

**"SAY NO TO CORRUPTION"****Director (A&F),**

Sindh Public Procurement Regulatory Authority

(SPPRA), Services General Administration &

Coordination Department, Government of Sindh,

Barrack No. 8, Sindh Secretariat No.04-A, Court Road,

KARACHI

Ph. No. 021-9205356-69.

Subject: **PUBLICATION OF THE AWARD OF CONTRACT UNDER RULE-50.**Reference: (SPPRA Serial No.36048, Dated: 08th January, 2018)(BER SPPRA Serial No.13004, Dated: 06th February, 2018)

Dear Sir,

Please find enclosed herewith the required documents of following works attached as per SPPRA Rule (50) 2010 (Amended 2013).

S. #	Name of Work	Awarded Cost
01	Construction of Guest House at SMBB Medical University, Larkana	75,330,605
02	Construction of Kidney Transplant at SMBB Medical University, Larkana	40,979,929
03	Construction of Musfir Khana at SMBB Medical University, Larkana	19,010,556
04	Construction of Main Gate of CMC at SMBB Medical University, Larkana	27,878,604
05	Construction Internal Roads and Pathways at SMBB Medical University, Larkana	45,124,018
06	Rehabilitation of Gymnasium and Tennis Court at CMC, of SMBBMU, Larkana	11,804,131
	Grand Total Amount	220,127,843

- Bid Evaluation Report
- Letter of Acceptance
- Letter of Award
- Contract Evaluation Form
- Bill of Quantities (BOQs)

This is for your kind information and further necessary action please.

(Signature)
ENGR. KALEEM ULLAH SHAIKH
EXECUTIVE ENGINEER

Copy for information to:


- The Registrar, SMBB Medical University, Larkana.
- The Principal CMC, Larkana.
- The Director Finance, SMBB Medical University, Larkana
- The Director P&D SMBB Medical University, Larkana
- The P.S to Vice Chancellor, SMBB Medical University, Larkana.
- Office Record.


SPPRA INWARD DIARY
 NO : 2930
 DATED 02-05-2018


1. Name of Procuring Agency: **Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.**
2. Tender Reference No: **No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018**
3. Tender Description/Name of work/item: **CONSTRUCTION OF GUEST HOUSE AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**
4. Method of Procurement: **Domestic/ Local.**
5. Tender Published: **SPPRA Web Site on 08-01-2018. On University website 08-01-2018**
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).
6. Total Bid documents Sold:- **04 Nos.**
7. Total Bids Received: **03 Nos.**
8. Technical Bid Opening date: (if applicable) **Not Applicable** (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): **Not Applicable.**
10. Bid(s) Rejected: **Nil.**
11. Financial Bid Opening Date: **24-01-2018.**
12. Bid Evaluation Report:
13. Estimated Cost:- **Rs:75,300,000.00**

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Zahid Ali Jatoti Larkana	Rs: 77,660,418.00	1 st	+3.135% (Above)	Acceptable due to 1 st lowest.	
2.	M/s OM Parkash M.Kurdnani Larkana	Rs: 81,876,866.00	2 nd	+ 8.734% (Above)	2 nd Lowest	
3.	M/s Muhammad Ramzan & Co Sukkur	Rs: 88,845,972.00	3 rd	+17.989 % (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
 Assistant Engineer
 Board of Intermediate & Secondary
 Education Larkana


Sarfraz Ahmed Tunio
 Accounts Officer
 SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
 Executive Engineer
 SMBB Medical University, Larkana



Executive Engineer

BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA

No. SMBBMU/XEN/ 788 / Dated: 23 /04/ 2018

"SAY NO TO CORRUPTION"

M/s. Zahid Ali Jatoi

LARKANA

LETTER OF ACCEPTANCE /INTENT

SUBJECT: - **CONSTRUCTION OF GUEST HOUSE AT SHAHEED MOHTARMA
BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of Rs. 75,330,605/- (*Rupees Seventy Five Million Three Hundred Thirty Thousand Six Hundred Five Only*); has been accepted by the University Authorities being lowest in competition.

❖ ***NO PREMIUM SHALL BE PAID ON QUOTED RATES.***

❖ ***NO CARTAGE SHALL BE PAID SEPARATELY.***

❖ ***NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.***

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana.

Received



ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

"SAY NO TO CORRUPTION"

M/s. Zahid Ali Jatoi

LARKANA.**WORK ORDER**

SUBJECT: - **CONSTRUCTION OF GUEST HOUSE AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I tender for the above mentioned work amounting to Rs. 75,330,605/- (*Rupees Seventy Five Million Three Hundred Thirty Thousand Six Hundred Five Only*) being the 1st Lowest in competition which comes after rebate of (3 %) on overall bid cost offered by your firm.

(i) Sindh Government Composite Schedule of Rates 2012 (Civil Works).

@ 20% Above (Twenty Percent Above)

(ii) Non Schedule Items (Civil Work) Rs: 14,034,063/-

(iii) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works).

@ 16% Above (Sixty Percent Above)

(iv) Non Schedule Items (Plumbing Work) Rs: 3,233,260/-

(v) Sindh Government Composite Schedule of Rates 2012 (Electrical Works).

@ 10% Above (Ten Percent Above)

(vi) Non Schedule Items (Electric Works) Rs: 3,254,300/-

(vii) Sindh Government Composite Schedule of Rates 2012 (Civil Works External Development). @ 23.50% Above (Twenty Three Point Five Zero Above)

(viii) Non Schedule Items (External Development) Rs: 1,753,212/-

(ix) Non Schedule Items (External Electrification Works). Rs: 1,386,500/-

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule "B"/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule "B" of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work inforce from 2012.

- design and in conformity with the Schedule of progress appended to / appearing in clause 2 of the Contract Agreement. In the event of failure you will have to pay compensation to the Government as per terms and conditions of your contract agreement.
8. No cartage changes of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid
 9. No premium shall be paid on Non- Schedule items.
 10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.
 11. All RCC/CC cost in situ shall be mechanically vibrated.
 12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
 13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities & to start the work at site and complete the work within (18) Eighteen Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana..
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF
WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University, Larkana
- 2) PROVINCIAL / LOCAL GOVT. / OTHER Autonomous (Others)
- 3) TITLE OF CONTRACT Construction of Guest House at
- 4) TENDER NUMBER SMBB Medical University, Larkana
- 5) BRIEF DESCRIPTION OF CONTRACT (1) No. SMBBMU/GEN/744/ptdtd: 24/4/2018
- 6) FORUM THAT APPROVED THE SCHEME Vice Chancellor SMBBMU, Larkana
- 7) TENDER ESTIMATED VALUE Rs. 75,300,000/-
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) (12) Eighteen (Months)
- 10) TENDER OPENED ON (DATE & TIME) 24/1/2018 at 1:00 P.M
- 11) NUMBER OF TENDER DOCUMENTS SOLD (04) Four
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED (03) Three
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS (03) Three
- 14) BID EVALUATION REPORT
(Enclose a copy) Copy Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER Mrs. Zahid Aki Tatoi Larkana
- 16) CONTRACT AWARD PRICE Rs. 75,339,605/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
Mrs. Zahid Aki Tatoi Larkana
Mrs. Muhammad Ramzan Ali Co Sahib
Mrs. DM Poshash M. Kumbhari Larkana
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

a) SINGLE STAGE – ONE ENVELOPE PROCEDURE	<u>Yes</u>	<input checked="" type="checkbox"/> Domestic/ Local
b) SINGLE STAGE – TWO ENVELOPE PROCEDURE	_____	<input checked="" type="checkbox"/>
c) TWO STAGE BIDDING PROCEDURE	_____	<input checked="" type="checkbox"/>
d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE	_____	<input checked="" type="checkbox"/>

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT VC, SMBBMM, Lakshmi

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 Date 8/1/2018
No	

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

Yes	Jun 6/1/2018 Dawn 6/1/2018
No	Kashmir 6/1/2018

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	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?

(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	NO

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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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, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer



FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY
LARKANA**

**BILL OF QUANTITIES FOR
CONSTRUCTION OF
GUEST HOUSE**

Issued to: M/s. Zahid Ali Jatoi, Constructors & planner

CONSULTANTS



ESS.I.AAR
Planning, Engineering & Services Consultants

BILL OF QUANTITIES
GUEST HOUSE
AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA

S.No	ITEMS OF WORKS	COST (Rs.)
1	TENDER GUEST HOUSE	77,660,418/-
	TOTAL AMOUNT	

In words:- Seven Crore Seventy Six Lakhs Sixty
Thousand Four Hundred Eighteen only/-

SEAL Engineer
SMBB Medical University
LARKANA
Seal and Sign of Client

SEAL
Mis Zahid Ali Jatoi
Larkano
SEAL
Seal and Sign of Contractor

SEAL
Mis Zahid Ali Jatoi
Larkano
SEAL

AT

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

Description	Cost
Cost Summary of Guest House (Ground + First Floor)	
Civil Works	
Schedule Items:	31,289,569
Above 20 % Premium on Schedule Items	(6,257,900)
Non Schedule	(1,403,400)
Plumbing ✓	(Rs = 5,158,546)
Schedule Items	1,284,501
Above 16 % Premium on Schedule Items	(2,05,500)
Non Schedule Items	(3,233,000)
Electrical ✓	(Rs = 4,723,293)
Schedule Items	1,531,100
Above 16 % Premium on Schedule Items	(1,53,110)
Non Schedule Items	(3,254,300)
✓	(Rs = 4,938,558)
TOTAL OF A	(Rs = 62,43,397) ✓
Cost Summary External Development	
Civil Works	
Schedule Items	10,750,800
23.5% Premium on Schedule Items	(2,52,600)
Non Schedule Items	(1,753,200)
External Electrification ✓	(Rs = 15,030,520)
Non Schedule Items	(13,865,000)
TOTAL OF B	(Rs = 16,417,020)
Grand Total (A+B)	(Rs = 77,660,418) ✓



Civil Work



A handwritten signature in black ink, appearing to be "Zahid Ali Jatoi".

CIVIL WORKS

SCHEDULE ITEMS (PART I)

FOUNDATION					
ITEM #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
EXCAVATION:					
SC/C1/ SL No. 10.11/P- 4	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-5) (for foundation)	%0Cft	3176.25	32147.83	102,000
SC/C1/ ITEM 10.22/ P-4	EARTH FILL FROM OUTSIDE: (FOR FLOORING) watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5feet.	%0Cft	3630.00	65365.99	237,200
SC/C1/ ITEM 10.32/ P-2	LEAD FOR EXCAVATED EARTH FROM OUTSIDE: Extra for every 50 ft. additional lead or part thereof. (a) For earth work (soft, ordinary, hard and very hard.)	%0Cft	100.75	65365.99	6,588
SC/C18/ ITEM 10.92/ P-109	ANTI TERMITE: Providing Anti-termite treatment by spraying /sprinkling /spreading Neptachler 0.5% Emulsion as an overall pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc, as per directions of Engineer Incharge	SFT	9.74	11382.30	11,104
SC/C18/ ITEMS/P- 25	LEAN CONCRETE (1:4:8): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (b) Ratio 1:4:8).	%Cft	11288.75	2432.57	27,407




2-104/ DEM 2-105/ 2-106	REINFORCED CEMENT CONCRETE: (REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle)				
	a) R.C work in roof slab, beams columns rafts,lintels and other structural members laid in situ or precast laid in position complete in all respectsposition complete in all respects. (i) Ratio (1:2:4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage. (ii) 1:1.5:3				
	Ratio (1:1.5:3)	CFT	349.00	594.93	5632
	Ratio (1:2:4)	CFT	337.00	10842.20	3, 923
2-104/ DEM 2-105/ 2-106	C.C. PLAIN: (BELOW EXTERNAL PLINTH BEAM) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%CFT	12595.00	4791.77	11,523
	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (ii)vertical				
2-104/ DEM 2-105/ 2-106	b)For CC plain below external plinth beam.	%SFT	3127.41	5231.19	1, 501
2-104/ DEM 2-105/ 2-106	C.C (1:3:6): (3" THICK FOR FLOORING) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (h) Ratio 1:3:6	%CFT	12595.00	1674.91	2, 155
	POLYTHENE SHEET: Providing and laying single layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer incharge.				
2-104/ DEM 2-105/ 2-106	b) Below flooring	SFT	10.70	11395.33	12, 30
2-104/ DEM 2-105/ 2-106	BITUMEN COATING: (FOR VERTICAL ON SIDES OF PLINTH BEAM) Bitumen coating to plastered or cement concrete surface.	%SFT	778.09	12170.06	9, 84



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Item #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
GROUND FLOOR					
304/C4/ ITEM 5-2(ii) P-15	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 : 1 1/2 : 3.				
	a) Columns	CFT	349.00	1161.65	405,41
304/C4/ ITEM 5-2(i) P-15	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" gauge.				
	a) Beams	CFT	337.00	3292.50	1,109,57
	b) Slabs	CFT	337.00	5871.38	1,978,65
	c) Lintel	CFT	337.00	230.09	77,54
304/C5/ ITEM 5-1(c) P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.00	7767.39	1,027,39
304/C9/ ITEM 11/P-52	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%SFT	2197.52	20192.00	443,72
	b) 1/2" thick	%SFT	2283.93	20192.00	461,17
304/C9/ ITEM 11/P-52	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%SFT	2197.52	5967.41	131,12
	b) 1/2" thick	%SFT	2283.93	5967.41	136,29
304/C9/ ITEM 11/P-55	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height)	%SFT	6319.50	3580.45	226,26



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		(RS.)			
	MATT FINISH: Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (new surface)	%SFT	1989.62	20192.00	401,7
	(b) Second coat.	%SFT	727.38	20192.00	146,8
	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling).	%SFT	442.75	9366.84	41,4
	2 COATS DISTEMPER: Distemping (b) Two Coats	%SFT	1043.90	9366.84	97,7
	FRENCH POLISHING: (ON DOORS,) French Polishing complete (a) new work	%SFT	3841.75	1576.00	60,5
	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
	Primer coat	%SFT	521.95	724.00	3,77
	Each subsequent coat of paint.	%SFT	374.44	724.00	2,71
	CONCRETE(1:2:4) FOR BASE OF TOILET FLOORING: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: (b) 1 1/2" thick	%SFT	2548.29	665.00	16,946
	SCREEDING FOR ROOF: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: (c) 3" thick	%SFT	4411.82	1097.85	48,435
	BITUMEN COATING: (FOR ROOF) Providing & fixing Bitumen felt paper of 60lbs over roof i.e. cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 lbs per %sft as premix inter coats and then laying felt paper with 10% overlaps, then applying and spreading hill sand at the rate of 1 cft for 100sft the cost also i/e necessary fire material, kerosene oil, wood, etc.	P.SFT	54.70	1097.85	60,052
	WATER SPOUT: Fixing water Spout or Purnalah.	Each	211.75	25.00	5,294



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	Description of Work	Unit	(Rs.)	Qty	Amount
3218	BORING				
3219	Boring and fixing 1 1/2" dia. Pressure pipe. (S.I No. 26/ P-102)				
3220	In ordinary soil	P.Lft	53.44	30.00	1,603
3221	In shingle	P.Lft	144.19	40.00	5,768
3223	Cutting pipes Above 2" dia	P.Cut	66.55	40.00	2,662
3224	Threading 1-1/2" dia Pressure Pipe	Per End	46.64	6.00	280
3225	Assembling 1/12" dia pressure Pipe	%Lft	166.38	80.00	133
3226	Providing laying uPVC Pressure pipe pipes of class D (equivalent make) fixing in trench i/c cutting fitting and jointing with Z joint with one rubber ring i/c testing with water to a head 122 meter or 400 ft.	Rft	226.00	80.00	18,080
3227	MORTICE LOCK				
3228	Providing and fixing approved quality mortice lock.	Each	1786.13	33.00	58,942
3229	GLAZED CERAMIC TILES				
3230	Laying floor of approved coloured with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete	%Sft	27747.06	665.00	184,518
3231	GLAZED CERAMIC TILES DADO				
3232	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	%Sft	28299.30	2815.44	796,750
3233	ALUMINIUM, WINDOWS & VENTILATORS:				
3234	Supplying & Fixing In Position Aluminum Channels Framing For Sliding Windows & Ventilators Of Alcop Made With 5mm Thick Tinted Glass Glazing (Belgium) & Aluminum Fly Screen I/C Handles Stoppers & Locking Arrangement Etc.Complete				
3235	A) Windows & Ventilators	P.Sft	1647.69	1324.00	2,181,542
3236	NEW STEEL GRILL:				
3237	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 aprt equivalent fitted with screws are pins i/c painting 3 coats with 1st coat of red oxide paint etc	SFT	194.16	724.00	140,572
3238	G.I. FRAMES FOR DOOR				
3239	Providing & fixing G.I frames/choukhats of size 7"x2" or 4 1/2"x3" for door using 20 guage G.I sheet i.e welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the Jambs. The cost also i.e all cartlage, tools and plants used in making and fixing.	P.Rft	228.90	594.50	136,081
3240	TOR STEEL:				
3241	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars). B) Using Tor Bars				
3242	a) Horizontal and Vertical members	Cwt	5001.70	905.71	4,530,102



	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
	FIRST FLOOR				
	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in positioncomplete in all respects. (ii Ratio 1:1 1/2: 3.				
	a) Columns	CFT	349.00	689.73	240,000
	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid seperately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in positioncomplete in all respects. (i) Ratio (1 :2: 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.				
	a) Beams	CFT	337.00	2584.21	870,000
	b) Slabs	CFT	337.00	4133.56	1,395,000
	c) Lintel	CFT	337.00	189.45	63,800
	BRICK MASONRY				
EX/CS/TEM	Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	5298.20	700,000
EX/CS/TEM	EXRTRA LABOUR FOR BRICK WORK: Add extra labour in ITEM No 5 for Brick Work in Frist floor	%Cft	438.63	3526.57	15,000
EX/CS/TEM	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height. (Add extra 13% labour rate for first floor)				
	a) 3/8" thick	%SFT	2483.20	14525.04	360,000
	b) 1/2" thick	%SFT	2580.84	14525.04	374,000
	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height.(Add extra 13% labour rate for first floor)				
EX/CS/TEM	a) 3/8" thick	%SFT	2483.20	8067.15	200,000
	b) 1/2" thick	%SFT	2580.84	8067.15	200,000



CH/C9/ ITEM no.14/ P-36	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	4806.99	3 173
CH/C9/ ITEM no.36a/ P-55	MATT FINISH: Preparing the surface and painting with matt finish l/c rubbing the surface with Bathy (silicon carbide rubbing brick) filing the voids with zink/chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (new surface)	%SFT	1989.62	14525.04	2,4993
ITEM no.35b	(b) Second and each subsequent coat.	%SFT	727.38	14525.04	105,652
CH/C9/ ITEM no.23/ P-54	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling).	%SFT	442.75	6131.50	77,147
CH/C9/ ITEM no.24b/ P-54	2 COATS DISTEMPER: Distemping b) Two Coats	%SFT	1043.90	6131.50	104,007
CH/C11/ ITEM no.7a/ P-71	FRENCH POLISHING: French Polishing complete (a) new work	%SFT	3841.75	1288.00	49,482
CH/C11/ ITEM no.5d/ P-70	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
(i)	Primer coat	%SFT	521.95	688.00	3,591
(ii)	Each subsequent coat of paint.	%SFT	374.44	688.00	2,576
CH/C8/ ITEM no.16b/ P-42	CONCRETE(1:2:4) FOR BASE OF TOILET FLOORING: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: b) 1 1/2" thick	%SFT	2548.29	741.50	18,896
CH/C8/ ITEM no.16d/ P-42	SCREEDING FOR ROOF: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: c) 3" thick	%SFT	4411.82	4139.56	182,630



21/08/24/103	BITUMEN COATING: (FOR ROOF) Providing & fixing Bitumen felt paper of 60Lbs over roof i.e. cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 Lbs per %sft as premix inter coats and then laying felt paper with 10% overlaps, then applying and spreading hill sand at the rate of 1 cft for 100sft the cost also i/e necessary fire material, kerosene oil, wood, etc.	P.SFT	54.70	4139.56	226,434
21/08/24/103	WATER SPOUT: Fixing water Spout or Purnalah.	Each	211.75	8.00	1,694
21/08/24/103	MORTICE LOCK Providing and fixing approved quality mortice lock.	Each	1786.13	33.00	58,942
21/08/24/103	ALUMINIUM, WINDOWS & VENTILATORS: Supplying & Fixing In Position Aluminum Channels Framing For Sliding Windows & Ventilators Of Alcop Made With 5mm Thick Tinted Glass Glazing (Belgium) & Aluminum Fly Screen I/C Handles Stoppers & Locking Arrangement Etc.Complete				
	b) Windows & Ventilators	P.Sft	1647.69	688.00	1,133,511
21/08/24/103	GLAZED CERAMIC TILES Laying floor of approved coloured with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete	%SFT	27747.06	741.50	205,744
21/08/24/103	GLAZED CERAMIC TILES DADO Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	%SFT	28299.30	2556.00	723,330
21/08/24/103	KHAPRIEL TILE: Khapriel (Mangalore) Tile 15"x8"x1-1/2" of approved designed/shape laid flat in 1:2 grey cement mortar over a bed of 3/4" thick cement mortar(1:2)	%SFT	3645.65	4057.50	147,922
21/08/24/103	NEW STEEL GRILL: Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 apt equivalent fitted with screws are pins i/c painting 3 coats with 1st coat of red oxide paint etc	SFT	194.16	688.00	133,582
21/08/24/103	TOR STEEL: Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars). II) Using For Bars				
	a) Horizontal and Vertical members	Cwt	5001.70	466.31	2,332,323

		(Rs.)		
17/	G.I. FRAMES FOR DOOR			
18/	Providing & fixing G.I frames/choukhats of size 7"x2" or 4			
19/	1/2"x3" for door using 20 guage G.I sheet i.e welded hinges and	P.Rft	228.90	528.50
20/	fixing at site with necessary hold fasts, filling with cement sand			120.00
21/	slurry of ratio 1:6 and repairing the jambs. The cost also i.e all			
22/	carriage, tools and plants used in making and fixing.			
	Schedule Items Total (G/F + F/F)			31,289.50



Sl. #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
NON SCHEDULE (PART II)					
FOUNDATION					
CR01	STONE SOLING: Providing and laying soling stones 6 inches to 9 inches (152 mm to 229 mm) size under floors including packing with spawls and chips and consolidating etc. complete.	CFT	48/-	8648.83	415.11
CR02	1:9 C/S Blending: Providing and laying in CC Blending 1:9 (1 cement 9 all in aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge for filling voids in foundation, basement and plinth including compacting, curing etc. complete, foundation and basement up to 5 feet (1.52 m) depth and plinth up to 4 feet (1.2 m) height from ground level.	CFT	160/-	774.68	123.98
CR03	SR CEMENT: Providing and using sulphate resisting cement in place of ordinary portland cement in item of RCC..				
	Lean 1:4:8	Bags	40-	230.53	9221
	Foundation PAD ratio 1:2:4	Bags	40-	1440.79	5763
	Column up to N.G.L ratio 1:2:4	Bags	40-	104.71	4188
	Column N.G.L to P.L ratio 1:2:4	Bags	40-	166.68	6667
	Plinth Beam Ratio 1:2:4	Bags	40-	401.19	16049
	Cement Concrete Plain 1:3:6	Bags	40-	590.35	2361



Item #	Description of ITEM	Unit	Rate	Qty	Amount
			(Rs.)		
GROUND FLOOR					
QR 01	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	320-	7255.65	2,32,800
QR 02	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	330-	569.54	187,908
QR 03	RAILING Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement concrete 1:2:4 etc. complete in any floor	RFT	650-	82.15	83,300
QR 04	FLUSH DOOR(FOR BATHROOM): Providing and fixing 1-1/2 inch (38 mm) thick pressed veneered inter wood flushed door shutters with teak wood veneering, cutting and making good damages to walls and floors etc., as required. (Inter Wood Or it's Equalant) As Per Direction of Engineer incharge	SFT	3,600-	240.00	864,000
QR 05	PANEL DOOR: Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required. (Inter Wood Or it's Equalant) As Per Direction of Engineer incharge.	SFT	5,700-	548.00	3,123,600
QR 06	GYPSUM FALSE CEILING Gypsum board tiles (including all accessories i.e plum, T, angles & clips)	SFT	190-	4087.33	776,593
QR 07	FACE BRICK: Machine made Gutca bricks tiles 2" x 2" x 9" i/c 10% wastage.	SFT	160-	2386.96	381,914



77

ITEM #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
FIRST FLOOR					
OR 01	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	320-	5396.00	1726,720
OR 02	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	330-	423.05	139,600
OR 03	RAILING Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement concrete 1:2:4 etc. complete in any floor.	RFT	650-	291.57	189,520
OR 04	GYPHUM FALSE CEILING Gypsum board tiles (including all accessories i.e plum, T, angles & clips)	SFT	190-	291.57	55,398
OR 05	FLUSH DOOR(FOR BATHROOM): Providing and fixing 1-1/2 inch (38 mm) thick pressed veneered inter wood flushed door shutters with teak wood veneering, cutting and making good damages to walls and floors etc., as required. (Inter Wood Or it's Equalant) As Per Direction of Engineer incharge	SFT	3600-	300.00	1,080,000
OR 06	PANEL DOOR: Providing and fixing 1-1/2 inch (38 mm) thick best quality deodar wood shutters fully panelled with same wood, approved iron hinges and tower bolts, etc., as required..(Inter Wood Or it's Equalant) As Per Direction of Engineer incharge.	SFT	5700-	344.00	1,960,800
OR 07	FACE BRICK: Machine made Gutca bricks tiles 2" x 2" x 9" i/c 10% wastage.	SFT	160-	3226.96	516,298
PART-II (NON SCHEDULE ITEMS) TOTAL IS =					

-133350

Rs. 1403400



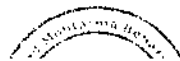
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PLUMBING WORK



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**BILL OF QUANTITIES OF GUEST HOUSE AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA**

**PLUMBING WORKS
SCHEDULE OF ITEM**

Sl. No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
1	SCH/C1/ ITEM 22/P-6)	Providing & fixing 1/2" dia, lead connection complete with a 1/2" dia brass stop cock, two brass nuts & lining jointed to lead pipe with plumber wiped solder joints 1/2" inches lead pipe to be of not less than 4lbs per lineal yard	Each	689.70	68.00	46,900
2	SCH/C3/ ITEM 2/P-9)	Providing & fixing M.S clamps of the approved design to 4" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall including pipe distance pieces extra painting to match the colour of the building .	Each	72.16	73.00	5,268
3	SCH/C3/ ITEM 14/P-10).	Providing & fixing M.S clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building	Each	264.00	95.00	25,080
4	SCH/C3/ ITEM 12(B)/P-18).	(b) S/Fixing concealed Tee stop cock of superior quality with c.p head 1/2" dia	Each	889.46	100.00	88,946
5	SCH/C3/ ITEM 13(a)/P-19).	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia	Each	1109.46	28.00	31,065
6	SCH/C3/ ITEM. 1(i)/P-24	Supplying & fixing 6" x 4" earthen gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2 thick cement plaster (1:3) to the karb C.I grating 6" x 6" and C.I. cover and frame 12"x12" (inside) etc Complete (b) earthen ware glazed gully trap(a) (i) 6"x6"x4" (i) With C.I Cover and Frame	Each	1220.67	35.00	42,723
7	SCH/CII/ ITEM. 1/P-46).	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6"(1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole Cover with Frame of Clear opening 1-1/2' x 1-1/2' (457x457 mm) of 1.75 cwt (88.9) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6" (150 mm) Wide Projecting 4" (102mm) from the face of wall at 12" (305 mm) C/C duly Painted Etc. Complete as per standard Specification and Drawing. (a) 4" to 12" dia 2'x2'x3'-6"	Each	14748.00	40.00	589,920
8	SCH/C6/ ITEM. 19(a)/P-19)	Providing & fixing C.P muslim shower with double bib cock & ring pipe .	Each	3432.00	37.50	128,700
9	SCH/C6/ ITEM 1/P-17	Supplying & fixing handle valves (china))				
		i) 3/4" dia	Each	271.92	63.00	17,131
		ii) 1" dia	Each	365.42	10.00	3,654
		iii) 1-1/2" dia	Each	640.42	5.00	3,202



