

Bid Evaluation Report

1. Name of Procuring Agency: The Karachi Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi
2. Tender Reference No: KIBGE/SSS/16-02-16
3. Tender Description/Name of work/item: Supply & Installation of "Security and Surveillance System" ✓
4. Method of Procurement: Single Stage: One Envelop
5. Tender Published: SPPRA S. No. 26247 Daily Dawn 24-01-2016 & Daily Jang 25-01-2016
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold: Thirteen (13)
7. Total Bids Received: Ten (10)
8. Technical Bid Opening date: (if applicable) 16-02-2016 ✓ *(Provide details in separate form)*
9. No. of Bid technically qualified (if applicable): Two (02)
10. Bid(s) Rejected: Eight (08)
11. Financial Bid Opening date: 16-02-2016 ✓

Signatures of the Members of the Committee.

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE),
University of Karachi.

Muhammad Ahmed Buland Khan
Network Administrator
Member (KIBGE)

Galani

Dr. Saddia Galani
Assistant Professor
Member (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE),
University of Karachi.

Imran Rafiq

Imran Rafiq
Administrative Officer
Member (KIBGE)

Imran Rafiq
Administrative Officer
Dr. A.Q. Khan Institute of Biotechnology
& Genetic Engineering (KIBGE)
University of Karachi

Shahid Hussain Zaidi

Prof. Dr. S. Shahid Hussain Zaidi
Professor, Applied Physics
University of Karachi
Member

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi

S.M. Arshad Hussain

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member

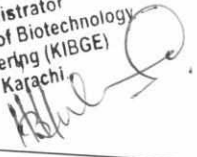
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Reasons for acceptance/rejection	Remarks
0	1	2	3	5	6
1.	M/s. I.O.S International Office Suppliers	Rs. 1,300,032/-	-----	Rejected on the basis of Technical qualification	Rejected
2.	M/s. GVT (Pvt). Ltd.	Rs. 1,449,870/-	-----	Rejected on the basis of Technical qualification	Rejected
3.	M/s. SCT Group	Rs. 1,855,643/-	-----	Rejected on the basis of Technical qualification	Rejected
4.	M/s. Vital International	Rs. 2,119,625/-	-----	Rejected on the basis of Technical qualification	Rejected
5.	M/s. Memon Associates Marketing	Rs. 2,208,375/-	1 st Lowest	Selected on the basis of Technical qualification	Selected
6.	M/s. Computer Need Network	Rs. 2,317,500/-	2 nd Lowest	Technically qualified but not lowest	-----

Signatures of the Members of the Committee.

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi



Muhammad Ahmed Buland Khan
Network Administrator
Member (KIBGE)



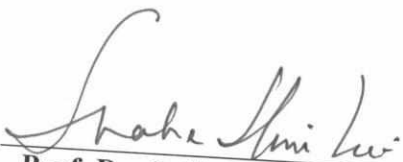
Dr. Saddia Galani
Assistant Professor
Member (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE),
University of Karachi



Imran Rafiq
Administrative Officer
Dr. A.Q. Khan Institute of Biotechnology
& Genetic Engineering (KIBGE)
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)



Prof. Dr. S. Shahid Hussain Zaidi
Professor, Applied Physics
University of Karachi
Member
DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi



S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member

S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.



**The Karachi Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi**



Tender Opening Minutes

Subject: Tender for Supply & Installation of "Security and Surveillance System"

TENDER NOTICE NO. KIBGE/SSS/16-02-16.

Open tenders through the press in Daily Dawn and Daily Jang were issued on 24 and 25 January, 2016. Sealed tender bids were opened as per SPP Rules 2010 in the presence of representatives of the suppliers and following tender opening committee members on February 16, 2016 at 3:00 p.m. in the conference room of KIBGE, University of Karachi.

- | | |
|-----------------------------------|---|
| 1. Prof. Dr. Abid Azhar | Director General, KIBGE |
| 2. Prof. Dr. Shahid Hussain Zaidi | Member, Technical Committee, UoK |
| 3. Dr. Saddia Galani | Assistant Professor, KIBGE |
| 4. Mr. Muhammad Ahmed Buland Khan | Network Administrator, KIBGE |
| 5. Mr. Muhammad Naveed Akhtar | Accounts Officer, KIBGE |
| 6. Mr. Imran Rafiq | Administrative Officer, KIBGE |
| 7. Mr. Qamar Iqbal Khan | Chief Accountant, University of Karachi |
| 8. Mr. Mashood | Auditor, University of Karachi |
| 9. Mr. S. M. Arshad Hussain | Purchase Officer, University of Karachi |

The tender document was purchased by Thirteen (13) companies, out of which the following Ten (10) companies participated in the tender, while three (03) companies M/s. Satcom (Pvt.) Ltd., M/s. GCS and M/s. Jawed Trading Corporation did not submit the tender.

Sr. #	Company Name	Sr. #	Company Name
1.	M/s. IOS International Office Suppliers	2.	M/s. Vital International
3.	M/s. SCT Group	4.	M/s. Orient Energy System (Pvt.) Ltd.
5.	M/s. CSG Engineering Services	6.	M/s. Memon Associates Marketing
7.	M/s. Computer Need Network	8.	M/s. M. M. Corporation
9.	M/s. GVT (Pvt.) LTD.	10.	M/s. KIM Telicom Services

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi.

M. Ahmed Buland Khan
Network Administrator
Member, KIBGE

Galani
Dr. Saddia Galani
Assistant Professor
Member, KIBGE

Imran Rafiq
Imran Rafiq
Administrative Officer
Member, KIBGE

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology
& Genetic Engineering (KIBGE)
University of Karachi

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE),
University of Karachi.

Shahid Hussain Zaidi
Prof. Dr. S. Shahid Hussain Zaidi
Professor, Applied Physics
Member
University of Karachi

SHAHID HUSSAIN ZAIDI

OR
of Applied Physics
of Karachi

S.M. Arshad Hussain
S. M. Arshad Hussain
Purchase Officer
Member
University of Karachi

S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

Out of above ten (10) companies, the following two companies were rejected by the tender opening committee on the commercial grounds (short of earnest money).

1) M/s. M. M. Corporation

2) M/s. KIM Telicom Services

Comparative Statement has been prepared from lowest bid value to the highest bid value. The Technical Committee has evaluated the comparative statement on the basis of quality and then cost.

After detail discussion and deliberation the Technical Committee recommended that to award the tender "Supply & Installation of Security and Surveillance System" tender notice No. KIBGE/SSS/16-02-16 to M/s. Memon Associates Marketing at the cost of Rs. 2,208,375/- (Rupees: Two Million Two Hundred Eight Thousand Three Hundred Seventy Five Only).

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi

M. Ahmed Buland Khan
Network Administrator
Member, KIBGE

Dr. Saddia Galani
Assistant Professor
Member, KIBGE

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE),
University of Karachi.

