 27.4.2015

To,

M/s. Malik & Co.,
Office # 8, Mezzanine Floor,
Rafi Mansion,
Opp. P.S. Airport Shahrah-e-Faisal,
KARACHI

LETTER OF COMMENCEMENT / WORK ORDER

SUBJECT: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING
LABORATORY AT CHILYA.

Consequent upon the submission of the Performance Guarantee in shape of Bank Guarantee in accordance with the conditions of Contract and Letter of Acceptance vide No. C.E (B.T&D)/Acct/KW&SB/2014-15/87 dated 22-04-2015, amounting to Rs.3,07,40,000/- and subsequent verification of the same by the issuing Bank, United Bank Limited, SITE Branch, Karachi, vide No. LG # 960/2015, dated 24-04-2015, and agreement was also signed on 24-04-2015, you are hereby directed to commence the work in strict accordance with the contract with due expedition and diligence.

In this connection, you are hereby directed to start the work immediately and completed within the stipulated time period i.e. 180 days.

Please note that work shall be carried out strictly according to specification.

27.4.2015
Executive Engineer
Canal Maintenance Division
KW&SB

Copy to :-

1. The M.D., KWSB.
2. The D.M.D(T.S), KWSB.
3. The C.E(B.T), KWSB.
4. The S.E(BWSC), KWSB.
5. Office copy.

Handwritten initials and a circled number '3'.

SCHEDULE OF PRICES - SUMMARY OF BID PRICES (Sample)

Bill No.	Description	Total Amount (Rs)
	(A) Building Work	
1.	Civil works	
2.	Internal sanitary and water supply	
3.	Electrification	
4.	External Development works	
5.	Miscellaneous Items	15566570
	(B) Road Work.	
1.	Earthwork	
2.	Hard Crust and Surface Treatment	
3.	Culverts and Bridges	
4.	Miscellaneous Items	6007828
	(C) Public Health Engineering Works.	
1.	Earthwork	
2.	Subsurface Drains	
3.	Pipe Laying and Man holes	
4.	Tube wells, Pump houses	
5.	Compound wall	
6.	Miscellaneous Items	9867259
	D - Vehicle	2719759
		3,41,61,416/-
	Three Crores forty one lac sixty one thousand four hundred sixteen only.	
Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid)		
(In words).		

Handwritten signature and a circular stamp of 'S. S. & COMPANY' with 'Karnal' written inside.

OFFICE OF THE EXECUTIVE ENGINEER
CANAL MAINTENANCE DIVISION, KW&SE

(Handwritten signature)
13/5/91

B.O.Q.

SUBJECT: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING
LABORATORY AT CHILYA

LABORATORY AT CHILLYA

Part - A (Building Work)

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
1.	Excavation in rock dressed to design grade and profiles excavated material disposal of within 100 ft. lift upto 5-0 feet.	6353	12159.60	%Cft	77250
2.	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering.) 1:4:8	2192	13546.50	%Cft	296939
3.	Course rubble masonry including hammer dressing (d) Cement sand mortar (iv) Ratio 1:6	5247	30385.20	%Cft	1594311
4.	Damp proof course with (cement sand and shingle concrete 1:2:4) including 2 coats of asphalt mixture. 'b) 2" thick	1462	4695.42	%Sft	68647
5.	Course Rubble masonry hammer dressed (d) in cement sand mortar (l) Ratio 1:3	11224	33222.76	%Cft	3728922
6.	P/L 2" thick topping cement concrete 1:2:4 i/c surface finishing & dividing into panel (2" thick).	4031.10	3930.60	%Sft	158446
7.	P/L 1" thick topping cement concrete 1:2:4 i/c surface finishing & dividing into panel (1 1/2" thick)	2880.75	3057.95	%Sft	88092
8.	Two coats of bitumen laid hot using 34 Lbs % sq. ft. over roof or blinded with sand at one cft per 100 sq. ft.	2880.75	2264.88	%Sft	65245



04 (3/5)

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
9	First class deodar wood wrought joinery in door & windows etc fixed in position i/c chowhat hold fast, hinges, iron tower bolt, chock, handles & cord with hook etc deodar paneled or glazing or fully glazed (b) 1 1/2" thick.	491	1528.51	P/Sft	750499
10	Making & Fixing steel grated door with 1 / 16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4 square bars 4" centre to centre with locking arrangement	96.00	872.06	P/Sft	83718
11	Distemping two coats.	6658	1252.68	%Sft	83403
12	Painting doors & windows any type 657.91+502.15 = 1160.06	1457	1392.07	%Sft	20282
13	Providing & laying 1:3:6 cement concrete solid block masonry wall 6" & below in thickness set in 1:6 cement mortar in ground floor super structure i/c racking joint, curing etc	160.50	18925.21	%Sft	30375
14	Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position making joints & fastening including cost of binding wires (also includes removal of rust (b) using T.O.R. bar	203.11	6002.04	picwt	1219074
15	Cement plaster 1:4 upto 12-0 (b) 3/8" thick	5422	2637.02	%Sft	142979
16	Cement plaster 1:4 upto 12-0 (b) 1/2" thick	7917	2740.72	%Sft	216982
17	Cement pointing flush on stone work raised in cement Mortar 1:3.	8278	2109.70	%Sft	174641

Prakash


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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
18	Reinforcement concrete work i/c all labours & materials except the cost of steel reinforcement and its labour for bending & binding which will be paid separately. This rats also include all kinds of forms moulds. Lifting, shuttering, curing, rendering & finishing the exposed surface including screening & washing of shingle.	4686.27	404.40	P/Cft	1895128
19	Laying floor of approved coloured glaze tiles 1/4" thick laid in white cement and pigment on a bed of 3/4" thick cement mortar 1:2.	1380	33296.47	%Sft	459491
20	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	892.50	33958.8	%Sft	303083
21	P/F brass bracket fan (exhaust) 18" (good quality)	4.00	3349.20	Each	13397
22	Supplying & fixing false ceiling of plaster of Paris in panels i/c making frame work of deodar wood i/c painting with soligra paint.	616.00	30352.10	%Sft	186969
23	Supplying & fixing window printed blinds (Horizontal / vertical) with plain designed of approved colour i/c fixing with necessary accessories.	251.00	109.33	p/ Sft	27442
24	Laying white marble flooring fine dressed on the surface without winding set in lime mortar 1:2 including rubbing and polishing of the joints. a) 3/4" thick flooring	312.00	680.98	P/Sft	212464

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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
25	P/F 25x18" lavatory basin in white glazed earthen ware complete with and i/c the cost of WI or CI cantilever brackets 6" built into walls, painted white in two coats after a primary coats of red lead paint 3/8" dia chrome plated mixture 1 1/4" dia brass waste of approved pattern 1 1/4" dia mealable or CP brass traps mealable iron or brass unions and making requisite number of holes in walls plinth and floor for pipe connections and making good in CC 1:2:4 (Foreign or equivalent)	4.00	5913.60	Each	23654
26	Add extra for labor for providing & fixing of earthen wave pedestal white or colored glazed (Foreign or equivalent)	02	3040.16	Each	6080
27	Fixing in position aluminum channel framing for sliding window & ventilator of alcove made with 5mm thick tinted glass glazing (Belgium) & aluminum fly screen i/c handles, stoppers, locking arrangements etc complete (b) deluxe model (Bronze).	155	1977.23	P / Sft	306470
28	P/F deodar wooden wardrobe i/c boxing with back shelves, shutter, drawers or brass fitting such as handle, locking arrangement etc.	78	2837.56	P / Sft	221329
29	Supplying & fixing in position iron / steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coats etc. complete (weight not to be less than 3.7 Lbs/Sq. Foot of finished grill).	160.00	216.60	P / Sft	34656
30	P/F Laboratory sink mixture i/c labour charges & cartage.	4.00	3294.72	Each	13179

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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
31	Nylon wire gray e 144 mesh / sq. inch fixed to chawked with 3/4" deodar strips & screw.	160.00	232.24	P / Stt	37158
32	Aluminum wire gauge & 144 mesh per square fixed to chawkat.	160.00	124.98	P / Stt	19997
33	Excavation for pipe line in trenches and pits in hard rock by hammering and chiseling i/c trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge, providing fence guards, lights, flags, sand temporary crossing fro non- vehicular traffic wherever required lift upto 5 ft. (1.52 m) and lead upto one chain (40.5 m).	6000.00	28980	%OCft	173880
34	P/ M/H 4' internal dia meter with out RCC Manhole Cover with C.I. Frame (15 Kg) and 5 feet clear depth cast in situ 1:2:4, using 50% crush stone and 50% graded bajri 9" thick wall, 1:4:8 c.c. in foundation, 1:2:4 cc benching 1/2" thick cement plaster 1:3 cement mortar on inside wall and surfaces of the channel and benching to top including making required number of main or branches channel 3/4" dia brass M.S. Foot Rest at 12" CC i/c cost of excavation in all kind of soil back filling and disposal of excavation stuff etc complete as per design and instruction of Engineer Incharge.	10	17435.15	Each	174351

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2 (13/5)

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
35	Providing & laying RCC Pipe of ASTM C-78-62 i/c 76-70 of class-II wall B & fixing in trenches i/c cutting fitting ejecting with rubber ring i/c testing with water to specified pressure 12" dia.	500.00	440.40	P / Rft	220200
36	Making connection with the existing manholes i/c the cost of cutting holes in walls making them good in C.C. 1:2:4 and making required channel etc complete.	1.00	216	Each	216
37	Refilling the excavated stuff in trenches 6" thick.	5388	3312	%DCft	17845
38	Providing G.I. Pipes & special clamps etc i/c fixing, cutting & fitting etc complete with & i/c the cost of breaking through walls & roof making good etc painting two coats after cleaning the pipe etc with white zinc paint with pigment to match the colours of building and testing to a pressure head of 200 ft. handling.				
	a) 1" dia G.I. Pipe	100.00	154.26	P / Rft	15426
	b) 3/4" dia G.I. Pipe	400.00	114.95	P / Rft	45979
	c) 1/2" dia G.I. Pipe	450.00	87.85	P / Rft	39533
39	P/F steel sink stainless local made comp. with C.I. or W.I. brackets 6" built into wall 1 1/2" C.P. rubber plug chrome plated brass chain 1 1/2" C.P. brass waste with 1 1/2" PVC waste pipe & making requisite number of holes in wall & plinth & floor for pipe connection & making good in C.C. 1:2:4 a steel sink stainless size 33" x 18" Local make (standard pattern)	2.00	6854.76	Each	13709

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2 3/5

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
40	Supplying & fixing bathroom accessories set (7 Piece) i/c towel rail, brush holder, soap tray shelf of approved design i/c cost of screw, nuts etc complete (Master Brand)	2.00	12386.88	Each	24774
41	Supplying & fixing C.P. Muslim Shower with double bibcock ring pipe etc complete.	1.00	4118.40	Each	4118
42	P/F 24"x18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board C.I. screws fixed wooden cleat (b) superior quality	4.00	2851.20	Each	11405
43	C.P. brass bib cock & step cock. Supplying & fixing in position brass bib cock / step cock				
	(i) b) 1/2" dia brass bib cock standard pattern.	5.00	405.50	Each	2027
	(ii) b) 3/4" dia brass bib cock standard pattern.	5.00	418.70	Each	2093
	(iii) b) 1" dia brass bib cock standard pattern.	5.00	656.30	Each	3281
44	Providing & fixing handle valve china				
	(i) 1/2" dia	5.00	240.50	Each	1202
	(ii) 3/4" dia	5.00	326.30	Each	1631
	(iii) 1" dia	5.00	438.50	Each	2192
Total					13314164
Say					13314164







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ELECTRICAL WORKS

Internal & External Electric Works of Water Testing Laboratory of Chilya

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
1	Providing the main panel 30" x 48" x 5 size 14 gauge sheet thickness color coated	01 No.	3659.80	Each	36593
2	Providing circuit Breaker 100 Amps, Triple pole (Made in Japan)	02 Nos.	12616.80	Each	25234
3	Providing circuit Breaker 16 Amps, Single pole (Made in Japan)	15 Nos.	1160.40	Each	17406
4	Providing circuit Breaker 20 Amps, Single pole (Made in Japan)	18 Nos.	1160.40	Each	20887
5	Providing circuit Breaker 32 Amps, Single pole (Made in Japan)	10 Nos.	1160.40	Each	11604
6	Providing Change Over Switch 100 Amps, (Made in Khyber)	01 Nos.	10712.40	Each	10712
7	Providing A/C three pin plug socket 30 Amps, best quality	20 Nos.	280.80	Each	5616
8	Providing A/C three pin plug socket 20 Amps, best quality	20 Nos.	126	Each	2520
9	Providing PVC wire 7 / .064 (Pakistan Cable) Coil	1 Coil.	27486	Each	27486
10	Providing PVC wire 7 / .044 (Pakistan Cable) Coil	1 Coil.	12385.20	Each	12385
11	Providing PVC wire 7 / .036 (Pakistan Cable) Coil	1 Coil.	8725.20	Each	8725
12	Providing PVC wire 7 / .029 (Pakistan Cable) Coil	04 Coil.	3267.60	Each	13070
13	Providing PVC wire 3 / .029 (Pakistan Cable) Coil	05 Coil.	3236.40	Each	16182
14	Providing main panel LED light	10 Nos.	175.20	Each	1752
15	Providing Volt Meter size 72 x 72 mm (Made in Taiwan)	08 Nos.	1278	Each	10224
16	Providing PVC pipe 1" dia beat quality	1500 Rft	13.20	Rft	19800
17	Providing PVC pipe 1 1/2" dia beat quality	1625 Rft	6.862	Rft	11154
18	Providing PVC Socket 1" dia	66 Nos.	27.60	Each	1822
19	Providing PVC Bend 1" dia	60 Nos.	14.40	Each	864
20	Providing PVC Elbow 1" dia	48 Nos.	14.40	Each	691
21	Providing PVC Junction 1" dia	20 Nos.	21.60	Each	634