Sl. No.	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
1	SCH/C6/ ITEM19(a)/P-6)	Providing and fixing steel stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" rubber plug chrome brass chain 1-1/2" c.p brass waste with 1-1/2" plate P.V.C waste pipe and making good in cement concrete 1:2:4 a) Steel sink stainless sized 40" x 20" local making (Standard Pattern)	Each	5052.30	3.00	15,156.90
2	SCH/C6/ ITEM20 / P-19)	Supplying & fixing telephonic shower with ring pipe etc complete	Each	1122.00	25.00	28,050.00
3	SCH/C6 4(A)/P-17)	Providing & fixing full way gun metal valves with wheels threaded or flanged ends with rubber washing				
		(v) 1-1/2" dia	Each	695.42	7.00	4,867.94
		(vii) 2" dia	Each	956.12	7.00	6,692.84
3	SCH/C6/ ITEM17 / P-19)	Supplying & fixing sink mixture cock of each superior quality with c.p head etc complete	Each	2745.60	3.00	8,236.80
4	SCH/C1/ ITEM 8 / P-3)	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint , a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern)	Each	4253.70	33.00	140,372.10
15	SCH/C1/ ITEM 19 / P-3)	Add extra for labour for providing and fixing of earthen ware pedestal white or coloured glazed	Each	938.47	33.00	30,970.11
16	SCH/C1/ ITEM 4(b) / P-7)	Providing and fixing 15" x 12" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden plateat (b) Superior Quality	Each	2047.76	33.00	67,577.08
Sub-Total =						1,284,511.03



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2) NON SCHEDULE OF ITEM

Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		(Rs.)
OR 1	Providing and fixing porta or equivalent European type white glazed earthen ware wash down w3.0 pan complete with 1/c cost of white black plastic seat (Best Qty) & lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistern with siphon fitting 1-1/2" dia white porcelain enamelled flush bend 3/4" dia and making requisite number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4. (foreign quality)	Each	20,000	22	440,000
OR 2	Providing and fixing porta or equivalent orisa type white or colour glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality 18/c making requisite number of holes in wall, plainth and floor and making good in cement concrete 1:2:4 W.C pan orisa type 23" qith plastic tank of low down 3 gallons C.I trap and C.I thumble (Superior Quality) With 4" dia earthen ware trap and plastic thumble.	Each	12,000	8	96,000
OR 3	S/Fixing master or equivalent wash basen mixture of superior quality with c.p head 1/2" dia.	Each	12,500	35	437,500
OR 4	Supplying and fixing Master or equivalent Bath room accessories set(7 piece) 1/c towel rod, brush holder soap tray shelf of approved design 1/c cost of screws nuts etc complete.	Each	17,000	23	391,000
OR 5	Providing and fixing C.P brass toilet paper holder of standard size with chrome plated brass brackets complete similar to two ford design superior quality.	Each	2,000	33.00	66,000
OR 6	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
	(a) Elbow / Bend 110 mm or 4" dia	Each	4,000	9	36,000
	(b) Elbow / Bend With Door 110 mm or 4" dia	Each	5,000	9	45,000
	(c) Tee 110 mm dia	Each	1,000	31	31,000
	(d) Socket 110 mm dia	Each	1,100	15	16,500
	(e) UPVC Tee With Door 110 mm dia	Each	6,000	38	228,000
OR 7	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
	(a) Elbow / Bend 75 mm or 3" dia	Each	3,000	28	84,000
	(b) Tee 75 mm dia	Each	3,200	30	96,000
	(c) Socket 75 mm dia	Each	900	22	19,800
	(d) UPVC Tee With Door 75 mm dia	Each	4,000	30	12,000
OR 8	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required.(for cold water pipe)				
	(a) 20mm (3/4") dia PPR	R/L	70	635	44,550



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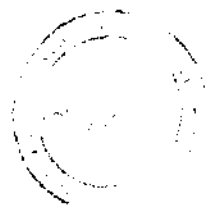


Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
	(b) 1 mm (1")	Rft	100	255	25,500
	d) 50 mm (2") dia	Rft	450	338	151,500
OR 9	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee; elbow where required.(for Hot water pipe)				
	(b) 1 mm (1")	Rft	80	498	39,840
OR 10	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 4" dia (110 mm) etc complete.	Rft	250-	408	10,200
OR 11	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 3" dia (75 mm) etc complete.	Rft	150-	450	67,500
OR 12	Supply & fix UPVC Dadex or approved by engineer incharge vent cowel 110mm (4" dia) on top of vent pipe.	Each	300-	182	54,600
OR 13	Supply & fix UPVC Dadex or approved by engineer incharge vent cowel 110mm (3" dia) on top of vent pipe.	Each	310-	317	98,270
OR 14	Providing & fixing UPVC floor trap(DADEX or approved by engineer incharge) with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a UPVC Grating with or without a vent arm i/c cost of making requisite number of holes in walls plinth and floor for pipe connectons and making good cement concrete 1:2:4.	Each	500-	77	38,500
OR 15	Providing UPVC pipe with collars class "B" and digging the trenches to required depth and fixing imposition i/c cutting, fitting & jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated staff.				
	a.8" dia UPVC Pipe Class B	Rft	700-	658	460,600
OR-16	Providing and fixing electric geyser 30 gallon including making connection (imported)	No.	30,000-	2	60,000
Total					3,23,760



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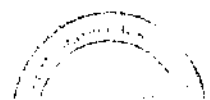
ITEM #	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
CH/C2/ ITEM 124/P-15)	Wiring for light or fan point with (3/0.29) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as required	Point	1130	315	3549.00
CH/C2/ ITEM 126 Pg-15)	wiring for plug point (3/0.29) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as/ require required	Point	985	71	699.35
CH/C1/ ITEM 10 Pg-2)	P/Laying (Main or Sub Main) Pvc insulated with size 2-7/0.29 copper conductor in 20mm (3/4") PVC conduite recessed in the wall or column as required (for pp & circuit wiring).	Mtr	222	700	1554.00
CH/C1/ ITEM 12 Pg-2)	P/Laying (Main or Sub Main) Pvc insulated with size 2-7/0.44 (6mm ²) copper conductor in (3/4") dia PVC conduite recessed in the wall, column as required (For Split AC)	Mtr	341	350	1193.50
CH/C1/ ITEM 13 Pg-1)	P/Laying (Main or Sub Main) Pvc insulated with size 2-7/0.52 (10mm ²) copper conductor in (3/4") dia PVC conduite recessed in the wall, column as required (For Floor type AC)	Mtr	463	160	7408.00
CH/C1/ ITEM 102 Pg-12)	P/Laying (Main or Sub Main) Pvc insulated & pvc sheathed with 4 core copper conductor 600/1000 volts size (16mm ²) (From M. D.B. to GF D.B-1 & 2)	Mtr	1300	50	650.00
CH/C1/ ITEM 102 Pg-12)	P/Laying (Main or Sub Main) Pvc insulated & pvc sheathed with 4 core copper conductor 600/1000 volts size (16mm ²) (From M. D.B. to FF D.B-1 & 2)	Mtr	1300	90	1170.00
CH/C1/ ITEM 119 Pg-14)	P/Laying (Main or Sub Main) PVC insulated & PVC sheeted with 4 core Armoured copper conductor under ground 600/1000 volts size 120mm ² (From Supply Point to Main DB)	Mtr	9606	50	4803.00
CH/C11/ ITEM 127- Pg-33)	Providing and fixing three pin 10/15 amp plug/socket flush type	No.	162	2	324.00
CH/C11/ ITEM 128 Pg-33)	Providing and fixing bakelite / Plastic ceiling rose with two terminals	No.	72	20	144.00
CH/C11/ ITEM 235 Pg-34)	Providing and fixing brass ceiling fan 56" (good quality)	No.	3185	29	9236.50
Sub-TOTAL AMOUNT OF SCHEDULE ITEMS					15311.35

OR-2	Providing and fixing TV socket superior quality flusht type on metal board	No.	900-	12	10800
OR-3	Providing and fixing Telephone socket superior quality flusht type on metal board (Philips, Orange, btisino equalant brand)	No.	600-	8	4800
OR-4	Providing & laying telephone cable 5 pair in 1/4" dia pvc conduit recessed in wall, column & roof as required	Mtr	600-	90	54000
OR-5	Providing and fixing led light 2' x 2' 48 w false ceiling type i/c making connections. (Philips, Orange, btisino, equalant Imported)	No.	6000	45	270000
OR-6	Providing and fixing false ceiling fan 2' x 2' 15" dia i/c making connections. (Air flow)	No.	10000	34	340000
OR-7	Providing and fixing led emergency light 50w	No.	2000	8	16000
OR-8	Providing and fixing Air cutter fan unit (for main entrance)	No.	100000-	1	100,000
OR-9	Providing and fixing automatic Air freshner battery operated Complete in all respect	No.	40000	1	40,000
OR-10	Providing and fixing 1 gang switch clipsal or equalant sheet flusht type on metal board	No.	1000	12	12,000
OR-11	Providing and fixing 2 gang switch & socket clipsal or equalant sheet flusht type on metal board	No.	900-	6	5,400
OR-12	Providing and fixing 4 gang switch & socket clipsal or equalant sheet flusht type on metal board	No.	1600	8	12800
OR-13	Providing and fixing 10 gang switch & socket clipsal or equalant sheet flusht type on metal board	No.	3500	30	105,000
OR-14	Providing & fixing three pin 5 a plug & socket universal (superior quality)	No.	300	46	13,800
OR-15	Providing and fixing double shade wall light (PHILIPS)	No.	5600	16	89600
OR-16	Providing and fixing chandelier (PHILIPS)	No.	90000	3	270000
OR-17	Providing and fixing well fininished aluminium casted based glass cover water tide bulk head fitting complete with brass holder and 25 w Saver lamp including connection good quality	No.	10000	14	140000
OR-18	Providing and fixing led light cob 12w (WATSON)	No.	1500	182	273000
OR-19	Providing and fixing 4 1/2" x 4 1/2" ms di casted powder coated recessed type fan clamp box with 3/8" dia ms bar fan clamp fixed on roof at casting time as required	No.	400-	29	11600
OR-20	Providing and fixing AC plug 20/25 amp plug/socket flush type on metal board & covered with plastic sheet	No.	1500	27	40500
OR-21	Providing and fixing AC plug 30/40 amp plug/socket flush type on metal board & covered with plastic sheet (For 4 ton AC unit floor type)	No.	2500	8	20000
OR-22	Providing and fixing 6 A fan dimmer fixed on plastic sheet on 14 swg metal board recessed in the wall or column including connection	No.	400-	29	11600
OR-23	Providing and fixing Electric fan heater GFH 9518 (Star Tech)	No.	10000	10	100,000
OR-24	Providing and fixing electric geyser 30 galon including making connection (Imported)	No.	30000	2	60000
OR-25	Providing and instaling computer core-i3 branded new complete with 18.5" lcd monitor (HP, Dell)	No.	100,000	1	100,000
OR-26	Providing and instaling printer black & white branded new (HP, Dell)	No.	20000	1	20000
OR-27	Providing and instaling PABX 3/8 lines (Panasonic)	No.	70000	1	70000
OR-28	Providing and instaling cansole set (Panasonic)	No.	15000	1	15000
OR-29	Providing and instaling Telephone set (Panasonic)	No.	4000	8	32000
OR-30	Providing and instaling UPS (Star tech) along with 1 nos batteries including necessary wiring as required for PABX	No.	90000	1	90000
OR-31	Providing and fixing fire extingusher powder type 6 kg	No.	3000	4	12000
OR-32	Providing and fixing fire extingusher Co2 5 kg	No.	3500	4	14000
OR-33	Providing and fixing 30 cm (12") sweep metallic body exhaust fan complete with blades, motor, shutter etc including making hole in the wall & connection with 14,0076 flexible wire complete as required Pak /Super Asia / Cllmax / Younas / Royal.	No.	4000	19	76000
OR-34	Providing and fixing led spot light 5 w (Alba, Watson)	No.	900-	100	90000
OR-35	Wiring for earthing point with (1 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	20-	1500	30,000
OR-36	Wiring for earthing point with (1.5 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	25-	1500	37,500
OR-37	Wiring for earthing point with (2.5 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	45-	1500	67,500



57



in 2x6 SVVC copper wire in 1/2" dia GI conduit complete in as respect as required.

GF DB-1

Providing & Fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder coated paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

OR-39

Incoming:-

75 amp Tp mccb (Terasaki or equalant) 01 no
Inducting lamp 03 nos

Out going:-

10 A SP mcb (Terasaki or equalant) 18 nos
16 A SP mcb (pp & pump) 02 nos
20 A SP mcb (Split AC) 07 nos
40 A DP mcb (4 Ton Floor Type AC) 02 nos
10 A SP mcb (Spare) 03 nos
20 A SP mcb (Spare) 01 no

No.

100,000

1

100,000

GF DB-2

Providing & Fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder coated paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

OR-40

Incoming:-

75 amp Tp mccb (Terasaki or equalant) 01 no
Inducting lamp 03 nos

Out going:-

10 A SP mcb (Terasaki or equalant) 18 nos
20 A SP mcb (Split AC) 07 nos
40 A DP mcb (4 Ton Floor Type AC) 01 nos
10 A SP mcb (Spare) 03 nos
20 A SP mcb (Spare) 01 no

No.

105,000

1

105,000



wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

Incoming:-

75 ampTp mccb (Terasaki or equalant) 01 no
Indiating lamp 03 nos

Out going:-

10 A SP mcb (Terasaki or equalant) 13 nos
20 A SP mcb (Split AC) 06 nos
40 A DP mcb (4 Ton Floor Type AC) 02 nos
10 A SP mcb (Spare) 03 nos
20 A SP mcb (Spare) 01 no

FF DB-2

Providing & Fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder quoted paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

Incoming:-

75 ampTp mccb (Terasaki or equalant) 01 no
Indiating lamp 03 nos

Out going:-

10 A SP mcb (Terasaki or equalant) 13 nos
20 A SP mcb (Split AC) 07 nos
40 A DP mcb (4 Ton Floor Type AC) 01 nos
10 A SP mcb (Spare) 03 nos
20 A SP mcb (Spare) 01 no

GF+FF MAIN DB (155 KW)

Providing & Fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder quoted paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

Incoming:-

300 ampTp mccb (Terasaki or equalant) 01 no
Volt meter with selector 01 no
Ampere meter with selector 01 no
Indicating lamp 03 nos

TOTAL AMOUNT OF NON SCHEDULE ITEMS

No.	90000	1	(100,000)
No.	100,000	1	(100,000)
No.	15000	1	(15000)

312-8

R= 3254.7



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EXTERNAL ELECTRIFICATION WORKS



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ITEM #	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
OR 1	Providing and fixing led street light 100 w on existing gi pipe bracket including wiring with 1.5 mm ² pvc wire + 1mm ² as ecc in 20 mm (3/4") dia pvc conduit l/c making	No.	8000 -	17	136,000 -
OR 2	Providing and fixing donkey pump 1 hp having suction and delivery 1" x 1" complete with motor, mounted on fixed frame as approved including wiring with 2.5 mm ² pvc	No.	20,000 -	1	200,000 -
OR 3	Providing and installing Transformer 200 KVA, 11kv/415 volts, 3phase 50 hz complete with making connection.(Johanson & Philips)	No.	1,000,000 -	1	1,000,000 -
OR 4	Providing and Installing CCTV system with 3 nos night vision camera, 16 chanel DVR Camera accessories with complete cabling and 500 GB Hard Disk complete instalation & programming	No.	1,00,000 -	1	1,00,000 -
OR 5	Providing and fixing b/wall globe light with fancy glass globe, 25 w saver lamp including making connection (good quality)	No.	2500 -	25	62,500 -
OR 6	Providing and fixing on wall Flood light 150 w (HPIT) having ip 65 classification with 150 w lamp, choke, capacitor, igniter & internal wiring complete in all respect as required or instruction of E.I	No.	5000 -	2	10,000 -
OR 7	Providing and fixing bolard light (garden light) suitable pipe with base complete with glass shade and 25 w saver lamp	No.	3000 -	8	24,000 -
OR 8	Providing and fixing gi pipe 1.5" dia 5 feet long with suitable clamps nut bolts bend on required angle including painting as required for street light.	No.	2000 -	17	34,000 -
TOTAL AMOUNT OF NON SCHEDULE ITEM					

Rs = 1386,500 -



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EXTERNAL DEVELOPMEN



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**SCHEDULE ITEMS
PART A BOUNDARY WALL**

ITEM #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
1	SCH/C1/ (S.I. No. 18 (b)/P-5) Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft. (for foundation)				
	(a) In Ordinary Soil	%Cft	3176.25	16916	53,730
2	SCH/C18/IT EM4/P-18) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering)(a) Ratio 1:4:8	%Cft	11288.75	2115	238,794
3	SCH/C4/ ITEM no.6- a(i)/ P-16 Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds lifting shuttering curing rendering and finishing the exposed surface . a) R.C work in roof slab, beams columns rafts,lintels and other structural members laid in situ or precast laid in position complete in all respects. (I) Ratio (1:2:4) or more 90 Lbs cement 2 Cft sand 4 Cft. Shingle 1/8" to 1/4" guage.	P.Cft	337.00	8384	281,492
4	SCH/C5/ ITEM no.5- 1(c)/ P-20' Pacca brick work other than building including striking of joints upto 20 feet height in:				
	Cement sand mortar 1:4	%Cft	12899.70	3579	460,680
5	SCH/C9/ ITEM no.13b/ P- 51 Cement plaster 1:6 upto 12' height 1/2" thick	%Sft	2206.6	9816	218,600
6	SCH/C9/ ITEM no.11A/ P- 51 Cement plaster 1:4 upto 12' height 3/8" thick	%Sft	2197.52	9816	218,709
7	SCH/C9/ ITEM no.38 A/ P-55 Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make and 3 coats	%Sft	2567.95	9816	252,170



PART B WALKWAY

SCH/C1/ ITEM NO.22 A/ P-4	Filling, watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5 feet.	%Cft	3630.00	221035	81	51
SCH/C1/ ITEM NO.11 A/ P-10	Preparing sub-bases & spreading stone metal 1-1/2"-2" guage of approved quality from approved quarry in required thickness to proper camber and grade i/c hand	%Cft	4381.76	3115	133	91
SCH/C18/ ITEM NO 5/P-15)	Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering)(a) Ratio 1:4:8.	%Cft	11288.75	4720	53	29
SCH/C5/ ITEM NO 29/P-25)	Supplying and filling sand under floor and plugging in walls.(S.I. No. 29/P-25).	%Cft	1141.25	1605	1	15
SCH/C4/ ITEM no.8/ P-17	Providing and fabrication of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars)	Cwt	5001.70	503	2,51	30
SCH/C8/ ITEM NO 50/P-50)	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 80 (mm) of city/quddra/cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi i/c Filling the joints with hill sand and laying in speciFied manner/pattern and design etc: complete	P.Sft	223.97	9440	2,11	17
SCH/C8/ ITEM NO 72/P-49)	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 60 (mm) of city/quddra/cobble shape with natural colours, strength b/w 5000 psi to 8500 psi i/c Filling the joints with hill sand and laying in speciFied manner/pattern and design etc: complete.	P.Sft	223.97	500	11	15
SCH/C12/ ITEM NO 14/P-15)	Providing and Fixing Precast Edge Block 3750 PSI industrial made size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form work for haunching, 1:4 cement sand mortar.	Rft	297.01	857	254	3
TOTAL (A+B) =					10,750	31



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PART C GARDEN

OR 1	Supplying and Stacking , approved Garden Soil (Sweet Earth) free from salt grass root, pebble fine dressed for grassing breaking colds up to any thickness and disposal of rubbish from site within three chain.	Cft	(30-)	25,557	(755)
OR 2	Supplying and Stacking , well decayed cow dung manure from approved sources on the prepared bed mixing the same breaking clods fine dressing for grassing removal / disposal of rubbish from site within three chain.	Cft	(20-)	8,433.83	(168)
OR 3	Supplying. Live Decca Grass in Slabs	Sft	(32-)	25,557.07	(819)
				TOTAL =	(1742)

1742



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2. Tender Reference No: No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018

3. Tender Description/Name of work/item: CONSTRUCTION OF KIDNEY TRANSPLANT AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.

Method of Procurement: Domestic/ Local.

5. Tender Published: SPPRA Web Site on 08-01-2018. On University website 08-01-2018
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).

6. Total Bid documents Sold:- 04 Nos.

7. Total Bids Received: 03 Nos.

8. Technical Bid Opening date: (if applicable) Not Applicable (Provide details in separate form)

9. No. of Bid technically qualified (if applicable): Not Applicable.

10. Bid(s) Rejected: Nil.


11. Financial Bid Opening Date: 24-01-2018.

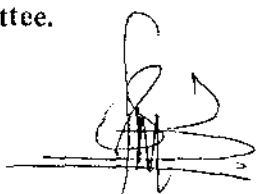
12. Bid Evaluation Report:

13. Estimated Cost:- Rs: 40,063,209.00

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Mubashir Construction Company Larkana	Rs:42,247,349.00	1 st	+5.452 % (Above)	Acceptable due to 1 st lowest.	
2.	M/s Damas Engineering Larkana	Rs: 51,241,477.00	2 nd	+27.902 % (Above)	2 nd Lowest	
3.	M/s Muhammad Ramzan & Co Sukkur	Rs: 52,076,886.00	3 rd	+29.987% (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
Assistant Engineer
Board of Intermediate & Secondary
Education Larkana


Sarfraz Ahmed Tunio
Accounts Officer
SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
Executive Engineer
SMBB Medical University, Larkana

M/s. Mubashir Construction Company
LARKANA

LETTER OF ACCEPTANCE /INTENT

SUBJECT: - **CONSTRUCTION OF KIDNEY TRANSPLANT AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.


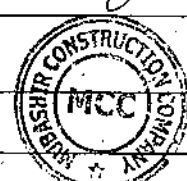
Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of Rs. 40,979,929/- (Rupees Forty Million Nine Hundred Seventy Nine Thousand Nine Hundred Twenty Nine Only) has been accepted by the University Authorities being lowest in competition.

- ❖ NO PREMIUM SHALL BE PAID ON QUOTED RATES.
- ❖ NO CARTAGE SHALL BE PAID SEPARATELY.
- ❖ NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Accepted. 


Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

"SAY NO TO CORRUPTION"

M/s. Mubashir Construction Company
LARKANA.

WORK ORDER

SUBJECT: - **CONSTRUCTION OF KIDNEY TRANSPLANT AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I Tender for the above mentioned work amounting to Rs. 40,979,929/- (*Rupees Forty Million Nine Hundred Seventy Nine Thousand Nine Hundred Twenty Nine Only*) being the 1st Lowest in competition which comes after rebate of (3 %) on overall bid cost offered by your firm.

- (i) Sindh Government Composite Schedule of Rates 2012 (Civil Works).
@ 20% Above (Twenty Percent Above)
- (ii) Non Schedule Items (Civil Work) Rs: 6,584,007/-
- (iii) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works).
@ 10% Above (Ten Percent Above)
- (iv) Non Schedule Items (Plumbing Work) Rs: 725,585/-
- (v) Sindh Government Composite Schedule of Rates 2012 (Electric Works).
@ 10% Above (Ten Percent Above)
- (vi) Non Schedule Items (Electric Works) Rs: 3,451,538/-
- (viii) Non Schedule Items (External Electrification) Rs: 3,155,000/-

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule "B"/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule "B" of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work inforce from 2012.

- of the Contract Agreement. In the event of failure you will have to pay compensation to the Government as per terms and conditions of your contract agreement.
8. No cartage changes of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid.
 9. No premium shall be paid on Non- Schedule items.
 10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.
 11. All RCC/CC cost in situ shall be mechanically vibrated.
 12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
 13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities & to start the work at site and complete the work within (18) Eighteen Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

CONTRACT EVALUATION FORM

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF
WORKS, SERVICES & GOODS**

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University, Larkana
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Autonomous (Others)
- 3) TITLE OF CONTRACT Construction of Kidney Transplant
- 4) TENDER NUMBER at SMBB Medical University, Larkana
- 5) BRIEF DESCRIPTION OF CONTRACT C2) NO. SMBBMU/XEN/789/dated 24/4/2018
- 6) FORUM THAT APPROVED THE SCHEME Vice-Chancellor SMBBMU, Larkana
- 7) TENDER ESTIMATED VALUE Rs. 40,63,209/-
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) C18) Eighteen Months
- 10) TENDER OPENED ON (DATE & TIME) 24/11/2018 at 2:00 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD C04) Three four
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED C03) three
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS C03) three
- 14) BID EVALUATION REPORT
(Enclose a copy) Copy Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Mubashir Construction Company Larkana
- 16) CONTRACT AWARD PRICE 40,77,929/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
M/s. Mubashir Construction Company Larkana
M/s. Darus Engineering Larkana
M/s. Muhammad Ramzan FC Sindh.
- 18) METHOD OF PROCUREMENT USED :- (Tick one)
- | | | | |
|----|--|------------|---|
| a) | SINGLE STAGE – ONE ENVELOPE PROCEDURE | <u>Yes</u> | <input checked="" type="checkbox"/> Domestic/ Local |
| b) | SINGLE STAGE – TWO ENVELOPE PROCEDURE | _____ | <input type="checkbox"/> X |
| c) | TWO STAGE BIDDING PROCEDURE | _____ | <input type="checkbox"/> X |
| d) | TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE | _____ | <input type="checkbox"/> X |

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Vice Chancellor

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 Date 8/1/2018
No	

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

Yes	Times 6/1/2018 Dawn 6/1/2018
No	Kawish 6/1/2018

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
--------------------	-------------------------------------	------	--------------------------

23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	
No	No

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

Yes	
No	No

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

Yes	
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	No

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------


37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	No

Signature & Official Stamp of
Authorized Officer


Executive Engineer
Sindh Medical University
Karachi

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi

Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY
LARKANA**

**BILL OF QUANTITIES FOR
CONSTRUCTION OF
KIDNEY TRANSPLANT**

CONSULTANTS



ESS.AAR


Planning, Engineering & Services Consultants

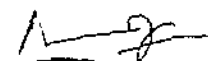

Civil Work

BILL OF QUANTITIES OF
KIDNEY TRANSPLANT
AT

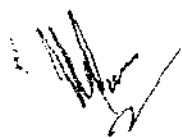
HAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA

	ITEMS OF WORKS	COST (Rs.)
	KIDNEY TRANSPLANT	=42,247,349/-
	TOTAL AMOUNT	


Executive Engineer
SMBB Medical University
LARKANA.
Seal and Sign of Client



Seal and Sign of Contractor







AT

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

Description	Cost
A Cost Summary of (Ground Floor + Frist Floor)	
Civil Works	
Schedule Items	22,197,276
<u>20</u> % Premium on Schedule Items	4,439,455
Non Schedule Items	Rs = 6584007 f 758407 6584007
Plumbing	Rs = 3322078
Schedule Items	663,582
<u>10</u> % Premium on Schedule Items	66,358
Non Schedule Items	725,585
Electrical	
Schedule Items	876,861
<u>10</u> % Premium on Schedule Items	87,686
Non Schedule Items	345,538
TOTAL OF A	Rs = 3,90,92,349
Cost Summary of External Electrification	
Main Building	31,55,000
TOTAL OF B	31,55,000
TOTAL OF A+B	Rs = 42,24,7349 Rs = 42,24,7348

Dr. 