Imran Rafiq
Administrative Officer
Member, KIBGE

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology
& Genetic Engineering (KIBGE)
University of Karachi

Prof. Dr. S. Shahid Hussain Zaidi
Professor, Applied Physics
Member
University of Karachi

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi

S. M. Arshad Hussain
Purchase Officer
Member
University of Karachi

S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Comparative Statement
Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

Item	Qty	International Office Supplies	GVT (Pvt) Ltd.	SCT Group	Vital International	Memon Associates Marketing	Computer Need Networks	CSG Engineering Services	Orient Energy System (Pvt) Ltd.
1.1 Dome Camera Reception	1	7,091	11,700	18,162	14,040	11,000	17,000	15,750	18,626
1.2 Bullet Camera Inside (30M)	27	191,466	347,490	395,469	379,080	332,100	445,500	499,500	573,158
1.3) Bullet Camera Out side (50M)	8	56,728	140,400	146,856	229,320	142,400	367,200	182,000	131,477
1.4) Bullet Camera Outside (100M)	4	28,364	93,600	82,024	114,660	208,000	277,000	180,000	306,780
1.5 Dome Camera outside reception (30M)	1	5,868	10,764	17,186	11,115	17,800	12,150	15,000	21,228
2.1) Network Video Recorder (NVR)	3	128,378	122,850	131,823	235,170	195,000	182,250	495,000	649,168
3.1) POE Switch 16 Port	2	90,000	46,800	76,000	102,960	70,000	86,400	54,000	49,304
3.2) POE Switch 08 Port	6	174,000	119,340	162,000	154,440	132,000	120,000	87,000	147,912
4) Hard Drive	4	61,132	52,416	56,000	81,900	53,200	68,000	50,000	47,032
5) CMS Software	1	15,000	11,700	110,000	-	25,000	18,000	35,500	138,186
6) Access Control System	1	30,566	58,500	52,000	76,050	65,000	65,000	90,000	40,314
7) Monitor Screen	3	91,500	115,830	85,500	119,340	96,000	99,000	120,000	107,503
8.1) Rack	1	18,339	10,530	13,000	17,550	15,000	15,000	16,000	13,214
8.2) Cable	10	151,600	157,950	150,000	234,000	125,000	155,000	185,000	156,775
8.3) Complete Installation & commissioning	1	250,000	150,000	90,000	350,000	400,000	390,000	325,000	324,091
Total		1,300,032	1,449,870	1,586,020	2,119,625	1,887,500	2,317,500	2,349,750	2,724,768
G. S. T		-	-	269,623	-	320,875	-	-	463,211
Total Including Taxes		1,300,032	1,449,870	1,855,643	2,119,625	2,208,375	2,317,500	2,349,750	3,187,979
Remarks		Technically Rejected	Technically Rejected	Technically Rejected	Technically Rejected	1st Lowest	2nd Lowest	Technically Rejected	3rd Lowest

Accepted

Galani

9/15/16

Accepted

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)

Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Imran Rafiq
Administrative Officer
Member (KIBGE)

S. M. Arshad Hussain
Purchase Officer
University of Karachi

S. M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi

Dr. S. Shaid Hussain Zaidi
Professor, Applied Physics
Member

DR. S. SHAHID HUSSAIN Zaidi
PROFESSOR
Department of Applied Physics
University of Karachi

IMPORTANT NOTICE
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE)
University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report
 Tender for Supply & Installation of "Security and Surveillance System"
 Tender Notice No. KIBGE/SSS/16-02-16.

1.1 Dome Camera Reception	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. Dome Camera.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
2. Progressive Scan CMOS Image Sensor.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
3. Up to 2 megapixel high resolution	Yes	Yes	Yes	5MP	Details not provided	Yes	Yes	Yes
4. 3.6mm/6mm fixed lens	Yes	Yes	Yes	2.8"-12mm (V/F)	Details not provided	Yes	Yes	NO
5. Angle Of View: 120 degree.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
6. Supports PoE, H.264/MJPEG/H.264+.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
7. Image Resolution 1920 x 1080.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
8. RJ45 10M / 100M Ethernet interface.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
9. IR Range 10meters.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
10. Operating Temperatures: 10 °C ~ 60 °C.	(10°C) to 50°C	(30°C) to 60°C	Yes	0° to 45°C	Details not provided	(35°C) to 60°C	(30°C) to 60°C	Yes
11. Make and Origin	Shany (china)	DAHUA (China)	HIKVision (china)	Asoni (Taiwan)	USA	Tiandy (China)	CP Plus (Germany)	Longse (China)
Cost by vendor in PKR	7,091	14,040	18,162	18,626	15,750	11,000	17,000	11,700

Muhammad Ahmed Buland Khan
 Network Administrator
 Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
 University of Karachi
 Muhammad Ahmed Buland Khan
 Network Administrator
 Member, (KIBGE)

Qadri

Imran Rafiq
 Administrative Officer
 Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
 University of Karachi

S. M. Arshad Hussain
 Purchase Officer
 University of Karachi
 Member
S.M. ARSHAD HUSSAIN
 Purchase Officer
 University of Karachi.

Dr. Saddia Galani
 Assistant Professor
 Member, (KIBGE)
Dr. Saddia Galani
 Assistant Professor
 Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
 University of Karachi

Dr. S. Shahid Hussain Zaidi
 Professor, Applied Physics
 University of Karachi
 Member

DR. S. SHAHID HUSSAIN ZAIDI
 Professor, Applied Physics
 Department of Applied Physics
 University of Karachi
 Member



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.



1.2 Bullet Camera Inside (30M)		IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT	
1. Bullet camera.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
2. Progressive scan CMOS Image Sensor.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
3. 2MP High Resolution.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
4. Lens: 3.6mm/ 6mm fixed lens.	Yes	Yes	Yes	NO	NO	Details not provided	Yes	Yes	Yes	
5. Angle of view: 70 degree (Minimum).	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
6. Supports PoE, H.264 MJPEG.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
7. IR Range 30m.	Yes	Yes	Yes	NO	NO	Details not provided	Yes	Yes	Yes	
8. Resolution 1080 (1920 x 1080).	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
9. RJ45 10M / 100M Ethernet interface.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
10. Operating Temperatures: 10 °C ~ 60 °C.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes	
11. Make and Origin	(10°C) to 50°C Shany (china) 191,466	(30°C) to 60°C DAHUA (China) 379,080	Yes	Yes	(40°C) to 45°C ASoni (Taiwan) 573,158	Details not provided USA 499,500	Yes	(30°C) to 60°C CP Plus (Germany) 445,500	Yes	Longse (China) 347,490

Cost by vendor in PKR

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi
Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

[Signature]

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

[Signature]

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)
Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

KIBGE
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

[Signature]

