

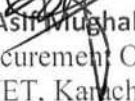
BID EVALUATION REPORT


- **Minutes of the Meeting**
- **Comparative Statement**
- **Attendance Sheet**
- **Bidders Qualification Report**
- **Copies of News publications**
- **Uploaded on SPPRA website with Sr. No. 33307 & Published in The News/English, Daily Jang/Urdu and Awami Awaz / Sindhi in the respective language of Newspapers**


BID EVALUATION REPORT

1. Name of Procuring Agency: Dawood University of Engineering & Technology (DUET)
2. Tender Reference: NO: DUET/DF/PO/WORKS-2017
3. Tender Description: Procurement of Works :
- Compound Wall (Civil Work) Jinnah Campus
 - Compound Wall (Civil Work) Iqbal Campus
 - Bath Room (Civil Work)
 - Bath Room (Plumbing Work)
 - Main Gate & Office Building (Civil Work)
 - Bath Room & Main Gate Office Building (Electrical Work)
 - Land & Lawn Development
 - Providing & Laying Of Tiles On Floor
4. Method of Procurement: Single Stage- One Envelope
5. Tender Published: NIT Uploaded/Hoisted on SPPRA website with Sr. No: 33307 and Published in The News/ English, Daily Jang/Urdu and Awami Awaz/ Sindhi, Dunya/Urdu in the respective language of newspapers on 12-05-2017
6. Total Bid documents Sold; 07 (Seven)
7. Total Bids Received: 02 (Two)
8. Technical Bid Opening date: (if applicable) N/A
9. No. of Bid technically qualified (if applicable): N/A
10. Bid(s) Rejected: Nil
11. Financial Bid Opening date: 26-05-2017
12. Bid Evaluation Report:

Sr. No.	Name of Bidder	BOQ-01	BOQ-02	BOQ-03	BOQ-04	BOQ-05	BOQ-06	BOQ-07	BOQ-08	Total Amount	BID SECURITY	Ranking in term of cost	Comparison with estimated cost (In % below / above)	Reasons for acceptance/ rejection
1	M/S INSAAF & BROTHERS	1,956,310	1,690,490	445,162	88,000	5,281,816	382,320	682,700	9,468,240	19,995,038	400,000	01st	24.97	Lowest Evaluated Bid
2	M/S AL RAFIQ CONSTRUCTION CO.	5,609,095	2,758,685	497,625	1,730,000	6,499,870	1,786,100	1,706,750	10,675,350	31,263,475	625,200	2nd	95.40	Highest


M Asif Mughal
Procurement Officer
DUET, Karachi
Member/Secretary


Mr. Ashfaq Iqbal
Asst. Prof. / X-Director (P&D),
MUET, Jamshoro
External Member


Engr. Sikander Abbasi
Director HR/ Chairman E&E
DUET, Karachi
Convener

MINUTES OF THE MEETING HELD ON 26-05-2017

OPENING OF FINANCIAL PROPOSALS FOR PROCUREMENT OF VARIOUS WORKS CIVIL & ELECTRIC (COPY OF NIT ATTACHED) WHICH ARE INVITED FOR STRENGTHENING OF DUET A PROJECT FUNDED BY HEC

1. Meeting of the procurement committee of this department was held on **26-05-2017** to open the sealed financial proposals / bids received for Procurement of Works (mentioned below) under the convener ship of Engr. Sikander Abbasi, Director HR/ Chairman Energy & Environment Engineering, DUET.

FOLLOWING IS THE LIST FOR PROCUREMENT OF WORKS:

- i. COMPOUND WALL (CIVIL WORK) JINNAH CAMPUS
- ii. COMPOUND WALL (CIVIL WORK) IQBAL CAMPUS
- iii. BATH ROOM (CIVIL WORK)
- iv. BATH ROOM (PLUMBING WORK)
- v. MAIN GATE & OFFICE BUILDING (CIVIL WORK)
- vi. BATH ROOM & MAIN GATE OFFICE BUILDING (ELECTRICAL WORK)
- vii. LAND & LAWN DEVELOPMENT
- viii. PROVIDING & LAYING OF TILES ON FLOOR

2. Under the provision of SPP Rules 2010(amended in 2013) Notice Inviting Tender(s) (NIT) for above mentioned Works (Civil & Electric) invited through publication of Notice Inviting Tenders published on 12-05-2017 in the 03 leading newspapers viz. The News/English, Daily Jang/ Urdu and Awami Awaz / Sindhi, Dunya Newspaper and Appeal / Sindhi in the respective language of Newspapers (Tender Reference No: DUET/DF/PO/WORKS/2017). The same NIT along with bidding documents hoisted on SPPRA website i.e. www.pprasindh.gov.pk at Sr. No. 33307 and Procuring Agency's own website: www.duet.edu.pk

Following members of the Procurement Committee were present at the time of opening of Financial Bids:

- | | | |
|----|---|------------------|
| 1. | Engr. Sikander Abbasi
Director HR/CHAIRMAN E&E,
DUET, Karachi | Convener |
| 2. | Mr. Ashfaq Issani,
Ast. Prof / X-Director (P&D),
MUET, Jamshoro | External Member |
| 3. | Salahudin
Deputy Project Director (Civil Works)
DUET, Karachi | Co-opted Member |
| 4. | Mr. M. Asif Mughal,
Procurement Officer,
DUET, Karachi | Member/Secretary |



In response to DUET NIT following bidders were purchased the bidding document:

1. BIN SYED CONSTRUCTION COMPANY (WITHOUT BID SECURITY/REJECTED)
2. AL-DOST ENGINEERING SERVICES
3. FALCON ENGINEERING
4. NIZ ELECTRIC
5. K. KHAN & CO.
6. AL RAFIQ CONSTRUCTION
7. M/S INSAAF & BROTHERS