CIVIL WORKS
SCHEDULE ITEMS (PART I)

Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
	FOUNDATION				
	EXCAVATION:				
13a/	Excavation in foundation of Building Bridges and other structures including dagbelling dressing,refilling around structure with excavated earth Watering and ramming lead upto 5 ft.	%OCFT	3176.25	15251.69	48,443
13b/	(b) In ordinary soil.				
14/	SURPLUS EARTH:(Left after Backfilling)				
15/	Filling, watering and ramming earth in floor with surplus earth from foundation lead upto the one chain and lift upto 5 ft.	%OCFT	1512.50	5083.90	7,689
16/	EARTH FILL FROM OUTSIDE:				
17/	(FOR FLOORING)				
18/	Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5feet.	%OCFT	3630.00	14146.10	51,350
19/	LEAD FOR EXCAVATED EARTH FROM OUTSIDE:				
20/	Extra for every 50 ft. additional lead or part thereof.				
21/	(a) For earth work (soft, ordinary, hard and very hard.)	%OCFT	100.78	14146.10	1,426
22/	ANTI TERMITE:				
23/	Providing Anti-termite treatment by spraying /sprinkling /spreading Neptachler 0.5% Emulsion as an overal pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc, as per directions of Engineer incharge	SFT	9.74	6410.00	62,433
24/	LEAN CONCRETE (1:4:8):				
25/	concrete plain including placing, compacting, finishing and curing, complete(including screening and washing at stone aggregate without shuttering)	%CFT	11288.75	2120.14	239,337
26/	(i)Ratio 1:4:8				



REINFORCED CEMENT CONCRETE:)

Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle)

(i) R.C. work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects.

(i) Ratio

(1:2:4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" gauge.

(i) Ratio (1:2:4)

CFT

337.00

4383.66

1,477.293

REINFORCED CEMENT CONCRETE:

Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface (including screening and washing of shingle)

(ii) R.C. work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects.

(ii) Ratio 1

(1:1/2:3)

4 Short Column

CFT

349.00

635.61

221,828

R.C. PLAIN:**BELOW EXTERNAL PLINTH BEAM)**

Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering)

(i) Ratio 1:3:6

%CFT

12595.00

660.92

83,242

FORMWORK:

Erection and removal of centering for RCC or plain cement works of partial wood (ii) vertical

For CC plain below external plinth beam.

%SFT

3127.41

1187.40

37,135

R.C (1:3:6):

3" THICK FOR FLOORING)

Cement

concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering).

(i) Ratio 1:3:6

%CFT

12595.00

2502.50

315,190

POLYTHENE SHEET:

Providing and laying single

layer of polythene sheet 0.13 mm

thick for water proofing as per

specification and instructions of

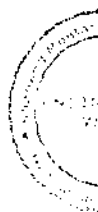
Engineer in charge.

SFT

10.70

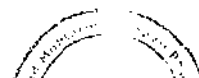
6410.00

68,587



11/ 10.9/ 71	BITUMEN COATING: (FOR VERTICAL ON SIDES OF PLINTH BEAM) Bitumen coating to plastered or cement concrete surface.	RSFT	778.09	3431.52	26,700
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[Handwritten signature]



GROUND FLOOR

14/	15-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 : 1 1/2 : 3.				
		a) Columns	CFT	349.00	1277.30	445,777
14/	15-16	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" gauge.	CFT	337.00	5284.32	1,780,815
13/	15-16	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%CFT	13227.41	7591.72	1,004,187
13/	11/12	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height.				
		a) 3/8" thick	%SFT	2197.52	17271.06	379,535
		b) 1/2" thick	%SFT	2283.93	17271.06	394,459
13/	11/12	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height.				
		a) 3/8" thick	%SFT	2197.52	8850.16	194,484
		b) 1/2" thick	%SFT	2283.93	8850.16	202,131
12/	14/15	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	7965.14	503,357

MATT FINISH:

Preparing the surface and painting with matt finish. Including the surface with base coat and subsequent coats. Finishing the surface with matt finish. A coat of base coat is applied. Applying first coat premium, making the surface smooth and then painting 3 coats with matt finish of approved make etc complete (new surface).

10/19/1965					
10/19/1965	(b) Second coat.	%SFT	727.38	17271.06	125,626
10/19/1965	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling).	%SFT	442.75	5555.09	24,595
10/19/1965	2 COATS DISTEMPER: Distemping b) Two Coats	%SFT	1043.90	5555.09	57,990
10/19/1965	DEODAR PANEL DOORS: (FOR DOCTOR & NURSING) First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fast hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1-3/4" thick. Deduct rate of Item # 25/P-61 from rate of this item Rate = 1273.76 - 370.83 = 902.93				
10/19/1965	a) Doors	P.Sft	902.93	115.50	104,288
10/19/1965	FRENCH POLISHING: French Polishing complete	%SFT	3841.75	231.00	8,874
10/19/1965	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
10/19/1965	Primer coat	%SFT	521.95	438.00	2,286
10/19/1965	Each subsequent coat of paint.	%SFT	374.44	438.00	1,640
10/19/1965	CONCRETE(1:2:4) FOR BASE OF TOILET FLOORING: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: b) 1 1/2" thick	%SFT	2548.29	324.65	8,273
10/19/1965	MORTICE LOCK: Providing and fixing approved quality mortice lock.	Each	1786.13	10.00	17,861

BORING				
Boring and fixing 1 1/2" dia. Pressure pipe. (S.I No. 28/P-102)				
In ordinary soil	P.Lft	53.44	30.00	1,603
In shingle	P.Lft	144.19	50.00	7,210
Cutting pipes Above 2" dia	P.Cut	66.55	40.00	2,662
Threading 1-1/2" dia Pressure Pipe	Per End	46.64	6.00	280
Assembling 1/12" dia pressure Pipe	%Lft	166.38	80.00	133
Providing laying uPVC Pressure pipe pipes of class D (equivalent make) fixing in trench i/c cutting fitting and jointing with Z joint with one rubber ring i/c testing with water to a head 122 meter or 400 ft.	Rft	226.00	80.00	18,080
ALUMINIUM DOOR Supplying & fixing in position aluminum channels framing for hinged door or alcop made with 5mm thick tinted glass glazing (Belgium) and alpha (Japan) locks i/c handles, stoppers etc. (b) Deluxe model (bronze)	SFT	1507.66	403.10	615,276
ALUMINIUM WINDOWS & VENTILATORS:				
Supplying & fixing in position aluminum channels framing for sliding windows & ventilators of alcop made with 5mm thick tinted glass glazing (Belgium) & aluminum fly screen i/c handles stoppers & locking arrangement etc. complete (b) deluxe model (bronze)				
b) Windows & Ventilators	P.Sft	1647.69	475.20	782,982
GLAZED TILES FOR FLOORING:				
Laying floor of approved coloured with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete	%SFT	27747.06	324.65	90,081
GLAZED TILES (DADO):				
Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	%SFT	28299.30	1007.40	285,087
TOR STEEL:				
Fabrication of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wires.	P.Cwt	5001.70	556.00	2,780,945
NEW STEEL GRILL:				
Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 aprt equivalent fitted with screws and pins i/c painting 3 coats with 1st coat of red oxide paint etc.	SFT	194.16	438.00	85,042

G.I. FRAMES FOR DOOR

Providing & fixing G.I frames/choukhats of size 7"x2" or 4 1/2"x3" for door using 20 guage G.I sheet i.e welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i.e all carriage, tools and plants used in making and fixing.

P.Rft

228.90

77.50

17,740

PART-I GROUND FLOOR (SCHEDULE ITEMS) TOTAL IS = 12,928,431

FIRST FLOOR

REINFORCED CEMENT CONCRETE:				
Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 : 1 1/2 : 3.				
a) Columns	CFT	349.00	938.03	327,371
REINFORCED CEMENT CONCRETE:				
Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.				
	CFT	337.00	5501.72	1,854,079
BRICK MASONRY				
Pacca brick work in ground floor in cement sand mortar (1:4)	%CFT	13227.41	6147.69	813,180
add extra labour in item no 5 for brick work in first floor	%CFT	438.63	6147.69	26,966
CEMENT PLASTER (INTERNAL):				
Cement plaster 1:4 upto 12' height. Add extra labour rate 32%				
a) 3/8" thick	%SFT	2483.20	14183.44	352,203
b) 1/2" thick	%SFT	2580.84	14183.44	366,052
CEMENT PLASTER (EXTERNAL): Cement				
plaster 1:4 upto 12' height.				
a) 3/8" thick	%SFT	2483.20	7473.22	185,575
b) 1/2" thick	%SFT	2580.84	7473.22	192,872
COLOUR CRETE :				
Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).				
	%SFT	6319.50	6725.90	425,043

MATT FINISH:

Preparing the surface and painting with matt finish. Rubbing the surface with Bathy (silicon carbide rubbing brick) furring the joints with zink/chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (new surface)

%SFT

1989.62

12894.03

256,542

b) Second coat.

%SFT

727.38

12894.03

93,789

PRIMARY COAT CHALK DISTEMPER (CEILING):

Primary coat of Chalk under distemper (for ceiling).

%SFT

442.75

5900.24

26,123

2 COATS DISTEMPER:

Distempering

b) Two Coats

%SFT

1043.90

5900.24

61,593

DEODAR PANEL DOORS:**(FOR DOCTOR & NURSING)**

First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fast hinges, iron lower bolts, chocks cleats, handles and cords with hooks, etc.

b) 1-3/4" thick.

Deduct rate of Item # 25/P-61 from rate of this item

Rate = 1273.76 - 370.83 = 902.93

a) Doors

P.Sft

902.93

69.30

62,573

FRENCH POLISHING:**(ON DOORS, WINDOWS & VENTILATOR)**

French Polishing complete

a) new work

%SFT

3841.75

138.60

5,325

MORTICE LOCK:

Providing and fixing approved quality mortice lock

Each

1786.13

7.00

12,503

PAINTING GUARD BARS, IRON BARS:

a) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.

Primer coat

%SFT

521.95

321.66

1,679

Each subsequent coat of paint.

%SFT

374.44

321.66

1,204

CONCRETE(1:2:4) FOR BASE OF TOILET**FLOORING:**

Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels:

a) 1 1/2" thick

%SFT

2548.29

133.75

3,408

(RS.)				
CREEDING FOR ROOF: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: 3" thick	%SFT	4411.82	6870.00	303,092
BITUMEN COATING: (FOR ROOF) Providing & fixing Bitumen felt paper of 60lbs over roof i.e. cleaning of roof with wire brush and removing dust, applying Bitumen coat at the rate of 34 Lbs per %sft as premix inter coats and then laying felt paper with 10% overlaps, then applying and spreading hill sand at the rate of 1 cft for 100sft the cost also i/e necessary fire material, kerosene oil, wood, etc.	P.SFT	54.70	6870.00	375,789
WATER SPOUT: Fixing water Spout or Purnalah.	Each	211.75	5.00	1,059
ALUMINIUM DOOR Supplying & fixing in position aluminum channels framing for hinged door or alcop made with 5mm thick tinted glass glazing (Belgium) and alpha (Japan) locks handles, stoppers etc. (b) Deluxe model (bronze)	SFT	1507.66	442.75	667,516
ALUMINIUM WINDOWS & VENTILATORS: Supplying & fixing in position aluminum channels framing for fixing windows & ventilators of alcop made with 5mm thick tinted glass glazing (Belgium) & aluminum fly screen i/c handles stoppers & locking arrangement etc. complete (b) deluxe model (bronze)				
Windows & Ventilators	P.Sft	1647.69	382.80	630,736
GLAZED TILES FOR FLOORING: Laying floor of approved coloured with glazed tile 1/4" thick in cement 1:2 over 3/4" thick cement mortar 1:2 complete	%SFT	27747.06	133.75	37,112
GLAZED TILES (DADO): Laying glazed tile dado 1/4" thick laid in cement over 1:2 cement sand mortar 3/4" thick including finishing.	%SFT	28299.30	430.00	121,687
IRON STEEL: Fixation of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fixings including cost of binding wires.	P.Cwt	5001.70	398.00	1,990,677
FRAMES FOR DOOR Supplying & fixing G.I frames/choukhats of size 7"x2" or 4"x3" for door using 20 guage G.I sheet i.e welded hinges and fixings at site with necessary hold fasts, filling with cement sand of ratio 1:6 and repairing the jambs. The cost also i.e all labour, tools and plants used in making and fixing.	P.Rft	228.00	46.50	10,644

		(Rs.)		
NEW STEEL GRILL: Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 appt equivalent fitted with screws and pins i/c painting 3 coats with 1st coat of red oxide paint etc	SFT	194.16	321.66	62,454
PART-I FRIST FLOOR (SCHEDULE ITEMS) TOTAL IS =				9,268,845
Schedule Items Total (G.F + F.F)				22,197,276



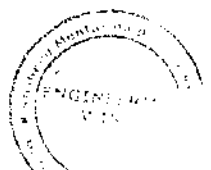
NON SCHEDULE (PART II)

FOUNDATION

FOUNDATION				
STONE SOLING: Providing and laying soling stones 6 inches to 9 inches (152 mm to 229 mm) size under floors including packing with spawls and chips and consolidating etc. complete.	CFT	120	4571.67	594317.1
SR CEMENT: Providing and using sulphate resisting cement in place of ordinary portland cement in item of RCC..				
Lean 1:4:8	Bags	35	323.60	11326.2
Foundation Paid 1:2:4	Bags	35	492.65	17242.75
Plinth Beam Ratio 1:2:4	Bags	35	771.52	27003.2
Short Column Ratio 1:1.5:3	Bags	40	142.38	5695.2
Situ Ratio 1:3:6	Bags	35	572.39	20033.65
1:9 C/S Blending: Providing and laying in CC Blending 1:9 (1 cement 9 all in aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge for filling voids in foundation, basement and plinth including compacting, curing etc. complete, foundation and basement up to 5 feet (1.52 m) depth and plinth up to 4 feet (1.2 m) height from ground level.	CFT	160	352.73	56436.8
				1086359.5

732655

~ 8



	Unit	(Rs.)	Qty	Amount
GROUND FLOOR				
PORCELAIN TILES :				
Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 25" x 16"	P.Sft	290	6419.88	1861765.2
PORCELAIN TILES SKIRTING:				
Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	290	348.67	101114.3
VERONA MARBLE:				
Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size on stairs as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:2 setting mortar base including fillings the joints and washing the tiles with white cement, slurry current, finishing cleaning and polishing etc complete. (a) (12" x 12") for new work	SFT	296	159.75	47286
VERONA MARBLE SKIRTING				
Providing and fixing Verona tile upto 1/2" thick 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	SFT	296	39.70	11751.2
RAILING				
Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement mortar 1:2 etc. complete in any floor	RFT	700	25.00	17500
GYPSUM FALSE CEILING				
Gypsum board tiles (including all accessories i.e plum, T, angles & clips)	SFT	107	6110.60	653834.2
PART - II GROUND FLOOR NON - SCHEDULE ITEM) TOTAL IS =				2693250.7

1-2



FIRST FLOOR

02	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	290	5434.97	1576141.3
703	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	290	377.97	109611.3

	VERONA MARBLE: Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting mortar base including fillings the joints and washing the tiles with white cement, slurry current, finishing and cleaning etc. complete.	SFT	296	1480.05	438094.8
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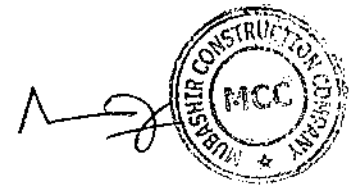
	VERONA MARBLE SKIRTING: Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	SFT	296	1280.50	379028.8
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	RAILING Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading.	RFT	700	35.00	24500
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	GYPSUM FALSE CEILING Gypsum board tiles (including all accessories i.e plum, T, angles & clips)	SFT	107	5900.24	1016525.7 631325
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PART - II FIRST FLOOR NON - SCHEDULE ITEM) TOTAL IS =					384390.0
Non-Schedule Items Total (G/F + F/F)					1086359.5
					2693250.0

Rs. 658400.11
 Total 732354.8



PLUMBING WORK



BILL OF QUANTITIES OF

CONSTRUCTION OF KIDNEY TRANSPLANT AT

HEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

PLUMBING WORKS

SCHEDULE OF ITEM

Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
24/C1/ TEM 2/P-6)	Providing & fixing 1/2" dia, lead connection complete with a 1/2" dia brass stop cock, two brass nuts & lining jointed to lead pipe with plumber wiped solder joints 1/2" inches lead pipe to be of not less than 4lbs per lineal yard (S.I. No. 22/P-6).	Each	689.70	35.00	24,140
24/C3/ 2/P-9)	Providing & fixing M.S clamps of the approved design to 4" i/c the cost of cutting and making good to wall or M.S. bolts and nuts, 4" into wall including pipe distance pieces extra painting to match the colour of the building (S.I. No. 2/P-9).	Each	72.16	35.00	2,526
24/C3/ TEM 2/P-10)	Providing & fixing M.S clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S. bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building (S.I. No. 14/P-10).	Each	264.00	42.00	11,088
24/C3/ TEM 2/P-13)	(b) S/Fixing concealed Tee stop cock of superior quality with c.p head 1/2" dia (S.I.No. 12(B)/P-18).	Each	889.46	36.00	32,021
24/C3/ TEM 2/P-13)	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia (S.I. No. 13(a)/P-19).	Each	1109.46	6.00	6,657
24/C3/ TEM 2/P-24)	Supplying & fixing 8" x 4" earthen gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2 thick cement plaster (1:3) to the kerb C.I grating 6" x 6" and C.I. cover and frame 12"x12" (inside) etc Complete (b) earthen ware glazed gully trap (a) (i) 6"x6"x4" (i) With C.I Cover and Frame (S.I. No. 1(i)/P-24.	Each	1220.67	17.00	20,751
24/C2/ 1/P-46)	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6"(1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole Cover with Frame of Clear opening 1'-1/2' x 1'-1/2' (457x457 mm) of 1.75 cwt (80.9) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6" (150 mm) Wide Projecting 4" (102mm) from the face of wall at 12" (305 mm) C/C duly Painted Etc. Complete as per standard Specification and Drawing. (a) 4" to 12" dia 2'x2'x3'-6" (S.I.No. 1/P-46).	Each	14748.00	9.00	132,732
24/C2/ 1/P-7)	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P brass Screws. (i) Towel rail 36" long (a) 3/4" dia round or square (standard pattern) (S.I. No. 1(i)(a)/P-7).	Each	1269.95	21.00	26,668.95
24/C2/ 1/P-7)	Providing and fixing C.P brass toilet paper holder of standard size with chrome plated brass brackets complete (similar to two ford design No.1108)(b) superior quality. (S.I. No. 2(b)/P-7).	Each	1071.40	14.00	14,999.60



12	superior quality and design with fine finishing with c.p screws etc complete (S.I. No.6/P-8).	Each	169.40	25.00	4,235.00
13	Providing & fixing C.P muslim shower with double bib cock & ring pipe (S.I. No.19(a)/P-19).	Each	3432.00	13.00	44,516
14	Supplying & fixing handle valves (china) (S.I. No.5/P-17)				
15	i) 3/4" dia	Each	271.92	36.00	9,789.12
16	ii) 1" dia	Each	365.42	7.00	2,557.94
17	iii) 1-1/2" dia	Each	640.42	5.00	3,202.10
18	Providing and fixing steel stainless local make complete with cast iron or wrought iron brackets 6 inches built in wall, 1-1/2" rubber plug chrome brass chain 1-1/2" c.p brass waste with 1-1/2" plate P.V.C waste pipe and making good in cement concrete 1:2:4 a) Steel sink stainless sized 40" x 20" local making (Standard Pattern) (S.I. No.19(a)/P-6)	Each	5052.30	13.00	65,679.90
19	Supplying & fixing telephonic shower with ring pipe etc complete (S.No 20 / P-19)	Each	1122.00	5.00	5,610.00
20	Supplying & fixing sink mixture cock of each superior quality with c.p head etc complete (S.I. No.17 /P-19)	Each	2745.60	13.00	35,692.80
21	Supplying & fixing wash basen mixture of superior quality with c.p head 1/2" dia (S.I. No.14 b /P-19)	Each	3179.00	14.00	44,506.00
22	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint , a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (S.No 8 / P-3)	Each	4253.70	14.00	59,552
23	Providing & fixing European type white glazed earthen ware wash down w.c pan complete with including the cost of white / black plastic seat (Best Qty) and lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistem with internal fitting with fitting clamp 3/4" dia. and cutting and making requisite number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (S.No 4 / P-2)	Each	5339.40	14.00	74,752
24	Add extra for labour for providing and fixing of earthen ware pedestal white or coloured glazed (S.No 9 / P-3)	Each	938.47	14.00	13,139
25	Providing and fixing 15" x 12" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden plate (b) Superior Quality (S.No 4(b) / P - 7)	Each	2047.76	14.00	28,669
Total					663,582

NON SCHEDULE OF ITEM						
No	Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
	OR 01	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
		(a) Elbow / Bend 110 mm or 4" dia	Each	3885.0	4.00	15540
		(b) Elbow / Bend With Door 110 mm or 4" dia	Each	4500	4.00	18000
		(c) Tee 110 mm dia	Each	2076	6.00	12456
		(d) Socket 110 mm dia	Each	799	7.00	5593
		(e) UPVC Tee With Door 110 mm dia	Each	5517	14.00	77238
	OR 02	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
		(a) Elbow / Bend 75 mm or 3" dia	Each	3118	13.00	40534
		(b) Tee 75 mm dia	Each	3201	13.00	41613
		(c) Socket 75 mm dia	Each	530	8.00	4240
		(d) UPVC Tee With Door 75 mm dia	Each	4428	14.00	61992
	OR 03	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required. (for cold water pipe)				
		(a) 20mm (3/4") dia PPR	Rft	56.40	414.00	23350
		(b) 1 mm (1")	Rft	72.81	22.00	1602
		(d) 38mm (1-1/2") dia	Rft	264	97.00	25608
	OR 04	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required. (for Hot water pipe)				
		(a) 20mm (3/4") dia PPR	Rft	60	415.00	24900
		(b) 1 mm (1")	Rft	72.81	107.00	7791
	OR 05	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 4" dia (110 mm) etc complete.	Rft	247.19	82.00	20270
	OR 06	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 3" dia (75 mm) etc complete.	Rft	165.36	183.00	30261
	OR 07	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (4" dia) on top of vent pipe.	Each	311	47.00	14617
	OR 08	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (3" dia) on top of vent pipe.	Each	280	108.00	30240
	OR 09	Providing & fixing UPVC floor trap (DADEX or approved by engineer incharge) with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a UPVC Grating with or without a vent arm i/c cost of making requisite number of holes in walls plinth and floor for pipe connectons and making good cement concrete 1:2:4.	Each	450	40.00	18000
	OR 10	Providing UPVC pipe with collars class "B" and digging the trenches to required depth and fixing imposition i/c cutting, fitting & jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff.				
		a. 9" dia RCC Pipe Class B	Rft	700	267.00	186900

12



Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
OR 11	Hands free taps and mixers foot tap can be connected with two 15 mm flexible hoses. The AF-BFV stainless steel boxed including thermostatic valve to pre-mix the hot and cold water. Good Quality	Each	4124.25	2.00	8249
OR 12	Electric geyser 45 litres capacity complete with thermostate safety valves supply and fixing.	Each	10216.62	2.00	20433
Total of Non Schedule Items					72585

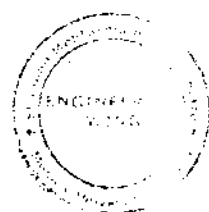
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ELECTRICAL WORK

SCHEDULE ITEM ELECTRICAL WORKS

#	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
2/	Wiring for light or fan point with (3/029) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as required.	Point	1130	232	262160
3/	wiring for plug point (3/029) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as/ requirerequired	Point	985	78	76830
4/	P/Laying (Main or Sub Main) Pvc insulated with size 2-7/029 copper conductor in 20mm (3/4") PVC conduite recessed in the wall or column as required (for pp & circuit wiring).	Mtr	222	20	4440
5/	P/Laying (Main or Sub Main) Pvc insulated with size 2-7/0.44 (6mm ²) copper conductor in (3/4") dia PVC conduite recessed in the wall, column as required (For Split AC)	Mtr	341	300	102300
6/	P/Laying (Main or Sub Main) Pvc insulated & pvc shethed with 4 core copper conductor 600/1000 volts size 35mm ² (From M. D.B. to GF D.B).	Mtr	2529	10	25290
7/	P/Laying (Main or Sub Main) Pvc insulated & pvc shethed with size 4 core copper conductor 600/1000 volts size 25mm ² (From Main DB to FF DB)	Mtr	1909	15	28635
8/	P/Laying (Main or Sub Main) PVC insulated & PVC sheeted with 4 core Armoured copper conductor 600/1000 volts size 95mm ² (From Suply Point to Main DB)	Mtr	7520	50	376000
9/	Providing and fixing three pin power plug 10/15 amp plug/socket flush type on metal board & covered with plastic sheet	No.	162	3	486
10/	Providing and fixing bakelite /Plastic ceiling rose with two terminals	No.	72	10	720
TOTAL AMOUNT OF SCHEDULE ITEM					876861



22	glass cover including 25 w Saver lamp	No.	50000	2	(100000)
23	Providing and fixing operation theatre light (imported)	No.	295	142	(41890)
24	Providing & Fixing energy saver superior quality 25w & fixing on existing holder etc complete	No.	2100	6	(12600)
25	Providing and fixing 4 1/2" x 4 1/2" ms di casted powder coated recessed type fan clamp box with 3/8" dia ms bar fan clamp fixed on roof at casting time as required	No.	350	65	(22750)
26	Providing and fixing 6 A fan dimmer fixed on plastic top cover sheet on 14 swg metal board recessed in the wall or column including connection	No.	340	65	(22100)
27	Providing and fixing 1 gang switch clipsal or equalant sheet flusht type on metal board	No.	700	12	(8400)
28	Providing and fixing 2 gang switch & socket clipsal or equalant or equalant sheet flusht type on metal board	No.	972	6	(5832)
29	Providing and fixing 4 gang clipsal or equalant sheet flusht type on metal board	No.	1780	8	(14240)
30	Providing and fixing 10 gang switch & socket clipsal or equalant sheet flusht type on metal board	No.	4100	30	(123000)
31	Providing & fixing three pin 5 a plug & socket universal (superior quality)	No.	256	40	(10240)
32	Providing and fixing well finished aluminium casted based glass cover water tide bulk head fitting complete with brass holder and 25 w Saver lamp including connection good quality	No.	710	14	(9940)
33	Providing and fixing AC plug 20/25 amp plug/socket flush type on metal board & covered with plastic sheet	No.	1690	18	(30420)
34	Providing and instaling PABX 3/8 lines (Panasonic)	No.	68000	1	(68000)
35	Providing and instaling cansole set (Panasonic)	No.	27000	1	(27000)
36	Providing and instaling Telephone set (Panasonic)	No.	5000	8	(40000)
37	Providing and instaling UPS (Star tech) along with 1 nos batteries including necessary wiring as required.	No.	100000	2	(200000)
38	Providing and fixing electric geyser 30 galon including making connection (imported)	No.	38000	2	(76000)
39	Providing and instaling computer core-i-3 branded new complete with 18.5" lcd monitor (HP, Dell)	No.	95000	2	(190000)
40	Providing and instaling printer black & white branded new (HP)	No.	16000	2	(32000)
41	Providing and fixing Air cutter fan unit (for main entrance)	No.	95000	1	(95000)
42	Providing and fixing automatic Air freshner battery operated Complete in all respect (for surgical ward)	No.	40000	1	(40000)
43	Providing and fixing fire extinguisher powder type 6 kg	No.	4900	4	(19600)
44	Providing and fixing fire extinguisher Co2 5 kg	No.	5300	4	(21200)
45	Providing and fixing LED TV 49" (Samsung, Sony)	No.	100000	2	(200000)
46	Providing and fixing Electric hand drayer (Imported make)	No.	12000	2	(24000)
47	Wiring for earthing point with (1 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	18	5000	(90000)
48	Wiring for earthing point with (1.5 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	27	1400	(37800)
49	Wiring for earthing point with (2.5 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	41	1400	(57400)

31	conduit recessed in wall, column & roof as required	Mtr	480	90	43200
32	Providing and fixing AC plug 20/25 amp plug/socket flush type on metal board & covered with plastic sheet	No.	1650	26	42900
33	Providing & laying coxil PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column including making connection with TV socket	Point	1300	1	1300
34	Providing and fixing TV socket superior quality flush type on metal board	No.	816	1	816
	FIRE ALARM SYSTEM				
35	Providing, Fixing, Testing, Commissioning optical smoke addressable sensor b-501-b5241e (m1-pse)	Nos	1100	60	66000
36	Providing, Fixing, Testing, Commissioning addressable manual call point glass element sr 1t surface mounted	Nos	120	6	720
37	Providing, Fixing, Testing, Commissioning intelligent wall mounted sounder lbpw,sdbd	Nos	130	6	780
38	Providing, Fixing, Testing, Commissioning d*c4/2 10 loops network cable analogue addressable surface/ recessed mounting type fire alarm control panel	Nos	65000	1	65000
39	Providing laying Pvc conduit pipe 1" dia recessed in wall, column and roof etc including all accessories such as socket, bend, tee, junction box, etc.	Mtr	280	200	56000
40	Wiring for fire alarm system smoke sensor with 2.5mm ² fire resistance cable in 1" dia existing Pvc pipe complete as required.	Mtr	300	350	105000
41	Providing and fixing Telephone socket superior quality flush type on metal board (Philips, Orange, btisino equalant brand)	No.	520	8	4160
42	Providing and fixing 30 cm (12") sweep metallic body exhaust fan complete with blades, motor, shutter etc including making hole in the wall & connection with 14.0076 flexible wire complete as required Millat / Pak /Asia / Climas / Younas / Royal.	No.	3000	10	30000
43	Providing and fixing false ceiling fan 2' x 2' 15" dia i/c making connections. (Air flow)	No.	7200	53	403200
44	Providing and fixing led light 2' x 2' 48 w false ceiling type i/c making connections. (Philips, Orange, btisino, equalent imported)	No.	5000	142	710000
45	Providing and fixing on wall Flood light 150 w (HPIT) having ip 65 classification with 150 w lamp, choke, capacitor, igniter & internal wiring complete in all respect as required or instruction of E.I	No.	15500	2	31000
46	Providing and fixing Earthing set with 2'x2'x1/8" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (salt & charcoal, or earthing chemical powder) etc. making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 2x8 SWG copper wire in 1/2" dia GI conduit complete in as respect as required.	Job	25000	1	25000

9.47

No.