Imran Rafiq
Administrative Officer
Member (KIBGE)
DR. S. SHAHID HUSSAIN ZAIDI
Professor, Applied Physics
Department of Applied Physics
University of Karachi
Member
DR. S. SHAHID HUSSAIN ZAIDI
Professor, Applied Physics
Department of Applied Physics
University of Karachi
Member



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

1.3) Bullet Camera Out-side (50M)		IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT							
1. Progressive scan CMOS Image Sensor.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
2. 2MP High Resolution.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
3. Lens: 3.6mm/12mm fixed lens.	NO	NO	NO	4mm (6.16mm)	NO	Details not provided	Yes	Yes	Yes							
4. Angle of View: 80 degree Minimum.	Yes	Yes	Yes	85°	Yes	Details not provided	2.8"12mm(V/f)	2.7"12mm(V/F)	NO							
5. IR Range: 50 Meters.	NO	Yes	Yes	Yes	40m	Details not provided	94°	Yes	Yes							
6. Supports PoE, H.264 MJPEG video Compression.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	NO							
7. Resolution 1080P (1920x1080).	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
8. RJ45 10M / 100M Ethernet interface.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
9. Weather Proof.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
10. Operating Temperatures: 10°C~+60°C.	(10°C) to 50°C	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
11. Make and Origin	Shany (china)	56,728	DAHUA (China)	229,320	HIKVision (china)	146,856	Asoni (Taiwan)	131,477	USA	182,000	Tandy (China)	142,400	CP Plus (Germany)	367,200	Longse (China)	140,400

Cost by vendor in PKR

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

S. M. Arshad Hussain
Purchase Officer
University of Karachi

S. M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

Imran Rafiq
Administrative Officer
Member (KIBGE)

Imran Rafiq
Administrative Officer
Member (KIBGE)

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi

DR. S. SHAHID HUSSAIN ZAIDI
Professor, Applied Physics
University of Karachi
Member



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.

1.4) Bullet Camera Outside (100M)	IOS	Vital	SCT	Orient	CSG	Memor	CNN	GVT
1. Progressive scan CMOS Image Sensor.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
2. 2MP High Resolution.	Yes	Yes	1.3MP	2MP	Details not provided	Yes	Yes	Yes
3. Lens: 6mm/12mm fixed lens.	NO	NO	4mm(6.16mm)	10~40mm (V/F)	Details not provided	4.7~94mm (V/F)	3.3~12mm (V/F)	NO
4. Angle of View: 70 degree (Minimum).	Yes	Yes	Yes	Yes	Details not provided	54°	Yes	Yes
5. IR Range: 100 Meters.	NO	80m	80m	Yes	Details not provided	80m	100m	90m
6. Resolution: 1080P (1920x1080).	Yes	Yes	NO	Yes	Details not provided	Yes	Yes	Yes
7. Supports PoE, H.264 & MJPEG dual-stream encoding.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
8. RJ-45 (10/100Base-T) Ethernet Interface.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
9. Weather Proof.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
10. Operating Temperatures: 10°C~+60°C.	(10°C) to 50°C	(30°C) to 60°C	Yes	(10°C) to 45°C	Details not provided	Yes	Yes	Yes
11. Make and Origin	Shany (China)	DAHUA (China)	HIKVision (China)	Asoni (Taiwan)	USA	Tiandy (China)	CP Plus (Germany)	Longse (China)
Cost by vendor in PKR	28,364	114,660	82,024	306,780	180,000	208,000	277,000	93,600

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

Dr. Soddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Soddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Dr. Syed Shahid Hussain Zaidi
Professor, Applied Physics
University of Karachi

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi
Member



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.



1.5 Dome Camera outside reception (30M)		IOS	Vital	SCT	Orient	CSG	Memor	CNN	GVT							
1. Progressive scan CMOS Image Sensor.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
2. 1.3MP High Resolution.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
3. Lens: 3.6mm/8mm fixed lens.	Yes	NO	NO	NO	NO	Details not provided	Yes	Yes	Yes							
4. Resolution: 1080P (1920x1080).	Yes	NO	NO	NO	NO	Details not provided	Yes	Yes	NO							
5. Angle of View: Min. 110 degree (Minimum).	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
6. IR Range of 30 meters.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
7. Supports PoE, H.264 and MJPEG dual-stream encoding.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
8. RJ-45 (10/100Base-T) Ethernet Interface.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
9. Weather Proof.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
10. Operating Temperatures: 10°C~+60°C.	Yes	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
11. Make and Origin	Shany (China)	10°C to 50°C	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes							
Cost by vendor in PKR		5,868	DAHUA (China)	11,115	HIKVision (China)	17,186	Asoni (Taiwan)	21,228	USA	15,000	Tiandy (China)	17,800	GP Plus (Germany)	12,150	Longse (China)	10,764

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

S. M. Ashad Hussain
Purchase Officer
University of Karachi

S. M. Ashad Hussain
Purchase Officer
University of Karachi
Member
Purchase Officer
S.M. ARSHAD HUSSAIN
University of Karachi.

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi
Member
Dr. S. SHAHID HUSSAIN ZAIDI
Professor, Applied Physics
University of Karachi
Member



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.



2.1) Network Video Recorder (NVR)	IOS	Vital	SCT	Orient	CSG	Memor	CNN	GVT
1. 16 Channel with 1080P live views.	NO (720P)	Yes	Yes	Yes	Details not provided	20ch	32 ch	25ch
2. Up to 5 MP resolution.	No detail found in Brochure	Yes	Yes	Yes	Details not provided	Yes	Yes	No detail found in Brochure
3. Supports Up Multi brand Network Cameras and PTZ cameras.	do not support multi brand cameras	Yes	Yes	do not support multi brand cameras	Details not provided	Yes	Yes	do not support multi brand cameras
4. Local Display: HDMI/VGA.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
5. Video Compression: H.264, MJPEG.	H.264 not available	Yes	H.264 not available	Yes	Details not provided	Yes	Yes	H.264 not available
6. Simultaneous Playback: Up to 16Ch (Local Monitor, Web & CMS)	4ch	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
7. Supports 4 SATA HDDs Up to 8TB.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
8. Supports USB 2.0 & 3.0, web viewer, CMS, Mobile support & Remote Control.	do not support (USB 3.0)	Yes	Yes	Yes	Details not provided	Yes	Yes	do not support (USB 3.0)
9. Playback Control: Fast/Slow, Forward/Backward, Move one step up/down.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
10. Supports IPv4/IPv6, Audio port (RCA/LINE), Ethernet RJ-45 100Mbps, Alarm, Preset, Log list, Backup files in JPG/AVI.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
11. Make and Origin	Shany (china)	DAHUA (China)	HIKvision (china)	Asoni (Taiwan)	USA	Tiandy (China)	CP Plus (Germany)	Longse (China)
Cost by vendor in PKR	128,378	235,170	131,823	649,168	495,000	195,000	182,250	122,850

Muhammad Ahmed Buland Khan
 Network Administrator
 Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi

Signature

Imran Rafiq
 Administrative Officer
 Member (KIBGE)
 Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi

S.M. Asbaid Hussain
 Purchase Officer
 University of Karachi
 Member

S.M. ARSHAD HUSSAIN
 Purchase Officer
 University of Karachi

Dr. Saddia Galani
 Assistant Professor
 Member, (KIBGE)
 Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi

Signature

Imran Rafiq
 Administrative Officer
 Member (KIBGE)

Dr. S. SHAHID HUSSAIN ZAIDI
 PROFESSOR
 Department of Applied Physics
 University of Karachi
 Member

Prof. Dr. Syed Shahid Hussain Zaidi
 Professor, Applied Physics
 University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.