Following Bidders participated and submitted their sealed bid till the deadline of submission of Bids mentioned in Notice Inviting Tenders (Copy enclosed):

NAME OF BIDDERS SUBMITTED THE BID:

1. M/S AL RAFIQ CONSTRUCTION
2. M/S INSAF & BROTHERS

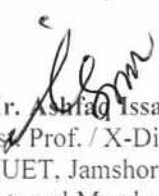
Following are the details of Bids announced under the provision of SPP rules 2010 (amended in 2017):

Sr. No.	Name of Bidder	Cost Offered by the Bidder	Amount of Bid Security	Pay Order No. & Date	Remarks
1	M/S INSAF & BROTHERS	19,995,038	400,000	01256916-9 Dated 26/05/2017	Lowest evaluated bid
2	M/S AL RAFIQ	31,263,475	625,270	03513203 Dated: 26/05/2017	Highest bid

The committee examined all the bids as per the criteria provided in the bidding documents, arithmetical checks and bid security submitted by the bidders.

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


Asif Ghughal
Procurement Officer
DUET, Karachi
Member/Secretary


Mr. Ashfaq Issani
Asst. Prof. / X-Director (P&D),
MUET, Jamshoro
External Member

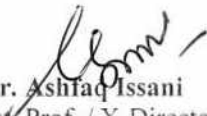

Engr. Sikander Abbasi
Director HR/ Chairman E&E
DUET, Karachi
Convener

COMPARATIVE STATEMENT (SPPRA Sr. No. 33307)

Sr No	Name of Bidder	BOQ- 01	BOQ- 02	BOQ- 03	BOQ-04	BOQ-05	BOQ-06	BOQ-07	BOQ-08	Total Cost Offered by Bidder	Reasons for acceptance/ rejection
1	M/S INSAAF & BROTHERS	1,956,310	1,690,490	445,162	88,000	5,281,816	382,320	682,700	9,468,240	19,995,038	Lowest Evaluated Bid
2	M/S AL RAFIQ CONSTRUCTION CO.	5,609,095	2758685	497625	1730000	6499870	1786100	1706750	10675350	31,263,475	Highest

Procurement Committee recommends M/S INSAAF & BROTHERS for award of Contract to the Competent Authority under the Provision of Sindh Public Procurement Rules 2010.


Asif Mubin
Procurement Officer
DUET, Karachi
Member Secretary



Mr. Ashfaq Issani
Asst. Prof. / X-Director (P&D),
MUET, Jamshoro
External Member



Engr. Sikander Abbasi
Director HR/ Chairman E&E
DUET, Karachi
Convener

BIDDERS' ELIGIBILITY/ QUALIFICATION REPORT (SPPRA SR. 33307)

S. NO.	ELIGIBILITY / QUALIFICATION CRITERIA	M/S AL RAFIQ CONSTRUCTION	M/S INSAF & BROTHERS
		I	II
01	Registration with PEC C-06 (if applicable) / For Electrical Work valid license issued from inspectorate of Electrical License Sindh.	Yes / Yes	Yes / Yes
02	NTN/FBR Certificate	Yes	Yes
03	Registration with Sindh Revenue Board (SRB)	Yes	Yes
04	Undertaking that firm has never been black listed ; or involved in any litigation	Yes	Yes
05	Required Bid Security 2% of quoted amount is attached.	Yes	Yes
06	Bid Quoted is signed, named and stamped by the authorized person of the firm along with Authorization letter.	Yes	Yes
07	Turn Over /Financial / Bank Statement 30 M Last 3 Years	Yes	Yes
08	Details of equipment, machineries and transport owned by firm/contractor;	Yes	Yes
09	List of Employees owned by Company	Yes	Yes
10	Satisfactory Reports of Completed Works of Similar Category	Yes	Yes
11	List of Similar Assignment with cost (Mention No of Projects with Cost) under taken in the last 02 Years	Yes	Yes
	Qualified (Yes/No)	Yes	Yes


Asif Mughal
Procurement Officer
DUET, Karachi
Member/Secretary




Mr. Ashfaq Issani
Ast. Prof. / X-Director (P&D),
MUET, Jamshoro
External Member


Engr. Sikander Abbasi
Director HR/ Chairman E&E
DUET, Karachi
Convener


Date: 26-05-2017


ATTENDANCE SHEET

- Method of Procurement : Single Stage One Envelope
- Date of Opening : 26-05-2017
- Title : *Project Strengthening of DUET Various Civil Works*

S No.	Name of Bidder	Signature	NIC NO.	Remarks/ Contact No
01	Al-Rafiq Const. Co. Salman Khan		42101-2199041-5	0344-2542614
02	Insef & Brothers Fahed		42101-3721832-5	0300-2701169


M Asif Mughal
Procurement Officer
DUET, Karachi
Member/Secretary


Ashfaq Issani
Ast. Professor
(X-Director P&D)
MUET, Jamshoro
External Member


Engr. Sikander Abbasi
Chairperson Energy & Environment
DUET, Karachi
Convener



No. A.D(A)/SPPRA/(33307/DUET)/2016-17/ 303

GOVERNMENT OF SINDH
SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

Karachi, dated the 26 July, 2017

The Procurement Officer
Dawood University of Engineer & Technology
Karachi

Subject: NIT/Ref No. DUET/DF/PO/NIT-Civil/2016-17 dated 11-05-2017
(Sr. No. 33307)

The undersigned is directed to refer to the Bid Evaluation Report of the subject NIT received from your office vide letter No. DUET/DF/PO/BER 33307/2017 dated 14-07-2017 and to observe that:-

- i. Annual Procurement Plan (APP) do not envisage the description of works procured through subject NIT. Clarification/Justification is required.
- ii. Procuring Agency (PA) is required to mention estimated cost against each work separately. In the instant case Rs. 16.00 Million altogether mentioned against all 8- works which needs justification.
- iii. Rate quoted by 1st lowest bidder exceed the limit of 20% from the total estimated cost. Clarification along with detailed comparative statement under clause-11.3.3 of SPPRA guidelines of works is required.