100000

1

160000

01 no

03 nos

24 nos

03 nos

11 nos

03 nos

02 nos

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EXTERNAL ELECTRIFICATION

S#	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
R-1	Providing and Installing CCTV system with 3 nos night vision camera, 16 channel DVR Camera accessories with complete cabling and 500 GB Hard Disk complete installation & programming	No.	100000	1	100000
R-2	Providing and installing Transformer 200 KVA, 11kv/415 volts, 3phase 50 hz complete with making connection. (Johanson & Philips)	No.	1	1	1
R-3	Providing and fixing donkey pump 1 hp having suction and delivery 1" x 1" complete with motor, mounted on fixed frame as approved including wiring with 2.5 mm2 pvc	No.	30000	1	30000
R-4	Providing and fixing bolard light (garden light) suitable pipe with base complete with glass shade and 25 w saver lamp	No.	5000	5	25000
R-5	<u>ELEVATOR</u> Providing & Installation testing, commissioning of 10 passenger Elevator with complete all necessary Equipment as required (Germany, USA, Japan Origin) Item includes Transportation loading unloading etc.	Nos	3000000	1	3000000
TOTAL AMOUNT OF NONSCHEDULE ITEM					3155000

1. Name of Procuring Agency: **Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.**

2. Tender Reference No: **No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018.**

3. Tender Description/Name of work/item: **CONSTRUCTION OF MUSAFIR KHANA
AT SHAHEED MOHTARMA BENAZIR
BHUTTO MEDICAL UNIVERSITY,
LARKANA.**

4. Method of Procurement: **Domestic/ Local.**

5. Tender Published: **SPPRA Web Site on 08-01-2018. On University website 08-01-2018**
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).

6. Total Bid documents Sold:- **04 Nos.**

7. Total Bids Received: **03 Nos.**

8. Technical Bid Opening date: (if applicable) **Not Applicable** (Provide details in separate form)

9. No. of Bid technically qualified (if applicable): **Not Applicable.**

10. Bid(s) Rejected: **Nil.**


11. Financial Bid Opening Date: **24-01-2018.**


12. Bid Evaluation Report:

13. Estimated Cost: - **Rs: 18,561,596.00**

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Damas Engineering Larkana	Rs: 19,010,556.00	1 st	+ 2.419% (Above)	Acceptable due to 1 st lowest.	
2.	M/s Zahid Ali Jatui Larkana	Rs: 20,278,200.00	2 nd	+9.248 % (Above)	2 nd Lowest	
3.	M/s Mubashir Construction & Company	Rs: 20,538,818.00	3 rd	+ 10.652% (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
Assistant Engineer
Board of Intermediate & Secondary
Education Larkana


Sarfraz Ahmed Tunio
Accounts Officer
SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
Executive Engineer
SMBB Medical University, Larkana

“SAY NO TO CORRUPTION”

M/s. Damas Engineering
LARKANA

LETTER OF ACCEPTANCE /INTENT

SUBJECT: -**CONSTRUCTION OF MUSAFIR KHANA AT SHAHEED MOHTARMA
BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of Rs. 19,010,556/- (*Rupees Nineteen Million Ten Thousand Five Hundred Fifty Six Only*) has been accepted by the University Authorities being lowest in competition.

❖ **NO PREMIUM SHALL BE PAID ON QUOTED RATES.**

❖ **NO CARTAGE SHALL BE PAID SEPARATELY.**

❖ **NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.**

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana.

Accepted

[Signature]

DAMAS ENGINEERING

[Signature]
**ENGR.KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER**

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.



Executive Engineer

No. SMBBMU/XEN/ 772 Dated: 24/04/ 2018

"SAY NO TO CORRUPTION"

M/s. Damas Engineering
LARKANA.

WORK ORDER

SUBJECT: - CONSTRUCTION OF MUSAFIR KHANA AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I tender for the above mentioned work amounting to Rs. 19,010,556/- (*Rupees Nineteen Million Ten Thousand Five Hundred Fifty Six Only*) being the 1st Lowest in competition.

- (i) Sindh Government Composite Schedule of Rates 2012 (Civil Works).
@ 20% Above (Twenty Percent Above)
- (ii) Non Schedule Items (Civil Work) Rs: 6,030,824/-
- (iii) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works).
@ 10% Above (Ten Percent Above)
- (iv) Non Schedule Items (Plumbing Work) Rs: 331,960/-
- (v) Sindh Government Composite Schedule of Rates 2012 (Electric Works).
@ 10% Above (Ten Percent Above)
- (vi) Non Schedule Items (Electric Works) Rs: 714,100/-
- (vii) Non Schedule Items (External Electrification). Rs: 169,000/-

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule "B"/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule "B" of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work enforce from 2012.

8. No cartage charges of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid
9. No premium shall be paid on Non- Schedule items.
10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.
11. All RCC/CC cost in situ shall be mechanically vibrated.
12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities & to start the work at site and complete the work within (12) Twelve Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana..
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University, Larkana
- 2) PROVINCIAL / LOCAL GOVT / OTHER Autonomous (others)
- 3) TITLE OF CONTRACT Construction of Mess Khana
- 4) TENDER NUMBER at SMBBMU, Larkana
- 5) BRIEF DESCRIPTION OF CONTRACT At SMBB Medical University Larkana
- 6) FORUM THAT APPROVED THE SCHEME (03) NO SMBBMU/EN/792/dated 24/4/2018
- 7) TENDER ESTIMATED VALUE Vice chance for SMBBMU, Larkana
- 8) ENGINEER'S ESTIMATE
(For civil works only) Rs. 18561596/-
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) (12) Twelve Months
- 10) TENDER OPENED ON (DATE & TIME) 24/11/2018 at 1:00 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD (04) Three Four
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED (3) Three
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS (03) Three
- 14) BID EVALUATION REPORT
(Enclose a copy) Copy Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Dams Engineering Larkana
- 16) CONTRACT AWARD PRICE Rs. 19,01,055.60/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
M/s. Dams Engineering Larkana
M/s. Mushir Construction Company
M/s. Zahid Ali Jatoi Larkana
- 18) METHOD OF PROCUREMENT USED : - (Tick one)

a)	SINGLE STAGE – ONE ENVELOPE PROCEDURE	<u>Yes</u>	<input checked="" type="checkbox"/> Domestic/ Local
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 ETC. WITH BRIEF REASONS:

[Signature]
Procurement Engineer
SMBB Medical University
Larkana

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT VC SMOBMMU, 2018

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 Dated 8/1/2018
No	

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

Yes	Tung 6/1/2018 Dawn 6/1/2018
No	Bawish 6/1/2018

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
--------------------	-------------------------------------	------	--------------------------

23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	NO

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

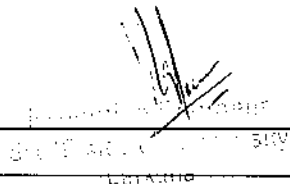
37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer



FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi

Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Print

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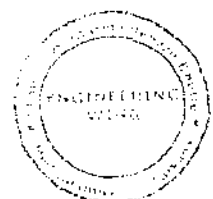
**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY
LARKANA**

**BILL OF QUANTITIES FOR
CONSTRUCTION OF
MUSAFIR KHANA**

CONSULTANTS



ESS.I.AAR
Providing Engineering & Services Consultants



**BILL OF QUANTITIES OF
CONSTRUCTION OF MUSAFIR KHANA AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA**

S.No	ITEMS OF WORKS	COST (Rs.)
1	MUSAFAR KHANA	
	TOTAL AMOUNT	₹19010556.2

(Nineteen Million Ten Thousand Five Hundred Fifty Six only)

SEAL
Executive Engineer
Seal and Sign of Client
SMBB Medical University
LARKANA.

DAMAS ENGINEERING
Seal and Sign of Contractor

CONSTRUCTION OF MUSAFIR KHAN AT

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

Description	Cost
Summary of Musafir Khana	
Oil Works	
Schedule Items	9,276,839
2 % Premium on Schedule Items	(1855367.8)
In Schedule Items	(6030823.5)
Painting	$R_1 = 17163029$
Schedule Items	324,162
2 % Premium on Schedule Items	(32416.2)
In Schedule Items	(331960)
Electrical	$R_1 = 688538$
Schedule Items	250,807
2 % Premium on Schedule Items	(25080.7)
In Schedule Items	(714100)
	$R_1 = 989187$
TOTAL OF A	(=18841556.2)
Summary of External Electrification	
in Building	(=169000=)
TOTAL OF B	(=169000=)
GRAND TOTAL OF A+B =	$R_1 = 19010556.2$

$R_2 = 19010556/-$

DAMAS ENGINEERING

02

0

0

Civil Work

Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
RULE ITEMS (PART I)					
	FOUNDATION				
SCH/C1/ item no.18b/ P-4	EXCAVATION: Excavation in foundation of Building Bridges and other structures including dagbelling dressing,refilling around structure with excavated earth Watering and ramming lead upto 5 ft. (b) In ordinary soil.	%Cft	3176.25	10629.87	33,763
SCH/C1/ item no.21/ P-4	SURPLUS EARTH:(Left after Backfilling) Filling, watering and ramming earth in floor with surplus earth from foundation lead upto the one chain and lift upto 5 ft.	%Cft	1512.50	3543.29	5,359
SCH/C1/ item no.22/ P-4	EARTH FILL FROM OUTSIDE: (FOR FLOORING) Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5feet.	%Cft	3630.00	2111.71	7,666
SCH/C1/ item no.8a/ P-2	LEAD FOR EXCAVATED EARTH FROM OUTSIDE: Extra for every 50 ft. additional lead or part thereof. (a) For earth work (soft, ordinary, hard and very hard.)	%Cft	100.78	2595.39	262
SCH/C18/ item no.92/ P-109	ANTI TERMITE: Providing Anti-termite treatment by spraying /sprinkling /spreading Neptachler 0.5% Emulsion as an overal pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc, as per directions of Engineer Incharge	SFT	9.74	3826.00	37,265
SCH/C4/ item no.5-i/ P-16	LEAN CONCRETE (1:4:8): Cement concrete plain including placing, compacting, finishing and curing, complete(including screening and washing at stone aggregate without shuttering) (i)Ratio 1:4:8				
	a) Foundation Pad	%Cft	11288.75	818.28	92,374
	b) Below Internal Plinth Beam	%Cft	11288.75	445.25	50,263
	c) Below External Plinth Beam	%Cft	11288.75	648.28	73,183


DAMAS ENGINEERING



SCH/C4/ item no.5a(i)/ P-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 :2: 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.				
	a) Foundation Pad	CFT	337.00	2860.36	967 940
	b) UGWT	CFT	337.00	440.87	1 575
	c) Plinth Beam	CFT	337.00	965.27	3 294
SCH/C4/ item no.6-a(ii)/ P-16	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 :1 1/2: 3.				
	a) Short Column	CFT	349.00	243.33	3 321
SCH/C4/ item no.5h/ P-16	C.C. PLAIN: (BELOW EXTERNAL PLINTH BEAM) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%CFT	12595.00	449.70	58 640
SCH/C4/ item no.19b/ P-18	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (ii)vertical b)For CC plain below external plinth beam.	%SFT	3127.41	521.66	15 314
SCH/C4/ item no.5h/ P-16	C.C (1:3:6):- (3" THICK FOR FLOORING) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (h) Ratio 1:3:6	%CFT	12595.00	956.50	12 771



SCH/C7/ item no.38/ P-38	POLYTHENE SHEET: Providing and laying single layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer incharge.				
	b) Below flooring	SFT	10.70	3826.00	40.938
SCH/C11/ item no.9/ P-71	BITUMEN COATING: (FOR VERTICAL ON SIDES OF PLINTH BEAM) Bitumen coating to plastered or cement concrete surface.	%SFT	778.09	1791.51	3.940

SCH/C4/ item no.6-a(ii)/ P-16	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 : 1 1/2 : 3.				
	a) Columns	CFT	349.00	446.94	155.101
SCH/C4/ item no.6-a(i)/ P-16	REINFORCED CEMENT CONCRETE: , Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.				
	a) Beams	CFT	337.00	1120.45	37.591
	b) Slabs	CFT	337.00	1910.00	64.570
	c) Lintel	CFT	337.00	144.46	4.382
	d) Stair	CFT	337.00	42.00	1.154
	d) projection	CFT	337.00	491.00	16.465
SCH/C5/ ITEM no.5-1(c)/ P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	4002.96	52.488
SCH/C9/ item no.11/ P-52	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%Sft	2197.52	10387.49	23.267
	b) 1/2" thick	%Sft	2283.93	10387.49	23.243
SCH/C9/ item no.11/ P-52	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%Sft	2197.52	2898.34	6.492
	b) 1/2" thick	%Sft	2283.93	2898.34	6.496
SCH/C9/ ITEM no.11/ P-56	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	2898.34	18.161



SCH/C9/ item no.36a/ P-55	Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chalk / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (new surface)	%Sft	1989.62	10387.49	208.97
item no.36b	(b) Second coat.	%Sft	727.38	10387.49	75.55
SCH/C9/ item no.23/ P-54	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling).	%Sft	442.75	3031.54	13.12
SCH/C9 item no.24b/ P-54	2 COATS DISTEMPER: Distempering b) Two Coats	%Sft	1043.90	3031.54	31.64
SCH/C10 item no.7b/ P-58	DEODAR (FLUSH) DOORS : First class deodar wood wrought, joinery in doors and windows etc, fixed in position including chowkats hold fast hinges, iron tower bolts, chocks cleats, handles and cords with hooks, etc. (b) 1-3/4" thick. Deduct rate of Item # 25/P-61 from rate of this item Rate = 1273.76 - 370.83 = 902.93				
	a) Doors	P.Sft	902.93	455.00	8.83
SCH/C11/ item no.7a/ P-71	FRENCH POLISHING: (ON DOORS) French Polishing complete (a) new work	%Sft	3841.75	910.00	34.96
SCH/C10/ item no.21/ P-60	MORTICE LOCK:) Providing and fixing approved quality mortice lock.	EACH	1786.13	20.00	22.60
SCH/C11/ item no.5d/ P-70	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
(i)	Primer coat	%Sft	521.95	503.36	2.62
(ii)	Each subsequent coat of paint.	%Sft	374.44	503.36	1.45
SCH/C8/ item no.16b/ P-52	CONCRETE(1:2:4) FOR BASE OF TOILET FLOORING: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: b) 1 1/2" thick	%Sft	2548.29	733.00	16.67
SCH/C8/ item no.15c/ P-52	SCREEDING FOR ROOF: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: c) 3" thick	%Sft	4411.82	3770.00	166.13
SCH/C7/ item no.17/ P-38	WATER SPOUT: Fixing water Spout or Purnalah.	Each	211.75	4.00	54.40

	In ordinary soil	P.Lft	53.44	30.00	
	In shingle	P.Lft	144.19	50.00	
23	Cutting pipes Above 2" dia	P.Cut	66.55	40.00	
24	Threading 1-1/2" dia Pressure Pipe	Per End	46.64	6.00	
25	Assembling 1/12" dia pressure Pipe	%Lft	166.36	80.00	
ITEM P-23	Providing laying uPVC Pressure pipe pipes of class D (equivalent make) fixing in trench i/c cutting fitting and jointing with Z joint with one rubber ring i/c testing with water to a head 122 meter or 400 ft.	Rft	226.00	80.00	
ALUMINIUM WINDOWS & VENTILATORS:					
18 no.84b/ 108	Supplying & fixing in position aluminum channels framing for sliding windows & ventilators of alcop made with 5mm thick tinted glass glazing (Belgium) & aluminum fly screen i/c handles stoppers & locking arrangement etc. complete (b) deluxe model (bronze)				
	b) Windows & Ventilators	P.Sft	1647.69	503.36	829.24
GLAZED TILES FOR FLOORING:					
18/ item 3/ P-43	Laying floor of approved coloured with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete	%Sft	27747.06	733.00	20.186
GLAZED TILES (DADO):					
18/ item 36/ P-45	Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.	%Sft	28299.30	1408.00	32.454
MARBLE TILES : LAYING					
18/ item 28/ P-43	WHITE MARBLE FLOORING FINE DRESSED ON THE SURFACE WITHOUT SET IN LIME MORTER 1:2 INCLUDING RUBBING AND POLISHING OF THE JOINTS a) 3/4" thick flooring	P.SFT	567.48	1520.00	862.69.60
TOR STEEL:					
SCH/C4/ EM no.8b/ P-17	Fabrication of tor steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wires.	P.Cwt	5001.70	202.00	1.1.343
NEW STEEL GRILL:					
SCH/C17/ item no.30/ P-34	Providing and fixing iron steel grill using solid square bars of size 1/2" x 1/2" placed at 4" i/c and frame of flat iron patti of 3/4" x 3/4" i/c circle shape at 1-0 aprt equivalent fitted with screws and pins i/c painting 3 coats with 1st coat of red oxide paint etc	SFT	194.16	503.36	9.12.39
G.I. FRAMES FOR DOOR					
SCH/C17/ item no.29/ P-93	Providing & fixing G.I frames/choukhats of size 7"x2" or 4 1/2"x3" for door using 20 guage G.I sheet i.e welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i.e all carriage, tools and plants used in making and fixing.	P.Rft	228.90	345.00	18.971
PART-I GROUND FLOOR (SCHEDULE ITEMS) TOTAL IS =					9,778.839



FOUNDATION

OR 01	STONE SOLING: Providing and laying soling stones 6 inches to 9 inches (152 mm to 229 mm) size under floors including packing with spawls and chips and consolidating etc. complete.	CFT	(140)	3261.33	4 6.53
OR 02	SR CEMENT: Providing and using sulphate resisting cement in place of ordinary portland cement in item of RCC..				
	Lean 1:4:8	Bags	(50)	130.12	1 506.
	Concrete 1:1.5:3	Bags	(50)	48.92	3 146.
	Situ 1:2:4	Bags	(50)	547.70	5 738

Total: €11298


DAMAS ENGINEERING

OR 01	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	(290)	128.00	(371.20)
OR 02	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	(280)	58.93	(165.00)
OR 03	RAILING Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement concrete 1:2:4 etc. complete in any floor	RFT	(900)	25.00	(22500)
OR 04	MARBLE TILES (DADO): Marble tile dado 1/2" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing. 6" x 6"	SFT	(300)	1110.00	(333000)
OR 05	VERONA MARBLE: Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size on stairs as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:2 setting mortar base including fillings the joints and washing the tiles with white cement, slurry current, finishing cleaning and polishing etc complete. (a) (12" x 12") for new work	SFT	(300)	222.79	(66837)
OR 06	STEEL FRAME: Providing and installing Steel frame of mild steel to supported for fiber glass shed	SFT	(800)	3265.77	(2612616)
OR 07	FIBER GLASS SHEET: Supplying & fixing 5mm thick fibre glass with iron frame and provide 8"x8" MS plate and vertical post 3" dia MS pipe of 12.5' height embeded in foundation 1:2:4 with nuts and bolts and also include the cost of enamel paint etc complete as per drawing.	SFT	(750)	3265.77	(2449327)
PART - II (NON - SCHEDULE ITEM) TOTAL IS: =					(607883)



DAMAS ENGINEERING

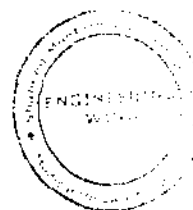
PLUMBING WORK

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

2 (B) SCHEDULE OF ITEM (B), PLUMBING WORKS

No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
1	SCH/C1/ ITEM 22/P-6)	Providing & fixing 1/2" dia, lead connection complete with a 1/2" dia brass stop cock, two brass nuts & lining jointed to lead pipe with plumber wiped solder joints 1/2" inches lead pipe to be of not less than 4lbs per lineal yard	Each	689.70	18	12,415
2	SCH/C3/ ITEM . 2/P- 9	Providing & fixing M.S clamps of the approved design to 4" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall including pipe distance pieces extra painting to match the colour of the building	Each	72.16	10	721.60
3	SCH/C3/ ITEM 14/P-10).	Providing & fixing M.S clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building	Each	264.00	6	1,584.00
4	SCH/C3/ ITEM 12(B)/P- 18)	(b) S/Fixing concealed Tee stop cock of superior quality with c.p head 1/2" dia	Each	889.46	18	16,010.28
5	SCH/C3/ ITEM 13(A)/P- 19)	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia	Each	1109.46	16	12,751.36
6	SCH/C3/ ITEM. 1(i)/P-24	Supplying & fixing 6" x 4" earthen gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2 thick cement plaster (1:3) to the karb C.I grating 6" x 6" and C.I. cover and frame 12"x12" (inside) etc Complete (b) earthen ware glazed gully trap(a) (i) 6"x6"x4" (i) With C.I Cover and Frame	Each	1220.67	6	7,324.02
7	SCH/C2/ ITEM. 1/P- 46).	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6"(1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole Cover with Frame of Clear opening 1-1/2' x 1-1/2' (457x457 mm) of 1.75 cwt (88.9) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6' (150 mm) Wide Projecting 4" (102mm) from the face of wall at 12" (305 mm) C/C duly Painted Etc. Complete as per standard Specification and Drawing. (a) 4" to 12" dia 2'x2'x3'-6"	Each	14748.00	6	88,488.00
8	SCH/C2/ ITEM. 1/P- 7).	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P brass Screws.(I) Towel rail 36" long (a) 3/4" dia round or square (standard pattern)	Each	1269.95	4	5,079.80
10	SCH/C2/ ITEM. 6/P- 8).	Supplying & fixing soap tray of made of plastic of superior quality and design with fine finishing with c.p screws etc complete	Each	169.40	8	1,355.20

DAMAS ENGINEERING



EM.5/P-17					
	i) 3/4" dia	Each	271.92	8	2,175.36
	ii) 1" dia	Each	365.42	4	1,461.68
	iii) 1-1/2" dia	Each	640.42	6	3,842.52
SCH/C6/ TEM20/ P-19)	Supplying & fixing telephonic shower with ring pipe etc complete	Each	1122.00	2	2,244.00
SCH/C6/ TEM14B (P-19)	Supplying & fixing wash basen mixture of superior quality with c.p head 1/2" dia	Each	3179.00	6	19,074.00
SCH/C1/ ITEM 3A(ii) / P-2)	Providing and fixing orisa type white or color glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requiste numbers of holes in walls , plinth & floor and making good in cement concrete 1:2:4 W.C pan orisa type 23" with plastic tank of low down 3 gallons C.I trap & C.I thumble (Superior Quality) With 4" dia. earthen ware trap and plastic thumble	Each	6166.60	8	49,333
SCH/C1/ ITEM 08 / P-3)	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint , a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requiste number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern)	Each	4253.70	6	25,522
SCH/C1/ ITEM 04 / P-2)	Providing & fixing European type white glazed earthen ware wash down w.c pan complete with including the cost of white / black plastic seat (Best Qty) and lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistern with internal fitting with fitting clamp 3/4" dia. and cutting and making requistic number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4	Each	5339.40	2	10,678
SCH/C1/ ITEM 09 / P-3)	Add extra for labour for providing and fixing of earthen ware pedestal white or coloured glazed	Each	938.47	6	5,631
SCH/C2/ ITEM 4B / P-7)	Providing and fixing 15" x 12" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat (b) Superior Quality	Each	2047.76	6	12,287
Total Of Schedule Items = 324,552					