3.1) PoE Switch 16 Port	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVV
1. 16 Ri-45 Ports for 10/100/1000 BASE-TX connections.	28 Port	Details not provided	Details not provided	Details not provided	Details not provided	28 Port	28 Port	Yes
2. Auto MDI/MDI-X support on all ports.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
3. Supports Jumbo Frame, Auto negotiation, Full and Half duplex.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
4. PoE support on all ports.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Support PoE and PoE +	Yes	Does not Support PoE
5. Mounting Kit for installation into standard Racks.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
11. Make and Origin	Cisco (USA)	Urepo (China)	Details not provided	Cisco (USA)	Details not provided	TP-Link (H.K, China)	D-Link (Taiwan)	TP-Link (H.K, China)
Cost by vendor in PKR	90,000	102,960	76,000	49,304	54,000	70,000	86,400	46,800

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member

S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)

Prof. Dr. Syed Shahid Hussain Zaidi
DR. S. SHAHID HUSSAIN ZAIDI
Professor, Applied Physics
Department of Applied Physics
Member
University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report
Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

3.2) PoE Switch 08 Port	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. 8 Ports RJ-45 Ports for 10/100/1000 BASE-TX connections.	10 Ports	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	10 ports
2. Auto MDI/MDI-X support on all ports.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
3. Supports Jumbo Frame, Auto negotiation, Full and Half duplex.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
4. PoE support on all ports.	8 Ports PoE	Details not provided	Details not provided	Details not provided	Details not provided	Support PoE and PoE +	Yes	Does not Support PoE
5. Mounting Kit for installation.	Yes	Details not provided	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
11. Make and Origin	Cisco (USA)	Utepo (China)	Details not provided	Details not provided	Details not provided	Yes	Yes	Yes
Cost by vendor in PKR	174,000	154,440	162,000	147,912	87,000	132,000	120,000	119,340

Muhammad Ahmed Buland Khan
 Network Administrator
 Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
 University of Karachi

Dr. Saddia Galani
 Assistant Professor
 Member, (KIBGE)

Imran Rafiq
 Administrative Officer
 Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE)
 University of Karachi

S. M. Arshad Hussain
 Purchase Officer
 University of Karachi
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi

Dr. Saddia Galani
 Assistant Professor
 Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
 University of Karachi

Prof. Dr. Syed Shahid Hussain Zaidi
 Professor, Applied Physics
 University of Karachi
DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

4) Hard Drive	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. 2TB Hard Drive (For NVR).	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
3. SATA / e-SATA.	SATA	SATA	SATA	SATA	Details not provided	SATA	SATA	SATA
11. Make and Origin	Seagate (USA)	Details not provided	Details not provided	Seagate (USA)	Details not provided	Seagate (USA)	Seagate (USA)	Details not provided
Cost by vendor in PKR	61,132	81,900	56,000	47,032	50,000	53,200	68,000	52,416

Muhammad Ahmed Buland Khan
Network Administrator
Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Muhammad Ahmed Buland Khan

Network Administrator
Member, (KIBGE)

Signature

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi

Prof. Dr. Syed Shahid Hussain Zaidi
Professor, Applied Physics
Department of Applied Physics
University of Karachi
Member
DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

5) CMS Software	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. Video Format: H.264, MPEG-4, MJPEG.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
2. NVR Support.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
3. Window split Up to 16 screen.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
4. Supported on 2 systems (computers) Minimum.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
5. PTZ support.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
6. Simple Recording, Playback and Download.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
7. Snapshot/print image, Brightness/contrast control, Keep aspect ratio, Digital zoom.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
8. Search option by date and Event.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
9. Up to 16 cameras can be played simultaneously.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
10. Motion Detect, Video Loss, Device Disconnection and host alarm support.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
11. IP address, Domain name, User Name and Password, group user management. Log search.	Details not provided	Details not provided	Details not provided	Yes	Details not provided	Yes	Details not provided	Yes
11. Make and Origin	Shany (Taiwan)			Yes				Yes
Cost by vendor in PKR	15,000	0	110,000	138,186	35,500	25,000	18,000	11,700

Muhammad Ahmed Buland Khan

Network Administrator

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Muhammad Ahmed Buland Khan

Network Administrator

Member, (KIBGE)

[Signature]

S. M. Arshad Hussain

Purchase Officer

University of Karachi

Member

S.M. ARSHAD HUSSAIN

Purchase Officer

University of Karachi.

[Signature]

Dr. Saddia Galani

Assistant Professor

Member, (KIBGE)

Dr. Saddia Galani

Assistant Professor

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Imran Rafiq
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE), University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)

[Signature]

DR. S. SHAHID HUSSAIN ZAIDI

PROFESSOR
Department of Applied Physics
University of Karachi

University of Karachi Member



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

6) Access Control System	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. Face identification Time Attendance machine.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
2. User capacity 2000.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
3. Minimum 256MB Flash & 64 MB RAM	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
4. High resolution camera.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
5. Supports RF ID card.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
6. Time attendance software.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
7. Ports Included: RS232/485, LAN, and USB.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
8. Identification speed <=2sec.	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
9. Operating temperatures: 0°C to 45°C	Yes	Yes	Details not provided	Yes	Details not provided	Yes	Yes	Yes
11. Make and Origin	ZK-Techno (China) IFACE 320	ZK-Techno (China) IFACE 502	Details not provided	ZK-Techno (China) IFACE 800	Details not provided	ZK-Techno (China) IFACE 800	ZK-Techno (China) IFACE 800	ESTEE
Cost by vendor in PKR	30,566	76,050	52,000	40,314	90,000	65,000	65,000	58,500

Muhammad Ahmed Buland Khan

Network Administrator

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE) University of Karachi

Muhammad Ahmed Buland Khan

Network Administrator

Member, (KIBGE)

(Signature)

Dr. Saddia Galani

Assistant Professor

Member, (KIBGE)

IMRAN RAFIQ
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE) University of Karachi

Imran Rafiq

Administrative Officer
Member (KIBGE)

(Signature)

Prof. Dr. Syed Shahid Hussain Zaidi

Professor, Applied Physics

University of Karachi

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member

S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

Dr. Saddia Galani

Assistant Professor

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

DR. S. SHAHID HUSSAIN ZAIDI

PROFESSOR

Department of Applied Physics

University of Karachi



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.