2. It may be noted that it is the sole responsibility of Procuring Agency (PA) to carry all the public procurement by observing SPP Rules, 2010 (Amended-2017), Regulation and procedure in letter & spirit Non-compliance of Sindh Public Procurement Rules, 2010 (Amended 2017), shall render the case of procurement as Mis-procurement.

Assistant Director (Assessment)

Copy forwarded for information to:-

- ✓ The Secretary to Government of Sindh, Universities & Board, Karachi.
- ✓ The Staff Officer to MD, SPPRA.



DUET/DF/PO/2017

Date: 27-07-2017

✓
The Assistant Director (Assessment)
Sindh Public Procurement Regulatory Authority
Karachi.

Ref: SPPRA letter No: A.D (A)/SPPRA/ (33307/DUET)/2016-17/303

SUBJECT: PARAWISE REPLIES ON OBSERVATIONS RAISED BY SPPRA AGAINST
HOISTING OF BID EVALUATION REPORT AT SPPRA SR. NO. 33307

I am directed to refer to your letter No. A.D(A)/SPPRA/(33307/DUET)/2016-17/303 (copy enclosed) Dated 26-07-2017 and to submit the para wise replies against each para as under:

- i) A copy of annual procurement plan for Project Strengthening of DUET under PSDP Government of Pakistan (HEC Funded Project) is submitted & enclosed herewith for reference **(Annexure -I)**.
- ii) Copy of estimated cost mentioned separately against each work is enclosed herewith for reference **(Annexure -II)**.
- iii) Revised Administrative Approval for the cost exceed the limit 20% from the total estimated cost is accorded by the Vice-Chancellor the Competent Authority of the University under the Powers delegated to him as per University Act.
As required detailed Comparative Statement is enclosed herewith **(Annexure-III)**.


Procurement Officer

Copy forwarded for Information to:

1. The Director Finance, DUET, Karachi
2. The Registrar, DUET, Karachi
3. The PS to Vice Chancellor, DUET, Karachi
4. The Deputy Director, SPPRA, GoS, Karachi.
5. Office File

Pl: examine
2/8
Asif

SPPRA INWARD DIARY
NO. 583
DATED: 27-07-2017

**Annual Procurement Plan for Works, Goods and Services
for Strengthening of DUET Project (Funded by HEC Included in PSDP) approved by Govt. of Pakistan
Financial Year 2017-18**

Sr. No.	Description of Procurement	Quantity (where applicable)	Estimated unit cost (where applicable)	Estimated total cost (In Million)	funds allocated (In Million)	Source of funds (ADP/Non ADP)	Proposed procurement method	Remarks
1	Procurement of Laboratory Equipments							
1.1	Lab Equipments Architecture Planning	-	-	7.643	7.643	PSDP	Open Competitive Bidding	
1.2	Lab equipments Chemical Engineering	-	-	19.119	19.119	PSDP	OCB	
1.3	Lab Equipments for Computer System Engineering	-	-	11.416	11.416	PSDP	OCB	
1.4	Lab Equipments for Electronics Engineering	-	-	30.823	30.823	PSDP	OCB	
1.5	Lab Equipment for Industrial Engineering	-	-	19.076	19.076	PSDP	OCB	
1.6	Lab Equipment for Metallurgy & Material Engineering	-	-	25.053	25.053	PSDP	OCB	
1.7	Lab Equipment for Petroleum & Gas Engineering	-	-	28.698	28.698	PSDP	OCB	
1.8	Lab Equipment for Telecommunication Engineering	-	-	21.46	21.46	PSDP	OCB	
1.9	Lab Equipment for Energy & Environment Engineering	-	-	23.92	23.92	PSDP	OCB	
2	Procurement of Works							
2.1	Rehabilitation of Existing Infrastructure (Civil works, External Development)	-	-	39.24	39.24	PSDP	OCB	
2.2	Rehabilitation/Upgradation of old Building (DUET)	-	-	14.5	14.5	PSDP	OCB	
2.3	Upgrading of the Parking Area	-	-	20.183	20.183	PSDP	OCB	
2.4	Upgrading of the Drainage System	-	-	0.76	0.76	PSDP	OCB	
2.5	Elevators & Installation	-	-	11	11	PSDP	OCB	
2.6	Washroom Works	-	-	0.869	0.869	PSDP	OCB	
2.7	Procurement of Furniture & Fixture	-	-	15.71	15.71	PSDP	OCB	


REGISTRAR
Project Director Dawood University of Engineering
Strengthening of DUET Technology, Karachi


DIRECTOR FINANCE
Dawood University of
Engineering & Technology
Karachi

DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY

Item	Name of works	Quantity	Unit	Rate	Amount
1.00	Compound Wall (Civil works) Jinnah Campus	1924.00	Rft	1,100.00	2,116,400.00
2.00	Compound Wall (Civil works) Iqbal Campus	1730.00	Rft	1,100.00	1,903,000.00
3.00	Bath Room (Civil Works)	414.00	Sft	1,300.00	538,200.00
4.00	Bath Room (Plumbing works)	414.00	Sft	300.00	124,200.00
5.00	Bath Room (Electrical Work)	414.00	Sft	500.00	207,000.00
6.00	Main Gate & Office Building (Civil Works)				3,000,000.00
7.00	Bath Room & Main Gate Office Building (Electrical Work)				500,000.00
8.00	Land & Lawn Development				1,500,000.00
9.00	Providing and laying of tiles on floor				6,020,000.00
				Total Cost	15,908,800.00

DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI
M.A. JINNAH ROAD, KARACHI.