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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
22	Providing PVC Socket 1/2" dia	66 Nos.	9.60	Each	634
23	Providing PVC Elbow 1/2" dia	60 Nos.	10.80	Each	648
24	Providing PVC Bend 1/2" dia	36 Nos.	10.80	Each	389
25	Providing PVC Junction 1/2" dia	20 Nos.	9.60	Each	192
26	Providing 20 Amps Switch Board Gauge (Made Taiwan)	20 Nos.	2602.80	Each	52056
27	Providing & fixing Air Conditioner split 1.5 Ton (Made in Japan Best quality)	07 Nos.	78816	Each	551712
28	Providing PVC Cable 35 mm 4 Core (Pakistan Cable)	75 Meters	2744.40	Meta	205830
29	Providing Stabilizer (7500w) Best quality	12 Nos.	16184.40	Each	194213
30	Providing the fridge large size (Dawlance)	02 Nos.	63333.60	Each	126667
31	Providing Stabilizer (3200w) Best quality	02 Nos.	8444.40	Each	16889
32	Providing the fan 56" size best quality	13 Nos.	4482	Each	58266
33	Providing complete sets of tube light (40) best quality Philips	18 Nos.	1759.20	Each	31666
34	Providing the energy saver i/c holder 80 w (Sogo)	45 Nos.	253.20	Each	11394
35	Providing the energy saver i/c holder 80 w (Sogo)	24 Nos.	1477.20	Each	35453
36	Providing PVC Tape	24 Nos.	16.80	Each	403
37	Wiring complete with PVC wire i/e 7/1.064, 7/1.044, 7/1.071, 0.29 & 3/1.029 from main pole to different switch board, fans and light points, i/c fixing and wiring of air conditioner split 1.5 ton and installation 35 mm 4 core cable i/c excavation of all kind of soil of able trench i/c back filling etc. (for labour charges)	01 job	70575	P / job	70576
38	P/F water pump set with Motor 1 HP, 1400 RMP, single phase, 220 volts 2" x 1 x 2 x 0, 1 1/2 Suction and delivery 45 ft head i/c base plate and also making CC 1:3:6 Platform of required single and fixing nuts & bolts complete in all respect	01 job	48978	P / job	48978

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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
39.	Supplying & installation of computer 1-5 with printer & Scanner along with all accessories	01	60976.80	Each	60977
40.	Supplying & Photostat machine CANON	01	204073.20	Each	204073
41	Supplying of FAX machine	01	15836.40	Each	15836
42	Supplying of KVA generator (Honda or Equivalent) CANON	01	310192.80	Each	310193
Total					2252406

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Part - B (APPROACH ROAD)

W/2 (3/5)

CONSTRUCTION OF ROAD

Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
1.	Earth work excavation of road side ditches including forming its bank or putting the same on embankment as directed, clod breaking dressing etc complete.	750	1724.40	0/100 cft	1293
2.	Compaction of natural ground upto a depth of 20 cm (12" thick) below the natural ground level compacted upto 90% density modified AASHT	24000	213.07	0/100 cft	51137
3	Preparing sub grade i/c earth excavation or filling to an average depth of 9" dressing to camber & consolidation with power roller.	24000	631.54	0/100 cft	151568
4	Preparing sub base by supplying & spreading stone material 1 1/2" to 2" gauge of approved quality from approved quarry in required thickness to the proper camber & grade i/c hand packing filling voids with 10 cft screening & non plastic quarry fines of approved quality & gauge from approved source, watering & compacting to achieve 98-100% density as per modified AASHO specification (Rate include all cost material T&P & carriage upto 3 chain.	12000	523.71	0/100 cft	627805
5	Cement concrete plain i/c placing, compacting finishing & curing complete i/c screening & washing of stone aggregate without shuttering				
	(c) Ratio (1:4:8)	12000	13546.50	% Cft	1625580
	(g) Ratio (1:2:4)	14000	17315.10	% Cft	2424114
6	Earth or mud	39680	600	% Cft	238080

Abul Kalam & COMPANY
Karachi

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Item No.	DESCRIPTION OF ITEM	QTY.	RATE	PER	AMOUNT
7	Carriage of 100 cft / 5 tons of all materials like stone aggregate, spawl, coal, lime, surkhi etc B.G. rail fastening points & crossing bridge girder, pipe sheet rail M.S. bars etc 1000 Nos. of brick 10"x5"x3" or 1000 Nos. tiles 12"x6"x2" or 150 Cft of timber or 100 munds of fuel wood by truck or any other means owned by contractor lead 5 meter.	39680	857.15	% Cft	340116
8	Filling, watering & ramming earth under floor with new earth (excavated from out side) lead upto one chain lift upto 5-0.	39680	4356	% OCft	172846
9	Erection & removal of centering for RCC or plain cement concrete work of deodar wood (2 nd class) (i) horizontal floor	10000	3752.89	% Sft	375289
				Total	600782.8

Prakash


Part - C

2/3/5

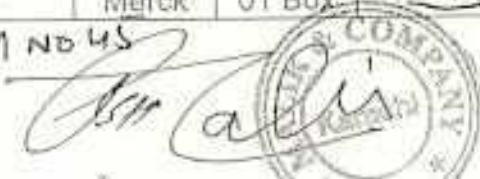
(Procurement of Laboratory Equipments, Chemical, Test Kits, Biological Media and Laboratory Glass-water for Chilya Lab, KW&SB)

No	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
1	Absorbance Pad 47 mm	Millipore	PK/100	16773	Each	16773
2	Filter Paper 0.45 um 47 mm	Millipore	PK/150	32236	Each	32236
3	Membrane Filter Holder	Millipore	Set	55934	Each	55934
4	Membrane Filtration Assembly	Millipore	Set	109718	Each	109718
5	Chemical Vacuum Pump	Millipore	1 Unit	334651	Each	334651
6	Disposable Petri Dish	Millipore	Box	19806	Each	19806
7	Pipette filter	Germany	1 Unit	2458	Each	2458
8	Adjustable Pipette 0.1m - 01 ml	Germany	1 Unit	69320	Each	69320
9	Pipette tip With Box	Germany	PK/100	21990	Each	21990
10	Durham Tube	China	PK/100	1775	Each	1775
11	Sterile Cotton	Pak	Roll	2025	Each	2025
12	Forceps for Membrane Filter	Millipore	PK/03	18099	Each	18099
13	UV Lamp	China	01 Set	62150	Each	62150
14	Compound Light Microscopy	Motiq	1 Unit	516830	Each	516830
15	Spectrophotometer Phare 100	Merck	1 Unit	1084630	Each	1084630
16	Digital incubator 53 lit Modal 3 BD-53	Binder	1 Unit	371360	Each	371360
17	Digital Furance	China	1 Unit	259525	Each	259525
18	Digital Balance 0.0001 - 210 gm Model # TP-214	Denver	1 Unit	422240	Each	422240
19	Water Bath lit Modal # WBM-401	Labcon	1 Unit	470390	Each	470390
20	Digital Centrifuge	Korea	1 Unit	396118	Each	396118
21	Bench Top Metre Modie # PH-510	Eutech	1 Unit	200532	Each	200532
22	Turbidity Metre Modal # TN100IR	Eutech	2 Unit	355995	Each	711990
23	D/O Meter	Eutech	1 Unit	396118	Each	396118
24	Chlorine Meter Picco, Merck	Merck	1 Unit	90085	Each	90085
25	TDS / Conductivity Meter Model # TDS603K Eutech	Eutech	01 Unit	222000	Each	222000
26	Microtitrator Plate	Germany	01 Unit	615	Each	615


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Item No.	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
27	Water Distillation Plant 04 LPH Model # WS-02* 04	Labcon e	01 Unit	940780	Each	940780
28	Hot Plate w / Magnetic Stirrer, Jenaway	Jenway	01 Unit	169375	Each	169375
29	Chlorine Computer Disc, Merck	Merck	01 Unit	54568	Each	54568
30	Stain A (2.5 liter)	--	01 Bottle	8127	Each	8127
31	Stain B (2.5 liter)	--	1 Bottle	8127	Each	8127
32	Nitric Acid (2.5 liter)	Merck	1 Bottle	12458	Each	12458
33	Acetic Acid Glacial (2.5 liter)	Merck	1 Bottle	12485	Each	12458
34	Silver Nitrate (100 gm)	Merck	01 Box	11406	Each	11406
35	Hydrazine Sulfate (500 gm)	Merck	01 Box	44563	Each	44563
36	Hexamethyl tetraamine (500 gm)	Merck	1 Box	30118	Each	30118
37	Ammonia Solution 25 % (2.5 liter)	Merck	1 Bottle	12457	Each	12457
38	Ammonia Chloride (500 gm)	Merck	01 Box	15597	Each	15597
39	Alfa naphthalene Amine (50 gm)	Merck	01 Box	40807	Each	40807
40	Sulphanic Acid (100 gm)	Merck	01 Box	13522	Each	13522
41	Sodium Nitrate (500 gm)	Merck	01 Box	19695	Each	19695
42	Potassium Nitrate (500 gm)	Merck	01 Box	20160	Each	20160
43	EDTA 1 Kg	Merck	01 Box	21000	Each	21000
44	Potassium Di hydrogen Phosphate Anhydrous 01 kg	Merck	01 Box	33720	Each	33720
45	Potassium Dichromate (250 gm)	Merck	01 Box	24670	Each	24670
46	Silica Gel 1 kg	Merck	01 Box	22580	Each	22580
47	Orthotoludine (100 gm)	Merck	01 Box	40290	Each	40290
48	Erchrome Black T (100 gm)	Merck	01 Box	19940	Each	19940
49	Sodium Chloride 1 kg	Merck	01 Box	12975	Each	12975
50	Phenolphthalein (100 gm)	Merck	01 Box	18935	Each	18935
51	Sodium Thiosulfate (2500 gm)	Merck	01 Box	19335	Each	19335
52	Starch 1 kg	Merck	01 Box	20265	Each	20265
53	Potassium Iodide 01 kg	Merck	01 Box	53135	Each	53135
54	Sodium Hydroxide Pellets (5000 gm)	Merck	01 Box	27277	Each	27277

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Signed





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Item No.	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
55	Magnesium Sulphate (2500 gm)	Merck	01 Box	13480	Each	13480
56	Sodium Sulfite (1 gm)	Merck	01 Box	11880	Each	11880
57	Ferric Chloride (1 kg)	Merck	01 Box	16990	Each	16990
58	M-Endo Agar Cat # 1.11277	Merck	1 Bottle	36510	Each	36510
59	Mac Conky broth Cat # 1.05396	Merck	1 Bottle	15735	Each	15735
60	Mac Conky Agar Cat # 1.05465	Merck	1 Bottle	20050	Each	20050
61	Selenite Cystain Broth Cat # 1.07709 (500 gm)	Merck	1 Bottle	21095	Each	21095
62	EMB Agar Cat # 1.01347 (500 gm)	Merck	1 Bottle	21095	Each	21095
63	Brilliant Green Bile Agar Cat # 1.10747 (500 gm)	Merck	1 Bottle	46878	Each	46878
64	Nutrient Agar Cat # 1.05450 (500 gm)	Merck	1 Bottle	18875	Each	18875
65	TCBS agar Cat # 1.10263 (500 gm)	Merck	1 Bottle	37500	Each	37500
66	Peptone Water Buffered Cat # 1.07288 (500 gm)	Merck	1 Bottle	10095	Each	10095
67	SS Agar Cat # 1.07667 (500 gm)	Merck	1 Bottle	18750	Each	18750
68	Plate Count Agar Cat # 1.05463 (500 gm)	Merck	1 Bottle	14490	Each	14490
69	Sabroud Dextrose Agar Cat # 1.05438 (500 gm)	Merck	1 Bottle	14915	Each	14915
70	Bismuth Sulfita Agar Cat # 1.05418 (500 gm)	Merck	1 Bottle	28125	Each	28125
71	Stain A (2.5 Liter)	Merck	01 Unit	16402	Each	16402
72	Crystal Violet (25 gm)	Merck	01 Unit	16990	Each	16990
73	Sarfranine (25 gm)	Merck	01 Unit	16880	Each	16880
74	Iodine Solution 0.1 N Ampoule	Merck	01 Unit	12975	Each	12975
75	Xylene Solution (2.5 liter)	Merck	01 Unit	20445	Each	20445
76	Ceederwood (100 ml)	Merck	01 Unit	22070	Each	22070
77	Ammonium Test Kit Cat # 1.14825 Merck 500 Test	Merck	01 Unit	79100	Each	79100
78	Cyanide Test Kit Cat # 1.14800 Merck 200 Test	Merck	01 Unit	75670	Each	75670
79	Arsenic Test Kit Cat # 1.17297 Merck 100 Test	Merck	01 Unit	43000	Each	43000

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Don

Item No.	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
80	Chromate Test Kit Cat # 1.14758 Merck 250 Test	Merck	01 Unit	43000	Each	43000
81	Lead Test Kit Cat # 1.09717 Merck 50 Test	Merck	01 Unit	24500	Each	24500
82	Nitrate Test Kit Cat # 1.09713 Merck 100 Test	Merck	01 Unit	36880	Each	36880
83	Nitrite Test Kit Cat # 1.14548 Merck 350 Test	Merck	01 Unit	39950	Each	39950
84	Sulfate Test Kit Cat # 1.14548 Merck 25 Test	Merck	01 Unit	300000	Each	300000
85	Iron Test Kit Cat # 1.14761 Merck 250 Test	Merck	01 Unit	36880	Each	36880
86	Nickel Test Kit Cat # 1.14785 Merck 250 Test	Merck	01 Unit	75050	Each	75050
87	Chlorine Test Kit Cat # 1.00602 Merck 1200 Test	Merck	01 Unit	74975	Each	74975
88	Copper Test Kit Cat # 1.14767 Merck 250 Test	Merck	01 Unit	44560	Each	44560
89	Volumetric Flask with Cap 100 ml	Pyrex	06 Unit	1500	Each	9000
90	Volumetric Flask with Cap 100 ml	Pyrex	06 Unit	1625	Each	9750
91	Volumetric Flask with Cap 250 ml	Pyrex	06 Unit	2300	Each	13800
92	Volumetric Flask with Cap 500 ml	Pyrex	06 Unit	3380	Each	20280
93	Volumetric Flask with Cap 1000 ml	Pyrex	06 Unit	4915	Each	29490
94	Conical Flask 50 ml	Pyrex	06 Unit	1100	Each	6600
95	Conical Flask 100 ml	Pyrex	06 Unit	1080	Each	6480
96	Conical Flask 250 ml	Pyrex	06 Unit	1080	Each	6480
97	Conical Flask 500 ml	Pyrex	06 Unit	1215	Each	7290
98	Conical Flask 1000 ml	Pyrex	06 Unit	1350	Each	8100
99	Conical Flask 2000 ml	Pyrex	03 Unit	2580	Each	7740
100	Suction Flask 1000 ml	Germany	03 Unit	22810	Each	68430
101	Suction Flask 2000 ml	Germany	03 Unit	30730	Each	92190
102	Measuring Flask 10 ml	Pyrex	06 Unit	1230	Each	7380

John A. ...