7) Monitor Screen	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
32" CCTV Color LED HD TV with all connecting cords and mounting (Wall and Stand) accessories.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
11. Make and Origin	Samsung (China)	Details not provided	Details not provided	Samsung (China)	Details not provided	Eco Star (China)	Samsung (China)	Details not provided
Cost by vendor in PKR	91,500	119,340	85,500	107,503	120,000	96,000	99,000	115,830

8.1) Rack	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
15U Standard Networking Rack (Wall mount/Stand alone)	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
Cost by vendor in PKR	18,339	17,550	13,000	13,214	16,000	15,000	15,000	10,530

Muhammad Ahmed Buland Khan
Network Administrator
Dr A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi.

DR. S. SHAHID HUSSAIN
PROFESSOR
Department of Applied Physics
University of Karachi

Prof. Dr. Syed Shahid Hussain Zaidi
Professor, Applied Physics
Member

MIRAN RAHIM
Administrative Officer
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi
Member, (KIBGE)



The Karachi Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Technical Evaluation Report
Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

8.2) Cable	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. CAT.6 UTP cable.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
2. UTP PVC 4 Pairs Cable.	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
3. Size: 305 Meter per Box. (1000ft)	Yes	Yes	Yes	Yes	Details not provided	Yes	Yes	Yes
4. Brands: 3M/Panduit	3M (USA)	3M (USA)	Details not provided	3M (USA)	Details not provided	3M (China)	3M (USA)	3M (USA)
Cost by vendor in PKR	151,600	234,000	150,000	156,775	185,000	125,000	155,000	157,950

Muhammad
Dr. A.Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE)
University of Karachi
Muhammad Ahmed Buland Khan
Network Administrator
Member, (KIBGE)

Enlowi

Dr. Saddia Galani
Assistant Professor
Member, (KIBGE)

Imran Rafiq
Administrative Officer
Dr. A.Q. Khan Institute of Biotechnology & Genetic Engineering (KIBGE)
University of Karachi

Imran Rafiq
Administrative Officer
Member (KIBGE)

S. M. Arshad Hussain
Purchase Officer
University of Karachi
Member
S.M. ARSHAD HUSSAIN
Purchase Officer
University of Karachi

Dr. Saddia Galani
Assistant Professor
Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE),
University of Karachi

DR. S. SHAHID HUSSAIN ZAIDI
PROFESSOR
Department of Applied Physics
University of Karachi
Prof. Dr. Syed Shahid Hussain Zaidi
Professor Applied Physics
University of Karachi
Member

Dr. A. Q. Khan Institute of Biotechnology & Genetic
Engineering (KIBGE)
University of Karachi

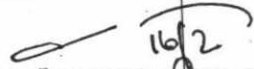
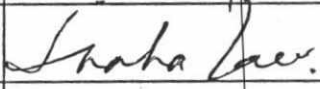
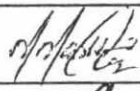
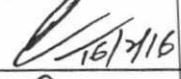
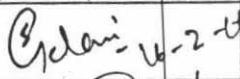
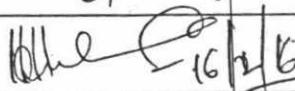

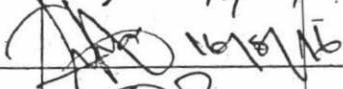

16-Feb-16

"SECURITY & SURVELLANCE SYSTEM"

Tender Notice No. KIBGE/SSS/16-02-16

Subject: Tender Opening Committee

Attendance Sheet

S.No	Name	Designation	Signature
1	Prof. Dr. Abid Azhar	Director General	 16/2
2	Prof. Dr. Syed Shahid H. Zaidi	University of Karachi	
3	Mr. Tariq Kaleem <i>M.A.</i>	Director Finance	
4	Mr. Jawed Hameed	Resident Auditor	
5	Mr. S. M. Arshad Hussain	Purchase Office	 16/2/16
6	Dr. Saddia Galani	Assistant Professor	 16-2-16
7	Mr. Ahmed Buland khan	Network Administrative	 16/2/16
8	Mr. Muhammad Naveed Akhtar	Accounts Officer	 16/02/16
9	Mr. Imran Rafiq	Administrative Officer	 16/2/16
10	Qasim Iqbal Khan	Chief Accountant	 16/2

Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE).
University of Karachi.

Tender Published in daily Jang and Dawn on January 25, 2016 and January 24, 2016.

Date: 16-02-2016

“Security & Surveillance System”

S. No.	Company Name	Name of Representative	Signature
1	M/s International Office Supplier	Qaiser Akbar	
2	M/s Satcom (PVT.) Ltd.	XXXXXXXXXX	
3	M/s Vital International	Asghar	
4	M/s GCS	XXXXXXXXXX	
-	M/s SCT Group	XXXXXXXXXX	
6	M/s Jawed Trading Corporation	XXXXXXXXXX	
7	M/s Orient Energy System	Sheharyar Anwar	
8	M/s CSG Engineering Services	M. Farrukh	
9	M/s Memon Associate	Faisal	
10	M/s Computer Need	Omer Uddin	
11	M/s M. M. Corporation	Sayam Asad Ansari	
12	M/s GVT. Geovision Tech	Faizan Saghir	
13	M/s KIM Telicom Services	XXXXXXXXXX	

16/2/16

16/2/16

16-2-16

16/02/2016

16/2/16

16/02

16/2/16



**Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi**

Karachi-75270, Pakistan



Tel: +9221-99261180-1
Email kibge@kibge.edu.pk

Ref: No. K.I.B.G.E. Admin OO-031 /16

February 29, 2016

OFFICE ORDER NO. 031 /2016

This refers to the Tender Notice No: KIBGE/SSS/16-02-16 (Security and Surveillance System).

The Competent Authority is pleased to constitute the following "Technical Committee" to evaluate the bids of the aforementioned tender.

1. Prof. Dr. Syed Shahid Hussain Zaidi
2. Mr. Muhammad Ahmed Buland Khan

Imran Rafiq
Administrative Officer

Copy to:

1. The Vice Chancellor/Chairman (Governing Council)
2. Director General
3. Accounts Section
4. Prof. Dr. Syed Shahid Hussain Zaidi, Department of Applied Physics
5. Mr. Muhammad Ahmed Buland Khan, Network Administrator



Dr. A. Q. Khan Institute of Biotechnology
and Genetic Engineering (KIBGE)
University of Karachi



Minutes of the Meeting of Technical Committee

Tender for Supply & Installation of "Security and Surveillance System"
TENDER NOTICE NO. KIBGE/SSS/16-02-16.