COMPARATIVE STATEMENT OF TENDER

TENDER:-

STRENGTHENING OF DAWOOD UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI.

Item	Brief Specifications of work	M/s. Insaf & Brothers	M/s. Al-Rafiq Construction Co.
		Amount	Amount
1	Compound wall (Civil work) Jinnah Campus	1,956,310.00	5,609,095.00
2	Compound wall (Civil work) Iqbal Campus	1,690,490.00	2,758,685.00
3	Bath room (Civil work)	445,162.00	497,625.00
4	Bath room (Plumbing work)	88,000.00	1,730,000.00
5	Main Gate & Office building (Civil work)	5,281,816.00	6,499,870.00
6	Bath room & Main Gate Office building (Electrical work)	382,320.00	1,786,100.00
7	Land & Lawn development	682,700.00	1,706,750.00
8	Providing & laying of tiles on floor	9,468,240.00	10,675,350.00
		19,995,038.00	31,263,475.00

DAWOOD UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI

COMPARATIVE STATEMENT OF TENDER

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount

BOQ-I

COMPOUND WALL JINNAH CAMPUS

1.00 DEMOLITION WORK

a	Cutting & repairing of R.c.c work with SBR	3800.00	SFT	25.00	95,000.00	300.00	1,140,000.00
b	Demolition of block masonry work	3902.00	SFT	3.00	11,706.00	35.00	136,570.00
c	Cutting & repairing of plaster with SBR	5000.00	SFT	20.00	100,000.00	85.00	425,000.00
d	Cutting & repairing of plaster jari with SBR	1800.00	RFT	25.00	45,000.00	90.00	162,000.00
e	Cleaning of existing paint	40690.00	SFT	2.00	81,380.00	20.00	813,800.00
f	Cleaning of existing enamel paint	1892.00	SFT	2.00	3,784.00	20.00	37,840.00
g	Removal of existing angle iron	40.00	NOS	400.00	16,000.00	500.00	20,000.00
h	Removal of barbet wire	5000.00	RFT	10.00	50,000.00	20.00	100,000.00
i	Shifting of debris site to site	1434.00	CFT	15.00	21,510.00	50.00	71,700.00
j	Shifting of debris by track	1434.00	CFT	20.00	28,680.00	50.00	71,700.00

2.00 BLOCK MASONRY.

Providing and laying cement cement 1:9 block masonry in super structure set on 1:6 cement mortar (Use machine made block) including raking out joints and curing, etc. complete all as per specification & instructions of the Engineer. up to any height.

a) 6"th		3903.00	sft	80.00	312,240.00	95.00	370,785.00
---------	--	---------	-----	-------	------------	-------	------------

3.00 FINISHING

a	3/4"th external cement plaster in 1:4 cement mortar to walls, columns, beams etc, including groove, edges and rounding of corners of junctions as desired by the Architect including curing etc. complete at any height any floor.	7840.00	sft	25.00	196,000.00	50.00	392,000.00
---	--	---------	-----	-------	------------	-------	------------

4.00 PAINT & POLISH WORK.

a	Providing and applying 3 coats of Distemper made in Gobes paint with filling complete in all respect.	42890.00	SFT	9.00	386,010.00	30.00	1,286,700.00
b	Providing and applying 3 coats of enamel paint made in Gobes paint with filling complete in all respect.	3000.00	SFT	18.00	54,000.00	32.00	96,000.00
C	Providing and applying of marble chemical marble polish of existing compound wall complete in all respect.	1000.00	SFT	35.00	35,000.00	80.00	80,000.00

5.00 IRON WORK.

a	Providing and fixing of angle iron same as per existing complete in complete in all respect.	40.00	NOS	500.00	20,000.00	2000.00	80,000.00
b	Providing and fixing of barbat wie same as per existing complete in complete in all respect.	5000.00	RFT	100.00	500,000.00	65.00	325,000.00

TOTAL AMOUNT =

1,956,310.00

5,609,095.00

BOQ-II

**ESTIMATE OF DAWOOD UNIVERSITY ENGINEERING AND TECHNOLOGY COMPOUND WALL
(COLUMN TO COLUMN DISTANCE 12'-0"
COMPOUND WALL (COLUMN TO COLUMN DISTANCE 12'-0"
TOTAL LENGTH 585 FT, HEIGHT 7'-0" BLOCK MASONRY)
IQBAL CAMPUS**

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount
1.00	<u>DEMOLITION WORK</u>						
a	Demolition of existing compound wall & shifting of debris site to site and by track	4190.00	sft	25.00	104,750.00	40.00	167,600.00
2.00	<u>EXCAVATION</u>						
	1. Excavation for foundation in soil in wet soil including, pumping, etc. back fill between the trenches plinth and depression including leveling, breaking of clods, dressing, watering, consolidation, compacting in layers not exceeding 9" in depth complete.						
a.	Soft Soil	7621.00	cft	5.00	38,105.00	25.00	190,525.00
2.00	<u>CEMENT CONCRETE WORK.</u>						
	1. Providing and laying cement concrete (1:4:8) in foundation using approved aggregate (i.e. 1, cement, 4 sand and 8 gravel) including leveling, hammering compacting and curing, etc. complete.	527.00	cft	110.00	57,970.00	170.00	89,590.00
3.00	<u>REINFORCED CEMENT CONCRETE</u>						
	Providing and laying reinforced cement 1:3:3 (i.e. 1 cement, 3 sand, 3 gravel) including form work and its removal having straight unbroken joints, compacting leveling, roddings, machine mixing and vibrating, curing, etc. complete as per design and drawings excluding cost of steel for any floor						
a)	Footings.	730.00	cft	260.00	189,800.00	380.00	277,400.00
b)	Columns up to plinth level.	145.00	cft	280.00	40,600.00	400.00	58,000.00
c)	Columns in super structures.	290.00	cft	300.00	87,000.00	400.00	116,000.00
d)	In plinth beams/brackets.	310.00	cft	300.00	93,000.00	380.00	117,800.00
4.00	<u>PROVIDING & FIXING STEEL.</u>						
	Reinforcement of tor steel 60000 psi and Mild steel with 36000 psi yield stress according to the structural drawings. This is including cutting, bending binding, with steel, Chairs, spacers and placing in position, etc Complete. wastage will be taken by contractor and will be deducted from bill.						
a)	Tor steel.	3.50	tons	110000.00	385,000.00	115000.00	402,500.00
5.00	<u>BLOCK MASONRY.</u>						
	Providing and laying cement cement 1:9 block masonry in super structure set on 1:6 cement mortar (Use machine made block) including raking out joints and curing, etc. complete all as per specification & instructions of the Engineer. up to any height.						
a)	6"th	2026.00	sft	80.00	162,080.00	95.00	192,470.00