DAMAS ENGINEERING



	engineer incharge) fitting with 'Z' joint & rubber ring etc.				
OR 1	(a) Elbow / Bend 110 mm or 4" dia	Each	(150)	2	300
	(b) Elbow / Bend With Door 110 mm or 4" dia	Each	(150)	2	300
	(c) Tee 110 mm dia	Each	(150)	10	1500
	(d) Socket 110 mm dia	Each	(150)	6	900
	(e) UPVC Tee With Door 110 mm dia	Each	(150)	4	600
	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
OR 2	(a) Elbow / Bend 75 mm or 3" dia	Each	(120)	2	240
	(b) Tee 75 mm dia	Each	(150)	8	1200
	(c) Socket 75 mm dia	Each	(100)	4	400
	(d) UPVC Tee With Door 75 mm dia	Each	(150)	2	300
	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required.(for cold water pipe)				
OR 3	(a) 20mm (3/4") dia PPR	Rft	(75)	188	1410
	(b) 1 mm (1")	Rft	(90)	38	342
	(d) 38 mm (1-1/2") dia	Rft	(100)	20	200
	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required.(for Hot water pipe)				
OR 4	(a) 20mm (3/4") dia PPR	Rft	(75)	188	1410
	(b) 1 mm (1")	Rft	(90)	140	1260
OR 5	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 4" dia (110 mm) etc complete.	Rft	(250)	50	1250
OR 6	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 3" dia (75 mm) etc complete.	Rft	(200)	88	1760
OR 7	Supply & fix UPVC Dadex or approved by engineer incharge vent cowel 110mm (4" dia) on top of vent pipe.	Each	(250)	30	750
OR 8	Supply & fix UPVC Dadex or approved by engineer incharge vent cowel 110mm (3" dia) on top of vent pipe.	Each	(200)	15	300
OR 9	Providing & fixing UPVC floor trap(DADEX or approved by engineer incharge) with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a UPVC Grating with or without a vent arm i/c cost of making requisite number of holes in walls plinth and floor for pipe connectons and making good cement concrete 1:2:4.	Each	(700)	16	11200

10	cutting, fitting & jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated staff.				
	a.9" dia RCC Pipe Class B	Rft	300	100	30000
11	Electric geyser 45 litres capacity complete with thermostate safety valves supply and fixing.	Each	100000	2	200000
Total of Non Schedule Items					333760

= 331960/-


DAMAS ENGINEERING



ELECTRICAL WORK

SCHEDULE ITEM ELECTRICAL WORKS

#	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
2/	Wiring for light or fan point with (3/.029) PVC				
24/	insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as required	Point	1130	108	122,040
2/	wiring for plug point (3/.029) PVC insulated wire in				
26/	20mm (3/4") PVC conduite recessed in the wall or column as/ required	Point	985	18	17,730
1/	P/Laying (Main or Sub Main) Pvc insulated & PVC sheeted with 4 core copper conductor 300/500 volts size 4mm ² (Fom supply point to DB)	Mtr	361	50	18,050
11/	Providing and fixing one way sp 5 amp switch flush type	No.	54	108	5,832
11/	Providing and fixing two pin 5 amp plug & socket	No.	80	6	480
11/	Providing and fixing three pin 5 amp plug & socket	No.	91	12	1,092
11/	Providing and fixing three pin 10/15 amp plug & socket flush type	No.	162	3	486
11/	Providing and fixing bakelite ceiling rose with two terminals	No.	72	6	432
11/	Providing & Fixing Brass batten holder	No.	70	72	5,040
11/	Providing and fixing brass ceiling fan 56" good quality	No.	3185	25	79,625
TOTAL AMOUNT OF SCHEDULE ITEMS					250,850

DAMAS ENGINEERING

DESCRIPTION OF WORK

UNIT

RATE

QTY

AMOUNT

MUSAFIR KHANA

NON SCHEDULE ITEM ELECTRICAL WORKS

Providing and fixing energy saver lamp 25 w	No.	(300)	72	(21600)
Providing and fixing well finished aluminium casted based glass cover water tide bulk head fitting complete with brass holder and 25 w Saver lamp including connection good quality	No.	(500)	20	(16000)
Providing and fixing 4 1/2" x 4 1/2" ms di casted powder coated recessed type fan clamp box with 3/8" dia ms bar fan clamp fixed on roof at casting time as required	No.	(6000)	25	(15000)
Providing and fixing 6 A fan dimmer fixed on plastic or fiber top cover sheet on 14 swg metal board recessed in the wall or column including connection	No.	(1100)	25	(27500)
Providing and fixing 30 cm (12") sweep metallic body exhaust fan complete with blades, motor, shutter etc including making hole in the wall & connection with 14.0076 flexible wire complete as required Millat / Pak / Asia / Climas / Younas / Royal.	No.	(4500)	6	(27000)
Providing and fixing Earthing set with 2'x2'x1/8" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (salt & charcoal, or earthing chemical powder) etc. making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 2x8 SWG copper wire in 1/2" dia GI conduit complete in as respect as required.	Job	(40000)	1	(40000)
Wiring for earthing point with (1 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	(120)	900	(10800)
Wiring for earthing point with (1.5 mm ²) PVC insulated wire recessed in the wall or column as required	Mtr	(150)	700	(10500)
Providing and fixing metal board flush type with 14 swg gi sheet including earth point as required size 4"x7"	No.	(3000)	13	(39000)
Providing and fixing metal board flush type with 14 swg gi sheet including earth point as required size 4"x4"	No.	(2000)	3	(6000)
Providing and fixing metal board flush type with 14 swg gi sheet including earth point as required size 3"x3"	No.	(1500)	12	(18000)
Providing and fixing led emergency light 50w	No.	(3000)	4	(12000)

DAMAS ENGINEERING



DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
DISTRIBUTION BOARD (7 KW)				
Providing & Fixing, testing, commissioning cubical metal sheet distribution board flush type with locking arrangement duty powder coated paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, ora, Rco, Karimi, Industrial Power Tech, Global Tech).				
Coming:-				
3A TP MCB 01 No (Terasaki)	No.	150000	1	150000
indicating lamp 03 No				
ut going:-				
3A SP MCB 03 No (Terasaki)				
3A SP MCB 15 No (Terasaki)				
TOTAL AMOUNT OF NON SCHEDULE ITEMS				714100


DAMAS ENGINEERING



EXTERNAL ELECTRIFICATION



NON SCHEDULE ITEM EXTERNAL ELECTRIFICATION WORKS

em #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
DR-1	Providing and fixing donkey pump 1 hp having suction and delivery 1" x 1" complete with motor, mounted on fixed frame as approved including wiring with 2.5 mm2 pvc insulated wire	No.	30000	1	30000
DR-2	Providing and installing CCTV system with 1 nos night vision camera, 16 chanel DVR Camera accessories with complete cabling and 500 GB Hard Disk complete installation & programming	No.	130000	1	130000
DR-3	Providing and fixing bolard light (garden light) suitable pipe with base complete with glass shade and 25 w saver lamp	No.	1500	6	9000
TOTAL AMOUNT OF NONSCHEDULE ITEM					169000

DAMAS ENGINEERING



VOL: III


TENDER DRAWINGS





1. Name of Procuring Agency: **Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.**
2. Tender Reference No: **No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018.**
3. Tender Description/Name of work/item: **CONSTRUCTION OF MAIN GATE AT
SHAHEED MOHTARMA BENAZIR
BHUTTO MEDICAL UNIVERSITY,
LARKANA**
4. Method of Procurement: **Domestic/ Local.**
5. Tender Published: **SPPRA Web Site on 08-01-2018. On University website 08-01-2018
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).**
6. Total Bid documents Sold:- **04 Nos.**
7. Total Bids Received: **03 Nos.**
8. Technical Bid Opening date: (if applicable) **Not Applicable** (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): **Not Applicable.**
10. Bid(s) Rejected: **Nil.**
11. Financial Bid Opening Date: **24-01-2018.**
12. Bid Evaluation Report:
13. Estimated Cost: **-Rs: 27,986,292.00**

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Muhammad Ramzan & Co Sukkur	Rs: 28,593,440.00	1 st	+2.169% (Above)	Acceptable due to 1 st lowest.	
2.	M/s Zahid Ali Jatoti Larkana	Rs: 35,451,908.00	2 nd	+26.676% (Above)	2 nd Lowest	
3.	M/s Mubashir Construction & Company	Rs: 36,348,339.00	3 rd	+29.879% (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
 Assistant Engineer
 Board of Intermediate & Secondary
 Education Larkana


Sarfraz Ahmed Tunio
 Accounts Officer
 SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
 Executive Engineer
 SMBB Medical University, Larkana

"SAY NO TO CORRUPTION"

M/s. Muhammad Ramzan & Co
SUKKUR.

LETTER OF ACCEPTANCE /INTENT

SUBJECT: - **CONSTRUCTION OF MAIN GATE OF CHANDKA MEDICAL COLLEGE, AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of **Rs. 27,878,604/- (Rupees Twenty Seven Million Eight Hundred Seventy Eight Thousand Six Hundred Four Only)**; has been accepted by the University Authorities being lowest in competition.

❖ **NO PREMIUM SHALL BE PAID ON QUOTED RATES.**

❖ **NO CARTAGE SHALL BE PAID SEPARATELY.**

❖ **NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.**

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana



MUHAMMAD RAMZAN & CO
ENGINEERS & CONTRACTORS



ENGR KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy



Executive Engineer

No. SMBBMU/XEN/ 770 Dated: 24/04/ 2018

“SAY NO TO CORRUPTION”

M/s. Muhammad Ramzan & Co

SUKKUR**WORK ORDER**

SUBJECT: - **CONSTRUCTION OF MAIN GATE OF CHANDKA MEDICAL COLLEGE, AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I Tender for the above mentioned work amounting to Rs. 27,878,604/- (*Rupees Twenty Seven Million Eight Hundred Seventy Eight Thousand Six Hundred Four Only*) being the 1st Lowest in competition which comes after rebate of (2.50 %) on overall bid cost offered by your firm.

- (i) Sindh Government Composite Schedule of Rates 2012 (Civil Works).
@ 29% Above (Twenty Nine Percent Above)
- (ii) Non Schedule Items (Civil Work) Rs: 2,560,847/-
- (iii) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works).
@ 25% Above (Twenty Five Percent Above)
- (iv) Non Schedule Items (Plumbing Work) Rs: 349,722/-
- (v) Sindh Government Composite Schedule of Rates 2012 (Electric Works).
@ 25% Above (Twenty Five Percent Above)
- (vi) Non Schedule Items (Electric Works) Rs: 213,650/-
- (vii) Sindh Government Composite Schedule of Rates 2012 (Civil Works Roads & Walkways).
@ 10% Above (Ten Percent Above)
- (viii) Non Schedule Items (Roads & Walkways) Rs: 26,880/-
- (ix) Sindh Government Composite Schedule of Rates 2012 (Civil Works External Development).
@ 25% Above (Twenty Five Percent Above)

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule “B”/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule “B” of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work inforce from 2012.

- of the Contract Agreement. In the event of failure you will have to pay compensation to the Government as per terms and conditions of your contract agreement.
8. No cartage changes of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid
 9. No premium shall be paid on Non- Schedule items.
 10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.
 11. All RCC/CC cost in situ shall be mechanically vibrated.
 12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
 13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities to start the work at site and complete the work within (12) Twelve Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana..
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University Larkana
- 2) PROVINCIAL / LOCAL GOVT / OTHER Autonomous (Others)
- 3) TITLE OF CONTRACT Construction of Main gate of CMC, at
- 4) TENDER NUMBER SMBBMU, Larkana.
- 5) BRIEF DESCRIPTION OF CONTRACT (4) No. SMBBMU, VEN/790/Dated 24/4/2018
- 6) FORUM THAT APPROVED THE SCHEME Vice-Chancellor, SMBBMU, Larkana
- 7) TENDER ESTIMATED VALUE Rs. 27986,292/-
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) (12) Twelve Months
- 10) TENDER OPENED ON (DATE & TIME) 24-01-2018 @ 1:00 Pm
- 11) NUMBER OF TENDER DOCUMENTS SOLD (04) Three
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED (03) Three
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS (05) Three
- 14) BID EVALUATION REPORT Copy Attached
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s Muhammad Ramzan & Co. Sukkur
- 16) CONTRACT AWARD PRICE 27,986,604/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
M/s Muhammad Ramzan & Co.
M/s Mubashir Construction Company.
M/s Zahid Ali Patei Larkana.

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE - ONE ENVELOPE PROCEDURE Yes ☒ Domestic/ Local
- b) SINGLE STAGE - TWO ENVELOPE PROCEDURE ☐ ☒
- c) TWO STAGE BIDDING PROCEDURE ☐ ☒
- d) TWO STAGE - TWO ENVELOPE BIDDING PROCEDURE ☐ ☒

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT VC SMBMU Larkana

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 dated 8/1/2018
No	

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

Yes	Jang 6/1/2018 Dawn 6/1/2018 Kawish 6/1/2018
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	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	NO

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer


Executive Engineer
Sindh Medical University
Karachi

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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**BILL OF QUANTITIES OF
CONSTRUCTION OF MAIN GATE AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA**

S.No	ITEMS OF WORKS	COST (Rs.)
1	TENDER MAIN GATE	Rs = 28593440/-
	TOTAL AMOUNT	Rs = 28593440/-

(Twenty Eight Million Five Hundred Ninety Three Thousand Four Hundred Forty only) -

SEAL
Executive Engineer
SMBB Medical University
Seal and Sign of Client

SEAL
MUTIAQUL RANJAN & CO.
Seal and Sign of Contractor
Engineers & Contractors

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Description	Cost
Cost Summary of Main Gate	
Civil Works	
Schedule Items	8,028,930
139% Premium on Schedule Items	(2328390)
Non Schedule Items	(2560847)
Pumbing	Rs=12918167
Schedule Items	167,632
25% Premium on Schedule Items	(41908)
Non Schedule Items	(34972)
Electrical	Rs=559262
Schedule Items	176,878
35% Premium on Schedule Items	(44219)
Non Schedule Items	(213650)
	Rs=434747
TOTAL OF A	Rs=13912176
ROADS & WALKWAYS	
Schedule Items	13,147,960
16% Premium on Schedule Items	(1314796)
Non Schedule Items	(26880)
TOTAL OF B	Rs=14489636
Cost Summary External Development	
Schedule Items	153,303
5% Premium on Schedule Items	(38325)
Non Schedule Items	
TOTAL OF C	Rs=191629
GRAND TOTAL OF A+B+C	Rs=28593440
	Rs=28593440


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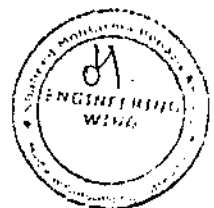


civiviwork

**CIVIL WORKS
SCHEDULE ITEMS (PART I)**

FOUNDATION					
Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
SCH/C1/ item no.18b/P-4	EXCAVATION: Excavation in foundation of Building Bridges and other structures including dagbelling dressing,refilling around structruure with excavated earth Watering and ramming lead upto 5 ft. (b) In ordinary soil.	%0Cft	3176.25	6255.10	19,868
SCH/C1/ item no.21/ P-4	SURPLUS EARTH:(Left after Backfilling) Filling, watering and ramming earth in floor with surplus earth from foundation lead upto the one chain and lift upto 5 ft.	%0Cft	1,512.50	1394	2,109
SCH/C1/ item no.22/ P-4	EARTH FILL FROM OUTSIDE: (FOR FLOORING) Filling watering and ramming earth under floor with new earth (Excavated from outside) lead upto one chain and lift upto 5feet.	%0Cft	3,630.00	4003	14,532
SCH/C1/ ITEM no.8a/ P-2	LEAD FOR EXCAVATED EARTH FROM OUTSIDE: Extra for every 50 ft. additional lead or part thereof. (a) For earth work (soft, ordinary, hard and very hard.)	%0Cft	100.8	4003	403
SCH/C18/ item no.92/ P-10	ANTI TERMITE: Providing Anti-termmite treatment by spraying /sprinkling /spreading Neptachler 0.5% Emulsion as an overal pre construction treatment in slab type construction along external foundation trenches of the building over complete perimeter of the foundation trench etc, as per directions of Engineer Incharge	SFT	9.74	982	9,562
SCH/C4/ item no.5-i/ P-16	LEAN CONCRETE (1:4:8): Cement concrete plain Including placing, compacting, finishing and curing, complete(including screening and washing at stone aggregate without shuttering) (i)Ratio 1:4:8	%Cft	11,288.75	809	91,296


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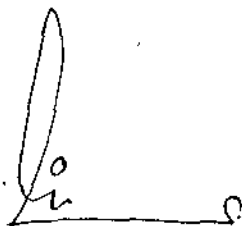


SCH/CA/ item no.6- a(i)/ P-16	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects.(i) Ratio (1 :2: 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.				
	(i) Ratio (1 :2: 4)	CFT	337.00	2427	817,924
SCH/CA/ item no.6- a(ii)/ P-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii Ratio 1 :1 1/2: 3.				
	a) Short Column	CFT	349.00	190	66,373
SCH/CA/ item no.5h/ P-16	C.C. PLAIN: (BELOW EXTERNAL PLINTH BEAM) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%Cft	12,595.00	1860	234,210
SCH/CA/ item no.19b/ P- 18	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (ii)vertical				
	for CC plain below external plinth beam.	%SFT	3,127.41	2033	63,574
SCH/CA/ item no.5h/ P-16	C.C (1:3:6): (3" THICK FOR FLOORING) Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (h) Ratio 1:1:6	%SFT	12,595.00	212	26,686


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1	SCH/C7/ item no.38/ P-38	POLYTHENE SHEET: Providing and laying single layer of polythene sheet 0.13 mm thick for water proofing as per specification and instructions of Engineer incharge.	SFT	10.70	1071	11,4
2	SCH/C11/ item no.9/ P-71	BITUMEN COATING: (FOR VERTICAL ON SIDES OF PLINTH BEAM) Bitumen coating to plastered or cement concrete surface.	%SFT	778.09	3927.00	30,556
3	SCH/C3/ item no.4c/ P-15	1:5:10: Cement concrete brick or stone blast 1 1/2" to 2" gauge. C)Ratio 1:5:10	%CFT	8695	1821.60	158,387
4	SCH/C4/ITE M no.2/ P-15	STONE SOLING: Dry rammed block or stone ballast 1 1/2" to 2" gauge 6" thick.	%CFT	3327.50	503.70	16,761



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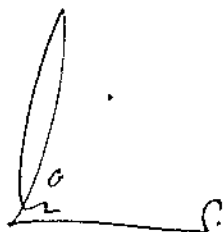
GROUND FLOOR

SCH/C4/ Item no.6- a(ii)/ P-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects.(ii Ratio 1 : 1 1/2 : 3.				
	a) Columns	CFT	349.00	662	231,027
SCH/C4/ Item no.6- a(i)/ P-16	REINFORCED CEMENT CONCRETE:) Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects.(i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" guage.	CFT	337.00	531	179,055
SCH/C5/ ITEM no.5- 1(c)/ P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	2963.12	391,943.87
SCH/C9/ Item no.11/ P-52	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%SFT	2,197.52	4329	95,138.44
	b) 1/2" thick	%SFT	2,283.93	4329	98,879.44
SCH/C9/ Item no.11c/ P-52	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height.				
	a) 3/8" thick	%SFT	2,197.52	3105	68,233.00
	b) 1/2" thick	%SFT	2,283.93	3105	70,916.03

Signature

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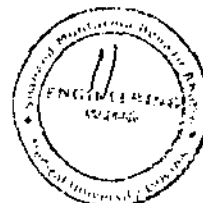
MUHAMMAD RAMZAN & CO:
Engineers & Contractors



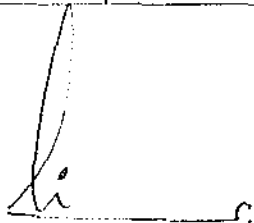
FIRST FLOOR

1	SCH/C4/ item no.6- a(ii)/ P-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (ii) Ratio 1 : 1 1/2 : 3.				
		a) Columns	CFT	349.00	730	254,606.41
2	SCH/C4/ item no.6- a(i)/ P-16	REINFORCED CEMENT CONCRETE: Reinforced cement concrete work including all labour and material except the cost of steel reinforcement and its labour for bending and binding which will be paid separately. This rate also includes all kinds of forms moulds: lifting, shuttering, curing, rendering and finishing the exposed surface(including screening and washing of shingle) a) R.C work in roof slab, beams, columns, rafts, lintels and other structural members laid insitu or precast laid in position complete in all respects. (i) Ratio (1 : 2 : 4) 90lbs cement 2 Cft Sand 4Cft Shingle 1/8" to 1/4" gauge.	CFT	337.00	2269	764,558.64
3	SCH/C5/ ITEM no.5- 1(c)/ P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	2962.58	391,871.94
4	SCH/C5/ ITEM no.6-/ P-22	add extra labour in item no 5 for brick work in first floor(S.I.N 6 /P 22)	%Cft	438.63	2963	12,994.74
5	SCH/C9/ item no.11/ p-52	CEMENT PLASTER (INTERNAL): Cement plaster 1:4 upto 12' height. a) 3/8" thick b) 1/2" thick	%SFT %SFT	2,483.20 2,580.84	3028 3028	75,191.22 78,147.86
6	SCH/C9/ Rem no.11c/ P-52	CEMENT PLASTER (EXTERNAL): Cement plaster 1:4 upto 12' height. a) 3/8" thick b) 1/2" thick	%SFT %SFT	2,483.20 2,580.84	3131 3131	77,736.50 80,793.22
7	SCH/C9/ ITEM no.14/ p-56	COLOUR CRETE : Existing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	1,368.8	86,501.91


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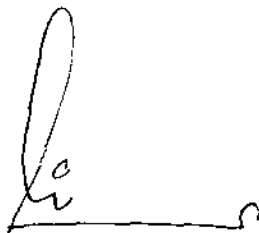
SCH/C9/ item no.36a/ P-55	MATT FINISH: Preparing the surface and painting with matt finish i/c rubbing the surface with Bathy (silicon carbide rubbing brick) filling the voids with zink/chaik / plaster of paris mixture, applying first coat premix, making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (new surface)	%SFT	1,989.62	3028	60,245.69
SCH/C9/ item no.36b/ P-55	(b) Second coat.	%SFT	727.38	3028	22,025.07
SCH/C9/ item no.23/ P-54	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling).	%SFT	442.75	1352	5,983.77
SCH/C9 item no.24b/ P-54	2 COATS DISTEMPER: Distempering b) Two Coats	%SFT	1,043.90	1352	14,108.31
SCH/C8/ item no.16d/ P-42	SCREEDING FOR ROOF: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: C) 3" thick	%SFT	4,411.82	2712	119,635.32
SCH/C7/ item no.41/ P-38	BITUMEN COATING: (FOR ROOF) Providing & fixing Bitumen felt paper of 60Lbs over roof i.e. cleaning of roof with wire brush and removing dust, applying bitumen coat at the rate of 34 Lbs per %sft as premix inter coats and then laying felt paper with 10% overlaps, then applying and spreading hill sand at the rate of 1 cft for 100sft the cost also i/e necessary fire material, kerosene oil, wood, etc.	P.SFT	54.70	2711.70	148,329.99
SCH/C7/ item no.22/ P-36	RAIN WATER DOWN PIPE : cast iron rain water down pipe fixed in place excludng heads and shoes but includings painting and clampes etc (b) 3" dia Cast Iron down pipe	Per Rft	420.56	75.00	31,542.00
SCH/C9/ item no.35/ P-55	Extra labour rate for making cement plaster pattas Extra labour rate for making cement plaster pattas/land around straight on carved opening and around the edges of tool slab the width not less than 6" with fine finishing as directed by engineer in charge.	Per Rft	19.36	526.70	10,196.91



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3	SCH/C17/ item no.1/ P-91	DOMESTEL: Small iron work such as gusset plate knees bends stirrups rings etc including cutting drillings reverting handling assembling and fixing but excluding erection in position (S.I.N 1 P 91)	P.CWT	6,420.61	11.74	75,368.50
3	SCH/C3 ITEM no.8/ P-17	TOR STEEL: Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars). B) Using Tor Bars				
		a) Horizontal and Vertical members	Cwt	5001.70	214.16	1,071,168
		PART-I FRIST FLOOR (SCHEDULE ITEMS) TOTAL IS =				3,381,006
		Schedule Items Total (G/F + F/F)				8,028,930
		NON SCHEDULE (PART II)				



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FOUNDATION

S.No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
		SR CEMENT: Providing and using sulphate resisting cement in place of ordinary portland cement in item of RCC..				
1	OR 01	Lean 1:4:8	Bags	60/-	76.64	4598.40
		Foundation Paid 1:2:4	Bags	60/-	263.52	15811.20
		Plinth Beam Ratio 1:2:4	Bags	60/-	163.64	9818.40
		Short Column Ratio 1:1.5:3	Bags	60/-	42.60	2556.00
		Situ Ratio 1:3:6	Bags	60/-	229.10	13746.00

48529.00



MUHAMMAD RAMZAN & CO:
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{Rs.