April 5, 2016

A meeting of the Technical Committee to discuss the bids submitted for CCTV tender was held on March 7, 2016 at 01:00 p.m. in KIBGE. Following members attended the meeting;

1. Prof. Dr. Shahid Hussain Zaidi
2. Mr. Muhammad Ahmed Baland Khan

Following key points were discussed in the meeting;

1. Quality and prices of equipment.
2. Provision of distribution or authorization letter and tender document.
3. Client list and previous project details.

The tender document was purchased by Thirteen (13) companies, out of which the following Ten (10) companies participated in the tender, while three (03) companies M/s. Satcom (Pvt.) Ltd., M/s. GCS and M/s. Jawed Trading Corporation did not submit the tender.

Sr. #	Company Name	Sr. #	Company Name
1.	M/s. IOS International Office Suppliers	2.	M/s. Vital International
3.	M/s. SCT Group	4.	M/s. Orient Energy System (Pvt.) Ltd.
5.	M/s. CSG Engineering Services	6.	M/s. Memon Associates Marketing
7.	M/s. Computer Need Network	8.	M/s. M. M. Corporation
9.	M/s. GVT (Pvt.) LTD.	10.	M/s. KIM Telicom Services

Out of above ten (10) companies, the following two companies were rejected by the tender opening committee due to short of earnest money.

1) M/s. M. M. Corporation

2) M/s. KIM Telicom Services

Comparative Statement has been prepared by the Technical Committee from lowest bid value to the highest bid value.

Sr. #	Company Name	Lowest Price
1.	M/s. IOS International Office Suppliers.	Rs.1,300,032/-
2.	M/s. GVT (Pvt.) LTD.	Rs.1,449,870/-
3.	M/s. SCT Group.	Rs.1,855,643/-
4.	M/s. Vital International.	Rs.2,119,625/-
5.	M/s. Memon Associates Marketing.	Rs.2,208,375/-
6.	M/s. Computer Need Network.	Rs.2,317,500/-
7.	M/s. CSG Engineering Services.	Rs.2,349,750/-
8.	M/s. Orient Energy System (Pvt.) Ltd.	Rs.3,187,978/-

5/4

Signature

The Technical Committee has evaluated the comparative statement on the basis of quality and then cost.

- 1) **M/s. IOS International Office Suppliers, Suit # 4020, 4th floor, Madina City Mall, Abdullah Haroon Road, Saddar, Karachi:** Out of Eight companies. M/s. IOS International Office Suppliers is the 1st lowest but did not meet the required specifications of (a) Cameras 50m, 100m (c) Network Video Recorder.
- 2) **M/s. GVT (PVT) LTD, 2nd Floor, Executive Center, Plot # 92, Commercial Area, Cavalry Ground, Lahore:** M/s GVT (PVT) Ltd. is the 2nd lowest but did not meet the required specifications (a) lenses of cameras (50m and 100m) (b) Network Video Recorder (c) PoE switches. They also did not submit original tender document, authorization letter and client list.
- 3) **M/s. SCT Group, 81-C, 11th Commercial Street, Phase 2 Ext, DHA, Adjacent, Khayaban-E-Ittehad, Karachi:** M/s SCT Group is the 3rd lowest but did not meet the required specifications (a) Cameras (30m, 50m, 100m) (b) Network Video Recorder (c) PoE Switches. They did not provide the proper literature along with model no. of PoE switches, hard drives, Access Control System and cable roll. They did not submit the original tender document as well.
- 4) **M/s. Vital International, Suit # 351, G-III, Main Boulevard, Johar Town, Lahore:** M/s. Vital International is the 4th lowest but did not meet the specifications (a) Cameras lenses (50m, 100m) (b) PoE Switches. They did not provide the proper literature along with model no. of PoE switches, Access Control System.
- 5) **M/s Memon Associates Marketing Plot# 94-C, 2nd Floor, Abu Adnan Chambers, Main Khayaban-e-Ittehad, Phase II Ext, DHA, Karachi:** M/s. Memom Associates Marketing is 5th lowest and fulfils the specification required in the tender BOQ. The quoted cameras are well known Chinese brand Tiandy. The lenses of cameras (50m, 100m) are varifocal which is better than tender's BOQ requirement.
- 6) **M/S Computer Need Network Suit # H2, Karim Square, Sir Shah Suleman Raod, Gulshan-E-Iqbal Karachi:** M/s. Computer Need Network is the 6th lowest and fulfils the specification required in the tender BOQ. The quoted cameras are well known brand CPPlus (Made in Germany). The lenses of cameras (50m, 100m) are varifocal which is better than tender's BOQ requirement.
- 7) **M/s CSG Engineering Services 3-A, Ali Town Near Harbanse Pura Interchange Defense Road, Harbanse Pura, Lahore:** M/s. CSG Engineering Services is the 7th lowest. The bid is rejected because technical details, authorization letter, company profile, equipment data sheets and the client list are not provided.
- 8) **M/s Orient Energy System (Pvt.) LTD. TM, Plot #9, Sector-24, Korangi Industrial Area, Karachi:** M/s. Orient Energy System is the highest among the Eight (08) bids hence rejected.

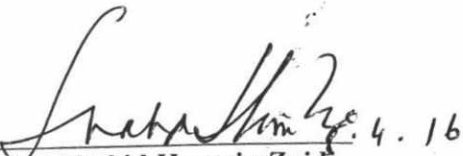
M/s. IOS
5/4/16

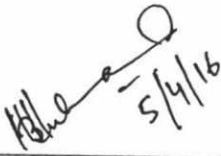
Swati Shrivastava

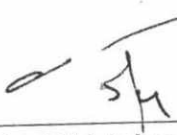
Recommendation of the Technical Committee:

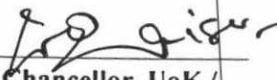
Considering the above facts and the quality of equipment and prices the committee unanimously recommended and selected the **M/s. Memon Associates Marketing** on following basis:

- 1) M/s. Memon Associates Marketing fulfils our requirements and it is a well reputed company which has local sales representatives and easily available for troubleshooting and services.
- 2) M/s Memon Associate Marketing were deployed CCTV Projects in many reputable organizations as were mentioned in their client list. Feedback was taken from some of the organizations regarding M/s Memom Associate Marketing's services, and got positive response.