6.00 FINISHING

3/4"th external cement plaster in 1:4 cement mortar to walls, columns, beams etc, including grove, edges and rounding of corners of junctions as desired by the Architect including curing etc. complete at any height any floor.

13215.00 sft 30.00 396,450.00 50.00 660,750.00

7.00 PAINT WORK.

a) Providing and applying 3 coats of distemper

13215.00 sft 9.00 118,935.00 30.00 396,450.00

8.00 IRON & STEEL WORK

a Providing and fixing of steel gate with 3 coats enamel paint any colour with primer complete in all respect.

112.00 sft 150.00 16,800.00 800.00 89,600.00

TOTAL AMOUNT =

1,690,490.00

2,758,685.00

BOQ-III

BATH ROOM

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount
1.00	<u>EXCAVATION</u>						
	1. Excavation for foundation in wet soil including,pumping etc.						
	a. Soft Soil	760.00	cft	7.00	5,320.00	25.00	19,000.00
	b. Hard Soil		cft	18.00		50.00	-
	c. Rock or Stone(pit measurement)		cft	25.00		110.00	-
2.00	<u>CEMENT CONCRETE WORK.</u>						
	1. Providing and laying cement concrete 4"th, (1:4:8) in foundation using approve aggregate including levelling, hammering, compacting and and curing,etc, complete;	47.00	cft	121.00	5,687.00	170.00	7,990.00
	2. Providing and laying 6"thick stone soling laid on edge, to provide stability to excavated earth for supporting 1:4:8 etc, complete, old strong R.C.C. stones will be allowed in place of limestone.	64.00	sft	75.00	4,800.00	35.00	2,240.00
	3. Providing and laying 3"th cement concrete 1:9 bed flooring using approved aggregate (i.e. 1 cement 9 parts Bajri) including leveling , consolidation, curing etc, complete.	64.00	sft	145.00	9,280.00	65.00	4,160.00
	4. Providing and laying termite proofing	64.00	sft	50.00	3,200.00	10.00	640.00
3.00	<u>REINFORCED CEMENT CONCRETE</u>						
	Providing and laying reinforced cement 1:1 1/2:3 (i.e. 1 cement, 2.25 crush, 2.25 Bajri) including form work and its removal having straight unbroken joints, compacting, levelling rodding, machine mixing and vibrating, curing, etc. complete as per design and drawings excluding cost of steel for any floor						
a	column footing	116.00	cft	260.00	30,160.00	425.00	49,300.00
b	column upto Ground level, (1:1:2).	9.00	cft	280.00	2,520.00	455.00	4,095.00
c	in super structure (1: 1:2)	30.00	cft	280.00	8,400.00	400.00	12,000.00
d	in plinth beams/brackets,	38.00	cft	290.00	11,020.00	425.00	16,150.00
e	Beams, Bracket and Lintols	42.00	cft	290.00	12,180.00	400.00	16,800.00
f	Slabs	38.00	cft	300.00	11,400.00	425.00	16,150.00
4.00	<u>PROVIDING & FIXING STEEL.</u>						
	Reinforcement of tor steel 60000 psi and Mild steel with 36000 psi yield stress according to the structural drawings. This is including cutting, bending binding, with steel, Chairs, spacers and placing in position, etc Complete. westage will be taken by contractor and will be deducted from bill.						
a)	Tor steel.	0.65	tons	110000.00	71,500.00	115000.00	74,750.00
5.00	<u>BLOCK MASONRY.</u>						
	Providing and laying envicrete block with colour in super structure set on 1:6 cement mortar (Use machine made block) including raking out joints and curing,etc. complete all as per specification & instructions of the Engineer. upto any height.						
a)	6"th	175.00	sft	80.00	14,000.00	95.00	16,625.00
b)	4"th	90.00	sft	70.00	6,300.00	90.00	8,100.00
6.00	<u>SCREEDING/PLASTER ON ROOF.</u>						
a).	Providing and laying 3"th cement 1:6 roof using water proofing admixture						