GROUND FLOOR

OR 01	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	285/- 228/-	634	180690-0
OR 02	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	281/- 225/-	80	22480-0
OR 03	VERONA MARBLE: Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size on stairs as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:2 setting mortar base including fillings the joints and washing the tiles with white cement, slurry current, finishing cleaning and polishing etc complete. (a) (12" x 12") for new work	SFT	205/-	352.00	72160-0
OR 04	RAILING Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement concrete 1:2:4 etc. 'complete in any	RFT	815/-	25.00	20375-0
OR 05	GYPSUM FALSE CEILING Gypsum board tiles (including all accessories i.e plum, T, angles & clips)	SFT	120/-	634	76080-0
OR 06	GLAZED BRICK: Machine made Gutca bricks tiles 2" x 2" x 9" i/c 10% wastage.	SFT	187/-	3105.00	580635-0

✓ TOTAL. (952420-0

EMMAD RAMZAN & CO:
Engineers & Contractors



FIRST FLOOR

(952420-0)

1.11

OR 01	PORCELAIN TILES : Providing and laying Porcelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	P.Sft	(285/-)	1749	(498465-0)
OR 02	PORCELAIN TILES SKIRTING: Providing and fixing Porcelain tile upto 3/8" thick of 8"x 10" (203mm x 254mm) size in dado and skirting in over 1/2" (13mm) thick base of cement mortar 1:3 setting of tiles in slurry of grey cement over mortar base including filling the joint with white cement and washing the tile, curing and cleaning etc. complete.	P.Sft	(281/-)	167	(46927-0)
OR 03	FACE BRICK: Machine made Gutca bricks tiles 2" x 2" x 9" i/c 10% wastage.	SFT	(187/-)	3130.50	(585403-0)
OR 04	ELECTRIC WELDING: Electric welding of MS or wrought iron	RFT	(533/-)	290.40	(154783-0)
OR 05	NUTS BOLTS: Providing and fixing 1/2" dia Nuts Bolts M.S Plat as per specification, drawings and directions of engineer in	Each	(121/-)	48.00	(5808-0)
OR 06	FERRO CEMENT: Providing and Laying Ferro cement concrete (1:2:4) 4" thick 100% shingle graded Shingle 1/4" to down gauge as per specification, drawing and directions of engineer in charge.	Sft	(212/-)	1276.00	(270512-0)
PART - II NON - SCHEDULE ITEM) TOTAL IS					(2514318-0)

SR

(46529-0)

(2560847-0)


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 Engineers & Contractors



PLUMBING WORK



**PLUMBING WORKS
SCHEDULE OF ITEM**

Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
SCH/C1/ ITEM 22/P-5)	Providing & fixing 1/2" dia, lead connection complete with a 1/2" dia brass stop cock, two brass nuts & lining jointed to lead pipe with plumber wiped solder joints 1/2" inches lead pipe to be of not less than 4lbs per lineal yard	Each	869.70	2.00	1,379
SCH/C3/ ITEM 12/P-8)	Providing & fixing M.S. clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S. bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building.	Each	72.16	8.00	577
SCH/C3/ ITEM 14/P-10).	Providing & fixing M.S. clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S. bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building	Each	264.00	8.00	2,112
SCH/C3/ ITEM 12(b)/P-18).	(b) S/Fixing concealed Tee stop cock of superior quality with c.p head 1/2" dia	Each	889.46	4.00	3,558
SCH/C3/ ITEM 13(b)/P-19).	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia	Each	1109.46	4.00	4,438
SCH/C3/ ITEM 1(i)/P-24	Supplying & fixing 6" x 4" earthen gully trap with 4" outlet complete with 4" thick 1:2:4 C.C for bed & 1/2 thick cement plaster (1:3) to the kerb C.I grating 6" x 6" and C.I. cover and frame 12"x12" (inside) etc Complete (b) earthen ware glazed gully trap(a) (i) 6"x6"x4" (i) With C.I Cover and Frame	Each	1220.67	4.00	4,883
SCH/C2/ ITEM 1/P-46).	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6" (1067mm) depth with walls of B.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole Cover with Frame of Clear opening 1-1/2' x 1-1/2' (457x457 mm) of 1.75 cwt (88.9) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6" (150 mm) Wide Projecting 4" (102mm) from the face of wall at 12" (305 mm) C/C duly Painted Etc. Complete as per standard Specification and Drawing. (a) 4" to 12" dia 2'x2'x3'-6"	Each	14748.00	4.00	58,992
SCH/C2/ ITEM 1(a)/P-7	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P brass Screws.(i) Towel rail 36" long (a) 3/4" dia round or square (standard pattern)				

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Each	271.92	2.00	544
Each	271.92	2.00	1,251

Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern)	Each	4253.70	2.00	8,507
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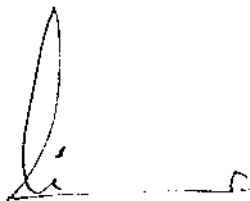
Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint, a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern)	Each	21989.61	2.00	43,979
Total				167,632

MUHAMMAD RAMZAN & CO
Engineers & Contractors



2) NON SCHEDULE OF ITEM

Sl No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		(Rs.)
(B) NON SCHEDULE OF ITEM (B), PLUMBING WORKS						
	OR 1	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
		(a) Elbow / Bend 110 mm or 4" dia	Each	7042/-	3	21126-0
		(b) Elbow / Bend With Door 110 mm or 4" dia	Each	8156/-	2	16312-0
		(c) Tee 110 mm dia	Each	14637/-	2	29274-0
		(d) Socket 110 mm dia	Each	1448/-	3	4344-0
		(e) UPVC Tee With Door 110 mm dia	Each	9999/-	4	39996-0
	OR 2	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc.				
		(a) Elbow / Bend 75 mm or 3" dia	Each	5651/-	3	16953-0
		(b) Tee 75 mm dia	Each	5801/-	2	11602-0
		(c) Socket 75 mm dia	Each	997/-	3	2991-0
		(d) UPVC Tee With Door 75 mm dia	Each	8025/-	1	8025-0
	OR 3	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required. (for cold water pipe)				
		(a) 20mm (3/4") dia PPR	Rft	102/-	50	5100-0
		(b) 1 mm (1")	Rft	132/-	45	5940-0
		(d) 38 mm (1-1/2") dia	Rft	479/-	35	16765-0
	OR 4	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 4" dia (110 mm) etc complete.	Rft	573/-	50	28650-0
	OR 5	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 3" dia (75 mm) etc complete.	Rft	300/-	40	12000-0
	OR 6	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (4" dia) on top of vent pipe.	Each	563/-	2	1126-0
	OR 7	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (3" dia) on top of vent pipe.	Each	507/-	2	1014-0
	OR 8	Providing & fixing UPVC floor trap (DADEX or approved by engineer incharge) with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a UPVC Grating with or without a vent arm i/c cost of making requisite number of holes in walls plinth and floor for pipe connections and making good cement concrete 1:2:4.	Each	815/-	2	1630-0
	OR 9	Providing UPVC pipe with collars class "B" and digging the trenches to required depth and fixing in position i/c cutting, fitting & jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff.				
		4" dia RUC Pipe Class B	Rft	1269/-	100	126900-0
TOTAL AMOUNT IS NON SCHEDULE OF ITEM						349748-0



MUHAMMAD RAMZAN & CO:
Engineers & Contractors



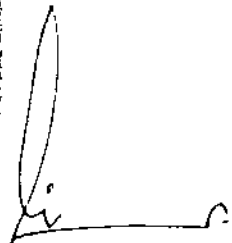
ELECTRICAL WORK



CONSTRUCTION OF MAIN GATE AT

MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA
SCHEDULE ITEM ELECTRICAL WORKS

DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
Wiring for light or fan point with (3/.029) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as required	Point	1130	58	65540
Wiring for plug point (3/.029) PVC insulated wire in 20mm (3/4") PVC conduite recessed in the wall or column as/ require required	Point	985	20	19700
PLaying (Main or Sub Main) Pvc insulated with 4 core copper conductor 600/1000 volts size (16mm ²) in 40mm (1.5") dia PVC conduite under ground From Supply Point to DB	Mtr	1300	50	65000
Providing and fixing one way sp 5 amp switch flush type	No.	54	58	3132
Providing and fixing two pin 5 amp plug & socket	No.	80	8	640
Providing and fixing three pin 5 amp plug & socket	No.	91	12	1092
Providing and fixing bakelite ceiling rose with two terminals	No.	72	2	144
Providing & Fixing Brass batten holder	No.	70	36	2520
Providing and fixing brass ceiling fan 56" good quality	No.	3185	6	19110
Total				176,878.0



MUHAMMAD RAMZAN & CO
Engineers & Contractors



OR-1	Providing and fixing bulk head fitting with brass holder and glass cover including 25 w Saver lamp	No.	680/-	4	2720
OR-2	Providing and fixing energy saver 25 w superior quality	No.	355/-	36	12780
OR-3	Providing and fixing on wall Flood light 150 w (HPIT) having ip 65 classification with 150 w lamp, choke, capacitor, igniter & internal wiring complete in all respect as required or instruction of E.I	No.	18255/-	4	73020
OR-4	Providing and fixing 4 1/2" x 4 1/2" ms di casted powder coated recessed type fan clamp box with 3/8" dia ms bar fan clamp fixed on roof at casting time as required	No.	391/-	6	23460
OR-5	Providing and fixing 6 A fan dimmer fixed on plastic or fiber top cover sheet on 14 swg metal board recessed in the wall or column including connection	No.	406/-	6	24360
OR-6	Providing and fixing 30 cm (12") sweep metallic body exhaust fan complete with blades, motor, shutter etc including making hole in the wall & connection with 14.0076 flexible wire complete as required Millat / Pak / Asia / Climas / Younas / Royal.	No.	3695/-	2	7390
OR-7	Providing and fixing Earthing set with 2'x2'x1/8" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (salt & charcoal, or earthing chemical powder) etc. making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 2x8 SWG copper wire in 1/2" dia GI conduit complete in as respect as required.	Job	28336/-	1	28336
OR-8	Providing and fixing donkey pump 1 hp having suction and delivery 1" x 1" complete with motor, mounted on fixed frame as approved including wiring with 2.5 mm2 pvc insulated wire	No.	24640/-	1	24640
OR-09	Providing and instaling electric water cooler large size with filter (imported) including 1.5 kw Stebi lizer	No.	25867/-	1	25867

Total :- 177110
4123

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MUHAMMAD RAMZAN & CO
Engineers & Contractors



0 Providing & fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder coated paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pel, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).

Incoming:-

30 A TP Mccb 01 No (Terasaki)

Indicating lamp 01 No

Out going:-

10 A SP mcb 09 nos

25 A SP mcb 04 nos

No.

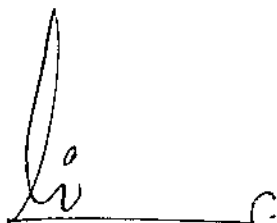
34/115/-

1

34/115/-

TOTAL AMOUNT OF NON SCHEDULE ITEMS 44643/-

=213/-



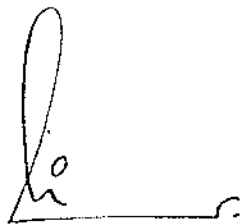
MUHAMMAD RAMZAN
Engineers & Contractors

EXTERNAL DEVELOPMENT



**BILL OF QUANTITIES OF
CONSTRUCTION OF MAIN GATE AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
EXTERNAL DEVELOPMENT**

No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
1	SCH/C1/ item no.18b/ P-4	Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-4) (for foundation)(a) In Hard Soil or soft murum	%0Cft	3554.38	456	1621
2	SCH/C4/ item no.4b/P- 15	Cement concrete brick or stone ballast 1-1/2" to 2" guage @ Ratio 1:4:8.S.I.N O.4(b)/ P-15	%Cft	9416.28	252	23729
3	SCH/C5/ item no.29/P- 26	Supplying and filling sand under floor and plugging in walls.s.no.29/ P-26	%Cft	1141.25	252	2876
4	SCH/C8/ item no.73/P- 49	P/F Cement paving blocks flooring having size of 197 x 97 x 80 (mm) of city / quddra / cobble shape with natural colours, having strength b/w 5000 PSI to 8500 PSI i/c filling the joints with all stand and laying in specified manner/patter and design etc complete. (S.I No. 73 P-49).	P.Sft	248.17	504	125078
SUB TOTAL						153,303



MUHAMMAD RAMZAN & CO:
Engineers & Contractors



**BILL OF QUANTITIES OF
CONSTRUCTION OF MAIN GATE AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA
ROADS AND PATHS**

SCHEDULE OF ITEM

Item #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
SCH/C1/ item no.4/P-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 (throw work) (In ordinary Soil)	%0Sft	1437	51171	73,511
SCH/C1/ item no.2/P-1	compaction of natural Groud up to a depth of 20cm (8"ches) below the natural ground level compacted upto 90% density modified AASHTO.	%Sft	177.56	44262	78,111
SCH/C1/ item no.11b/P-3	Preparing sub base by supplying and spreading stone metal 1-1/2" - 2" gauge of approved Quality from approve quarry in required from approve quarry in required thickness to proper camber and grade including hand packing mixed with shingle pit run gravel finesse having P.I of not more than 6% in the Ratio 2:3 Including Watering and compacting to achieve 98-100% density as per Modified AASHO Specification (Rate Including All cost Of Material T&P and Carriage up to 3 Chains	%Cft	3380.43	17057	576,111
SCH/C3/ item no.13A/P-5	Preparing base course i/c supplying and spreading stone (A) metal of approved quality properly graded to maximum size of 1-1/2" in required thickness to proper camber and grade including supplying and spreading 15-cft screenings and non plastic quarry fines filling depressions with stone metal after initial rolling Including watering and compaction the same so as to achieve 100% density as per modified AASHO specifications (Rate includes Providing and using templates camber plate screen from as directed (rate include all cost of materials T&P and carriage up to 3 chains)	%Cft	5252.41	17057	895,111
SCH/C5/ item no. 19 c/P-26	supplying and filling sand under floor and plugging in walls	%Cft	1141.25	1848	21,011
SCH/C1/ item no.22/P-4	Filling, watering and ramming earth under floor with new earth excavated from outside lead upto the one chain and lift upto 5 ft. (S.I. No. 22/P-4).	%0Cft	3630	2518	9,111
SCH/C7/ item no.13/P-15	Pavement Marking Paint Reflective tharmo plastic paint for lines of 6" Width	P.Rft	41.24	1701	7,111
SCH/C8/ item no.73/P-50	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 80 (mm) of city/quddra/cobble shape with natural colours, having strength b/w 5000 psi to 8500 psi i/c Filling the joints with hill sand and laying in specified manner/pattern and design etc: complete. (S.I.N 73/P-50)	P.Sft	223.97	34114	7,640,111
SCH/C8/ item no.72/P-49	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 60 (mm) of city/quddra/cobble shape with natural colours, strength b/w 5000 psi to 8500 psi i/c Filling the joints with hill sand and laying in specified manner/pattern and design etc: complete. (S.I.N 72/P-49)	P.Sft	223.97	10148	2,271,111
SCH/C11/ item no.14/P-16	Providing & Fixing precast Edge Block 3750 PSI Industrial made Reincluding the cost of cartage excavation, form work for haunching, 1450 PSI lean concrete, 2250 PSI concrete for 6 inches thick x 12 inches long x 12 inches high haunching, 1:4 cement sand mortar.	P.Rft	297.01	2221	659,111
PART-A (SCHEDULE ITEMS) TOTAL IS =					12,297,911

Sl. No.	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
STEEL GRILLS					
SCHEDULE ITEMS					
Sl. No.	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
24/C1/ No. 18 P-4	EXCAVATION: Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-5) (for foundation)	%Cft	3176.25	1520	4,828
24/C18/ P-15	LEAN CONCRETE (1:4:8): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (b) Ratio 1:4:8).	%Cft	11288.75	380	42,897
24/C4/ ITEM P-15	G.C. PLAIN (1:2:4): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (f) Ratio 1:2:4	%CFT	14429.25	798	115,145
24/C4/ ITEM P-15	G.C. PLAIN(1:3:6): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%CFT	12595.00	1710	215,375
24/C4/ ITEM P-18	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (ii) vertical b) For CC plain below external plinth beam.	%SFT	3127.41	5776	180,639
24/C5/ P-24 no. 5- P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	235	31,101
24/C9/ ITEM P-56	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	3610	228,134
24/C11/ ITEM P-5d/ P-10	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
	Primer coat	%SFT	521.95	3563	18,594
	Each subsequent coat of paint.	%SFT	374.44	3563	13,339
PART-B (SCHEDULE ITEMS) TOTAL IS =					850,053
SUB TOTAL PART-A + B (SCHEDULE ITEMS) =					13,147,960


MUHAMMAD RAMZAN & CO
 Engineers & Contractors

Seri #	Description of Item	Unit	Rate	Qty	Amount
			(Rs.)		
NON SCHEDULE ITEMS					
081	IRON STEEL GRILL: Providing and fixing iron grills with required section of flat iron as per approved design with Sq bars 3/4" x3/4" including welding all sides of the section at the junction, and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work. as per Direction of Engineer incharge	KG	(240/-)	112 11248.00	26880- 2699520=
PART-C (NON SCHEDULE ITEMS) TOTAL IS =					2699520-0



 MUHAMMAD RAMZAN & CO
 Engineers & Contractors


Bid Evaluation Report


1. Name of Procuring Agency: **Shaheed Mohtarma Benazir Bhutto Medical University, Larkana.**
2. Tender Reference No: **No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018.**
3. Tender Description/Name of work/item: **CONSTRUCTION OF INTERNAL ROADS AND PATHWAYS AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA**
4. Method of Procurement: **Domestic/ Local.**
5. Tender Published: **SPPRA Web Site on 08-01-2018. On University website 08-01-2018**
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).
6. Total Bid documents Sold:- **04 Nos.**
7. Total Bids Received: **03 Nos.**
8. Technical Bid Opening date: (if applicable) **Not Applicable** (Provide details in separate form)
9. No. of Bid technically qualified (if applicable): **Not Applicable.**
10. Bid(s) Rejected: **Nil.**
11. Financial Bid Opening Date: **24-01-2018.**
12. Bid Evaluation Report:
13. Estimated Cost:- **Rs: 45,694,950.00**

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Jatoi & Company Larkana	Rs: 45,124,018.00	1 st	- 1.249% (Below)	Acceptable due to 1 st lowest.	
2.	M/s Zahid Ali Jatoi Larkana	Rs: 53,062,892.00	2 nd	+ 1.214% (Above)	2 nd Lowest	
3.	M/s OM Parkash M. Kundnani Larkana	Rs: 54,946,848.00	3 rd	+5.337 % (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
Assistant Engineer
Board of Intermediate & Secondary
Education Larkana


Sarfraz Ahmed Tunio
Accounts Officer
SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
Executive Engineer
SMBB Medical University, Larkana



Executive Engineer

SHAHEED MOHTARMA
BENAZIR BHUTTO

MEDICAL UNIVERSITY LARKANA

No. SMBBMU/XEN/785 / Dated: 23 /04/ 2018

"SAY NO TO CORRUPTION"

M/s. Jatoi & Company
HYDERABAD

LETTER OF ACCEPTANCE /INTENT

SUBJECT: - **CONSTRUCTION OF INTERNAL ROADS AND PATHWAYS AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL
UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of **Rs. 45,124,018/- (Rupees Forty Five Million One Hundred Twenty Four Thousand Eighteen Only)** has been accepted by the University Authorities being lowest in competition.

❖ ***NO PREMIUM SHALL BE PAID ON QUOTED RATES.***

❖ ***NO CARTAGE SHALL BE PAID SEPARATELY.***

❖ ***NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.***

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Accepted



M/S JATOI & COMPANY
Government Contractor

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.



SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY LARKANA

Executive Engineer

No. SMBBMU/XEN/ 79/ Dated: 24/04/ 2018

“SAY NO TO CORRUPTION”

M/s. Jatoi & Company
HYDERABAD

WORK ORDER

SUBJECT: - **CONSTRUCTION OF INTERNAL ROADS AND PATHWAYS AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL
UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I Tender for the above mentioned work amounting to Rs. 45,124,018/- (*Rupees Forty Five Million One Hundred Twenty Four Thousand Eighteen Only*) being the 1st Lowest in competition.

- (i) Sindh Government Composite Schedule of Rates 2012 (Civil Works).
@ 10% Above (Ten Percent Above)
- (ii) Non Schedule Items (Civil Work) Rs: 48,548/-
- (iii) Sindh Government Composite Schedule of Rates 2012 (Electric Works).
@ 10% Above (Ten Percent Above)
- (iv) Non Schedule Items (Electric Works) Rs: 3,080,080/-

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule “B”/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule “B” of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work inforce from 2012.
7. The work should be executed strictly in accordance with the specification and approved design and in conformity with the Schedule of progress appended to / appearing in clause 2 of the Contract Agreement. In the event of failure you will have to pay compensation to the Government as per terms and conditions of your contract agreement.
8. No cartage charges of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid
9. No premium shall be paid on Non- Schedule items.
10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.

11. All RCC/CC cost in situ shall be mechanically vibrated.
12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities & to start the work at site and complete the work within (12) Twelve Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana..
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

**TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF
WORKS, SERVICES & GOODS**

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University Larkana
- 2) PROVINCIAL / LOCAL GOVT. / OTHER Autonomous (Other)
- 3) TITLE OF CONTRACT Construction of Internal roads & Pathways
- 4) TENDER NUMBER (S) No. SMBBME, XEN / 791 / Dated, 24-04-2018
- 5) BRIEF DESCRIPTION OF CONTRACT _____
- 6) FORUM THAT APPROVED THE SCHEME Vice Chancellor SMBBMC, Larkana
- 7) TENDER ESTIMATED VALUE Rs. 45,694,950
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) Twelve Months (12)
- 10) TENDER OPENED ON (DATE & TIME) 24-01-2018 at 01:00Pm
- 11) NUMBER OF TENDER DOCUMENTS SOLD 04 (Four)
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 03 (Three)
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS (03) Three
- 14) BID EVALUATION REPORT Copy Attached
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s Jatai & Company Hyderabad
- 16) CONTRACT AWARD PRICE Rs. 45,124,018/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). M/s Jatai & Company Hyderabad
M/s Zahid Ali Jatai Larkana
M/s OM Parkash M. Kundhani Larkana
- 18) METHOD OF PROCUREMENT USED : - (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE Yes ☒ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____ ☒
- c) TWO STAGE BIDDING PROCEDURE _____ ☒
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____ ☒

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT Vc. SMIBMU, Loh Kone

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 Date 8/1/2018
No	

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

Yes	Jung 6/1/2018 Dawn 6/1/2018
No	Maawish 6/1/2018

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	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	No

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

Yes	
No	No

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

Yes	
No	No

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	No

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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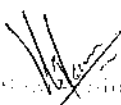
37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	No

Signature & Official Stamp of
Authorized Officer



SPPRA, Block No. 8, Sindh Secretariat No. 4-A, Court Road, Karachi
Tel: 021-9205356; 021-9205369 & Fax: 021-9206291

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291



**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY
LARKANA**

**BILL OF QUANTITIES FOR
CONSTRUCTION OF
ROADS AND PATHWAYS**

CONSULTANTS



ESS.I.AAR

Planning, Engineering & Services Consultants



**BILL OF QUANTITIES OF
CONSTRUCTION OF INTERNAL ROADS**

AT

**HAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA**

No	ITEMS OF WORKS	COST (Rs.)
1	CONSTRUCTION OF INTERNAL ROADS AND PATHWAYS	499,38,750
	TOTAL AMOUNT	499,38,750

Rs=45,124,018/- ✓

(Rupees Forty Five Million One Hundred Twenty Four Eighteen only)

SEAL

Seal and Sign of Client

M/S JATOLI SEAL COMPANY
Government Contractor

Seal and Sign of Contractor

**BILL OF QUANTITIES OF
CONSTRUCTION OF INTERNAL ROAD
AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA**

	Description	Cost
A	Cost Summary of Road Works	
	Civil Works	
	Schedule Items	33,690,208 ✓
	<u>10</u> % Premium on Schedule Items	(3369020) ✓
	Non Schedule Items	(= 48,548 / 3) 4863280 ✓
	TOTAL OF A	37,107,776 / 21922508.00 ✓
B	EXTERNAL ELECTRIFICATION	
	Schedule Items	4,487,420 ✓
	<u>10</u> % Premium on Schedule Items	(448742) ✓
	Non Schedule Items	(3086080) ✓
	TOTAL OF B	(8,016,242) ✓
	GRAND TOTAL OF A+B =	(= 49938750) ✓

RS=45,124,018 / =

M/S JATON COMPANY
Government Contractor



**BILL OF QUANTITIES OF
CONSTRUCTION OF INTERNAL ROADS & PATH
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA**

SCHEDULE OF ITEM						
S.No	Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
PART A INTERNAL ROAD						
1	SCH/C1/ item no.4/P-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 (throw work) (in ordinary Soil)	%0Sft	1437	42183	60,617
2	SCH/C1/ item no.2/P-1	compaction of natural Groud up to a depth of 20cm (8"ches)below the natural ground level compacted upto 90% density modified AASHTO.	%Sft	177.56	28122	49,933
3	SCH/C1/ item no.11b/P-3	Preparing sub base by supplying and spreading stone metal 1-1/2" - 2" gauge of approved Quality from approve quarry in required from approve quarry in required thickness to proper camber and grade including hand packing mixed with shingle pit run gravel finesse having P.I of not more than 6% in the Ratio 2:3 including Watering and compacting to achieve 98-100% density as per Modified AASHTO Specification(Rate Including All cost Of Material T&P and Carriage up to 3 Chains	%Ch	3380.43	14061	475,322
4	SCH/C3/ item no.13A/P-5	Preparing base course i/c supplying and spreading stone (A) metal of approved quality properly graded to maximum size of 1-1/2" in required thickness to proper camber and grade including supplying and spreading 15 cft screenings and non plastic quarry fines filling depressions with stone metal after initial rolling including watering and compaction the same so as to achieve 100% density as per modified AASHTO specifications (Rate includes Providing and using templates camber plate screen from as directed (rate include all cost of materials T&P and carriage up to 3 chins)	%Ch	5252.41	14061	738,541
5	SCH/CS/ item no. 29 C/P-26	supplying and filling sand under floor and plugging in walls	%Ch	1141.25	4665	53,244
6	SCH/C2/ item no.k 1 C/P-34	Laying Rcc pipe & collars of class A and fixing in trench i/c cutting fitting and jointing with asphalt composition and cement mortar (1:1) i/c testing with water to a head of 4.5 meter or 15 Ft C)150mm 6" dia	Rft	28.8	1424	41,010
7	SCH/C11/ ITEM. 1/P-46.	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6"(1067mm) depth with walls of 8.B in cement sand mortar 1:3 cement plastered 1:3, 1/2" thick inside of walls and 1" (25mm) thick over benching and channel i/c fixing C.I manhole Cover with Frame of Clear opening 1-1/2' x 1-1/2' (457x457 mm) of 1.75 cwt (88.9) embedded in plain C.C 1:2:4 and fixing 1" (25mm) dia M.S Steps 6' (150 mm) Wide Projecting 4" (102mm) from the face of wall at 12" (305 mm) C/C duly Painted Etc. Complete as per standard Specification and Drawing. (a) 4" to 12" dia 2'x2'x3'-6"	Each	14748	90	1,330,739
8	SCH/C8/ item no.73/P-50	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 80 (mm) of city/quddra/cobble shape with natural colours,having strength b/w 5000 psi to 8500 psi i/c Filling the joints with hill sand and laying in specIed manner/pattern and design etc: complete.(S.I.N 73/P-50)	P.Sft	223.97	109773	24,585,935
PART-A (SCHEDULE ITEMS) TOTAL IS =						27,335,341

M/S JATON
Government Contractor



S.No	Item #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
PART B WALK WAY						
1	SCH/C1/ item no.22/P-4	Filling, watering and ramming earth under floor with new earth excavated from outside lead upto the one chain and lift upto 5 ft.(S.I. No. 22/P-4).	%0Cft	3630	13344	48,439
2	SCH/C1/ item no.7a/P-2	Earth work compaction by sheep foot roller and power roller with optimum moisture content. (A) For 95-100% modified AASHO Density	%0Cft	3975.35	13344	53,047
3	SCH/C5/ item no. 29 c/P-26	supplying and filling sand under floor and plugging in walls	%Cft	1141.25	567	6,472
4	SCH/C1/ item no.12/P-4	Laying brick on end edging including supplying 9" x 4-1/2"x3" first class bricks excavation for laying edging with small side parallel to the road (rate includes lead up 3 chains)	%Rft	2482.94	395	9,808
5	SCH/C7/ item no.13/P-15	Pavment Marking Paint Reflective thermo plastic paint for lines of 6" Width	P.Rft	41.24	4519	186,347
6	SCH/C8/ item no.72/P-49	Providing & Fixing cement paving blocks Flooring having size of 197 x 197 x 60 (mm) of city/quaddra/cobble shape with natural colours,strength b/w 5000 psi to 8500 psi i/c filling the joints with hill sand and laying in specified manner/pattern and design etc: complete.(S.I.N 72/P-49)	P.5ft	223.97	13344	2,988,656
7	SCH/C8/ item no.14/P-16	Providing and Fixing Precast Edge Block 3750 PSI industrial made size 6 inches thick x 12 inches long x 12 inches high including the cost of Cartage, excavation, form work for haunching, 1:4 cement sand mortar.	P.Rft	297.01	4519	1,342,066
PART-A (SCHEDULE ITEMS) TOTAL IS =						4,634,834

M/S JATON COMPANY
Government Contractor

S.No	Item #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
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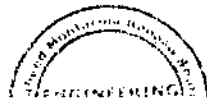
**PART C STEEL GRILLS
SCHEDULE ITEMS**

S.No	ITEM #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
1	SCH/C1/ (S.I. No. 18 (b)/P-4)	EXCAVATION: Excavation in foundation of building bridges and other structures including daggelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-5) [for foundation]	%Cft	3176.25	3072	9,757
2	SCH/C18/I T&MSi/P-16)	LEAN CONCRETE (1:4:8): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (b) Ratio 1:4:8	%Cft	11288.75	768	86,698
3	SCH/C4/ ITEM no.5f/ P-16	C.C. PLAIN (1:2:4): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (f) Ratio 1:2:4	%Cft	14429.25	1617	233,321
4	SCH/C4/ ITEM no.5h/ P-16	C.C. PLAIN(1:3:6): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%Cft	12595.00	3456	435,283
5	SCH/C4/ ITEM no.19b(ii)/ P-19	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (ii)vertical b)For CC plain below external plinth beam.	%Sft	3127.41	11682	365,344
6	SCH/C5/ ITEM no.5- 1(c)/ P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	480	63,430
7	SCH/C9/ ITEM no.44/ P-56	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%Sft	6319.50	7296	461,071
8	SCH/C11/ ITEM no.5d/ P-70	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
	(i)	Primer coat	%Sft	521.95	7266	37,923
	(ii)	Each subsequent coat of paint.	%Sft	374.44	7266	27,205
PART-C (SCHEDULE ITEMS) TOTAL IS =						1,720,032
SUB TOTAL PART-A+B+C (SCHEDULE ITEMS) =						33,690,208