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 (3/5)
 J

Item No.	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
103	Measuring Flask 25 ml	Pyrex	06 Unit	1230	Each	7380
104	Measuring Flask 50 ml	Pyrex	06 Unit	1500	Each	9000
105	Measuring Flask 100 ml	Pyrex	06 Unit	1500	Each	9000
106	Measuring Flask 250 ml	Pyrex	03 Unit	4780	Each	14340
107	Measuring Flask 500 ml	Pyrex	03 Unit	5422	Each	16266
108	Measuring Flask 1000 ml	Pyrex	03 Unit	6760	Each	20280
109	Burette 50 ml	Germany	06 Unit	6000	Each	36000
110	Burette Stand	Pak	03 Unit	4000	Each	12000
111	Burette Clamp	Pak	06 Unit	2050	Each	12300
112	Pipette 01 ml	Germany	12 Unit	350	Each	4200
113	Pipette 02 ml	Germany	12 Unit	350	Each	4200
114	Pipette 05 ml	Germany	12 Unit	400	Each	4800
115	Pipette 10 ml	Germany	12 Unit	440	Each	5280
116	Pipette 25 ml	Germany	03 Unit	135	Each	405
117	Pipette Stand	Pak	03 Unit	2700	Each	8100
118	Test Tube 25 ml	Germany	12 Unit	400	Each	4800
119	Test Tube Stand	Pak	06 Unit	1215	Each	7290
120	Nessler's Cylinder	Pyrex	12 Unit	3000	Each	36000
121	Funnel 60 ml	China	03 Unit	790	Each	2310
122	Funnel 100 ml	China	03 Unit	790	Each	2310
123	Funnel 120 ml	China	03 Unit	1075	Each	3225
124	Funnel Stand	Pak	03 Unit	3345	Each	10035
125	Glass Reagent Bottle white 100 ml	China	12 Units	265	Each	3180
126	Glass Reagent Bottle white 250 ml	China	12 Units	385	Each	4620
127	Glass Reagent Bottle white 500 ml	China	12 Units	532	Each	6384
128	Glass Reagent Bottle white 1000 ml	China	12 Units	805	Each	9660
129	Glass Reagent Bottle Amber 100 ml	China	12 Units	300	Each	3600
130	Glass Reagent Bottle Amber 250 ml	China	12 Units	465	Each	5580
131	Glass Reagent Bottle Amber 500 ml	China	12 Units	600	Each	7200
132	Glass Reagent Bottle Amber 1000 ml	China	12 Units	940	Each	11280
133	Glass Dropper Bottle	China	12 Units	615	Each	7380
134	Desicator 210 mm	China	02 Units	8600	Each	17200
135	Pipette Filter	China	06 Units	1215	Each	7290
136	Plastic Bottle for Distilled Water Storage 50 lit	China	02 Units	29196	Each	58392
137	Mortar & Pestle	China	02 Units	2170	Each	4340
138	Glass Beaker 50 ml	China	12 Units	700	Each	8400
139	Glass Beaker 100 ml	China	12 Units	700	Each	8400

J. S. H. & COMPANY
 (Circular stamp)

2/3/5

Item No.	DESCRIPTION OF ITEM	MAKE	QTY	RATE	PER	AMOUNT
140	Glass Beaker 250 ml	China	12 Units	800	Each	9600
141	Glass Beaker 500 ml	China	12 Units	1215	Each	14580
142	Glass Beaker 1000 ml	China	06 Units	1660	Each	9960
143	China Dish 100 ml	China	06 Units	615	Each	3690
144	Petri Dish 100 mm	China	12 Units	340	Each	4080
145	Flask Tong	Anumbra	04 Units	1215	Each	4860
146	Beaker Tong	Pak	04 Units	1215	Each	4860
147	Spatula S/S	Pak	04 Units	1225	Each	4900
148	Slide Microscope	Pak	02 Units	900	Each	1800
149	Cavity Slide	China	01 Units	1640	Each	1640
150	Slide Box	China	01 Units	3960	Each	3960
151	Cover Box	China	01 Units	6145	Each	6145
152	Wire loop	Pak	04 Units	650	Each	2600
153	Glass Rod	Pak	06 Units	70	Each	420
154	Whatman Filter Paper # 42	Whatman	04 Units	4030	Each	16120
155	Rubber Cock	China	02 Units	1298	Each	2596
156	Bumer	China	06 Units	1298	Each	7788
157	Bumer Stand	pak	02 Units	1980	Each	3960
158	Wire Gauze	pak	04 Units	250	Each	1000
159	Pen Type PH Meter	Hannah	01 Units	16500	Each	16500
160	Pen Type TDS Meter	Hannah	01 Units	16500	Each	16500
161	Pent Type Conductivity Meter	Hannah	01 Units	16500	Each	16500
Total						9867259
Say Rs						9867259

[Handwritten Signature]



3/5

Part - D

(Procurement of Laboratory Brand New Hamza 15 Seater Van with CNG Kit with 02 Cylinder for Mobile Laboratory Chilya KW&SB.)

Item No.	DESCRIPTION OF ITEM	QTY	RATE	PER	AMOUNT	
01	Brand New Hamza 15 Seator Van DL-Model 2012, white Color, 2237 cc (2014-2015) Model	01	2234580	Each	2234580	
02	CNG Kit with 02 Cylinder	01	9000	Each	9000	
					Total	2324580
					Add 17% GST	395178.60
					Total	2719759

I / We hereby quoted the cost of Rs. ₹ 3,41,61,416/- for execution of the above work and I / We hereby undertaking to accept all clauses of SPPR, 2010.

[Signature]
Executive Engineer,
(CMD), KW&SB.

[Signature]
Signature of Contractor
with Name of Firm & Seal

MALIK & COMPANY

Address : Offi- No. 8, Magazine Floor,
Plot Oppo Airport Police
Station, Shaheed-e-Faisal,
KARACHI

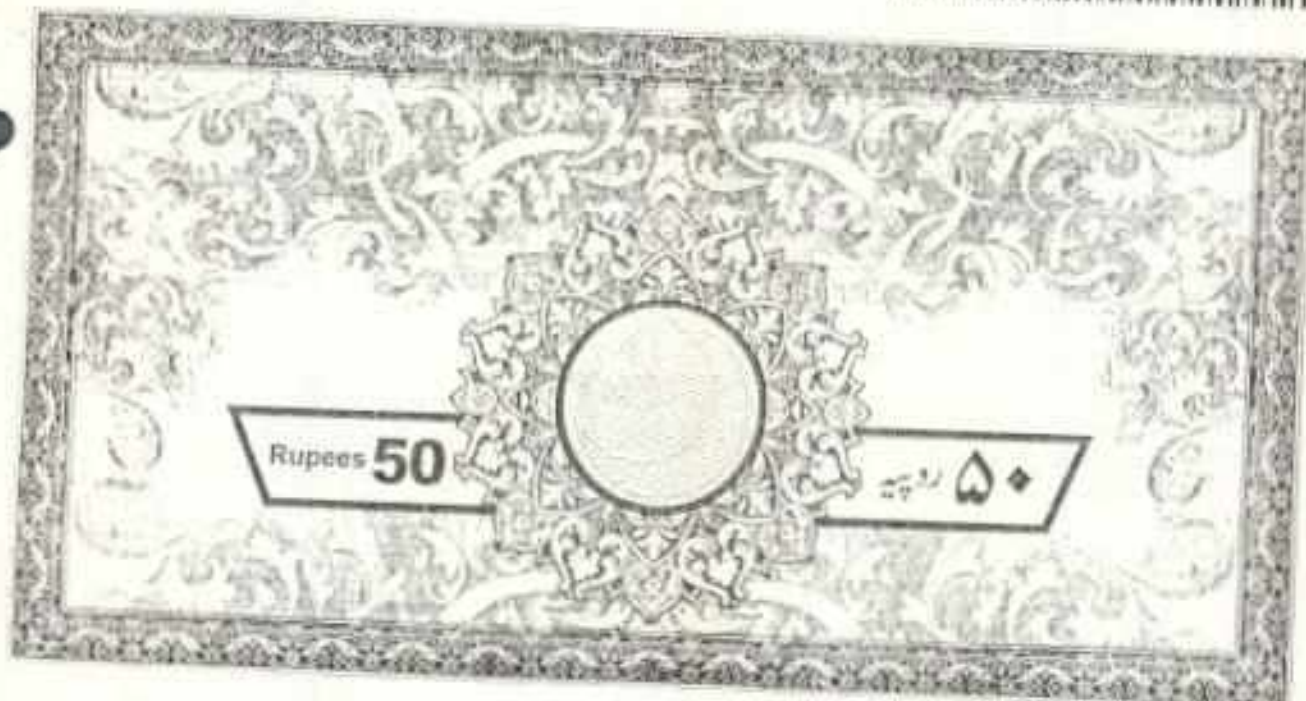
Contact # 0321-2179979

- 1. Tender's received in Sealed Cover (YA) and opened by Procurement Committee-I
- 2. cutting and overwriting found. L16/0002/15 Item 1/045 at Rate Side
- 3. Pay order No. 34160000 drawn Bank UNITED BANK LTD dated 27/11/15 amount ₹ 3,41,61,416/-
- 4. Quoted Amount Rs. 341,61,416/-
(words Rs. Three crore forty one Lac & Sixty one thousand four hundred and sixteen only)

[Signature] 27/11/15 Accounts Officer
[Signature] Superintending Engineer KMC

[Signature] Add. Dir(LA) KMC
[Signature] Director (B.T) KW&SB

[Signature]
Chief Engineer (PDL)
KW&SB.



S.M. NAJAM Stamp Vendor

Licence No. 117-3543-14-14/14-14/14-14
Gulshan-e-Iqbal, Phase 14, Karachi

S.No. 116673

Account To: /

Through of Zohaib Ahmed Khan

Advocate

Volume No. /

Stamp Vendor's Signature: /

01 APR 2015

Not for use of Free will & Divorce Deed

(INTEGRITY PACT)

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

Name of work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA.

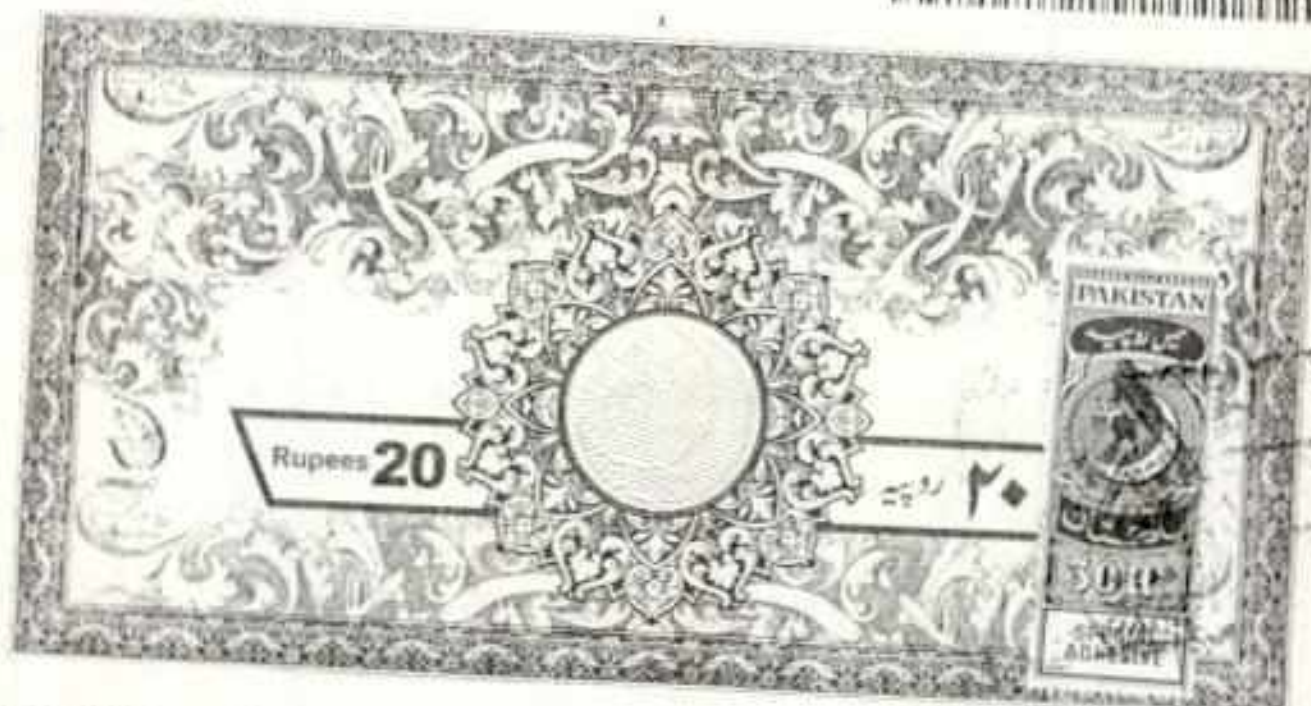
Contract No. SPPRA SR. No 22341, Dated 24-04-2015

Contract Value: 3,04,70,000/-

Contract Time: 180 + 90 Days

Mr. Asif Malik (M/s. Malik & Co.) 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, Mr. Asif Malik (M/s. Malik & Co.) 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 Procuring Agency except that which has been expressly declared pursuant hereto



AHID SALEEM Stamp Vendor

Office No 56, Shop No 3 Karim Plaza
 Khan-e-Iqbal Floor k-14, Karachi

25 FEB 2015

OFFICE SUPERINTENDENT
 Stamp Office, City Court
 Karachi.