Prof. Dr. Shahid Hussain Zaidi
Applied Physics, UoK
Member Technical Committee


Mr. Muhammad Ahmed Buland Khan
Network Administrator, KIBGE
Member Technical Committee


Prof. Dr. Abid Azhar
Director General
KIBGE


Vice Chancellor, UoK /
Chairman, Governing
Council, KIBGE



Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

I.1 Dome Camera Reception										
	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT		
1. Dome Camera.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
2. Progressive Scan CMOS Image Sensor.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
3. Up to 2 megapixel high resolution	✓	✓	✓	✓	Details not provided	✓	✓	✓		
4. 3.6mm/6mm fixed lens	✓	✓	✓	✓	Details not provided	✓	✓	✓		
5. Angle Of View: 120 degree.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
6. Supports PoE, H.264/MJPEG/H.264+.	✓	✓	✓	✓	Details not provided	✓	✓	✓		3.6mm
7. Image Resolution 1920 x 1080.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
8. RJ45 10M / 100M Ethernet interface.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
9. IR Range 10meters.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
10. Operating Temperatures: 10 °C ~ 60 °C.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
11. Make and Origin	Shany (china)	DAHUA (China)	HIKVision (china)	Asoni (Taiwan)	USA	(35°C) to 60°C	(30°C) to 60°C	✓		Longse (China)
	7091	14040	18162	18626	15750	11000	17000	11700		
Cost by vendor in PKR										

1.2 Bullet Camera Inside (30M)										
	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT		
1. Bullet camera.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
2. Progressive scan CMOS Image Sensor.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
3. 2MP High Resolution.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
4. Lens: 3.6mm/ 6mm fixed lens.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
5. Angle of view: 70 degree (Minimum).	✓	✓	✓	✓	Details not provided	✓	✓	✓		
6. Supports PoE, H.264 MJPEG.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
7. IR Range 30m.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
8. Resolution 1080 (1920 x 1080).	20-30m	✓	20-30m	20m	Details not provided	✓	✓	✓		
9. RJ45 10M / 100M Ethernet interface.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
10. Operating Temperatures: 10 °C ~ 60 °C.	✓	✓	✓	✓	Details not provided	✓	✓	✓		
11. Make and Origin	(10°C) to 50°C	(30°C) to 60°C	HIKVision (china)	Asoni (Taiwan)	USA	(30°C) to 60°C	✓	✓		
	Shany (china)	DAHUA (China)	395469	573158	499500	332100	445500	347490		
Cost by vendor in PKR										

01/07



Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16



1.3) Bullet Camera Out side (50M)																
1. Progressive scan CMOS Image Sensor.	✓	✓	✓	✓	✓	✓	Details not provided	✓	✓	✓	✓	✓	✓	✓	✓	
2. 2MP High Resolution.	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
3. Lens: 3.6mm/12mm fixed lens.	3mm (10mm)	3.6mm (6mm)	4mm (6.16mm)	85°	3.6mm	"	"	2.8" 12mm (V/F)	94°	2.7" 12mm (V/F)	6mm	✓	✓	✓	✓	
4. Angle of View: 80 degree Minimum.	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
5. IR Range: 50 Meters.	20-30m	✓	✓	✓	40m	"	"	✓	✓	✓	60m	✓	✓	✓	✓	
6. Supports PoE, H.264 MJPEG video Compression.	✓	✓	✓	✓	✓	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
7. Resolution 1080P (1920x1080).	✓	✓	✓	✓	✓	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
8. RJ45 10M / 100M Ethernet interface.	✓	✓	✓	✓	✓	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
9. Weather Proof:	✓	✓	✓	✓	✓	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
10. Operating Temperatures: 10°C~+60°C.	(10°C) to 50°C	✓	✓	✓	0°C to 45°C	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
11. Make and Origin	Shany (china)	DAHUA (China)	HIKVISION (China)	146856	Asoni (Taiwan)	131477	USA	Tiandy (China)	142400	CP Plus (Germany)	367200	Longse (China)	140400	Cost by vendor in PKR	56728	229320

1.4) Bullet Camera Outside (100M)																
1. Progressive scan CMOS Image Sensor.	✓	✓	✓	✓	✓	✓	Details not provided	✓	✓	✓	✓	✓	✓	✓	✓	
2. 2MP High Resolution.	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
3. Lens: 6mm/12mm fixed lens.	3mm (10mm)	3.6mm (6mm)	4mm (6.16mm)	1.3MP	2MP	"	"	4.7" 94mm (V/F)	54°	3.3" 12mm (V/F)	3.36mm	✓	✓	✓	✓	
4. Angle of View: 70 degree (Minimum).	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
5. IR Range: 100 Meters.	20-30m	80m	80m	1280x960	80m	"	"	80m	100m	100m	90m	✓	✓	✓	✓	
6. Resolution: 1080P (1920x1080).	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
7. Supports PoE, H.264 & MJPEG dual-stream encoding.	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
8. RJ-45 (10/100Base-T) Ethernet interface.	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
9. Weather Proof:	✓	✓	✓	✓	✓	✓	"	✓	✓	✓	✓	✓	✓	✓	✓	
10. Operating Temperatures: 10°C~+60°C.	(10°C) to 50°C	(30°C) to 60°C	✓	✓	(10°C) to 45°C	"	"	✓	✓	✓	✓	✓	✓	✓	✓	
11. Make and Origin	Shany (china)	DAHUA (China)	HIKVISION (china)	82024	Asoni (Taiwan)	306780	USA	Tiandy (China)	208000	CP Plus (Germany)	277000	Longse (China)	93600	Cost by vendor in PKR	28364	114660

Handwritten signature/initials

Handwritten signature

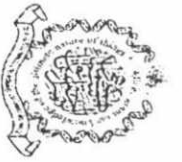


Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SS/16-02-16.

1.5 Dome Camera outside reception (30M)	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. Progressive scan CMOS Image Sensor.	✓	✓	✓	✓	Details not provided	✓	✓	✓
2. 1.3MP High Resolution.	✓	✓	✓	✓	"	✓	✓	✓
3. Lens: 3.6mm/8mm fixed lens.	✓	3.6(6mm) ✓ 1280x960 ✓	4mm ✓ 1280x960 ✓	3.6mm	"	2.8 ~12mm (V/F) ✓	3.6(2.8,6mm) ✓	3.6mm
4. Resolution: 1080P (1920x1080).	✓	✓	✓	✓	"	✓	✓	✓
5. Angle of View: Min. 110 degree (Minimum).	✓	✓	✓	✓	"	✓	✓	✓
6. IR Range of 30 meters.	✓	✓	✓	✓	"	✓	✓	✓
7. Supports PoE, H.264 and MJPEG dual-stream encoding.	✓	✓	✓	✓	"	✓	✓	✓
8. RJ-45 (10/100Base-T) Ethernet Interface.	✓	✓	✓	✓	"	✓	✓	✓
9. Weather Proof.	✓	✓	✓	✓	"	✓	✓	✓
10. Operating Temperatures: 10°C~+60°C.	(10°C) to 50°C	✓	✓	✓	"	✓	✓	✓
11. Make and Origin	Shany (china)	DAHUA (China)	HIKVision (china)	Asoni (Taiwan)	USA	Tandy (China)	CP Plus (Germany)	Longse (China)
Cost by vendor in PKR	5868	11115	17186	21228	15000	17800	12150	10764

Handwritten signature and scribbles



Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.