NON SCHEDULE ITEMS

1	OR 1	IRON STEEL GRILL: Providing and fixing iron grills with required section of flat iron as per approved design with Sq bars 3/4" x3/4" including welding all sides of the section at the junction, and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work, as per Direction of Engineer Incharge	KG	212	229	4863280
PART-C (NON SCHEDULE ITEMS) TOTAL IS =						4863280

M/S JAT...
Government Contractor



ELECTRICAL WORK

**BILL OF QUANTITIES OF
CONSTRUCTION OF INTERNAL ROADS & PATH
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA
SCHEDULE ITEM ELECTRICAL WORKS**

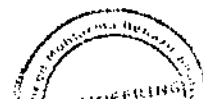
ITEM #	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
SCH/C3/ ITEM 137/ P- 17	Providing & Fixing ms tubular pole 31ft long buried in the ground as per following specification 20 ft (6" dia) x 5.5 ft (5" dia) x 5.5 ft (4" dia) = 31 ft wall thickness 8 swg base plate 16"x16"x 1/4" two coats of red oxide as rust preventive two coats oil paint excavation of hard/soft soil 2'x2'x6' lean size 2'x2'x6" with 1:4:8 ratio cc work 1:3:6 ratio cost in situ in one mold (1 1/2' dia) including form work roding curing etc. complete with cc color about 2ft high from ground level dully plastered as per site requirement and instruction of EI.	Nos	26956	74	1994744
SCH/C5/ ITEM 156/ P- 23	Manufacturing providing and fixing GI pipe bracket in hexagonal shape to accommodate 6 nos street light fittings 250w/400w with following specification as per site requirement and instruction of EI GI pipe 2" dia lenth 3ft 6nos conopy 5" dia 1ft long with nuts over all dia 18ft	Nos	8372	3	25116
SCH/C1/ ITEM 99/ P-12	P/Laying (Main or Sub Main) Pvc insulated & pvc shethed with size 4 core copper conductor 300/500 4mm ² (from Main DB to 5 nos DBS)	Mtr	361	2500	902500
SCH/C1/ ITEM 103/ P- 12	P/Laying (Main or Sub Main) Pvc insulated & Pvc sheathed with size 4 core coper conductor 600/1000 volts size 25mm ² from (Supply point to Main DB)	Mtr	1909	100	190900
SCH/C7/ ITEM 108/ P- 26	Providing & Fixing of flood light 250 w (HPIT) having IP 65 classification with 250w lamp, choke, capacitor, ignater and internal wiring complete in all respect at the height upto 40ft with the help of hyduralic crane and manual labour as per site requirment and instruction of EI. (on existing pole)	Nos	15440	89	1374160
TOTAL AMOUNT OF SCHEDULE ITEMS					4,487,420

ITEM #	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
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NON SCHEDULE ITEM ELECTRICAL WORKS

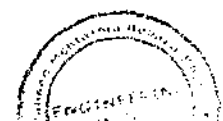
ITEM #	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
OR-1	P/Laying (Main or Sub Main) Pvc insulated with size 2x1.5 mm ² copper conductor in Tubular Pole From Junction Box to Flood Light through given circuit breaker 6 A SP including making connection as required	Mtr	215	900	193500/2
OR-2	Providing and fixing for cable laying or crossing or as an extention pipe to feed on another including cutting, hole and making the surface good complete as required 1" dia	Mtr	500	2500	1250000/2
OR-3	Providing and fixing for cable laying or crossing or as an extention pipe to feed on another including cutting, hole and making the surface good complete as required 1 1/4" dia	Mtr	620	100	62000/2
OR-4	Providing & Fixing circuit breaker 6 A SP in tubular pole	Nos	1100	71	78100/2
OR-5	Providing & Fixing circuit breaker 10 A TP in tubular pole	Nos	6500	3	19500/2
OR-6	Providing & Fixing Junction Box on tubular pole as per size 8"x6"x5" metallic box 16 SWG thick clamp nuts bolts etc. dully painted two coats of anamel paint after applying red oxide paint as required	Nos	1020	74	75480/2
OR-7	Manufacturing providing & fixing GI single arm pole arch as per site requirment instuction of EI following specification GI pipe 2" dia 10 SWG 5' long 2 nos ms clamps with nuts & bolts	Nos	1400	71	99400/2
OR-8	Providing & Fixing Earth copper Rod 3/4" dia 10 ft long directly drive in the soil by hammering including fixing necessary clamp and earth lead 8 SWG connected to the foundation bolts of three tubular Poles apart as required	Nos	15000	25	375000/2
OR-9	Providing & Fixing Earth copper Rod 3/4" dia 10 ft long directly drive in the soil by hammering including fixing necessary clamp and earth lead 8 SWG connected to the Distribution Board as required	Nos	15000	1	15000/2
OR-10	Providing and instaling photo electric EE8123-821 50 Hz (Day light switch load capacity 3 A) on single light pole including making connection Flood light to operate the flood light off/on in night time automatically (Panasonic)	Nos	7540	71	535340/2

M/S JATOI & SONS
Government Contractor



DATE	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
C-11	Providing and installing photo electric EE8020-821 230V 50 Hz (Day light switch load capacity 10 A) all six poles on pole including making connection with floor switch to operate the lights off/on in day & night automatically (Panasonic)	Nos	10920	3	32760/-
MA	<u>DISTRIBUTION BOARD</u>				
C-12	Providing & Fixing, testing, commissioning cubical type metal sheet distribution board floor mounted on suitable foundation with locking arrangement including quoted paint including all fastening including wiring with suitable gauge PVC cable in all respect (Pel, Libra, Rco, Industrial Power Tech, Global Tech). 1. 100 amp 5 ka 01 NO 2. 100 amp with selector 01 no 3. 100 amp with selector 01 no 4. 100 amp 03 NO 5. 100 amp 5 NO	No.	114500	1	114500/-
R-13	<u>DISTRIBUTION BOARD</u>				
R-13	Providing & Fixing, testing, commissioning cubical type metal sheet distribution board floor mounted on suitable foundation with locking arrangement including quoted paint including all fastening including wiring with suitable gauge PVC cable in all respect (Pel, Libra, Rco, Industrial Power Tech, Global Tech). 1. 100 amp 5 ka 01 NO 2. 100 amp with selector 01 no 3. 100 amp with selector 01 no 4. 100 amp 03 NO 5. 100 amp 5 NO	No.	45900	5	229500/-
Total Amt					3080580/-

M/S JATCO COMPANY
Government Contractor



2. Tender Reference No: No. SMBBMU/XEN/2017/677, Dated: 5th January, 2018.

3. Tender Description/Name of work/item: REHABILITATION OF GYMNASIUM AND TENNIS COURT AT SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.

4. Method of Procurement: Domestic/ Local.

5. Tender Published: SPPRA Web Site on 08-01-2018. On University website 08-01-2018
Print & Electronic Media (SPPRA Serial No.36048, Dated: 08-01-2018).

6. Total Bid documents Sold:- 04 Nos.

7. Total Bids Received: 03 Nos.

8. Technical Bid Opening date: (if applicable) Not Applicable (Provide details in separate form)

9. No. of Bid technically qualified (if applicable): Not Applicable.

10. Bid(s) Rejected: Nil.


11. Financial Bid Opening Date: 24-01-2018.


12. Bid Evaluation Report:


13. Estimated Cost:- Rs: 11,835,049.00

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	4	5	6
1.	M/s Nabi Builders & Co	Rs: 12,169,207.00	1 st	+2.823 % (Above)	Acceptable due to 1 st lowest.	
2.	M/s Zahid Ali Jatoi Larkana	Rs: 12,948,485.00	2 nd	+9.408% (Above)	2 nd Lowest	
3.	M/s OM Parkash M. Kundnani Larkana	Rs: 13,122,889.00	3 rd	+ 10.882% (Above)	3 rd Lowest	

Signatures of the Members of the Committee.


Engr. Ghulam Murtaza Noonari
Assistant Engineer
Board of Intermediate & Secondary
Education Larkana


Sarfraz Ahmed Tunio
Accounts Officer
SMBB Medical University, Larkana


Engr. Kaleemullah Shaikh
Executive Engineer
SMBB Medical University, Larkana



Executive Engineer

No. SMBBMU/XEN/787 / Dated: 23 /04/ 2018

"SAY NO TO CORRUPTION"**M/s. Nabi Builders & Co**
LARKANA**LETTER OF ACCEPTANCE /INTENT****SUBJECT: - REHABILITATION OF GYMNASIUM AND TENNIS COURT AT
CHANDKA MEDICAL COLLEGE OF SHAHEED MOHTARMA
BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**


Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

Gentleman

I am pleased to inform you that your Item/ Percentage rate tender for execution of the above subjected work consisting the scope attached herewith, at the cost of **Rs. 11,804,131/-** (*Rupees Eleven Million Eight Hundred Four Thousand One Hundred Thirty One Only*); has been accepted by the University Authorities being lowest in competition.

❖ NO PREMIUM SHALL BE PAID ON QUOTED RATES.**❖ NO CARTAGE SHALL BE PAID SEPARATELY.****❖ NO ESCALATION ON ANY MATERIAL SHALL BE PAID SEPARATELY.**

You are, therefore, advised to please to attend the office of the undersigned within Seven(07) days for executing the agreement duly adhesive stamped for completing the other formalities so that the Work Order may be issued. However the work will be executed under the supervision of Assistant Engineer (Civil), SMBB Medical University, Larkana and Assistant Engineer (Electrical) SMBBMU, Larkana.

*Received**Signature*
ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER**Copy f.w.c.s to the:**

1. The Registrar SMBBMU, Larkana.
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.



Executive Engineer

No. SMBBMU/XEN/ 793 Dated: 24/04/ 2018

“SAY NO TO CORRUPTION”

M/s. Nabi Builders & Co
KARACHI.

WORK ORDER

SUBJECT: - **REHABILITATION OF GYMNASIUM AND TENNIS COURT AT CHANDKA MEDICAL COLLEGE OF SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY, LARKANA.**

Ref: Your item/Percentage Rate Tender, Dated: 24-01-2018.

The Competent Authority is pleased to approve your B-I tender for the above mentioned work amounting to Rs. 11,804,131/- (*Rupees Eleven Million Eight Hundred Four Thousand One Hundred Thirty One Only*) being the 1st Lowest in competition which comes after rebate of (3 %) on overall bid cost offered by your firm.

- (i) Sindh Government Composite Schedule of Rates 2012 (Civil Works Tennis Court).
@ 15% Above (Fifteen Percent Above)
- (ii) Non Schedule Items (Civil Work) Rs: 1,477,556/-
- (iii) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works Tennis Court).
@ 20% Above (Twenty Percent Above)
- (iv) Non Schedule Items (Plumbing Work) Rs: 531,185/-
- (v) Sindh Government Composite Schedule of Rates 2012 (Electric Works Tennis Court).
@ 15% Above (Fifteen Percent Above)
- (vi) Non Schedule Items (Electric Works) Rs: 609,500/-
- (vii) Sindh Government Composite Schedule of Rates 2012 (Civil Works Gymnasium).
@ 7% Above (Seven Percent Above)
- (viii) Non Schedule Items (Civil works Gymnasium) Rs: 1,007,247/-
- (ix) Sindh Government Composite Schedule of Rates 2012 (Plumbing Works Gymnasium).
@ 18% Above (Eighteen Percent Above)
- (x) Non Schedule Items (Plumbing Works Gymnasium) Rs: 6,250/-

It may please be noted that :

1. The rebate offered by your firm will be deducted from work done of each Running Account Bill.
2. The work should be carried out according to Specification/Technical Sanction.
3. Material should be collected from approved quarries as mentioned in the estimate.
4. Taxes will be deducted as prescribed by the Government time to time from your payments.
5. An undertaking writing on BOND PAPER will have to be given by you to the effect that if change in Schedule “B”/Estimate made during the execution of the work, will be acceptable to you un-conditionally.
6. An undertaking in writing on BOND PAPER will have also to be given by you to the effect that where ever the nomenclature is not fully elaborated or not clear or there is /are any typographical errors in the Schedule “B” of the Tender, such item/ items will be read as given in the Schedule of Rates Vol-III Part-II (General) for finished items of the work inforce from 2012.

- of the Contract Agreement. In the event of failure you will have to pay compensation to the Government as per terms and conditions of your contract agreement.
8. No cartage changes of any items of materials either supplied by the Department or arranged by the Contractor Shall be paid
 9. No premium shall be paid on Non- Schedule items.
 10. Potable water for construction shall be arranged by the Contractors at site of work without any extra payment.
 11. All RCC/CC cost in situ shall be mechanically vibrated.
 12. Contractor has to supply & hand over all samples of the materials to Engineer In-charges free of cost .
 13. All Buildings debris & surplus stuff not required for use in construction shall be promptly removed from site and suitably disposed of by the Contractor for which no extra cost of cartage shall be paid.

You are, therefore, directed to please attend the office of the undersigned within Seven (07) days for executing the agreement duly adhesive stamped for completing the other formalities & to start the work at site and complete the work within (12) Twelve Months; according to drawing, design & specifications under the Supervision of undersigned.

The completion time period shall be reckoned from the actual date of start of the work.


ENGR. KALEEMULLAH SHAIKH
EXECUTIVE ENGINEER

Copy f.w.c.s to the:

1. The Registrar SMBBMU, Larkana..
2. The Director (A&F), Sindh Public Procurement Regulatory Authority (SPPRA), Karachi.
3. The Director Finance SMBBMU, Larkana.
4. The Director P&D SMBBMU, Larkana.
5. The PS to Vice Chancellor SMBBMU, Larkana.
6. Office copy.

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF
WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. SMBB Medical University, Larkana
- 2) PROVINCIAL / LOCAL GOVT. / OTHER Autonomous (Others)
- 3) TITLE OF CONTRACT Rehabilitation of Gymnasium and
- 4) TENDER NUMBER Training Course at CMU of SMBBMU, Larkana
- 5) BRIEF DESCRIPTION OF CONTRACT CG) NO SMBBMU/KEN/793/Date: 24/4/2018
- 6) FORUM THAT APPROVED THE SCHEME Rs: 11,835,491/-
- 7) TENDER ESTIMATED VALUE _____
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) C12) Twelve Months
- 10) TENDER OPENED ON (DATE & TIME) 24/1/2018 at 2:00 PM
- 11) NUMBER OF TENDER DOCUMENTS SOLD C04) Four
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED C03) Three
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS C03) Three
- 14) BID EVALUATION REPORT
(Enclose a copy) Copy Attached
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Nabi Builders 460 Korachi
- 16) CONTRACT AWARD PRICE Rs. 11,804,131/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
M/s. Nabi Builders 460 Korachi
M/s. Zahid Ali Jatoi Larkana
M/s. OM Parkash M. Kundhumi Larkana
- 18) METHOD OF PROCUREMENT USED : - (Tick one)
- | | | | |
|----|--|------------|---|
| a) | SINGLE STAGE - ONE ENVELOPE PROCEDURE | <u>Yes</u> | <input checked="" type="checkbox"/> Domestic/ Local |
| 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 ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT VC, SBBM, Lal Bana

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

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
-----	--------------------------	----	--------------------------

21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	36048 Dated 8/1/2018
No	

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

Yes	Tung 6/1/2018 Dawn 6/1/2018
No	Kawish 6/1/2018

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
--------------------	-------------------------------------	------	--------------------------

23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	NO

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

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, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	

Signature & Official Stamp of
Authorized Officer

[Signature]
Executive Engineer
Sindh Medical University
Karachi

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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**SHAHEED MOHTARMA
BENAZIR BHUTTO
MEDICAL UNIVERSITY
LARKANA**

**BILL OF QUANTITIES FOR
REHABILITATION OF
GYMNASIUM AND TENNIS COURT**

CONSULTANTS



ESS.I.AAR

Planning, Engineering & Services Consultants



**BILL OF QUANTITIES OF
TENNIS COURT & REHABILITATION OF GYMNASIUM
AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY
LARKANA**

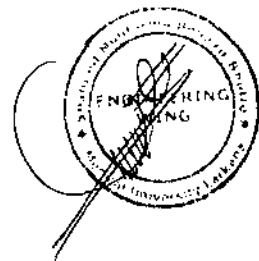
S.No	ITEMS OF WORKS	COST (Rs.)
1	TENDER TENNIS COURT & REHABILITATION OF GYMNASIUM	Rs. = 12,169,207/-
	TOTAL AMOUNT	

(Rupees Twelve Million One Hundred Sixty Nine Thousand Two Hundred Seven only) -

SEAL
Executive Engineer
Seal and Sign of Client
SMBB Medical University
LARKANA.

SEAL
Seal and Sign of Contractor

[Handwritten signatures and marks]



TENNIS COURT & REHABILITATION OF GYMNASIUM

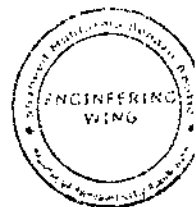
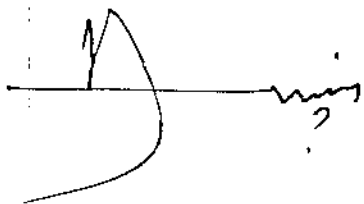
AT

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

Description	Cost
Cost Summary Of Tennis Court	
Civil Works	
Schedule Items	3,523.00
<u>15</u> % Premium on Schedule Items	(528453)✓
Non Schedule Items	(1477556)✓
TOTAL OF CIVIL WORK	R_s = 5529034 ✓
Plumbing	
Schedule Items	187,708
<u>20</u> % Premium on Schedule Items	(37542)✓
Non Schedule Items	(531185)✓
TOTAL OF PLUMBING WORK	R_s = 756435 ✓
Electrical	
Schedule Items	888,165
<u>15</u> % Premium on Schedule Items	(133224)✓
Non Schedule Items	(609500)✓
TOTAL OF ELECTRICAL WORK	R_s = 1630887 ✓
SUB TOTAL A =	R_s = 7916356 ✓
Cost Summary Rehabilitation of Gymnasium	
Civil Works	
Schedule Items	2,973,731
<u>7</u> % Premium on Schedule Items	(208161)✓
Non Schedule Items	(1007247)✓
TOTAL OF CIVIL WORK	R_s = 4189139 ✓
Plumbing	
Schedule Items	48,697
<u>18</u> % Premium on Schedule Items	(8765)✓
Non Schedule Items	(62301)✓
TOTAL OF PLUMBING WORK	R_s = 63712 ✓
Electrical	
10% of Civil Work	
% Premium on Schedule Items	
TOTAL OF ELECTRICAL WORK	
SUB TOTAL B =	R_s = 425285 ✓
SUB (A+B) TOTAL	R_s = 12169207 ✓



CONSTRUCTION OF TENNIS COURT



**BILL OF QUANTITIES OF
TENNIS COURT AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA**

PART-I: SCHEDULE ITEMS

Sl. No.	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
(Foundation)						
1	SCH/C18/ ITEM no.43/ P-103	Turfing lawns Turfing lawns	%Sft	272.25	5850.00	15,927
2	SCH/C18/ ITEM no.44/ P-104	Supply manure Supply manure	Cart Load	298.12	71.50	21,316
3	SCH/C1/ item no.18b/ P-4	EXCAVATION: Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-4) (for foundation) (C) in hard soil or soft murum	%oCft	3554.38	11,186	39,760
4	SCH/C4/ item no.5-i/ P-16	LEAN CONCRETE (1:4:8): Cement concrete brick or stone blast 1 1/2" to 2" gauge. (C)Ratio 1:4:8 (S.No. 4 / P-14)	%Cft	9416.28	1,470	138,419
5	SCH/C4/ item no.6-a(i)/ P-16	REINFORCED CEMENT CONCRETE: R.C.C work in roof slab, beams columns rafts,lintels and other structural members laid in situ or precast laid in position complete in all respects. (I)Column using ratio (1:2:4) or more 90 Lbs cement 2 Cft sand 4 Cft. Shingle 1/8" to 1/4" guage.must have cylinder strength >3750psi (S.I. No.6(a)(ii)/P-16).	P.Cft	337.00	2,079	700,623
7	SCH/C4/ item no.5-a(h)/ P-15	C.C (1:3:6): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). Ratio (1: 3:6) S.I. No. 5(h) P-15).	%Cft	12595.00	103.5	13035.83
8	SCH/C4/ item no.19(b)/ P-17	FORMWORK: Erection and removal of centering for R.C.C or plain concrete works of Partal wood vertical (S.No 19 b (ii) / P-17)	%Sft	3127.41	180.0	5629.34
9	SCH/C1/ item no.21/ P-4	EARTH FILL FROM OUTSIDE: (FOR FLOORING) Filling, watering and ramming earth in floor with surplus earth from foundation lead upto the one chain and lift upto 5 ft.(S.I. No. 21/P-4) (for plinth)	%oCft	1512.50	3728.7	5639.71

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	SCH/C1/ item no.22/ P-4	FROM OUTSIDE: Filling, watering and ramming earth in floor with new earth from excavated from outside lead upto the one chain and lift upto 5 ft.(S.I. No. 21/P-4) (for plinth)	%Cft	3630.00	2,319	8418.93
	SCH/C5/ item no.4c/ P-15	C.C (1:5:10): Cement concrete brick or stone blast 1 1/2" to 2" gauge. C)Ratio 1:5:10 (S.No. 4 / P-14)	%Cft	8694.95	94.5	8216.73
12	SCH/C7/ item no.38/ P-38	polythene sheet: Providing and laying single layer of polythene sheet 0.13mm thick for water proofing as per specification and instructions of Engineer incharge. (S.I. No. 38/P-37)	P.Sft	10.70	1872	20030.40
13	SCH/C18/ item no.92/ P-109	ANTI TERMITE: Providing anti-termite treatment by spraying/ sprinkling / spreading Neptachlar 0.5% or equivalent. Emulsion as an over all Pre Construction treatment in slab type construction along external foundation trenches of the building over complete parimeter of the foundation trench etc. as per directions of engineer incharge. (S.I.No.92/P-108)	P.Sft	9.74	1872.0	20030.4

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1	SCH/C4/ item no.6-a(ii)/ P- 16	REINFORCED CEMENT CONCRETE: R.C.C work in roof slab, beams columns rafts,lintels and other structural members laid in situ or precast laid in position complete in all respects. (I)Column using ratio (1:1-1/2:3) or more 90 Lbs cement 2 Cft sand 4 Cft. Shingle 1/8" to 1/4" guage.must have cylinder strength >3750psi (S.I. No.6(a)(ii)/P-16).	P.Cft	349.00	1,097.4	383,006
3	SCH/C5/ ITEM no.5-1(c)/ P-21	BRICK MASONRY: Pacca brick Work in ground floor in cement sand mortar 1:4 (S.No 5 (1e) / P-20)	%Cft	13227.41	863.1	114,170
4	SCH/C10/ ITEM no.7(b)/ P-57	Deodar wood Door: First class deodar wood wrought joinery work in door and windows etc fixed in position including chowkats hold fasts hingers, iron tower bolts chocks cleats handles and cords with hooks etc. Deodar panelled or panelled and glazed or fully glazed (1273.76-370.83=902.93) a) 1 3/4" thick (S.No 7 b / P-57)	P.Sft	902.93	274.0	247,403
5	SCH/C9/ item no.13/ P-51	CEMENT PLASTER : Cement plaster 1: 6 up to 12' height (S.I. No. 13 /P-51). b. In walls 1/2 inches thick (1:6)	%Sft	2206.60	5,097.5	112,481
6	SCH/C9/ item no.11/ P-51	CEMENT PLASTER: Cement plaster 1: 4 up to 12' height (S.I. No. 11 /P-51). b. In walls 3/8 inches thick (1:4)	%Sft	2197.52	5,097.5	112,019
		b. In slab 1/2 inches thick (1:4)	%Sft	2197.52	724.5	15,921
7	SCH/C9/ item no.36a/ P-55	MATT FINISH: Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (Silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying first coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (3 coats).	%Sft	3444.38	3450	118,814
8	SCH/C9/ item no.38b/ P-55	WEATHER COAT: Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make: 3 coats (S.I.No. (B) 38/P-55).	%Sft	2567.95	1648	42,320
9	SCH/C9/ item no.23/ P-53	PRIMARY COAT CHALK DISTEMPER (CEILING): Primary coat of Chalk under distemper (for ceiling)(S.I. No. 23/P-53).	%Sft	442.75	725	3,208
10	SCH/C9/ item no.24/ P-53	Distemping (c) three coats Distemping (c) three coats.(for ceiling) (S.I No. 24/P-53).	%Sft	1079.65	725	7,822

Amin
7



	item no.7a/ P-71	French polishing complete (a) on new Work.(S.N 7a P/71)	%Sft	3841.75	548.0	21,053
12	SCH/C10/ item no.21/ P-59	MORTICE LOCK Providing and fixing approved quality mortice lock (S.No21 / P-59)	No.	1786.13	4	7,145
	SCH/C8/ item no.16c/ P-41	C.C TOPPING: Providing and laying 1" thick topping cement concrete (1:2:4) including surface finishing and dividing into panels: C) 2" thick (S.I.No. 16c/ P-41)	%Cft	3275.50	500	16,378
14	SCH/C8/ item no.60/ P-47	GLAZED TILE: Providing and laying tiles glazed 6"x6"x1/4" on floor or wall facing in required colour and pattern of stile specification jointed in white cement and pigment over a base of 1:2 grey cement mortar 3/4" thick including washing and filling of joints with slurry of white cement and pigment in desired shape with finishing, clearing and cost of wax polish etc. complete including cutting. (S.No 60 / P-46)	%Sft	30509.77	500.0	152,549
15	SCH/C4/ ITEM no.8b/ P-17	STEEL FOUNDATION: Providing and fabrication of for steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars). S.I. No. 8(b) P-16)	P.Cwt	5001.70	166	831,883
16	SCH/C4/ ITEM no.8b/ P-17	STEEL GROUND FLOOR Providing and fabrication of for steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings including cost of binding wire (also including removal of rust from bars). S.I. No. 8(b) P-16)	P.Cwt	5001.70	67.9	339,809
		SCHEDULE ITEMS TOTAL =				3,523,024

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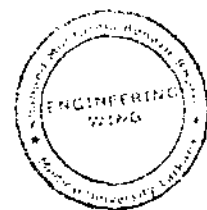


PART-II: NON-SCHEDULE ITEMS

(FOUNDATION)					
OR-1	DACCA GRASS: Supply live (Dacca) grass in slabs with earth intact including all lead and lifts.	SFT	30	5850.00	175500
OR-2	COMPACTION: Rolling the surface dry with light power roller (upto 6 tons or 6.09 m. ton) as directed by the Engineer-in-charge.	SFT	4	2808.00	11232
OR-3	STONE SOILING: Providing and laying soiling stones 6 inches to 9 inches (152 mm to 229 mm) size under floors including packing with spawls and chips and consolidating etc. complete.	CFT	50	2106.00	105300
OR-4	C.C BLENDING 1:9 Providing and laying in CC Blending 1:9 (1 cement 9 all in aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge for filling voids in foundation, basement and plinth including compacting, curing etc. complete, foundation and basement up to 5 feet (1.52 m) depth and plinth up to 4 feet (1.2 m) height from ground level.	CFT	150	702.00	105300
OR-5	CEMENT CONCRETE: Providing and laying 4" (102 mm) thick not leaner than 1:1.5:3 cement concrete (minimum works cube crushing strength of 5000 Lbs. PSI (at 28 days) in tennis court etc. compacting with vibrators (immersion or screen or both) (with admixture) of required thickness power float finished for perfect floor level etc complete and as per direction of engineer in charge.	SFT	148	2808.00	415584

