

**OFFICE OF THE DIRECTOR  
GAMBAT INSTITUTE OF MEDICAL SCIENCES, GAMBAT**



**Supply and Installation of IT Equipment, Networking, PA System, Security  
Surveillance System, Video Conferencing System, Electric work and Miscellaneous  
Items at Gambat Institute of Medical Sciences**

M/S \_\_\_\_\_

**Due on: 20-12-2016 at 12:30pm**

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## 1(a) INVITATION FOR BIDS

Date: \_\_\_\_\_

ADP No: \_\_\_\_\_

Bid reference No: \_\_\_\_\_

1. The Director Gambat Institute of Medical Sciences invites sealed bids (the **financial envelop** should be separated with earnest money of 3% for each item), from eligible firms a foreign Bidders is entitled to bid only in joint venture with a Pakistani contractor having manufacturing facility in Pakistan.
2. Bidders may obtain further information from, inspect at and acquire the bidding documents from the office of the Director Gambat Institute of Medical Sciences.
3. A complete set of Bidding Documents may be purchased by an interested Bidder s on submission of a writing application to the above office and upon payment of a non-refundable fee of **Rs.3000/-**
4. All bids (Technical must be accompanied by a Bid Security in the amount of **3% of Bid Amount** in the form of Security deposit, Bank Draft / Pay order on bid security from or in the form of deposit at call or from a foreign bank duly counter guaranteed by a schedule bank of Pakistan in favor of Director Gambat Institute of Medical Sciences and must be delivered to office of the Director Gambat Institute of Medical Sciences, Gambat District Khairpur (Mir's) Sindh at or before 12:00noon on dated 20-12-2016 Bids will be opened at 12:30noon on the same day, in the presence of Bidders representatives who choose to attend at same address.

### **Address:-**

**OFFICE OF THE DIRECTOR  
GAMBAT INSTITUTE OF MEDICAL SCIENCES,  
GAMBAT, DISTRICT KHAIRPR (MIR'S) SINDH.**

**Director  
Gambat Institute of Medical Sciences, Gambat**

**1(b) CHECK LIST**

**The provision of this checklist is essential prerequisite along with submission of tenders.**

S/NO	DETAILS	YES / NO	PAGE# ANNEX.
<b>KNOCK OUT CLAUSES</b>			
<b>1</b>	Original receipt for purchase of tender Original receipt for purchases of tender for each alternate		
<b>2</b>	The financial envelops should be separated of each item, clearly marked company name and quoted serial item number and name		
<b>3</b>	Copy of earnest money without amount in technical bid		
<b>4</b>	Acceptance of terms and condition, tender documents duly signed and stamped		
<b>5</b>	Sole agency certificates [as per annex: A]		
<b>6</b>	Proof of past import of quoted items from manufacturers (copy of bill of entry & etc)		
<b>7</b>	Original Literature/ Brochure of product showing complete contact details of the manufacturer (as per annex. B)		
<b>8</b>	Copy of previous installation reports in reputable Govt./Private teaching hospitals		
<b>9</b>	Copy of GST Certificate		
<b>10</b>	Copy of NTN Certificate		
<b>11</b>	Copy of Last three years paid income tax return and audit report		
<b>12</b>	Copy of registration with chamber of commerce		
<b>13</b>	Copy of registration with PNRA in case of X-Ray, Ultrasound.		
<b>14</b>	Bank certificate showing financial capability		
<b>15</b>	Bidders questioner proforma for bid evaluation		
<b>16</b>	Price should not be mentioned son technical bid		
<b>17</b>	Certificate / documentary proof of the effect that the Principal is the original manufacturer of the required goods (major components, mainframe, etc)		
<b>18</b>	Certificate regarding quality of production for conformity with international Standards (Copy of certificate FDA, CE, JIS [as per annex.C])		