25 FEB 2015

IC4320
 YAKOOB
 ADVOCATE
 Vendor's Signature

(Page 02)

Mr. Asif Malik (M/s. Malik & Co) 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 Procuring Agency has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

Mr. Asif Malik (M/s. Malik & Co) 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 Procuring Agency any law, contract or other instrument, be voidable at the option of Procuring Agency.

Notwithstanding any rights and remedies exercised by Procuring Agency in this regard, Mr. Asif Malik (M/s. Malik & Co) agrees to indemnify Procuring Agency for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Agency in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by Mr. Asif Malik (M/s. Malik & Co) 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 Procuring Agency.

(S. JAMIL AKHTER),
 Chief Engineer(B.T&D),
 K.W.&S.B.

(ASIF MALIK)
 M/s. Malik & Co.

KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IPD) / CONVENER OF THE
PROCUREMENT COMMITTEE-I, BLOCK-E, ROOM # 05 9TH MILE
MAIN SHAHRA-E-FAISAL, KARSAZ, KARACHI

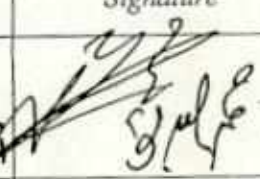


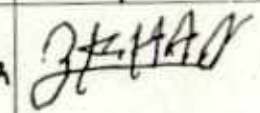
ATTENDANCE SHEET CONTRACTOR'S / FIRM'S

Name of Work: Establishment / construction of water
testing Laboratory at Chillya

Date of Tender: 29/30-1-15

Time of Dropping & Opening: 2:00 PM + 2:30 PM

Venue: Office of the Chief Engineer (IPD) Block-E, 9th Mile Karsaz, Karachi.

S.No	Name of Contractor	Name of Firms	Signature
1	MR Sidique	M/S Muhammad Sidique & Brothers	
2	ASIF MAZIK	M/S Malik & Co	
3	MR Magsood	M/S G.M Enterprises	
4	MR Zafer	M/S Khyber Builders	
5	166 unit	M/S Fares & Co	
6			



KARACHI WATER & SEWERAGE BOARD

OFFICE OF THE CHIEF ENGINEER (IP&D)

BID EVALUATION REPORT

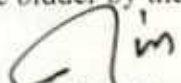
1	Name of Procuring Agency:	KARACHI WATER & SEWERAGE BOARD
2	Tender Reference No:	KWSB/DPR/2015/03 & INF-KRY-18/15 published in daily Soup, Express, Jang and daily Dawn on 08-01-15 and 09-01-15 SPPRA Serial No.22341 I.D # _____
3	Tender Description/Name of Work/Item:	ESTABLISHMENT /CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA
4	Method of Procurement:	<u>Single Stage (One Envelop)</u>
5	Tender Published:	<u>Through Press Publication / Web Site</u>
6	Total Bid Documents Sold:	<u>17 Nos</u>
7	Total Bid Received:	<u>5 Nos</u>
8	Technical Bid Opening Date (if applicable):	<u>N/A</u>
9	No. of Bid Technically Qualified (if applicable)	<u>N/A</u>
10	Bid (s) Rejected:	<u>04 No</u>
11	Financial Bid Opening Date:	30-01-2015

12 BID EVALUATION REPORT

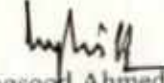
S #	Name of Firm / Bidder	COST OFFERED BY THE BIDDER	RANKING IN TERMS OF COST	COMPARISON WITH ESTIMATED COST	REASON FOR ACCEPTANCE/ REJECTION	REMARKS
1	M/s.Fasahat & Co.	Not Quoted	-	@ %Above	Not Quoted	Un-Responsive
2	M/s. G.M Enterprises	Rs.29,718,901/-	-	@ %Above	Required documents not submitted / attached	Un-Responsive
3	M/s. Malik & Co.	Rs.34,155,240/-	1 st Lowest	@11.11%Above from PC-I Cost	All required documents are submitted	Substantially Responsive -
4	M/s.Mohammad Siddique & Bros.	R.41,667,951/-	-	@ %Above	Required documents not submitted / attached	Un-Responsive
5	M/s.Khyber Builders	Rs.29,184,764/-	-	@ %Above	Required documents not submitted / attached	Un-Responsive

The all concerned bidders are being informed accordingly.

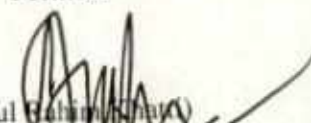
The E.E Concerned for compliance of Rule-45 of SPPR-2010 M/s. **Malik & Co.** declared as the responsive bidder by the Committee and recommended for sanction from Competent Authority.


(Riaz Khalid Bajwa)
Accounts Officer (B.T)
Member / Secretary


(Saif-ul-Haque)
Additional Director Internal
Audit - KMC Member


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


S.M Jameel Akhtar
Chief Engineer (BT&D)
Member


(Abdul Wahid)
Chief Engineer (IPD)
Convener

NIT Sr. No. 22341

Method of Procurement: Single Stage Single Envelope.

Name of Work: ESTABLISHMENT /CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA

MINUTES OF BID OPENING.

The first meeting of the procurement committee of this department was held on 29-01-2015 but due to the strike in the city the tenders were dropped and opened on 30-01-2015 on same time and venue for opening the bids received in respect of subject NIT till deadlines of submission. The meeting was attended by all / following members of the procurement committee and the representative of bidders.

(Attendance sheet is enclosed).

2. Five bidders submitted their bids till the deadline of submission.

- i. M/s.Fasahat & Co.
- ii. M/s. G.M Enterprises
- iii. M/s. Malik & Co.
- iv. M/s.Mohammad Siddique & Bros.
- v. M/s.Khyber Builders

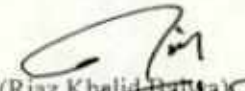
3. The bids were opened at 2:30 P.M in the presence of the above mentioned participants and the rates quoted by bidders were read aloud and encircled by Chairman of the Procurement Committee.

S. No	Name of Firm	Quoted Price	Amount of Bid Security	2 % Bid Security in Shape of Pay Order / Bank Guarantee No. / Date
01	M/s.Fasahat & Co.	Not Quoted	-	-
02	M/s. G.M Enterprises	Rs.29,718,901/-	Rs.6,20,000/-	P.O # 11637824 dt:19-01-2015 of HBL Hassan Square Branch Karachi
03	M/s. Malik & Co.	Rs.34,161,416/-	Rs.7,00,000/-	B.G No.03/15 dt:27-01-2015 from UBL Model Colony Branch Karachi.
04	M/s.Mohammad Siddique & Bros.	R.42,000,101/-	Rs.8,40,100/-	P.O No.00753894 dt:30-01-2015 of Meezan Bank Al-Azam Square Plaza Branch Karachi
05	M/s.Khyber Builders	Rs.28,424,885/-	Rs.6,25,000/-	P.O No.6557490 dt:29-01-2015 of Bank Al-Habib Ltd. Malir Cantt Karachi.

4. The over-writing / cuttings found on all bids.

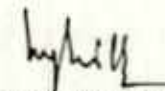
5. The committee shall examine all the bids as per the qualification / eligibility criteria provided in the bidding document and verify the documents and bid security submitted by the bidders (if required) and report will be mentioned in the next minutes as scheduled on 06-02-2015.

The meeting ended with the vote of thanks to and from the chair.


(Riaz Khalid)
Accounts Officer (B.T)
Member / Secretary


(Ifrikhar Ahmed Khan)
Chief Engineer (BT&D)
Member


(Saif-ul-Haque)
Additional Director Internal
Audit - KMC Member


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


(Abdul Rahim Khattai)
Chief Engineer (IPD)
Convener

NIT Sr. No. 22341

Method and procedure of procurement: Open Competitive Bidding (National/ International Competitive Bidding) (Single Stage-One Envelope)

Description of work: ESTABLISHMENT /CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA

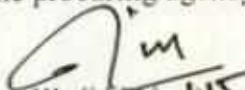
Date of Opening: 30-01-2015


BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT

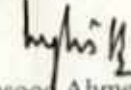
Eligibility/ Qualification Criteria:


S. No.	Eligibility / Qualification Criteria	Bidders' Name				
		M/s.Fasahat & Co	M/s.G.M Enterprises	M/s.Malik & Co.	M/s.Mohammad Siddique & Bros	M/s.Khyber Builders
1.	Registration with PEC (if applicable)	No	No	Yes	Yes	No
2.	NTN	No	No	Yes	Yes	Yes
3.	Sales Tax Registration (FBR)	No	No	Yes	No	No
4.	Registration with Sindh Revenue Board (SRB)	No	No	Yes	Yes	Yes
	Qualification Criteria:					
5.	Minimum three years' experience of relevant field.	No	No	Yes	No	No
6.	Turnover of at least last three years	No	No	Yes	No	No
7.	Required Bid Security is attached.	No	Yes	Yes	Yes	Yes
8.	Bid is signed, named and stamped by the authorized person of the firm along with Authorization letter.	No	Yes	Yes	Yes	Yes
9.	Any other factor deemed to be relevant by the procuring agency subject to provision of Rule-44, i.e details of equipment, machineries, transport and Affidavit that firm's have never been black listed.	No	No	Yes	No	No
10.	Qualified/ disqualified	Disqualified	Disqualified	Qualified	Disqualified	Disqualified

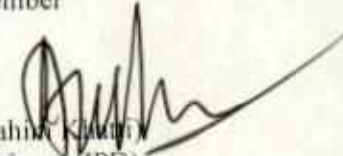
Note: The procuring agency may modify the criteria as per their requirements.


(Riaz Khalid Bhatti)
Accounts Officer (B.T)
Member / Secretary


(Saif-ul-Haque)
Additional Director Internal
Audit - KMC Member


(Maqsood Ahmed Shaikh)
Superintending Engineer (KMC)
Member


(Jameel Akhtar)
Chief Engineer (BT&D)
Members


(Abdul Rahim)
Chief Engineer (IPD)
Convener

COMPARATIVE STATEMENT

Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILLYA

Item No	Description of Work	Estimated Cost		M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers				
		Quantity	Rate	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount			
PART-A (Building Work)														
1	Cutting hard rock such as granite, basalt, hard lime stone or sand stone etc with chisels and hammers for small foundations	6353	CT	10133.00	%CCT	64,374.95	7600.00	48,282.80	10000.00	63,530.00	12159.60	77,249.94	35000.00	222,335.00
2	Concrete concrete plain including placing, compacting, finishing and curing, complete (including screening and washing at stone aggregate without subtraction)	2192	CT	11288.75	%CT	247,449.40	11800.00	238,656.00	11000.00	241,120.00	13546.50	296,919.28	25000.00	548,000.00
3	Course rubble masonry including hammer dressing (D) Cement sand mortar (V) Ratio 1:6	5247	CT	25321.00	%CT	1,328,592.87	27000.00	1,416,690.00	26000.00	1,364,220.00	30385.20	1,594,311.44	35000.00	1,836,450.00
4	Damp proof course with cement sand and shingle concrete 1:2:4 including 2 coats of asphalt mastic 3/4" thick	1462	SR	3912.85	%SR	57,205.87	4100.00	59,942.00	4000.00	58,480.00	4695.42	68,647.04	30000.00	438,600.00
5	Course rubble masonry hammer dressed (D) in cement sand mortar (I) Ratio 1:3	11224	CT	27685.63	%CT	3,107,435.11	29000.00	3,254,960.00	28000.00	3,142,720.00	33223.76	3,728,922.58	35000.00	3,928,400.00
6	P/L 2" thick topping cement concrete 1:2:4 /V surface finishing & dividing into canal	4031.1	SR	3275.50	%SR	132,038.68	3440.00	138,669.84	3000.00	120,933.00	3920.60	158,446.42	8000.00	322,488.00
7	P/L 1" thick topping cement concrete 1:2:4 /V surface finishing & division into canal	2880.75	SR	2548.29	%SR	73,409.86	2500.00	72,018.75	2500.00	72,018.75	3057.95	88,091.89	7000.00	201,652.50
8	Two coats of Brunner sand hex using 3/4 lbs % sq. ft. over roof or blended with sand at one CT per 100 sq. ft.	2880.75	SR	1887.40	%SR	54,371.28	1725.82	49,716.56	2000.00	57,615.00	2264.88	65,245.53	3500.00	100,826.25
9	First class deodar wood wrought joinery in door & windows etc fixed in position /V chowkhat hold fast, hinges, iron tower bolt, chock, handles & cord with hook etc deodar paneled or glazed or fully sashed 1 1/2" thick	491	SR	1273.76	P/ST	625,416.16	1337.00	656,467.00	1200.00	589,200.00	1528.51	750,498.41	2000.00	982,000.00
10	Making & fixing steel grated door with 1 / 16" thick sheeting including angle iron frame 2" x 2" 3/8" and 3/4 square bars 4" centre to centre with locking arrangement	96	SR	726.72	P/ST	69,765.12	763.00	73,248.00	700.00	67,200.00	872.00	83,717.76	1500.00	144,000.00
11	Overlapping two coats	6658	SR	1043.90	%SR	69,502.86	1096.00	72,971.68	1000.00	66,580.00	1252.68	83,403.43	6000.00	399,480.00
12	Painting doors & windows any type	1457	SR	1160.06	%SR	16,902.07	1200.00	17,484.00	1000.00	14,570.00	1392.07	20,282.46	10000.00	145,700.00
13	Providing & laying 1:3:6 cement concrete solid block masonry wall 6" & below in thickness set in 1:6 cement mortar in ground floor super structure /V: architrave, casing etc	160.5	SR	15771.01	%SR	25,212.47	16500.00	26,482.50	15000.00	24,075.00	18925.21	30,374.96	20000.00	32,100.00
14	Fabrication of mild steel reinforcement for cement concrete /V cutting, bending, laying in position making joints & fastening including coat of binding wire (also includes removal of rust (b) using T.O.B. bar)	203.11	CWT	5001.70	D/CWT	1,015,895.29	5250.00	1,066,337.50	5000.00	1,015,550.00	6002.04	1,219,074.34	6025.00	1,221,237.75
15	Cement plaster 1:4 upto 12-0 (D) 3/8" thick	5422	SR	2197.52	%SR	119,149.53	2308.00	125,139.76	2000.00	108,440.00	2637.02	142,979.22	8000.00	433,760.00
16	Cement plaster 1:4 upto 12-0 (D) 1/2" thick	7917	SR	2283.93	%SR	180,818.74	2390.00	189,216.30	2000.00	158,340.00	2349.72	216,982.80	8000.00	633,366.00
17	Cement pointing flush on stone work raised in cement mortar 1:3	8278	SR	1758.08	%SR	145,533.86	1134.33	93,899.84	2000.00	165,560.00	2109.70	174,640.97	8000.00	662,340.00
18	Reinforcement concrete work /V: all labours & materials except the cost of steel reinforcement and its labour for bending & binding which will be paid separately. This rates also include all kinds of forms, moulds, lifting, shuttering, curing, rendering & finishing the exposed surface including screening & washers of concrete	4586.27	CT	337.00	P/CT	1,579,272.99	335.00	1,663,633.85	350.00	1,640,194.50	404.40	1,895,127.59	300.00	1,405,881.00