	160 C.C. febrproof R.M.C. per beg required slopes in panels including form work consolidation finishing curing etc.	70.00	sft	200.00	14,000.00	160.00	11,200.00
7.00	<u>FLOORING</u>						
a	Providing and laying c.c. plain flooring	0.00	sft	35.00	-	100.00	-
b	Providing and laying approved quality bath floor & wall tiles set in cement mortar 1:2 laid over a bed of 2"th cement concrete 1:2:4 including compacting and curring the bed jointing and washing the tiles with neat cement slurring etc. complet to including cleaning and cast of mortar and bed concrete.	380.00	sft	300.00	114,000.00	225.00	85,500.00
8.00	<u>FINISHING</u>						
	1. 1/2" th internal cement plaster in 1:6 cement mortar to walls, columns beams, slabs, etc. including making chamferes/sharp edges and rounding of corners at junctions as desired by the Architect. including curing etc. complete at any height in any floor, use sulphate resistant cement.	215.00	sft	40.00	8,600.00	45.00	9,675.00
	2. 3/4"th external cement plaster in 1:6 cement mortar to walls, columns, beams chajjas, purdi, fins, ribbs, etc. edges and rounding of corners at junctions as desired by the Architect including curing etc. complete at any height any floor including making of drip course.	430.00		45.00	19,350.00	50.00	21,500.00
9.00	<u>JOINER CARPENTER , GLAZIER, IRON</u>						
	1. Providing and fixing at any height in any floor Deodar wood doors and as per Architect design with 2" x 7" frame including flush shutter solid of commercial ply, (Usman, starling or its equivalent) inclusive 2" wide beading all fixtures brass fittings, with imported lock 3 coats of Robialac or equiv, enamel piant etc., complete.	56.00	sft	2000.00	112,000.00	1700.00	95,200.00
	2. Providing and fixing of Bronze Anodized Aluminum sliding windows fixed at any height from floor including , hardware , fitting, and 5mm local glass, etc. with flyproofing complete in all respect.	8.00	sft	2500.00	20,000.00	900.00	7,200.00
	3. Fixing of steel gate	0.00	sft	1500.00	-	500.00	-
10.00	<u>PAINT WORK.</u>						
a.	Providing and applaning of distemper	645.00	sft	11.00	7,095.00	30.00	19,350.00
TOTAL AMOUNT =					445,162.00		497,625.00

BOQ IV

PLUMBING WORK (BATH ROOM)

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount
1.00	PLUMBING WORK, Lumpsum as per requirement up to main hole at the edge of bath room and joining to government main line per bath room only, including fixing of all fixtures and connecting it to the overhead tank .Connecting of overhead and under ground tank and all sewerage line for complete of operation of bath room included. All Upvc pipe, tees, elbows etc, for water supply both hot and cold lines All sanitary pipes to be of Upvc, 3" & 4" all internal pipe 1/2", 3/4", 1" pipe and line to to K.M.C. main hole and compound main hole to 12" dia pipe (AGM brand or equivalent.						
a	Indian w.c. with flush tank	2.00	Nos	10,000.00	20,000.00	75000.00	150,000.00
b	Wash basin complete	1.00	Nos	6,000.00	6,000.00	90000.00	90,000.00
c	Main sewerage line (1 main hole)	20.00	rft	600.00	12,000.00	4000.00	80,000.00
d	Fiber O/H tank 500 gallons	1.00	Nos	50,000.00	50,000.00	60000.00	60,000.00
TOTAL AMOUNT =					88,000.00		1,730,000.00

BOQ-V

MAIN GATE & OFFICE BUILDING

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount
1.00	<u>LAYOUT OF BUILDING</u>		LUMSUM		5,000.00	100000.00	100,000.00
2.00	<u>Demolition of works</u>						
a	R.c.c. cutting & demolition work including shifting of debris	140.00	Cft	10.00	1,400.00	300.00	42,000.00
b	Cutting of Block masonry work including shifting of debris	988.00	Sft	12.00	11,856.00	35.00	34,580.00
c	Cutting of floor	1222.00	Sft	12.00	14,664.00	70.00	85,540.00
d	Removal of stone soling	1222.00	Sft	25.00	30,550.00	50.00	61,100.00
e	Removal of door	180.00	Sft	18.10	3,258.00	70.00	12,600.00
3.00	<u>EXCAVATION</u>						
	1. Excavation for foundation in wet soil including,pumping etc.						
a.	Soft Soil	5115.00	cft	7.00	35,805.00	25.00	127,875.00
b.	Hard Soil		cft	18.00		50.00	-
c.	Rock or Stone(pit measurement)		cft	25.00		110.00	-
4.00	Earth filling in plinth with earth brought from site to site balance quantities including shifting, breaking clods, dressing, levelling watering and consolidation in 9" thick layers not excluding complete.	4100.00	cft	3.62	14,842.00	65.00	266,500.00
5.00	Earth filling in plinth with earth brought from outside approved quantities including transportation, breaking clods, dressing, levelling watering and consolidation in 9" thick layers not excluding complete.	1638.00	cft	5.00	8,190.00	70.00	114,660.00
6.00	<u>CEMENT CONCRETE WORK.</u>						
	1. Providing and laying cement concrete 4"th, (1:4:8) in foundation using approve aggregate including levelling, hammering, compacting and curing,etc, complete;	286.00	cft	121.00	34,606.00	170.00	48,620.00
	2. Providing and laying 6"thick stone soling laid on edge, to provide stability to excavated earth for supporting 1:4:8 etc, complete, old strong R.C.C. stones will be allowed in place of limestone.	3494.00	sft	75.00	262,050.00	50.00	174,700.00
	3. Providing and laying 3"th cement concrete 1:9 bed flooring using approved aggregate (i.e. 1 cement 9 parts Bajri) including leveling , consolidation, curing etc, complete.	3494.00	sft	144.29	504,149.00	65.00	227,110.00
	4. Providing and laying termite proofing	785.00	sft	9.74	7,646.00	10.00	7,850.00
7.00	<u>REINFORCED CEMENT CONCRETE</u>						
	Providing and laying reinforced cement 1:1 1/2:3 (i.e. 1 cement, 2.25 crush, 2.25 Bajri) including form work and its removal having straight unbroken joints, compacting, levelling rodding, machine mixing and vibrating, curing, etc. complete as per design and drawings excluding cost of steel for any floor						
a	column footing	676.00	cft	260.00	175,760.00	425.00	287,300.00
b	column upto Ground level, (1:1:2).	100.00	cft	280.00	28,000.00	455.00	45,500.00
c	in super structure (1: 1:2)	625.00	cft	290.00	181,250.00	455.00	284,375.00
d	in plinth beams/brackets,	439.00	cft	300.00	131,700.00	425.00	186,575.00
e	Beams, Bracket and Lintols	445.00	cft	320.00	142,400.00	400.00	178,000.00
f	Slabs	596.00	cft	300.00	178,800.00	425.00	253,300.00
g	R.c.c. floor 4" to 6"th	3594.00	cft	275.00	988,350.00	350.00	1,257,900.00