2.1) Network Video Recorder (NVR)	IOS	Vital	SCT	Orient	CSG	Memnon	CNN	GVT
1. 16 Channel with 1080P live views.	720P	✓	✓	✓	details not Provided	20ch	32 ch	25ch
2. Up to 5 MP resolution.	?	✓	✓	✓	details not Provided	✓	✓	?
3. Supports Up Multi brand Network Cameras and PTZ cameras.	do not support multi brand cameras	✓	✓	do not support multi brand cameras	details not Provided	✓	✓	do not support multi brand cameras
4. Local Display: HDMI/VGA.	✓	✓	✓	✓	details not Provided	✓	✓	✓
5. Video Compression: H.264, MJPEG.	H. 264 not available	✓	H. 264 not available	✓	details not Provided	✓	✓	H. 264 not available
6. Simultaneous Playback: Up to 16CH (Local Monitor, Web & CMS)	4ch	✓	✓	✓	details not Provided	✓	✓	✓
7. Supports 4 SATA HDDs Up to 8TB.	✓	✓	✓	✓	details not Provided	✓	✓	✓
8. Supports USB 2.0 & 3.0, web viewer, CMS, Mobile support & Remote Control.	do not support (USB 3.0)	✓	✓	✓	details not Provided	✓	✓	do not support (USB 3.0)
9. Playback Control: Fast/Slow, Forward/Backward, Move one step up/down.	✓	✓	✓	✓	details not Provided	✓	✓	✓
10. Supports IPv4/IPv6, Audio port (RCA/LINE), Ethernet RJ-45 100Mbps, Alarm, Preset, Log list, Backup files in JPG/AVI.	✓	✓	✓	✓	details not Provided	✓	✓	✓
11. Make and Origin	Shany (china)	DAHUA (China)	HIKvision (china)	Asoni (Taiwan)	USA	Tiandy (China)	CP Plus (Germany)	Longse (China)
Cost by vendor in PKR	128378	235170	131823	649168	495000	195000	182250	122850

04/07



Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"

Tender Notice No. KIBGE/SSS/16-02-16.

3.1) PoE Switch 16 Port	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. 16 RJ-45 Ports for 10/100/1000 BASE-TX connections.	28 Port	no details provided	no details provided	no details provided	no details provided	28 Port	28 Port	✓
2. Auto MDI/MDI-X support on all ports.	✓					✓	✓	✓
3. Supports Jumbo Frame, Auto negotiation, Full and Half duplex.	✓					✓	✓	✓
4. PoE support on all ports.	✓					Support PoE and PoE +	✓	Does not Support PoE
5. Mounting Kit for installation into standard Racks.	✓					✓	✓	✓
11. Make and Origin	Cisco (USA)	Utepo (China)		Cisco (USA)		TP-Link (H.K, China)	D-Link (Taiwan)	TP-Link (H.K, China)
Cost by vendor in PKR	90000	102960	76000	49304	54000	70000	86400	46800

3.2) PoE Switch 08 Port	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. 8 Ports RJ-45 Ports for 10/100/1000 BASE-TX connections.	10 Ports	no details provided	no details provided	no details provided		8 Port	✓	10 ports
2. Auto MDI/MDI-X support on all ports.	✓					✓	✓	✓
3. Supports Jumbo Frame, Auto negotiation, Full and Half duplex.	✓					✓	✓	✓
4. PoE support on all ports.	8 Ports PoE					Support PoE and PoE +	✓	Does not Support PoE
5. Mounting Kit for installation.	✓					✓	✓	✓
11. Make and Origin	Cisco (USA)	Utepo (China)		Cisco (USA)	no details Provided	TP-Link (H.K, China)	D-Link (Taiwan)	TP-Link (H.K, China)
Cost by vendor in PKR	174000	154440	162000	147912	87000	132000	120000	119340

Handwritten signature/initials

05/07



Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi

Comparative Statement



Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

6) Access Control System	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. Face Identification Time Attendance machine.	✓	✓	details not provided	✓	details not provided	✓	✓	✓
2. User capacity 2000.	✓	✓	"	✓	"	✓	✓	✓
3. Minimum 256MB Flash & 64 MB RAM	✓	✓	"	✓	"	✓	✓	✓
4. High resolution camera.	✓	✓	"	✓	"	✓	✓	✓
5. Supports RF ID card.	✓	✓	"	✓	"	✓	✓	✓
6. Time attendance software.	✓	✓	"	✓	"	✓	✓	✓
7. Ports Included: RS232/485, LAN, and USB.	✓	✓	"	✓	"	✓	✓	✓
8. Identification speed <=2sec.	✓	✓	"	✓	"	✓	✓	✓
9. Operating temperatures: 0°C to 45°C	✓	✓	"	✓	"	✓	✓	✓
11. Make and Origin	ZK-Techo (China) IFACE 320	ZK-Techo (China) IFACE 502	52000	ZK-Techo (China) IFACE 800	90000	ZK-Techo (China) IFACE 800	ZK-Techo (China) IFACE 800	ESTEE
	Cost by vendor in PKR	30566	76050	40314	65000	65000	58500	

Handwritten signature



Dr. A. Q. Khan Institute of Biotechnology and Genetic Engineering (KIBGE), University of Karachi



Comparative Statement

Tender for Supply & Installation of "Security and Surveillance System"
Tender Notice No. KIBGE/SSS/16-02-16.

7) Monitor Screen	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
32" CCTV Color LED HD TV with all connecting cords and mounting (Wall and Stand) accessories.	✓	✓	✓	✓	details not provided	✓	✓	✓
11. Make and Origin	Samsung (China)	details not provided	details not provided	Samsung (China)	120000	Eco Star (China)	Samsung (China)	115830
Cost by vendor in PKR	91500	119340	85500	107503	120000	96000	99000	115830

8.1) Rack	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
32" CCTV Color LED HD TV with all connecting cords and mounting (Wall and Stand) accessories.	✓	✓	✓	✓	details not provided	✓	✓	✓
Cost by vendor in PKR	18339	17550	13000	13214	16000	15000	15000	10530

8.2) Cable	IOS	Vital	SCT	Orient	CSG	Memon	CNN	GVT
1. CAT.6 UTP cable.	✓	✓	✓	✓	details not provided	✓	✓	✓
2. UTP PVC 4 Pairs Cable.	✓	✓	✓	✓		✓	✓	✓
3. Size: 305 Meter per Box. (1000ft)	3M (USA)	3M (USA)	details not provided	3M (USA)		3M (China)	3M (USA)	3M (USA)
4. Brands: 3M/Panduit	151600	234000	150000	156775	185000	125000	155000	157950
Cost by vendor in PKR								

Handwritten signature

07/07