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILVA

Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Maulik & Co		M/s. Muhammad Siddiq & Brothers	
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
19	P/L Tiles Glazed 6"x6"x1/4" on floor or wall facing in required colour & pattern of site specification jointed in white cement and pigment over a base of 1:2 Gray Cement mortar 3/4" thick including washing and finishing of joint with slurry of white cement & pigment in desired shade with finishing & cleaning & cost of wax polish etc complete	1380	27747.06	382,909.43	29100.00	401,380.00	28000.00	386,400.00	33396.47	459,491.29	5000.00	69,000.00
20	Grated tile diado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	892.5	28399.03	252,568.84	29700.00	265,072.50	28000.00	249,900.00	33958.84	303,082.65	35000.00	312,375.00
21	P/F Brass bracket Fan (exhaust) 18" (good quality)	4	2791.00	11,164.00	2931.00	11,724.00	3000.00	12,000.00	3349.20	13,396.80	6000.00	24,000.00
22	Supplying & fixing false ceiling of plaster of Paris in panels (i/c making frame work of deciduar wood (i/c battens with silica gel)	616	25293.42	155,807.47	26550.00	163,548.00	25000.00	154,000.00	30352.10	186,968.94	50000.00	308,000.00
23	Supplying & fixing window painted blinds (horizontal / vertical) with plain designed of approved colour (i/c fixing with necessary accessories)	251	91.11	22,868.61	80.00	20,080.00	100.00	25,100.00	100.33	27,441.83	2000.00	502,000.00
24	Laying white marble flooring fine dressed on the surface without wending set in lime mortar 1:2 including rubbing and polishing of the joints. a) 1/4" thick, b) 3/4" thick, c) 1" thick.	312	567.48	177,053.76	1352.49	421,976.88	550.00	171,600.00	680.98	212,465.76	1500.00	468,000.00
25	P/F 25x18" inventory basin in white glazed earthenware complete with and (i/c the cost of WI or CI carrier brackets 6" built into walls, painted white in two coats after a primary coat of red lead paint 1/2" dia chrome plated mixture 1 1/4" dia brass waste of approved pattern 1 1/4" dia meshable or CP brass traps meshable iron or brass unions and making requisite number of holes in walls, plumb and floor for pipe connections and making good in CC 1:2:4 (Foreign or equivalent) add extra for labor for providing & fixing of earthenware pedestal white or colored glazed	4	4928.00	19,712.00	5100.00	20,400.00	5000.00	20,000.00	5913.60	23,654.40	40000.00	160,000.00
26	Add extra for labor for providing & fixing of earthenware pedestal white or colored glazed (Foreign or equivalent)	2	2533.47	5,066.94	2600.00	5,200.00	2500.00	5,000.00	3040.16	6,080.32	2000.00	4,000.00
27	Fixing in position aluminum channel framing for sliding window & ventilator of alcope made with 5mm thick linked glass glazing (Belgium) & aluminum fly screen (i/c handles, stoppers, locking arrangements etc complete (i/c) deluxe model (Foreign)	155	1647.69	255,391.95	1522.00	235,910.00	1600.00	248,000.00	1977.23	306,470.65	1200.00	186,000.00
28	P/F doorder wooden wardrobe (i/c boxing with back shelves, shutter, drawers or brass fitting such as handles, lock, lock, attachment etc)	78	2364.63	184,441.14	2480.00	193,440.00	2500.00	195,000.00	2837.56	221,329.68	2000.00	156,000.00
29	Supplying & fixing in position iron / steel grill of 3/4" x 1/4" size flat iron of approved design including painting 3 coats etc. complete (weight not to be less than 3.7 lbs/Sq. Foot of finished grill)	160	180.50	28,880.00	190.00	30,400.00	200.00	32,000.00	216.60	34,656.00	300.00	48,000.00
30	P/F Laboratory sink mixture (i/c labour charges & cartage)	4	2745.60	10,982.40	3030.91	12,123.64	2500.00	10,000.00	3294.72	13,178.88	23000.00	92,000.00

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILLYA

Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers	
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
31	Nylon wire grey # 144 mesh / sq. inch fixed to	160	193.53	30,964.80	200.00	32,000.00	200.00	32,000.00	232.24	37,158.40	100.00	16,000.00
32	Aluminum wire gauge # 144 mesh per square foot to chawki.	160	104.15	16,664.00	110.00	17,600.00	100.00	16,000.00	124.98	19,996.80	200.00	32,000.00
33	Excavation for pipe line in trenches and pits in hard rock by hammering and chiseling 1/2" trimming and dressing sides to true alignment and shape leveling of beds of trenches to correct level and grade cutting joints holes and disposal of surplus earth within one chain as directed by Engineer Incharge, providing fence, guards, lights, flags, sand temporary crossing for non-vehicular traffic whenever required lift upto 5 ft. (1.52 m) and lead	6000	24150.00	144,900.00	25300.00	151,800.00	25000.00	150,000.00	28980.00	173,880.00	35000.00	210,000.00
34	P/MH 4 internal dia meter with out RCC Manhole Cover with C.I. Frame (15 Kg) and 5 feet clear depth cast in situ 1:2:4, using 50% crush stone and 50% graded bafri 9" thick wall, 1:4:8 C.C. in foundation, 1:2:4 cc benching 1/2" thick cement plaster 1:3 cement mortar on inside wall and surfacing of the channel and benching to top including making required number of main or branches channel 1/2" dia brass M.S. Foot Rest at 12" CC 1/2" depth of excavation in all kind of soil back filling and disposal of excavation stuff etc complete as per design and instruction of Engineer Incharge.	10	14529.29	145,292.90	9525.52	95,255.20	15000.00	150,000.00	17435.15	174,351.50	35000.00	350,000.00
35	Providing & laying RCC Pipe of ASTM C-76-62 1/2" 76-70 of class-II wall B & band in trenches 1/2" cutting fitting electing with rubber ring 1/2" leading with water in specified pressure 12" dia.	500	367.00	183,500.00	432.00	216,000.00	350.00	175,000.00	440.40	220,200.00	600.00	300,000.00
36	Making connection with the existing manholes 1/2" the cost of cutting holes in walls making them good in C.C. 1:2:4 and making required channel etc complete.	1	180.00	180.00	200.00	200.00	100.00	100.00	216.00	216.00	1000.00	1,000.00
37	Refilling the excavated stuff in trenches 6" thick.	5388	2760.00	14,870.88	2890.00	15,571.32	2500.00	13,470.00	3312.00	17,845.06	5000.00	26,940.00

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA

Item No	Description of Work	Estimated Cost		M/s. Khyber Builders		M/s. G.M Enterprises		M/s. MAIL & Co		M/s. Muhammad Siddiq & Brothers			
		Quantity	Rate	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
38	Providing G.I. Pipes & special clamps etc (1/2" facing, cutting & fitting etc complete with & (1/2" the cost of breaking through walls & roof making good etc painting two coats after cleaning the pipe etc with white zinc paint with pigment to match the colours of building and tending to a pressure head of 200 ft. head).												
	A) 1" dia G.I. Pipe	100	128.55 P / Rft	135.00	13,500.00	100.00	10,000.00	154.26	15,426.00	100.00	10,000.00		
	B) 3/4" dia G.I. Pipe	400	95.29 P / Rft	100.00	40,000.00	100.00	40,000.00	114.95	45,980.00	100.00	40,000.00		
	C) 1/2" dia G.I. Pipe	450	73.21 P / Rft	76.00	34,200.00	100.00	45,000.00	87.85	39,532.50	100.00	45,000.00		
39	P/P steel sink stainless local make compo. with C.I. or W.I. brackets 6" butt into wall 1 1/2" C.P. rubber plug chrome plated brass chain 1 1/2" C.P. brass waste with 1 1/2" PVC waste pipe & making requisite number of holes in wall & plinth & floor for pipe connection & making good in C.C. 1:2:4 & steel sink stainless size 33" x 18" Local make (standard pattern).	2	5712.30	6474.60	12,948.20	5000.00	10,000.00	6854.76	13,709.52	30000.00	60,000.00		
40	Supplying & fixing bathroom accessories set (7 piece) (1/2" towel rail, brush holder, soap tray shelf of approved design (1/2" cost of screw, nuts etc) complete (Khyber Brand).	2	10322.40	Each	20,644.80	10800.00	21,600.00	10000.00	12286.88	24,773.76	5000.00	10,000.00	
41	Supplying & fixing C.P. Mauser Shower with double backlock ring pipe etc complete.	1	3432.00	Each	3,432.00	3600.00	3,600.00	3,000.00	4118.40	4,118.40	2000.00	2,000.00	
42	P/P 24"x18" beveled edge mirror of Belgium glass complete with 1/8" thick hard board C.I. screws fixed wooden cleat (D) superior quality.	4	2376.00	Each	9,504.00	2150.00	8,600.00	2000.00	2851.20	11,404.80	1500.00	6,000.00	
43	C.P. brass bib cock & stop cock. Supplying & fixing in position brass bib cock / stop cock												
	(i) 1/2" dia brass bib cock standard pattern.	5	337.92	Each	1,689.60	355.00	1,775.00	300.00	405.50	2,027.50	500.00	2,500.00	
	(ii) 3/4" dia brass bib cock standard pattern.	5	348.92	Each	1,744.60	366.00	1,830.00	300.00	418.70	2,093.50	500.00	2,500.00	
	(iii) 1" dia brass bib cock standard pattern.	5	546.92	Each	2,734.60	570.00	2,850.00	500.00	656.30	3,281.50	500.00	2,500.00	
44	Providing & fixing handle valve China												
	(i) 1/2" dia	5	200.42	Each	1,002.10	200.00	1,000.00	200.00	240.50	1,202.50	800.00	4,000.00	
	(ii) 3/4" dia	5	271.92	Each	1,359.60	285.00	1,425.00	250.00	326.30	1,631.50	800.00	4,000.00	
	(iii) 1" dia	5	365.42	Each	1,827.10	415.25	2,076.25	300.00	438.50	2,192.50	800.00	4,000.00	
	Sub-Total				11,095,145		11,739,085		11,161,167		13,314,175		17,118,846