8.00 PROVIDING & FIXING STEEL.

Reinforcement of tor steel
60000 psi and Mild steel with
36000 psi yield stress
according to the structural
drawings. This is including
cutting, bending binding, with
steel, Chairs, spacers and placing
in position, etc Complete.
westage will be taken by contractor
and will be deducted from bill.

a) Tor steel. 7.50 tons 110000.00 825,000.00 115000.00 862,500.00

9.00 BLOCK MASONRY.

Providing and laying envicrete
block with colour in super
structure set on 1:6 cement mortar
(Use machine made block) including
raking out joints and curing,etc.
complete all as per specification
& instructions of the Engineer.
upto any height.

a) 6"th Envicrete block 156.00 sft 260.00 40,560.00 210.00 32,760.00
b) 4"th Envicrete block 85.00 sft 198.00 16,830.00 200.00 17,000.00
c) 2"th Envicrete block facing 2716.00 sft 125.00 339,500.00 190.00 516,040.00
d) Envicrete pavers 2372.00 sft 125.00 296,500.00 180.00 426,960.00
e) c.c. steps 10.00 cft 300.00 3,000.00 350.00 3,500.00

10.00 SCREEDING/PLASTER ON ROOF.

a). Providing and laying 3"th cement
1:6 roof using water proofing admixture
160 C.C. febproof R.M.C. per beg
required slopes in panels including
form work consolidation finishing
curing etc.

645.00 sft 60.00 38,700.00 160.00 103,200.00

11.00 FLOORING

Providing and laying approved quality
floor tiles & skirting set in cement mortar 1:2
laid over a bed of 2"th cement concrete
1:2:4 including compacting and curring
the bed jointing and washing the tiles
with neat cement slurring etc. complet
to including cleaning and cast of mortar
and bed concrete.

845.00 sft 150.00 126,750.00 225.00 190,125.00

12.00 FINISHING

1. 1/2" th internal cement plaster
in 1:6 cement mortar to walls, columns
beams, slabs, etc. including making
chamferes/sharp edges and rounding of
corners at junctions as desired by
the Architect. including curing etc.
complete at any height in any floor.
use sulphate resistant cement.

940.00 sft 45.00 42,300.00 50.00 47,000.00

13.00 JOINER CARPENTER , GLAZIER, IRON

1. Providing and fixing at any
height in any floor Deodar
wood doors and as per Architect
design with 2" x 7" frame including
flush shutter solid of commercial
ply, (Usman, starling or its
equivalent) inclusive 2" wide beading
all fixtures brass fittings, with
imported lock 3 coats of Robialac or equiv,
enamel piant etc., complete.

88.00 sft 1500.00 132,000.00 1700.00 149,600.00

2. Providing and fixing of Bronze Anodized
Aluminum sliding windows fixed at any height

	from floor including , hardware , fitting, and 5mm local glass, etc. with flyproofing complete in all respect.	119.00	sft	1500.00	178,500.00	900.00	107,100.00
	3. Providing and fixing folding /collapsable steel doors with 14 Gauge plate, with all necessary Hardware, and locks, and 3 coats of enamel paint. Complete in all respect	267.00	sft	1250.00	333,750.00	650.00	173,550.00
	4. Refixing of steel gate complete in all respect including of 3 coats of enamel paint	185.00	sft	750.00	138,750.00	250.00	46,250.00
15.00	<u>PAIN T WORK.</u>						
	1. 3 coat oil bounded distemper	940.00	sft	10.00	9,400.00	30.00	28,200.00
	TOTAL AMOUNT =				5,281,816.00		6,499,870.00

BOQ-VI FOR ELECTRICAL WORKS

BATH ROOM & MAIN GATE ENTRANCE AREA

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount

SECTION-0: GENERAL

Providing, installing, testing & commissioning of the following, complete with all required installation accessories, whether mentioned herein or not and as directed. This being a labour and material content, the contractor is responsible to provide all items as per requirement/direction. This is applicable for all sections.

SECTION-A: WIRING

Wiring for the following with 3 nos. 3/.029" single core PVC insulated copper cables in 20/25mm PVC conduits laid recessed in walls, column, ceiling, etc, as required complete with PVC junction boxes, plastic covers, ceiling roses, 5A, one-way piano type switch installed in 16 SWG switchboards having white acrylic covers fixed with stainless steel screws, etc. as required.

a)	Light point from switch to point	32	Point	400	12,800.00	20000.00	640,000.00
b)	Light point from another light point	4	Point	450	1,800.00	5000.00	20,000.00
c)	Ceiling fan point with U-type hook	4	Poin	1000	4,000.00	10000.00	40,000.00
d)	Exhaust fan point	2	Point	450	900.00	3000.00	6,000.00
e)	5A, 5-pin, outlet on wall including outlet installed in 16 SWG outlet box	2	Point	500	1,000.00	5000.00	10,000.00
f)	Bracket fan point	1	Point	450	450.00	5000.00	5,000.00
	Same as item No. 1 but for 10A, 2-pin switch and socket outlet on switchboard	6	Point	850	5,100.00	5000.00	30,000.00
	Wiring for circuits/sub-circuits, 15A, 3-pin outlets on walls with 3 nos. 7/.029" single core cables in 20/25mm PVC conduits laid recessed as required, complete with pull boxes	8	Point	3000	24,000.00	9000.00	72,000.00
	15A, 3-pin combined switch socket outlet installed in 16 SWG sheet steel outlet boxes and fixed with stainless steel screw	5	Nos.	10000	50,000.00	5000.00	25,000.00
	Wiring of 15A outlets with the following cables:						
a.	3 (1x4 mm) Cables.	3	Point	4000	12,000.00	5000.00	15,000.00