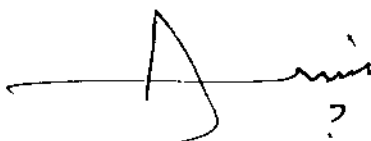
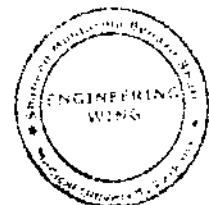
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(GROUND FLOOR)

1	OR-1	PROCELAIN TILES: Providing & laying light/colour unglazed vitrified porcelain tiles (polished) not exceeding 21" x 21" each on wall & floors foreign make (Italian or equivalent except china make) in any floor laid with dry bond (site bond) over existing floor including jointing the tiles with joint floor of approved quality as per direction of engineer incharge.	P.Sft	240	538	129120
2	OR-2	PROCELAIN TILE SKIRTING: Providing & laying light/colour unglazed vitrified porcelain tiles skirting (polished) not exceeding 1600 sq.cm each on wall & floors foreign make (Italian or equivalent except china make) in any floor laid with dry bond (site bond) over existing floor including jointing the tiles with joint floor of approved quality as per direction of engineer incharge.	P.Sft	235	64	15040
3	OR-3	VERONA MARBLE: Providing and fixing 3/8" thick Verona marble tiles of approved quality and colour shade size on stairs as specified in drawings in steps and risers skirting and facing removal / tucking of existing plaster surface etc over 1/2" thick base of cement mortar 1:3 setting mortar base including fillings the joints and washing the tiles with white cement slurry current, finishing cleaning and polishing etc complete (a) for new work	P.Sft	170	2664	452880
4	OR-4	S.S PIPE RAILING: Providing and fixing S.S. pipe railing of 2" (50 mm) diameter, comprising, vertical posts and horizontal bracing of S.S. pipe of the same dia as per design including cost of specials, bends, threading, cutting and making good the floor or wall of any kind in cement concrete 1:2:4 etc. 'complete in any floor	RFT	650	104.00	67600
TOTAL OF GROUND FLOOR						1477556

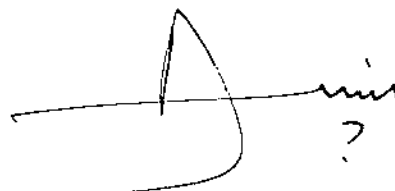



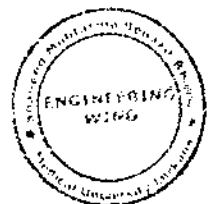
TENNIS COURT AT

SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

2(B) SCHEDULE OF ITEM (B), PLUMBING WORKS

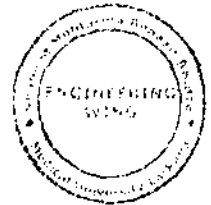
	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1	Providing & fixing 1/2" dia, lead connection complete with a 1/2" dia brass stop cock, two brass nuts & lining jointed to lead pipe with plumber wiped solder joints 1/2" inches lead pipe to be of not less than 4lbs per lineal yard (S.I. No. 22/P-6).	Each	6	689.70	4,138
2	Providing & fixing M.S clamps of the approved design to 4" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 4" into wall including pipe distance pieces extra painting to match the colour of the building (S.I. No. 2/P-9).	Each	8	72.16	577
3	Providing & fixing M.S clamps of the approved design to 3" i/c the cost of cutting and making good to wall or M.S bolts and nuts, 3" into wall including pipe distance pieces extra painting to match the colour of the building (S.I. No. 14/P-10).	Each	8	264.00	2,112
4	(b) S/Fixing concealed Tee stop cock of superior quality with c.p head 1/2" dia (S.I.No. 14(A)/P-18).	Each	10	1097.00	10,970
5	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia (S.I. No. 13(a)/P-19).	Each	10	1109.46	11,095
6	Supplying & fixing 6" x 4" earthen gully trap with 4" outlet complete with 4" thick 1:2:4 C.C. for bed & 1/2 thick cement plaster (1:3) to the karb C.I grating 6" x 6" and C.I. cover and	Each	4	1220.67	4,883
7	Constructing manhole or inspection chamber for the required diameter of circular sewer and 3'-6"(1067mm) depth with walls	Each	4	14748.00	58,992
8	Providing and fixing chrome plated brass towel rail complete with brackets fixing on wooden cleats with 1" long C.P brass Screws.(I) Towel rail 36" long (a) 3/4" dia round or square (standard pattern) (S.I. No.1(i)(a)/P-7).	Each	4	1269.95	5,079.80
10	Supplying & fixing soap tray of made of plastic of superior quality and design with fine finishing with c.p screws etc complete (S.I. No.6/P-8).	Each	4	169.40	677.60
11	Providing & fixing C.P muslim shower with double bib cock & ring pipe (S.I. No.19(a)/P-19).	Each	4	3432.00	13,728
	Supplying & fixing ball valves (china) (S.I. No.5/P-18)				
	i) 1/2" dia	Each	4	271.92	1,087.68
	ii) 1" dia	Each	3	365.42	1,096.26
14	Supplying & fixing telephonic shower with ring pipe etc complete (S.No 20 / P-19)	Each	4	1122.00	4,488.00
	Supplying & fixing wash basen mixture of superior quality with c.p head 1/2" dia (S.I. No.14 b /P-19)	Each	4	3179.00	12,716.00
15	Providing and fixing orisa type white or color glazed earthen ware w.c pan with cost of low level plastic flush tank of 3 gallons capacity of approved quality i/c making requisite cutters of holes in walls, plinth & floor and making good in cement concrete 1:2:4 W.C pan orisa type 23" with plastic tank of low down 3 gallons C.I trap & C.I thumble (Superior Quality) With 4" dia. earthen ware trap and plastic thumble (S.No 3 / P-2	Each	2	6166.60	12,333





S.No	Description of Item	Unit	Qty	Rate (Rs.)	Amount (Rs.)
19	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint , a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern) (S.No 8 / P-3)	Each	4	4253.90	17,016
20	Providing & fixing European type white glazed earthen ware wash down w.c pan complete with including the cost of white / black plastic seat (Best Qty) and lid with c.p brass hinges best quality and buffers 3 gallons plastic flushing cistern with internal fitting with fitting clamp 3/4" dia. and cutting and making requisitic number of holes in walls, plinth and floor for pipe connection and making good in cement concrete 1:2:4 (S.No 4 / P-2)	Each	2	5339.40	10,679
21	Add extra for labour for providing and fixing of earthen ware pedestal white or coloured glazed (S.No 9 / P-3)	Each	4	938.47	3,754
22	Providing and fixing 15" x 12" bavelled edge mirror of belgium glass complete with 1/8" thick hard board and c.p screws fixed to wooden pleat (b) Superior Quality (S.No 4(b) / P - 7)	Each	6	2047.76	12,287
Total Of Schedule Items =					187,708

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(16) NON SCHEDULE OF ITEM, (3), PLUMBING WORKS

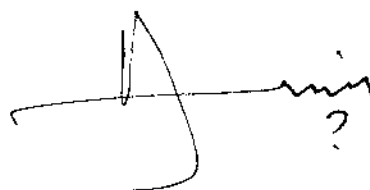
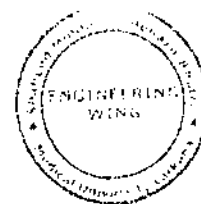
1	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc. (a) Elbow / Bend 110 mm or 4" dia	Each	4	4500	18000
	(b) Elbow / Bend With Door 110 mm or 4" dia	Each	4	4800	19200
	(c) Tee 110 mm dia	Each	3	8600	25800
	(d) Socket 110 mm dia	Each	4	900	3600
	(e) UPVC Tee With Door 110 mm dia	Each	5	800	4000
2	Supply & fix UPVC (Dadex or Equivalent or approved by engineer incharge) fitting with 'Z' joint & rubber ring etc. (a) Elbow / Bend 75 mm or 3" dia	Each	4	3500	14000
	(b) Tee 75 mm dia	Each	2	3500	7000
	(c) Socket 75 mm dia	Each	3	800	2400
	(d) UPVC Tee With Door 75 mm dia	Each	4	4200	16800
3	Providing & laying PPR PN-20 (Dadex or approved by engineer incharge) pipe with all fittings i.e socket, bend tee, elbow where required. (for cold water pipe) (a) 20mm (3/4") dia PPR	Rft	200	70	14000
	(b) 1 mm (1")	Rft	150	100	15000
4	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 4" dia (110 mm) etc complete.	Rft	270	260	70200
5	Supply & laying UPVC (Dadex or approved by engineer incharge) soil and waste pipe complete 'Z' joint and rubber ring all as specified including socket, bend, tee all fittings 3" dia (75 mm) etc complete.	Rft	215	160	34400
6	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (4" dia) on top of vent pipe.	Each	35	320	11200
7	Supply & fix UPVC Dadex or approved by engineer incharge vent cowl 110mm (3" dia) on top of vent pipe.	Each	35	315	11025
8	Providing & fixing UPVC floor trap (DADEX or approved by engineer incharge) with 4" dia inlet and 4" dia outlet of the approved self cleaning design with a UPVC Grating with or without a vent arm i/c cost of making requisite number of holes in walls plinth and floor for pipe connectors and making good concrete 1:2:4.	Each	4	515	2060
9	Providing UPVC pipe with collars class "B" and digging the trenches to required depth and fixing imposition i/c cutting, fitting & jointing with maxphalt composition & cement mortar 1:1 and testing with water pressure to a head of 4 feet above the top of the highest pipe and refilling with excavated stuff. a. 9" dia RCC Pipe Class B	Rft	350	750	262500
				Total	531185

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**BILL OF QUANTITIES OF
TENNIS COURT AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA
SCHEDULE ITEM ELECTRICAL WORKS**

S.NO	DESCRIPTION OF WORK	UNIT	RATE	QTY	AMOUNT
1	Wiring for light or fan point with (3/.029) PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column including ECC Wire (1mm) ² (S.no.124,Pg-15)	Point	1130	178	201140
2	wiring for plug point (3/.029) PVC insulated wire in 20mm (3/4") PVC conduit recessed in the wall or column as/ required including 1mm ² PVC insulated wire ECC as required (S.no.126,Pg-15)	Point	985	44	43340
3	P/Laying (Main or Sub Main) Pvc insulated with 2 core copper conductor 300/500 volts size (6mm ²) in 25mm (1") PVC conduit under ground (S.no.100,Pg-12) From Main D.B to LGF DB-1,2	Mtr	500	60	30000
4	P/Laying (Main or Sub Main) Pvc insulated with 4 core copper conductor 300/500 volts size (6mm ²) in 25mm (1") PVC conduit under ground (S.no.100,Pg-12)	Mtr	500	50	25000
5	Providing and fixing one way SP 5 amp switch flush type on metal board & covered with plastic sheet (S.no.219, Pg-33)	No.	54	178	9612
6	Providing and fixing two pin 5 amp plug & socket switch flush type on metal board & covered with plastic sheet (S.no.225, Pg-33)	No.	83	12	996
7	Providing and fixing three pin 5 amp plug & socket switch flush type on metal board & covered with	No.	151	32	4832
8	Providing and fixing bakelite / Plastic ceiling rose with two terminals(S.no.228, Pg-33)	No.	72	2	144
9	Providing & Fixing B.C Brass / Pvc batten holder (S. no.2, Pg-14)	No.	54.79	150	8218.5
10	Providing & Fixing on given Pole Flood Light 400 w (HPIT) having IP65 classification with 400 w lamp, choke, capacitor, igniteretc & internal wiring	No.	16980	24	407520
11	Providing & Fixing energy saver superior quality 25w & fixing on existing holder etc complete (S. No 6, Pg-33)	No.	497	150	74550
12	Providing and fixing ceiling fan 56" good quality (S.no.235, Pg-34)	No.	3185	26	82810
Sub-TOTAL AMOUNT OF SCHEDULE ITEMS					888162.5

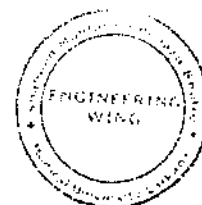



NON SCHEDULE ITEM ELECTRICAL WORKS

1	Providing and fixing 4 1/2" x 4 1/2" ms di casted powder coated recessed type fan clamp box with 3/8" dia ms bar fan clamp fixed on roof at casting time as required	No.	350	26	9100
	Providing and fixing 6 A piano fan dimmer fixed on plastic or fiber top cover sheet on 14 swg metal board recessed in the wall or column including connection	No.	400	26	10400
3	Providing and fixing 30 cm (12") sweep metallic body exhaust fan complete with blades, motor, shutter etc including making hole in the wall & connection with 14.0076 flexible wire complete as required Millat / Pak / Asia / Climax / Younas / Royal.	No.	5000	2	10000
4	Providing & Fixing Ms Tubular Pole 10 Mtr Height complete with base plate & 1" dia wholes (4 nos), Ms (suitable for holding 6 nos flood light dully painted with 2 coats of aluminium paints after applying anti currosive paint including making cc foundation and 4 nos 3/4" dia foundation bolts & nuts	No.	95000	4	380000
5	Providing and fixing Earthing set with 2'x2'x1/8" copper plate buried in the ground at a depth of 12 feet or less if water comes out from the ground level (salt & charcoal, or earthing chemical powder) etc. making the pit 12 feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 2x8 SWG copper wire in 1/2" dia GI conduit complete in as respect as required.	Job	40000	1	40000
6	DISTRIBUTION BOARD 15 A SP mcb (pp & pump) 02 NO Incoming:- 10 A DP MCB 02 No (Terasaki) Fluorescent lamp 03 No Out going:- 10 A SP MCB 28 No (Terasaki)		45000	2	90000

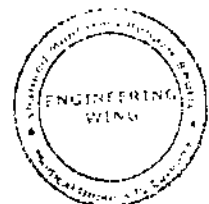
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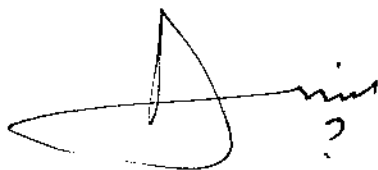


7	MAIN DB (14 KW) Providing & Fixing, testing, commissioning cubical type metal sheet distribution board flush type with locking arrangement duly powder coated paint including all fastening material including wiring with suitable gauge PVC wire complete in all respect (Pei, Libra, Rco, Karimi, Industrial Power Tech, Global Tech).				
	Incoming:-		NO	70000	1
	30 amp Tp mccb	01 no			
	Volt meter with selector	01 no			
	Ampere meter with selector	01 no			
	Indicating lamp	03 nos			
TOTAL AMOUNT					609500

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REHABILITATION OF GYMNASIUM

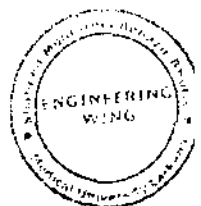
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BILL OF QUANTITIES OF
REHABILITATION OF GYMNASIUM AT
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA

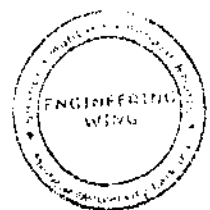
PART-A: SCHEDULE ITEMS

Sl. No.	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
1	SCH/C2/ (S.I. No. 19(c)/P-10)	Dismantling C C Plain Dismantling C C Plain 1:2:4	%cft	3327.50	1650.00	54,904
2	SCH/C9/ (S.I. No. 13(c)/P-52)	Cement plaster Cement plaster 1:6 3/4" thick	%Sft	2590.50	2000.00	51,810
3	SCH/C9/ (S.I. No. 23/P-53)	Primary coat of Chalk under distemper Primary coat of Chalk under distemper (for ceiling)	%Sft	442.75	14000.00	61,985
4	SCH/C9/ (S.I. No. 24/P-53)	Distempering (c) three coats Distempering (c) three coats.(for ceiling)	%Sft	1079.65	14000.00	151,151
5	SCH/C9/ (S.I. No. 36(a)/P-54)	matt finish Preparing the surface and painting with matt finish i/c rubbing the surface with bathy (Silicon carbide rubbing brick) filling the voids with zink/chalk/plaster of paris mixture, applying first coat premix making the surface smooth and then painting 3 coats with matt finish of approved make etc: complete (3 coats)	%Sft	3444.38	13911.84	479,177
6	SCH/C9/ (S.I. No. 38(b)/P-55)	weather coat Preparing the surface and painting with weather coat including rubbing the surface with rubbing brick / sand paper filling the voids with chalk / plaster of paris and then painting with weather coat of approved make. 3 coats (S.I No. (B) 38/P-55).	%Sft	2567.95	8011.99	205,744
7	Highways/ (S.I. No. 13/P-15)	Thermo Plastic Paint Pavement marking in Reflective Thermo Plastic Paint for Lines of 6" Width.	P.Rft	41.24	500.00	20,620





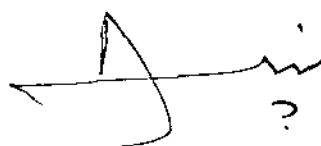
S.No	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
8	SCH/C17/ (S.I. No. 83(a)/P- 108)	Aluminum channels for Door Supplying and fixing in position aluminum channels framing for hinged doors of alcop made with 5mm thick tinted glass glazing (belgium) and alpha (japan) lock i/c handles stoppers etc,	P.Sft	1450.76	119.00	172,640
9	SCH/C17/ (S.I. No. 84(a)/P- 108)	Aluminum channels for window and Ventilator Supplying and fixing in position aluminum channels framing for sliding windows and ventilators of alcop made with 5mm thick tinted glass glazing (belgium) and alpha (japan) lock i/c handles stoppers etc,	P.Sft	1592.69	464.00	739,008
10	SCH/C8/ (S.I. No. 28/P-43)	Glazed tile Laying floor of approved coloured with glazed tile 1/4" thick in white cement 1:2 over 3/4" thick cement mortar 1:2 complete.(S.I. No. 25/P-43)	%Sft	27747.06	61.25	16,994
11	SCH/C8/ (S.I. No. 38/P-45)	Glazed tile dado Glazed tile dado 1/4" thick laid in pigment over 1:2 cement sand mortar 3/4" thick including finishing.(S.I. No. 38/P-45)	%Sft	28299.30	339.49	96,072
12	SCH/C17/ ITEM no.29- / P-93	G.I Frame Providing & fixing G.I frames/choukhats of size 7"x2" or 4 1/2"x3" for door using 20 guage G.I sheet i.e welded hinges and fixing at site with necessary hold fasts, filling with cement sand slurry of ratio 1:6 and repairing the jambs. The cost also i.e all carriage, tools and plants used in making	P.Rft	228.90	49.50	11,331
		PART-A (SCHEDULE ITEMS) TOTAL IS =				2,061,436



S.No	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		

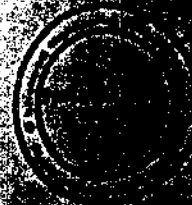
**STEEL GRILLS
PART B SCHEDULE ITEMS**

S.No	ITEM #	Description of ITEM	Unit	Rate (Rs.)	Qty	Amount
1	SCH/C1/ (S.I. No. 18 (b)/P-4)	EXCAVATION: Excavation in foundation of building bridges and other structures including dagbelling dressing refilling around structure with excavated earth watering and ramming lead up to 5ft (S.I. No. 18 (b)/P-5) (for	%0Cft	3176.25	1630	5,177
2	SCH/C18/IT EMSi/P-16)	LEAN CONCRETE (1:4:8): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing of stone aggregate without shuttering). (b) Ratio 1:4:8).	%Cft	11288.75	408	46,002
3	SCH/C4/ ITEM no.5f/ P- 16	C.C. PLAIN (1:2:4): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (f) Ratio 1:2:4	%CFT	14429.25	857	123,695
4	SCH/C4/ ITEM no.5h/ P- 16	C.C. PLAIN(1:3:6): Cement concrete plain including placing compacting, finishing and curing, complete (including screening and washing at stone aggregate without shuttering (h) Ratio 1:3:6	%CFT	12595.00	1834	230,961
5	SCH/C4/ ITEM no.19b(i)/ P-16	FORMWORK: Erection and removal of centering for RCC or plain cement works of partial wood (i)vertical (b)For CC plain below external plinth beam.	%SFT	3127.41	6197	193,806
6	SCH/C5/ ITEM no.1- 1(c)/ P-21	BRICK MASONRY Pacca brick work in ground floor in cement sand mortar (1:4)	%Cft	13227.41	254	33,556
7	SCH/C9/ ITEM no.4-1/ P-56	COLOUR CRETE : Providing & fixing colour crete wall surface to provide, durable crust and aesthetics having thickness upto 3/4" with specified colour having water, fire and termite resistance (upto 20'-0" height).	%SFT	6319.50	3871	244,644




S.No	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
8	SCH/C11/ ITEM no.5d/ P-70	PAINTING GUARD BARS, IRON BARS: (d) Preparing surface and painting guard bars, gate of iron bars, gratings, railing (including standard braces, etc) And similar open work.				
		(i) Primer coat	%SFT	521.95	3844	20,062
		(ii) Each subsequent coat of paint.	%SFT	374.44	3844	14,393
		PART-B (SCHEDULE ITEMS) TOTAL IS =				912,295
		SUB TOTAL PART-A+B (SCHEDULE ITEMS) =				2,973,731

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S.No	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		
PARTA: NON-SCHEDULE ITEMS						
S.No	ITEM #	Description of Item	Unit	Rate (Rs.)	Qty	Amount
1	OR-1	C.C Flooring Providing and laying 4" (102 mm) thick not leaner than 1:1.5:3 cement concrete (minimum works cube crushing strength of 5000 Lbs. PSI (at 28 days) in tennis court etc. compacting with vibrators (immersion or screen or both) (with admixture) of required thickness power float finished for perfect floor level etc complete and as per direction of engineer in charge.	Sft	140	5000.00	700,000
2	OR-2	Procelain tiles Providing and laying Procelain tiles laid in cement mortar or lime mortar 1:2 as per approved quality & design complete. size 16" x 16"	Sft	235	900.72	211,669
3	OR-3	veneered flush Providing and fixing solid core 1st class deodar wood veneered flush door shutter 1-1/2 inches (38 mm) thickness with and including the cost of commercial veneer facing of not less than 1 mm thickness on either side, cross band of standard specification with solid fully laminated core, 2 inches (51 mm) wide best quality deodar wood outer faces alround as commercially produced by standard manufacturers under power driven hydraulic press as approved by Engineer-in-charge including iron fittings etc., complete but excluding the cost of handles and locking arrangement.	Sft	750	52.50	39,375
PART-A(NON SCHEDULE ITEMS) TOTAL IS =						951,044

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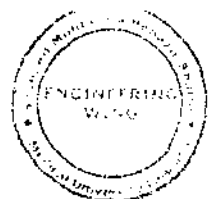


S.No	ITEM #	Description of Item	Unit	Rate	Qty	Amount
				(Rs.)		

PART B NON SCHEDULE ITEMS

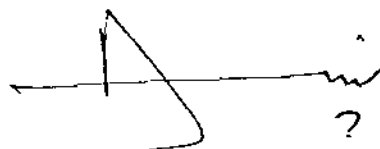
1	OR 1	IRON STEEL GRILL: Providing and fixing iron grills with required section of flat iron as per approved design with Sq bars 3/4" x 3/4" including welding all sides of the section at the junction, and fixing with sunk iron screws, painting two coats of red oxide paint etc. complete as required in any floor in masonry or concrete work. as per Direction of Engineer incharge	KG	245	22940.00 229.400	56203
PART-B(NON SCHEDULE ITEMS) TOTAL IS =						56203
SUB TOTAL PART-A+B (NON SCHEDULE ITEMS) =						1007247

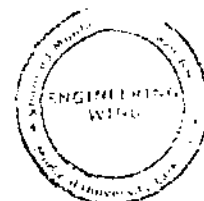
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**BILL OF QUANTITIES OF
REHABILITATION OF GYMNASIUM
SHAHEED MOHTARMA BENAZIR BHUTTO MEDICAL UNIVERSITY LARKANA
PLUMBING WORKS**

PART-I: SCHEDULE ITEMS						
S.No	ITEM #	Description of Item	Unit	Qty	Rate (Rs.)	Amount
1	SCH/C1/ (S.I. No. 20/P-6)	Providing & fixing 6" x 2" or 6" x 3" C.I floor trap of the approved self cleaning design with a C.I screwed down grating with or without a vent arm complete with & 1/c making requisite number of holes in walls, plinth & floor for Pipe connections & making good cement concrete 1:2:4. (S.I. No. 20/P-6)	Each	3.00	2042.43	6,127
2	SCH/C1/ (S.I. No. 20/P-6)	P/f squatting type white glazed earthen ware W.C pan of with 1/c the cost of flushing cistern with internal fitting and flush pipe with bend making good in cement concrete 1:2:4.(S.I. No. 3a(ii)/P-2) (i) W.C not less than 19" clear opening between flushing and 3 gallons flushing tank with 4" dia C.P trap and C.I thumble.	Each	3.00	6166.60	18,500
3	SCH/C1/ (S.I. No. 8/P-3)	Providing & fixing 24" x 18" lavatory basin in white glazed earthen ware complete with and including the cost of W.I or C.I cantilever brackets 6 inches built into wall, painted white in to two coats after a primary coat of red lead paint , a pair of 1/2" dia rubber plug & chrome plate brass chain 1-1/4" dia malleable iron or c.p brass traps malleable iron or brass unions and making requisite number of holes in wall plinth & floor for pipe connection and making good in cement concrete 1:2:4 (Standard pattern.)	Each	3.00	4253.90	12,762
4	SCH/C3/ ITEM 13(a)/P- 19]	(b) S/Fixing long bib-cock of superior quality with c.p head 1/2" dia.	Each	3.00	1109.46	3,328
5		Providing and laying PVC pressure pipes of class B (equivalent make) fixing in trench 1/c cutting, fitting, and jointing with Z joint with one rubber ring 1/c testing with water to a head 61 meter or 200ft.(S.I. No. 11/P-22)				
		6" dia	P.Rft	20.00	262.00	5,240
		4" dia	P.Rft	20.00	137.00	2,740
TOTAL OF SCHEDULE ITEMS						48,697





S.No	ITEM #	Description of Item	Unit	Qty	Rate (Rs.)	Amount
PART-II: NON-SCHEDULE ITEMS						
S.No	ITEM #	Description of Item	Unit	Qty	Rate (Rs.)	Amount
1		P/F UPVC Pipe (AGM) SCH: 40 (E) on surface using Clips/ Saddle of approved quality and Material etc paid separately recessed in Masonry, C.C or R-C-C upto 60' height and making good with C.C I/C cutting, finishing etc complete as per instruction of the Engineer Incharge. Specification of material Should meet the requirement of class 12 & 5 B in accordance with AS + MD 1784 type grade 1 rate I/C all cost of labour, material charges Scaffolding Ladders etc complete				
		1" dia	P.Rft	100.00	50	5000
		3/4" dia	P.Rft	50.00	25	1250
TOTAL OF NON-SCHEDULE ITEMS						6250

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