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Item No	Description of Work	Estimated Cost		M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Maulik & Co		M/s. Muhammad Siddiq & Brothers			
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
ELECTRICAL WORKS													
Internal & External Electric Works of Water Testing Laboratory of Chilya													
1	Providing the main panel 30" x 48" x 5 size 14 gauge sheet thickness color coated.	1	26000.00	Each	26000.00	29000.00	29000.00	25000.00	25000.00	36992.80	36992.80	20000.00	20000.00
2	Providing circuit breaker 100 Amps, Triple pole (Made in Japan)	2	8965.00	Each	17930.00	9724.00	19448.00	9000.00	18000.00	12616.80	25233.60	10000.00	20000.00
3	Providing circuit breaker 16 Amps, Single pole (Made in Japan)	15	825.00	Each	12375.00	962.00	14430.00	800.00	12000.00	1160.40	17406.00	7000.00	105000.00
4	Providing circuit breaker 20 Amps, Single pole (Made in Japan)	18	825.00	Each	14850.00	962.00	17316.00	800.00	14400.00	1160.40	20887.20	5000.00	90000.00
5	Providing circuit Breaker 32 Amps, Single pole (Made in Japan)	10	825.00	Each	8250.00	962.00	9620.00	800.00	8000.00	1160.40	11604.00	5000.00	50000.00
6	Providing Change Over Switch 100 Amps, (Made in Pakistan)	1	7612.00	Each	7612.00	7993.00	7993.00	7500.00	7500.00	10712.40	10712.40	3000.00	3000.00
7	Providing A/C three pin plug socket 30 Amps, best quality	20	200.00	Each	4000.00	250.00	5000.00	200.00	4000.00	280.80	5616.00	1000.00	20000.00
8	Providing A/C three pin plug socket 30 Amps, best quality	20	90.00	Each	1800.00	110.00	2200.00	100.00	2000.00	126.00	2520.00	1000.00	20000.00
9	Providing PVC wire 7 / 064 (Pakistan Cable) Coil	1	19530.00	Each	19530.00	23660.00	22460.00	20000.00	20000.00	27486.00	27486.00	10000.00	10000.00
10	Providing PVC wire 7 / 044 (Pakistan Cable) Coil	1	8800.00	Each	8800.00	9856.00	9856.00	9000.00	9000.00	12385.20	12385.20	8000.00	8000.00
11	Providing PVC wire 7 / 036 (Pakistan Cable) Coil	1	6200.00	Each	6200.00	6944.00	6944.00	6000.00	6000.00	8725.20	8725.20	7000.00	7000.00
12	Providing PVC wire 7 / 029 (Pakistan Cable) Coil	4	2322.00	Each	9288.00	2600.00	10400.00	2500.00	10000.00	3267.60	13070.40	5000.00	20000.00
13	Providing PVC wire 7 / 029 (Pakistan Cable) Coil	5	2300.00	Each	11500.00	2550.00	12750.00	2500.00	12500.00	3236.40	16182.00	3000.00	15000.00
14	Providing main panel LED light	10	125.00	Each	1250.00	150.00	1500.00	100.00	1000.00	175.20	1752.00	500.00	5000.00
15	Providing Volt Meter size 72 x 72 mm (Made in Taiwan)	8	908.00	Each	7264.00	1100.00	8800.00	1000.00	8000.00	1278.00	10224.00	5000.00	40000.00
16	Providing PVC pipe 1" dia best quality	1500	9.76	Rt	14640.00	12.00	18000.00	10.00	15000.00	13.20	19800.00	10.00	15000.00
17	Providing PVC pipe 1 1/2" dia best quality	1625	4.88	Rt	7920.00	7.00	11375.00	5.00	8125.00	6.86	11147.50	15.00	24375.00
18	Providing PVC Socket 1" dia	66	20.00	Each	1320.00	30.00	1980.00	20.00	1320.00	27.60	1821.60	30.00	590.00
19	Providing PVC Bend 1" dia	60	10.00	Each	600.00	30.00	1800.00	10.00	600.00	14.40	864.00	25.00	625.00
20	Providing PVC Bend 1" dia	48	10.00	Each	480.00	30.00	1440.00	15.00	720.00	14.40	691.20	25.00	625.00
21	Providing PVC Junction 1" dia	20	15.00	Each	300.00	25.00	500.00	10.00	200.00	21.60	432.00	15.00	225.00
22	Providing PVC Socket 1/2" dia	66	7.00	Each	462.00	10.00	660.00	10.00	660.00	9.60	633.60	25.00	625.00
23	Providing PVC Elbow 1/2" dia	60	8.00	Each	480.00	10.00	600.00	10.00	600.00	10.80	648.00	25.00	625.00
24	Providing PVC Bend 1/2" dia	36	8.00	Each	288.00	10.00	360.00	10.00	360.00	10.80	388.80	25.00	625.00
25	Providing PVC Junction 1/2" dia	20	7.00	Each	140.00	10.00	200.00	10.00	200.00	9.60	192.00	25.00	625.00
26	Providing 20 Amps Switch Board/Gauge (Made in Taiwan)	20	1850.00	Each	37000.00	2035.00	40700.00	2000.00	40000.00	2602.80	52056.00	1500.00	30000.00
27	Providing 8 faying Air Condenser split 1.5 Ton (Made in Japan Best quality)	7	56000.00	Each	392000.00	66160.00	463120.00	55000.00	385000.00	78816.00	551712.00	70000.00	490000.00
28	Providing PVC Cable 35 mm 4 Core (Pakistan Cable)	75	1950.00	Meter	146250.00	3190.00	236925.00	2000.00	150000.00	2744.40	205830.00	1500.00	112500.00
29	Providing Stabilizer (7500W) Best quality	12	11500.00	Each	138000.00	12650.00	151800.00	12000.00	144000.00	16184.40	194212.80	10000.00	120000.00
30	Providing the fridge large size (Danalence)	2	45000.00	Each	90000.00	49500.00	99000.00	50000.00	100000.00	63333.60	126667.20	100000.00	200000.00
31	Providing Stabilizer (3200W) Best quality	2	6000.00	Each	12000.00	6000.00	12000.00	6000.00	12000.00	8444.40	16888.80	6000.00	12000.00
32	Providing the fan 56" size best quality	13	3185.00	Each	41405.00	3344.00	43472.00	3000.00	39000.00	4482.00	58266.00	8000.00	104000.00
33	Providing complete sets of tube light (40) best quality Philips	18	1250.00	Each	22500.00	1400.00	25200.00	1500.00	27000.00	1759.20	31665.60	600.00	10800.00
34	Providing the energy saver V/c holder 80 w (5000)	45	180.00	Each	8100.00	200.00	9000.00	200.00	9000.00	253.20	11394.00	400.00	18000.00
35	Providing the energy saver V/c holder 80 w (5000)	24	1050.00	Each	25200.00	1200.00	28800.00	1000.00	24000.00	1477.20	35452.80	500.00	12000.00
36	Providing PVC Ties	24	12.00	Each	288.00	20.00	480.00	20.00	480.00	16.80	403.20	200.00	4800.00

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILVA

Item No	Description of Work	Estimated Cost		M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Mohammad Siddiq & Brothers				
		Quantity	Rate	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount			
37	Wiring complete with PVC wire 1/2" / .064, 7 / .044, 7/021/029 & 3/029 from main pole to different switch board, fans and light points, I/C fusing and wiring of air conditioner split 1.5 ton and installation 35 mm 4 core cable I/C excavation of all kind of soil at able trench I/C back filling etc.	1	Job	50146.00	P / Job	50,146.00		55,000.00		75,000.00		200,000.00		200,000.00
38	P/F water pump set with Motor 1 HP, 1400 RMP, single phase, 220 volts 2" x 1.5 x 2.0 . 1 1/2 Suction and delivery 45 ft head I/C base plate and also making CC 1:3:5 Platform of required single and extra sticks & books concrete in all respect	1	Job	24800.00	P / Job	24,800.00		38,000.00		35,000.00		48,978.00		30,000.00
39	Supplying & installation of computer 1-5 with printer & Scanner along with all accessories	1	No	43326.00	Each	43,326.00		225,000.00		45,000.00		60,976.80		150,000.00
40	Supplying & Photocopy machine CANON	1	No	145000.00	Each	145,000.00		310,000.00		150,000.00		204,073.20		100,000.00
41	Supplying of FAX machine	1	No	11252.00	Each	11,252.00		25,000.00		20,000.00		15,836.40		20,000.00
42	Supplying of KVA generator (Honda or Equivalent) CANON	1	No	220400.00	Each	220,400.00		350,000.00		300,000.00		310,192.80		150,000.00
		SUB-TOTAL				1,600,956		2,614,329		1,740,665		2,252,196		2,303,705
		Add 17% without Item No. 37				1,864,594								
TOTAL "A"						12,939,738.43		13,773,414.37		12,901,832.25		15,566,371.10		19,422,530.50

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Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers			
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount		
PART-B (APPROACH ROAD) CONSTRUCTION OF ROAD														
1	Earth work excavation of road side ditches including forming its bank or putting the same on embankment as directed, and breaking dressing etc. complete.	750	CR	1437.00	%OCR	1,077.75	1500.00	1,125.00	1500.00	1,125.00	1724.40	1,293.30	800.00	600.00
2	Compaction of natural ground upto a depth of 20 cm (12" thick) below the natural ground level compacted upto 90% density modified AASHTO	24000	SR	177.56	% SR	42,614.40	123.00	29,520.00	180.00	43,200.00	213.07	51,136.80	250.00	60,000.00
3	Preparing sub grade 1/2 earth excavation or filling to an average depth of 9" dressing to camber & consolidation with roller.	24000	SR	526.28	%SR	126,307.20	533.00	132,720.00	500.00	120,000.00	631.54	151,569.60	150.00	36,000.00
4	Preparing sub base by supplying & spreading stone material 1 1/2" to 2" gauge of approved quality from approved quarry in required thickness to the proper camber & grade 1/2 hand packing filling voids with 10 CF screening & non plastic quarry fines of approved quality & gauge from approved source, watering & compacting to achieve 98-100% density as per modified AASHTO specification (Rate include all cost material T&P & carriage upto 3 kms.)	12000	CR	4359.76	%CR	523,171.20	1320.00	158,400.00	4500.00	540,000.00	5231.71	627,805.20	3500.00	420,000.00
5	Cement concrete plain 1/2 placing, compacting finishing & curing complete 1/2 screening & washing of stone aggregate without shuttering Silt to shell (Plain 1:4:8)	12000	CR	11288.75	% CR	1,354,650.00	11853.00	1,422,360.00	17000.00	2,040,000.00	13546.50	1,625,580.00	20000.00	2,400,000.00
		14000	CR	14429.25	% CRT	2,020,095.00	15150.00	2,121,000.00	18000.00	2,520,000.00	17315.10	2,424,114.00	25000.00	3,500,000.00
6	CC for road (Plain 1:4:8)	39680	CR	500.00	% CR	198,400.00	575.00	228,160.00	500.00	198,400.00	600.00	238,080.00	150.00	59,520.00
7	Carriage of 100 CF / 5 tons of all materials like stone aggregate, spunk, coal, lime, surfki etc B.G. rail fastening points & crossing bridge girders, pipe sheet rail M.S. bars etc 1000 Nos. of brick 10"5"3" or 1000 Nos. sheet 12"6"2" or 150 CF of timber or 100 munds of fuel wood by truck or any other means owned by contractor lead 5 kms.	39680	CR	714.29	% CR	283,430.27	750.00	297,600.00	700.00	277,760.00	857.15	340,117.12	150.00	59,520.00
B	Filling, watering & ramming earth under floor with new earth (excavated from out side) laid upto one chain lift upto 5.0	39680	CR	3630.00	%OCR	144,038.40	3800.00	150,784.00	3800.00	150,784.00	4356.00	172,846.08	1500.00	59,520.00
9	Erection & removal of centering for RCC or plain cement concrete work of decoder wood (2 nd class) (1) horizontal floor	10000	SR	3127.41	%SR	312,741.00	3773.41	377,341.00	3500.00	350,000.00	3752.89	375,289.00	8000.00	800,000.00
	TOTAL "B"					5,006,525.22		4,919,010.00		6,241,269.00		6,007,831.10		7,295,160.00

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Item No	Description of Work	Estimated Cost		M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers		
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
PART-C (BUILDING WORK)												
Biological Media and Laboratory Glass-ware												
1	Absorbance Pad 47 mm	1	12280.00	12,280.00	13,500.00	14,000.00	14,000.00	16,773.00	16,773.00	21,000.00	21,000.00	
2	Filter Paper 0.45 um 47 mm	1	23600.00	23,600.00	25,900.00	27,000.00	27,000.00	32,236.00	32,236.00	22,000.00	22,000.00	
3	Membrane Filter Holder	1	40950.00	40,950.00	45,000.00	47,000.00	47,000.00	55,934.00	55,934.00	18,000.00	18,000.00	
4	Membrane Filtration Assembly	1	80325.00	80,325.00	88,000.00	97,000.00	97,000.00	109,718.00	109,718.00	20,000.00	20,000.00	
5	Chemical Vacuum Pump	1	245000.00	245,000.00	270,000.00	275,000.00	275,000.00	334,651.00	334,651.00	21,000.00	21,000.00	
6	Disposable Petri Dish	1	14500.00	14,500.00	16,000.00	17,000.00	17,000.00	19,806.00	19,806.00	19,000.00	19,000.00	
7	Pipette filter	1	1800.00	1,800.00	2,000.00	2,000.00	2,000.00	2,458.00	2,458.00	21,000.00	21,000.00	
8	Adjustable Pipette 0.1m - 01 ml	1	50750.00	50,750.00	56,000.00	60,000.00	60,000.00	69,320.00	69,320.00	21,500.00	21,500.00	
9	Pipette tip Wash Box	1	16100.00	16,100.00	18,000.00	18,500.00	18,500.00	21,990.00	21,990.00	19,500.00	19,500.00	
10	Durham Tube	1	1300.00	1,300.00	1,500.00	1,500.00	1,500.00	1,775.00	1,775.00	23,500.00	23,500.00	
11	Sterile Cotton	1	750.00	750.00	1,000.00	1,000.00	900.00	1,025.00	1,025.00	22,000.00	22,000.00	
12	Forceps for Membrane Filter	1	13250.00	13,250.00	15,000.00	15,000.00	15,000.00	18,099.00	18,099.00	1,500.00	1,500.00	
13	UV Lamp	1	45500.00	45,500.00	51,000.00	53,000.00	53,000.00	62,150.00	62,150.00	21,500.00	21,500.00	
14	Compound Light Microscopy	1	378375.00	378,375.00	450,000.00	449,000.00	445,000.00	516,830.00	516,830.00	16,500.00	16,500.00	
15	Spectrophotometer Phase 100	1	794662.00	794,662.00	925,000.00	925,000.00	925,000.00	1,084,630.00	1,084,630.00	201,000.00	201,000.00	
16	Digital Incubator 53 lit Model 3 BO-53	1	271875.00	271,875.00	335,000.00	330,000.00	330,000.00	371,560.00	371,560.00	220,000.00	220,000.00	
17	Digital Furnace	1	190000.00	190,000.00	220,000.00	220,000.00	225,000.00	259,525.00	259,525.00	19,500.00	19,500.00	
18	Digital Balance 0.0001 - 210 gm Model # TR-214	1	309125.00	309,125.00	350,000.00	350,000.00	350,000.00	422,240.00	422,240.00	14,520.00	14,520.00	
19	Water Bath lit Model # WBM-401	1	344375.00	344,375.00	400,000.00	410,000.00	410,000.00	470,590.00	470,590.00	15,500.00	15,500.00	
20	Digital Centrifuge	1	290000.00	290,000.00	350,000.00	350,000.00	350,000.00	396,118.00	396,118.00	22,000.00	22,000.00	
21	Bench Top Meter Model # PH-510	1	146811.00	146,811.00	200,000.00	175,000.00	175,000.00	200,532.00	200,532.00	21,400.00	21,400.00	
22	Turbidity Meter Model # TH100R	2	260625.00	521,250.00	590,000.00	300,000.00	600,000.00	355,995.00	711,990.00	22,000.00	44,000.00	
23	D/O Meter	1	290000.00	290,000.00	330,000.00	330,000.00	330,000.00	390,118.00	390,118.00	21,000.00	21,000.00	
24	Chlorine Meter Peco, Merck	1	65950.00	65,950.00	95,000.00	75,000.00	75,000.00	90,085.00	90,085.00	20,500.00	20,500.00	
25	TDS/ Conductivity Meter Model # TD5603K Each	1	162562.00	162,562.00	210,000.00	190,000.00	190,000.00	222,000.00	222,000.00	18,500.00	18,500.00	
26	Microdrator Plate	1	450.00	450.00	500.00	500.00	500.00	615.00	615.00	20,000.00	20,000.00	
27	Water Distillation Plant 04 LPH Model # WS-02*	1	688750.00	688,750.00	800,000.00	820,000.00	820,000.00	940,780.00	940,780.00	21,500.00	21,500.00	
28	Hot Plate w / Magnetic Stirrer, Jenway	1	124000.00	124,000.00	150,000.00	149,000.00	145,000.00	169,375.00	169,375.00	22,000.00	22,000.00	
29	Chlorine Computer Disc, Merck	1	39950.00	39,950.00	45,000.00	46,000.00	46,000.00	54,568.00	54,568.00	18,000.00	18,000.00	
30	Span A (2.5 liter)	1	5950.00	5,950.00	7,000.00	7,000.00	7,000.00	8,127.00	8,127.00	12,000.00	12,000.00	
31	Span B (2.5 liter)	1	5950.00	5,950.00	7,000.00	7,000.00	7,000.00	8,127.00	8,127.00	13,500.00	13,500.00	
32	Merck Acid (2.5 liter)	1	9120.00	9,120.00	13,000.00	13,000.00	10,000.00	12,458.00	12,458.00	14,600.00	14,600.00	
33	Acetic Acid Glacial (2.5 liter)	1	9140.00	9,140.00	13,000.00	13,000.00	10,000.00	12,485.00	12,485.00	16,500.00	16,500.00	
34	Silver Nitrate (100 gm)	1	81561.00	81,561.00	95,000.00	95,000.00	95,000.00	111,406.00	111,406.00	14,800.00	14,800.00	
35	Hydrazine Sulfate (500 gm)	1	32625.00	32,625.00	36,000.00	40,000.00	40,000.00	44,561.00	44,561.00	22,000.00	22,000.00	
36	Hexamethyly tetramine (500 gm)	1	22050.00	22,050.00	25,000.00	26,000.00	26,000.00	30,118.00	30,118.00	21,000.00	21,000.00	
37	Arsenious Solution 25 % (2.5 liter)	1	9120.00	9,120.00	12,000.00	12,000.00	10,000.00	12,457.00	12,457.00	20,000.00	20,000.00	
38	Arsenious Chloride (500 gm)	1	11419.00	11,419.00	16,000.00	16,000.00	15,000.00	15,997.00	15,997.00	18,520.00	18,520.00	
39	Asa naphtholene Arine (50 gm)	1	29875.00	29,875.00	35,000.00	35,000.00	35,000.00	40,807.00	40,807.00	18,700.00	18,700.00	
40	Sulphuric Acid (100 gm)	1	9900.00	9,900.00	12,000.00	12,000.00	12,000.00	13,522.00	13,522.00	22,500.00	22,500.00	
41	Sodium Nitrate (500 gm)	1	14419.00	14,419.00	17,000.00	17,000.00	17,000.00	19,695.00	19,695.00	14,320.00	14,320.00	
42	Potassium Nitrate (500 gm)	1	14760.00	14,760.00	18,000.00	17,000.00	17,000.00	20,160.00	20,160.00	14,800.00	14,800.00	
43	EDTA 1 Kg	1	15375.00	15,375.00	18,000.00	18,000.00	18,000.00	21,000.00	21,000.00	15,800.00	15,800.00	
44	Potassium Di Hydrogen Phosphate Anhydrous 01 Kg	1	24688.00	24,688.00	28,000.00	30,000.00	30,000.00	33,720.00	33,720.00	22,000.00	22,000.00	