SECTION-B: DISTRIBUTION BOARDS, INTERCOM DATA SYSTEM

The following distribution boards having lockable hinged doors with padlocking arrangement, 16 SWG powder – coated sheet steel body, ammeter indicating lights on the incoming side, etc. all complete.

a) Distribution Board Toilet

Incoming: 1 No. 30A, DP MCB, 15KA

Outgoings: 1 Nos. 10A SP MCBS

2 Nos. 15A SP MCBS

1	No.	4000	4,000.00	600.00	600.00
---	-----	------	----------	--------	--------

b) Distribution Board Office

Incoming: 1 No. 40A, TP MCB, 15KA

Outgoings: 5 Nos. 15A TP MCBS, 10KA

2 Nos. 10A SP MCBS

4 No. space for SP MCBS

1	No	30000	30,000.00	50000.00	50,000.00
---	----	-------	-----------	----------	-----------

c) Distribution Board 01

Incoming: 1 No. 15A, TP MCB

Outgoings: 2 Nos. 15A SP MCBS

2 Nos. 10A SP MCBS

2 No. space for SP MCBS

2	No	18000	36,000.00	20000.00	40,000.00
---	----	-------	-----------	----------	-----------

Intercom & Telephones points and wiring

with 4 pair CAT se cable from interom distribution panel (complete) as per instructions of Engineer.	2	Nos.	25000	50,000.00	45000.00	90,000.00
8-way HUB installed as required.	1	Nos.	15000	15,000.00	40000.00	40,000.00
Wiring of data outlets with CAT 6e cables in 25mm edts from HUB	2	Nos.	20000	40,000.00	8000.00	16,000.00
Wiring between huba with fiture optic cable in 1in alt						
	lumsun		35000		200000.00	200,000.00
Earthing point with 2 x 2.5sq.mm						
Earthing leads 2ft x 2ft x 1/4 in copper						
Earthing plate, etc as required	lumsun		35000		150000.00	150,000.00
SECTION-C: FITTINGS AND FIXTURES						
The following light fixture of approved make complete with starters, holders, capacitors, etc.						
1 x 12w LED Tubelight (fixtue as approved	8	Nos.	1800	14,400.00	5000.00	40,000.00
1 x 18w LED Tubelight (fixtue as approved	8	Nos.	2100	16,800.00	6000.00	48,000.00
2 x 18w LED light (fixtue with refuector louvers, etc.	10	Nos.	2100	21,000.00	8000.00	80,000.00
20w square LED light (fixtue)	5	Nos.	1500	7,500.00	3000.00	15,000.00
7w square LED light (fixtue)	1	Nos.	1200	1,200.00	2500.00	2,500.00
The following fans completet with dimmers, etc						
56 in ceiling fan with 2ft down rods.	2	Nos.	3185	6,370.00	7000.00	14,000.00
12" Exhaust fan with shutters plastic body	2	Nos.	2500	5,000.00	5000.00	10,000.00
14" in bracket fan	2	Nos.	3000	6,000.00	6000.00	12,000.00
CC TV point wiring as approved	1	job	7000	7,000.00	15000.00	15,000.00
Pen-tilt type CC TV camera as per approved manufacture	1	job	10000	10,000.00	100000.00	100,000.00
TOTAL Rs. =				382,320.00		1,786,100.00

BOQ-VII

LAND & LAWN DEVELOPMENT

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount

LAND & LAWN DEVELOPMENT

Up-Dating of the Parking area and pathways.(Envicrete Pavor Block with sand compacting and footpath construction complete in all respect and as directed by the Engineer)	6827.00	SFT	100.00	682,700.00	250.00	1,706,750.00
TOTAL RS.				682,700.00		1,706,750.00

PROVIDING AND LAYING OF TILES ON FLOOR

BOQ-VIII (CIVIL WORKS)

Item	Brief Specifications of work	Quantity	Unit	M/s. Insaf & Brothers		M/s. Al-Rafiq Construction Co.	
				Rate	Amount	Rate	Amount
	<u>Non-Schedule Item</u>						
A	Providing and laying of National Tiles on stair of approved shape/pattern at any height and floor including cutting, tucking of existing surface, fixing with approved bond and filling joints with cement slurry using matching color pigment, curing, cleaning and finishing, the rate includes removing of paint from the existing walls and leveling of the floor and wastage of tiles etc: complete in all respects as per	6300.00	SFT	225.00	1,417,500.00	200.00	1,260,000.00
B	Providing and laying local/imported porcelain tiles (size 24" x 24") of approved quality at any height and floor including cutting, tucking of existing surface, fixing with approved bond and filling joints with cement slurry using matching color pigment, curing, cleaning and finishing, the rate includes removing of paint from the existing walls and leveling of the floor and wastage of tiles etc: complete in all respects as per	36846.00	SFT	190.00	7,000,740.00	225.00	8,290,350.00
C	Providing and laying local/imported porcelain tiles skirting (size 24" x 24") of approved quality at any height and floor including cutting, tucking of existing surface, fixing with approved bond and filling joints with cement slurry using matching color pigment, curing, cleaning and finishing, the rate includes removing of paint from the existing walls and leveling of the floor and wastage of tiles etc: complete in all respects as per	5000.00	SFT	210.00	1,050,000.00	225.00	1,125,000.00
Total Amount (Rs.)					9,468,240.00		10,675,350.00