**Signature & seal (bidder):** \_\_\_\_\_







### **3. TERMS AND CONDITIONS:**

- 3.1 Bid should remain valid for 90 days from the date of financial opening.
- 3.2 Bidders shall quote their price on FOR basis and should be inclusive of all duties/Taxes/Octroi/Transportation etc. and all other expenses on free delivery to consignees end at Gambat Institute of Medical Sciences.
- 3.3 Price should be quoted for FOR basis in Figure and words failing which the offer will be ignored.
- 3.4 Free installation along with all accessories including labor charges/Demonstration at consignees end must be borne by the bidder.
- 3.5 03 years free service from the date of installation and undertaking regarding availability of spare parts for at least 08-10 years may also be confirmed by the bidder.
- 3.6 Sole agent certificate for the quoted items from the Manufacturer must be attached by the bidder. Certificate should valid for three years from the date of issue which should be verifiable by concern authority.
- 3.7 The supplier will be bound to train nominated technical personnel to operate / repair and maintain the supplied equipment.
- 3.9 Bidders should confirm the presence of Manufacturers trained service/installation Engineers/Technicians and provide the detail of their working experience, Manufacturer training Certificate, list of tools and test equipment, approximate area of workshop in the premises of their office and address along with the bid.
- 3.10 List of hospitals, name of department, contact numbers of the end users, in which the quoted equipment are working must be attached. Copy of previous installation report in a reputed Govt./Private Teaching Hospitals/ repair certificate if any, of the similar quoted items from the end user should be attached along with the bid.
- 3.11 In case of purchase of C.I.F, the bidder will bear the charges of clearing agent. Godown Rent, Airline D/O charges and all other charges including Transportation to consignees end excluding custom duty and tax. Certificate will be issued by this office to clarify that the import has been made for the hospital in question so as to avail the facility of exemption of duties/taxes as per Government Rules.
- 3.12 In this tender envelops procedure as per SPPRA 2010 rules will be followed i.e. Technical and Financial proposal separately, i.e. single stage two envelops system. The envelope must contain tender enquiry no. on the top and TECHNICAL/FINANCIAL PROPOSAL clearly in order to avoid any confusion. The tenders shall be submitted with all documents, drawing literature & catalogue (in equipment) in Technical proposal, with sealing wax. The name of manufacturer or supplier should be affixed on the face of envelop at the left side, moreover, financial envelops should contain financial bid each item separately.
- 3.13 tenders must be filled in with blue or black ink in the column provided and on separate letter head duly signed.
- 3.14 The tenders must be free from erasing, cutting and overwriting. in case of erasing, cutting and overwriting, authorized person should initial it.
- 3.15 The rates of each item should be written in figures as well as in words. In case of discrepancy the price in words will be taken as authenticate and final.
- 3.16 Conditional tenders will be ignored and will not be considered / entertained / accepted.

- 3.17 tender shall be accompanied by Earnest Money @ 3% of the value of stores quoted by them in form of call deposit / pay order/demand draft in the name of Director Gambat Institute of Medical Sciences, Gambat.
- 3.18 Copy of earnest money (without amount) must be attached along with the technical bid and the original along with financial bid in case of disclosure of price or amount of Earnest Money in the technical bid, the bid will be rejected.
- 3.19 Original purchase receipt must be enclosed with their technical offer.
- 3.20 The tender rate (FOR) price should be inclusive of all taxes. Income and sales tax etc payable to Federal and Provincial Government or local bodies and no claims on these accounts shall be entertained.
- 3.21 The bidder shall furnish General Sales Tax (GST) Registration Certificate of the firm failing which the offer will be ignored. In case the item is exempted from GST either documentary evidence or certificate from competent authority shall be attached with the offer.
- 3.22 The bidder shall furnish copy of valid Professional Tax Certificate, Income Tax Certificate; Last three years paid income tax Challan, proof of registration with Chamber of Commerce.
- 3.23 For the X-ray Equipments, bidders must submit a valid copy of Registration with PNRA (Pakistan Nuclear Regulatory Authority).
- 3.24 Bidder should submit a fresh ban certificate showing strong financial capability of firm.
- 3.25 the original printed catalogue / technical brochure showing detail technical specification, clear photo/picture of the quoted item, Manufacturers address, Phone number , e-mail address and website must accompany with offer.
- 3.26 The equipment to be imported comply/certificate at CE / FDA standards certificate should be attached along with the offer.
- 3.27 Store is required immediately. The tenderer, may however give their short guaranteed delivery period by which the supply will be completed positively.
- 3.28 If the Contractor fails to attain completion of the supply or installation within the time for completion, he shall pay to the purchaser liquidated damages at the rate of 2% per month (0.5% per week) of the Contract Price, or the relevant part thereof. The aggregate amount of such liquidated damages shall in no event exceed 10% of the bid amount. Once the "Maximum Limit" is reached, the purchaser may consider termination of the Contract.
- 3.29 Tenderers are required to furnish a detail technical quotation on their letter head and specify the standard and optional items / accessories as required in the tender specification. Bidder should clearly mention make, model and country of origin of the quoted items.
- 3.30 Choice to select /ignore any alternate offers shall rest with the purchaser.
- 3.31 tenders shall purchase separate tender documents and furnish purchases receipt for each alternate offer in case they want to submit alternate offers without separate purchase receipt (original) are supposed to be rejected.
- 3.32 No manufacturer shall authorize their distributor/ agent/ any firm or person to quote the same item which manufacturer quoted it-self in any tender. Failing that offer of both the manufacturer as well as other bidder shall be ignored.
- 3.33 The bidder shall comprise a single package containing two separate envelopes. Each envelopes shall contain separately the financial proposal and the technical proposal.