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILVA

Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers	
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount
45	Potassium Dichromate (250 gm)	1	18062.00	18,062.00	22,000.00	22,000.00	25,000.00	25,000.00	24,670.00	24,670.00	35,000.00	35,000.00
46	Silica Gel 1 kg	1	16532.00	16,532.00	20,000.00	20,000.00	20,000.00	20,000.00	22,580.00	22,580.00	18,550.00	18,550.00
47	Orthocresol (100 gm)	1	29500.00	29,500.00	35,000.00	35,000.00	35,000.00	35,000.00	40,290.00	40,290.00	20,000.00	20,000.00
48	Endochrome Black T (100 gm)	1	14600.00	14,600.00	17,000.00	17,000.00	17,500.00	17,500.00	19,940.00	19,940.00	21,000.00	21,000.00
49	Sodium Chloride 1 kg	1	9500.00	9,500.00	11,000.00	11,000.00	12,000.00	12,000.00	12,975.00	12,975.00	22,500.00	22,500.00
50	Phosphorhamen (100 gm)	1	12400.00	12,400.00	13,500.00	13,500.00	14,000.00	14,000.00	16,935.00	16,935.00	15,550.00	15,550.00
51	Sodium Thiosulfate (2500 gm)	1	14156.00	14,156.00	17,000.00	17,000.00	16,000.00	16,000.00	19,335.00	19,335.00	16,500.00	16,500.00
52	Sarch 1 kg	1	22156.00	22,156.00	25,000.00	25,000.00	25,000.00	25,000.00	30,265.00	30,265.00	17,800.00	17,800.00
53	Potassium Iodide 01 kg	1	38900.00	38,900.00	45,000.00	45,000.00	45,000.00	45,000.00	53,135.00	53,135.00	16,950.00	16,950.00
54	Sodium Hydroxide Pellets (5000 gm)	1	19970.00	19,970.00	22,000.00	22,000.00	22,000.00	22,000.00	27,277.00	27,277.00	15,850.00	15,850.00
55	Magnesium Sulfate (2500 gm)	1	8700.00	8,700.00	12,000.00	12,000.00	11,000.00	11,000.00	13,480.00	13,480.00	21,000.00	21,000.00
56	Sodium Sulfate (1 gm)	1	12438.00	12,438.00	15,000.00	15,000.00	15,000.00	15,000.00	16,990.00	16,990.00	22,500.00	22,500.00
57	Ferric Chloride (1 kg)	1	26730.00	26,730.00	28,000.00	28,000.00	32,000.00	32,000.00	36,510.00	36,510.00	21,800.00	21,800.00
58	M-Endo Agar Cat # 1.11777	1	11520.00	11,520.00	13,000.00	13,000.00	14,000.00	14,000.00	15,735.00	15,735.00	10,500.00	10,500.00
59	Mac Conky broth Cat # 1.05396	1	14680.00	14,680.00	16,000.00	16,000.00	17,000.00	17,000.00	20,050.00	20,050.00	18,500.00	18,500.00
60	Mac Conky Agar Cat # 1.05465	1	15444.00	15,444.00	17,000.00	17,000.00	18,000.00	18,000.00	21,095.00	21,095.00	19,500.00	19,500.00
61	Selenite Cystan Broth Cat # 1.07709 (500 gm)	1	15444.00	15,444.00	17,000.00	17,000.00	18,000.00	18,000.00	21,095.00	21,095.00	16,500.00	16,500.00
62	EMB Agar Cat # 1.01347 (500 gm)	1	34320.00	34,320.00	40,000.00	40,000.00	40,000.00	40,000.00	46,898.00	46,898.00	19,500.00	19,500.00
63	Bright Green Blue Agar Cat # 1.10347 (500 gm)	1	12355.00	12,355.00	14,000.00	14,000.00	15,000.00	15,000.00	16,875.00	16,875.00	18,000.00	18,000.00
64	Nutrient Agar Cat # 1.05450 (500 gm)	1	27456.00	27,456.00	29,000.00	29,000.00	32,000.00	32,000.00	37,500.00	37,500.00	22,000.00	22,000.00
65	TICIS agar Cat # 1.10263 (500 gm)	1	7392.00	7,392.00	10,000.00	10,000.00	10,000.00	10,000.00	10,095.00	10,095.00	21,500.00	21,500.00
66	Propose Water Buffered Cat # 1.07268 (500 gm)	1	13728.00	13,728.00	14,000.00	14,000.00	17,000.00	17,000.00	18,750.00	18,750.00	22,000.00	22,000.00
67	SS Agar Cat # 1.07667 (500 gm)	1	10608.00	10,608.00	12,000.00	12,000.00	12,000.00	12,000.00	14,490.00	14,490.00	14,800.00	14,800.00
68	Plate Count Agar Cat # 1.05463 (500 gm)	1	10920.00	10,920.00	12,000.00	12,000.00	12,000.00	12,000.00	14,915.00	14,915.00	17,800.00	17,800.00
69	Sabouraud Dextrose Agar Cat # 1.05438 (500 gm)	1	20592.00	20,592.00	25,000.00	25,000.00	24,000.00	24,000.00	28,125.00	28,125.00	16,500.00	16,500.00
70	Bismuth Sulfate Agar Cat # 1.05418 (500 gm)	1	1200.00	1,200.00	1,300.00	1,300.00	1,000.00	1,000.00	1,640.00	1,640.00	15,800.00	15,800.00
71	Stain A (2.5 Liter)	1	12439.00	12,439.00	14,000.00	14,000.00	15,000.00	15,000.00	16,990.00	16,990.00	21,000.00	21,000.00
72	Crystal Violet (25 gm)	1	12440.00	12,440.00	14,000.00	14,000.00	14,000.00	14,000.00	16,880.00	16,880.00	18,500.00	18,500.00
73	Saffranine (25 gm)	1	9500.00	9,500.00	11,000.00	11,000.00	10,000.00	10,000.00	12,975.00	12,975.00	18,000.00	18,000.00
74	Loeblin Solution (2.5 liter)	1	14970.00	14,970.00	16,000.00	16,000.00	18,000.00	18,000.00	20,445.00	20,445.00	15,800.00	15,800.00
75	Xylene Solution (2.5 liter)	1	16157.00	16,157.00	20,000.00	20,000.00	20,000.00	20,000.00	22,070.00	22,070.00	21,000.00	21,000.00
76	Cresolwood (100 ml)	1	57915.00	57,915.00	70,000.00	70,000.00	70,000.00	70,000.00	79,100.00	79,100.00	22,000.00	22,000.00
77	Ammonium Test Kit Cat # 1.14825 Merck 500 Test	1	55400.00	55,400.00	70,000.00	70,000.00	70,000.00	70,000.00	75,670.00	75,670.00	16,500.00	16,500.00
78	Cyanide Test Kit Cat # 1.14820 Merck 200 Test	1	31500.00	31,500.00	34,000.00	34,000.00	35,000.00	35,000.00	43,000.00	43,000.00	21,000.00	21,000.00
79	Arsenic Test Kit Cat # 1.17297 Merck 100 Test	1	31500.00	31,500.00	34,000.00	34,000.00	35,000.00	35,000.00	43,000.00	43,000.00	20,500.00	20,500.00
80	Chromate Test Kit Cat # 1.14758 Merck 250 Test	1	17943.00	17,943.00	19,000.00	19,000.00	20,000.00	20,000.00	24,500.00	24,500.00	18,900.00	18,900.00
81	Lead Test Kit Cat # 1.09717 Merck 50 Test	1	29200.00	29,200.00	32,000.00	32,000.00	32,000.00	32,000.00	36,880.00	36,880.00	16,550.00	16,550.00
82	Nitrate Test Kit Cat # 1.09713 Merck 100 Test	1	29200.00	29,200.00	32,000.00	32,000.00	32,000.00	32,000.00	36,880.00	36,880.00	18,500.00	18,500.00
83	Mercur Test Kit Cat # 1.14548 Merck 350 Test	1	21375.00	21,375.00	24,000.00	24,000.00	26,000.00	26,000.00	30,000.00	30,000.00	19,350.00	19,350.00
84	Sulfate Test Kit Cat # 1.14548 Merck 25 Test	1	27000.00	27,000.00	30,000.00	30,000.00	30,000.00	30,000.00	36,880.00	36,880.00	18,900.00	18,900.00
85	Iron Test Kit Cat # 1.14761 Merck 250 Test	1	54950.00	54,950.00	60,000.00	60,000.00	65,000.00	65,000.00	74,975.00	74,975.00	20,000.00	20,000.00
86	Merck Test Kit Cat # 1.14785 Merck 250 Test	1	54950.00	54,950.00	60,000.00	60,000.00	65,000.00	65,000.00	74,975.00	74,975.00	30,000.00	30,000.00
87	Chlorine Test Kit Cat # 1.00602 Merck 1200 Test	1	32625.00	32,625.00	35,000.00	35,000.00	38,000.00	38,000.00	44,560.00	44,560.00	18,500.00	18,500.00
88	Copper Test Kit Cat # 1.14767 Merck 250 Test	1	1102.50	1,102.50	1,200.00	1,200.00	1,250.00	1,250.00	1,500.00	1,500.00	14,000.00	14,000.00
89	Volumeetric Flask with Cap 100 ml	6	1190.00	7,140.00	7,200.00	7,200.00	7,300.00	7,300.00	7,999.98	7,999.98	84,000.00	84,000.00
90	Volumeetric Flask with Cap 100 ml	6	1687.00	10,122.00	10,800.00	10,800.00	11,000.00	11,000.00	11,850.00	11,850.00	711,000.00	711,000.00
91	Volumeetric Flask with Cap 500 ml	6	2475.00	14,850.00	18,000.00	18,000.00	18,000.00	18,000.00	20,380.00	20,380.00	170,000.00	170,000.00
92	Volumeetric Flask with Cap 500 ml	6	3600.00	21,600.00	24,000.00	24,000.00	24,000.00	24,000.00	29,490.00	29,490.00	111,000.00	111,000.00
93	Volumeetric Flask with Cap 1000 ml	6	3600.00	21,600.00	24,000.00	24,000.00	24,000.00	24,000.00	29,490.00	29,490.00	155,000.00	155,000.00

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Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers		
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
94	Conical Flask 50 ml	6	731.00	Each	4,386.00	1000.00	6,000.00	833.15	5,000.10	100.00	600.00	1550.00	93,208.00
95	Conical Flask 100 ml	6	792.00	Each	4,740.00	1000.00	6,000.00	850.00	5,100.00	1080.00	6,480.00	1850.00	111,000.00
96	Conical Flask 250 ml	6	790.00	Each	4,740.00	1000.00	6,000.00	850.00	5,100.00	1080.00	6,480.00	2000.00	120,000.00
97	Conical Flask 500 ml	6	890.00	Each	5,340.00	1000.00	6,000.00	1100.00	6,600.00	1215.00	7,290.00	1850.00	111,000.00
98	Conical Flask 1000 ml	6	990.00	Each	5,940.00	1100.00	6,600.00	1200.00	7,200.00	1350.00	8,100.00	1950.00	117,000.00
99	Conical Flask 2000 ml	3	1890.00	Each	5,670.00	2000.00	6,000.00	2500.00	7,500.00	2380.00	7,740.00	2150.00	64,500.00
100	Suction Flask 1000 ml	3	16700.00	Each	50,100.00	18000.00	54,000.00	20000.00	60,000.00	22810.00	68,430.00	22500.00	67,500.00
101	Suction Flask 2000 ml	3	22500.00	Each	67,500.00	25000.00	75,000.00	25000.00	75,000.00	30730.00	92,190.00	18600.00	55,800.00
102	Measuring Flask 10 ml	6	900.00	Each	5,400.00	1000.00	6,000.00	1000.00	6,000.00	1230.00	7,280.00	1750.00	105,000.00
103	Measuring Flask 25 ml	6	900.00	Each	5,400.00	1000.00	6,000.00	1100.00	6,600.00	1230.00	7,280.00	1860.00	111,600.00
104	Measuring Flask 50 ml	6	1100.00	Each	6,600.00	1300.00	7,800.00	1300.00	7,800.00	1500.00	9,000.00	1580.00	94,800.00
105	Measuring Flask 100 ml	6	1100.00	Each	6,600.00	1300.00	7,800.00	1300.00	7,800.00	1500.00	9,000.00	1650.00	99,000.00
106	Measuring Flask 250 ml	3	3500.00	Each	10,500.00	4000.00	12,000.00	5500.00	16,500.00	4780.00	14,340.00	1850.00	56,850.00
107	Measuring Flask 500 ml	3	3070.00	Each	9,210.00	4200.00	12,600.00	5500.00	16,500.00	5422.00	16,266.00	1580.00	47,400.00
108	Measuring Flask 1000 ml	3	4950.00	Each	14,850.00	5000.00	15,000.00	5500.00	16,500.00	6760.00	20,280.00	1680.00	30,400.00
109	Burette 50 ml	6	4390.00	Each	26,340.00	4500.00	27,000.00	5000.00	30,000.00	6000.00	36,000.00	1850.00	111,000.00
110	Burette Stand	3	2900.00	Each	8,700.00	3200.00	9,600.00	4000.00	12,000.00	4000.00	12,000.00	2050.00	61,500.00
111	Burette Clamp	6	1500.00	Each	9,000.00	2500.00	12,000.00	1800.00	10,800.00	2050.00	12,200.00	1950.00	117,000.00
112	Pipette 01 ml	12	230.00	Each	2,760.00	250.00	3,000.00	250.00	3,000.00	350.00	4,200.00	2100.00	252,000.00
113	Pipette 02 ml	12	230.00	Each	2,760.00	250.00	3,000.00	250.00	3,000.00	350.00	4,200.00	2100.00	256,800.00
114	Pipette 05 ml	12	290.00	Each	3,480.00	350.00	3,840.00	350.00	4,200.00	400.00	4,800.00	2130.00	255,600.00
115	Pipette 10 ml	12	325.00	Each	3,900.00	350.00	4,200.00	400.00	4,800.00	440.00	5,280.00	1860.00	223,200.00
116	Pipette 25 ml	3	980.00	Each	2,940.00	1200.00	3,600.00	1000.00	3,000.00	135.00	405.00	1580.00	47,400.00
117	Pipette Stand	3	1980.00	Each	5,940.00	1200.00	3,600.00	2000.00	6,000.00	2700.00	8,100.00	1650.00	49,740.00
118	Test Tube 25 ml	12	290.00	Each	3,480.00	320.00	3,840.00	300.00	3,600.00	400.00	4,800.00	1890.00	226,800.00
119	Test Tube Stand	6	890.00	Each	5,340.00	1000.00	6,000.00	1000.00	6,000.00	1215.00	7,290.00	1965.00	117,900.00
120	Measurers Cylinder	12	2205.00	Each	26,460.00	2400.00	28,800.00	2500.00	30,000.00	3000.00	36,000.00	1850.00	222,000.00
121	Funnel 60 ml	3	563.00	Each	1,689.00	700.00	2,100.00	700.00	2,100.00	770.00	2,310.00	1250.00	37,500.00
122	Funnel 100 ml	3	563.00	Each	1,689.00	700.00	2,100.00	700.00	2,100.00	770.00	2,310.00	1860.00	55,800.00
123	Funnel 120 ml	3	787.00	Each	2,361.00	900.00	2,700.00	800.00	2,400.00	1075.00	3,225.00	1550.00	46,500.00
124	Funnel Stand	3	2450.00	Each	7,350.00	3000.00	9,000.00	3000.00	9,000.00	3345.00	10,035.00	1650.00	49,500.00
125	Glass Reagent Bottle white 100 ml	12	195.00	Each	2,340.00	200.00	2,400.00	200.00	2,400.00	265.00	3,180.00	2100.00	252,000.00
126	Glass Reagent Bottle white 250 ml	12	281.00	Each	3,372.00	300.00	3,600.00	300.00	3,600.00	385.00	4,620.00	1850.00	223,800.00
127	Glass Reagent Bottle white 500 ml	12	390.00	Each	4,680.00	400.00	4,800.00	400.00	4,800.00	532.00	6,384.00	1650.00	198,900.00
128	Glass Reagent Bottle white 1000 ml	12	590.00	Each	7,080.00	600.00	7,200.00	700.00	8,400.00	805.00	9,660.00	1950.00	234,000.00
129	Glass Reagent Bottle Amber 100 ml	12	220.00	Each	2,640.00	300.00	3,600.00	250.00	3,000.00	300.00	3,600.00	2100.00	252,000.00
130	Glass Reagent Bottle Amber 250 ml	12	340.00	Each	4,080.00	400.00	4,800.00	400.00	4,800.00	465.00	5,580.00	1870.00	224,400.00
131	Glass Reagent Bottle Amber 500 ml	12	440.00	Each	5,280.00	600.00	7,200.00	500.00	6,000.00	600.00	7,200.00	2180.00	261,600.00
132	Glass Reagent Bottle Amber 1000 ml	12	690.00	Each	8,280.00	800.00	9,600.00	750.00	9,000.00	940.00	11,280.00	2130.00	255,600.00
133	Glass Dropper Bottle	12	450.00	Each	5,400.00	500.00	6,000.00	500.00	6,000.00	615.00	7,380.00	1850.00	222,000.00

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Name of Work: ESTABLISHMENT / CONSTRUCTION OF WATER TESTING LABORATORY AT CHILYA

Item No	Description of Work	Estimated Cost			M/s. Khyber Builders		M/s. G.M Enterprises		M/s. Malik & Co		M/s. Muhammad Siddiq & Brothers		
		Quantity	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
134	Desiccator 210 mm	2	Unit	6300.00	Each	12,600.00	7000.00	14,000.00	15,000.00	8600.00	17,200.00	19,600.00	39,200.00
135	Positive Filter	6	Unit	890.00	Each	5,340.00	1000.00	6,000.00	6,000.00	1215.00	7,200.00	16,800.00	100,800.00
136	Plastic Bottle for Distilled Water Storage 50 lit	2	Unit	21375.00	Each	42,750.00	25000.00	50,000.00	50,000.00	29196.00	58,392.00	19650.00	39,300.00
137	Mortar & Plaster	2	Unit	1590.00	Each	3,180.00	1700.00	3,400.00	3,600.00	2170.00	4,340.00	18500.00	37,000.00
138	Glass Beaker 50 ml	12	Unit	495.00	Each	5,940.00	500.00	6,000.00	7,200.00	700.00	8,400.00	1,850.00	2,40,000.00
139	Glass Beaker 100 ml	12	Unit	495.00	Each	5,940.00	500.00	6,000.00	7,200.00	700.00	8,400.00	1,850.00	2,40,000.00
140	Glass Beaker 250 ml	12	Unit	590.00	Each	7,080.00	700.00	8,400.00	8,400.00	800.00	9,600.00	1,780.00	213,600.00
141	Glass Beaker 500 ml	12	Unit	890.00	Each	10,680.00	1000.00	12,000.00	12,000.00	1215.00	14,580.00	21,000.00	252,000.00
142	Glass Beaker 1000 ml	6	Unit	1215.00	Each	7,290.00	1400.00	8,400.00	9,000.00	1660.00	9,960.00	21,500.00	139,000.00
143	China Dish 100 ml	6	Unit	450.00	Each	2,700.00	500.00	3,000.00	3,000.00	615.00	3,690.00	2,500.00	132,000.00
144	Petri Dish 100 mm	12	Unit	250.00	Each	3,000.00	300.00	3,600.00	3,600.00	340.00	4,080.00	1,485.00	1,78,200.00
145	Rustk Tong	4	Unit	890.00	Each	3,560.00	1000.00	4,000.00	4,000.00	1215.00	4,860.00	1,865.00	74,600.00
146	Beaker Tong	4	Unit	890.00	Each	3,560.00	1000.00	4,000.00	4,000.00	1215.00	4,860.00	1,865.00	74,600.00
147	Spatula S/S	4	Unit	890.00	Each	3,560.00	1000.00	4,000.00	4,000.00	1215.00	4,860.00	1,865.00	74,600.00
148	Slide Microscope	2	Unit	650.00	Each	1,300.00	700.00	1,400.00	2,000.00	900.00	4,900.00	20,000.00	80,000.00
149	Cavity Slide	1	Unit	1200.00	Each	1,200.00	1300.00	1,300.00	1,500.00	1640.00	1,640.00	21,500.00	21,500.00
150	Slide Box	1	Unit	2900.00	Each	2,900.00	3200.00	3,200.00	3,000.00	3,960.00	3,960.00	16,500.00	16,500.00
151	Cover Box	1	Unit	4500.00	Each	4,500.00	5000.00	5,000.00	5,000.00	6145.00	6,145.00	20,580.00	20,580.00
152	Wire loop	4	Unit	450.00	Each	1,800.00	600.00	2,400.00	2,000.00	630.00	2,600.00	1,680.00	67,200.00
153	Glass Rod	6	Unit	45.00	Each	270.00	70.00	420.00	300.00	70.00	420.00	220.00	132,000.00
154	Whatman Filter Paper # 42	4	Unit	2950.00	Each	11,800.00	1300.00	12,800.00	14,000.00	4030.00	16,120.00	1,965.00	78,600.00
155	Rubber Gork	2	Unit	950.00	Each	1,900.00	1300.00	2,400.00	2,000.00	1,298.00	2,596.00	1,865.00	37,300.00
156	Burner	6	Unit	950.00	Each	5,700.00	1200.00	7,200.00	6,000.00	1,298.00	7,788.00	1,850.00	111,000.00
157	Burner Stand	2	Unit	1450.00	Each	2,900.00	1500.00	3,000.00	4,000.00	1,980.00	3,960.00	1,875.00	37,500.00
158	Wire Gauze	4	Unit	180.00	Each	720.00	250.00	1,000.00	800.00	250.00	1,000.00	2,000.00	40,000.00
159	Pen Type PH Meter	1	Unit	12000.00	Each	12,000.00	15000.00	15,000.00	15,000.00	16500.00	16,500.00	16,500.00	1,650.00
160	Pen Type TDS Meter	1	Unit	12000.00	Each	12,000.00	15000.00	15,000.00	15,000.00	16500.00	16,500.00	16,500.00	1,650.00
161	Pen Type Conductivity Meter	1	Unit	12000.00	Each	12,000.00	15000.00	15,000.00	15,000.00	16500.00	16,500.00	16,500.00	1,650.00
	TOTAL "C"					7,031,133.00		8,182,760.00	8,239,200.02		9,861,279.00		10,735,240.00
						1,195,293							
						8,226,426							
PART-D													
(Procurement of Laboratory Brand New Hamza 15 Seater Van with CNG Kit with 02 Cylinder for Mobile Laboratory Chilya KW&SB)													
1	Brand New Hamza 15 Seater Van DL-Model 2012, white Color, 2237 CC	1	No	1899000	Each	1,899,000.00	1899000.00	1,899,000.00	1,900,000.00	2,234,580.00	2,234,580.00	3200000.00	3,200,000.00
2	CNG kit with 02 Cylinder	1	No	75000	Each	75,000.00	75000.00	75,000.00	80,000.00	90,000.00	90,000.00	300000.00	300,000.00
						335,580.00		335,580.00	336,600.00	395,178.00	395,178.00	595,000.00	595,000.00
	TOTAL "D"					2,309,580.00		2,309,580.00	1,980,000.00	2,324,580.00	2,324,580.00	3,795,000.00	3,795,000.00
	GRAND TOTAL "A" + "B" + "C" + "D"					28,502,269		29,184,764	29,718,901	34,152,240	34,152,240	41,667,251	41,667,251

[Signature]
 (Fiaz Rizvi Bajwa)
 Accounts Officer
 Member / Secretary

[Signature]
 (Said-ul-Haque)
 Addl. Director Internal Audit
 KMC - Member

[Signature]
 (Masood Ahmed Shaikh)
 Superintending Engineer (K.M.C.)
 Member

[Signature]
 (Jameel Akhtar)
 Chief Engineer (B.T)
 Member

[Signature]
 (Azeem Raza Khan)
 Chief Engineer (IP)
 Convener