3.34 The envelopes shall be marked as “**FINANCIAL PROPOSAL**” and “**TECHNICAL PROPOSAL**” in bold and legible letters to avoid confusion.

3.35 Initially only envelopes marked as “**TECHNICAL PROPOSAL**” shall be retained in the custody of the procuring agency without being opened.

**4. PURCHASER’S RIGHT TO VARY QUANTITIES AT TIME OF AWARD.**

The purchaser reserve the right to increase/decrease or delete the quantities of goods etc at the time of award of contract and also reserve the right to enhance the quantity goods and services originally specified in the schedule of requirements without any change in unit price of other terms and conditions of goods at any time during contract period.

**5. NOTIFICATION OF AWARD/ADVANCE CONTRACT:**

5.1 Prior to the expiration of the period of the bid validity, the purchaser will notify the successful bidder in writing, delivery by hand or by register by cable to be confirmed that their bid has been accepted.

5.2 The notification of award will constitute the formation of the contract.

**6. AWARD OF CONTRACT AND CONTRACT AGREEMENT.**

Subject to the fulfillment of all codal formalities, the purchaser will award the contract to the successful bidder whose bid has been determined to be qualified to perform the contract satisfactory.

**7. PERFORMANCE SECURITY.**

The successful tenderers will have to deposit with the purchase security depots as under in shape of call deposit / bank guarantee at the rate of 3% of the value of the contract.

**8. PAYMENT TERM:**

8.1 in case of purchase on CIF, this office will establish Letter of credit for 80% of contract value in favor of Manufacturer, remaining 20% payment will be release in the equivalent Pak. Rupees of CIF amount after successful completion of delivery of equipment at consignee end. Insurance charges for opening L/C and the difference in currency fluctuation will be borne by bidder.

8.2 Terms of payment for F.O.R purchase 100% after supply of equipment / Furniture at consignee end.

**9 FEE FOR AWARD OF CONTRACT:**

9.1 Stamp duty @0.3% shall be borne by the suppliers.

**10. UNDERTAKING**

10.1 That I/We agree whether our tender accepted for total partial or enhanced quantity for all or any single item. I/We also agreed to supply and accept the said item at the rates for the supply of contracted quantity within the stipulated period shown in the contract.

10.2 I/We understand and confirm the refund of cost different if the same good is/was supplied at lower rates to any other Government / Semi Government Institution in the Province in same fiscal year.

10.3 I/we undertake that: that I any of the information submitted in accordance to this tender enquiry found incorrect our contract may be cancelled at any stage on our cost and risk.

**11. CERTIFICATE**

We guarantee to supply the sores exactly in accordance with the requirement specified in the invitation to this tender

Signature of Tenderer: \_\_\_\_\_

Name & Designation \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## 12. CRITERIA FOR EVALUATION OF BIDS

Quality and the following evaluation factors criteria will be employed on technical proposals. The number of points allocated to each factor shall be specified in the evaluation report. Only bids securing minimum of 70% marks would be considered for further process.

<b>EVALUATION CRITERIA (ELECTRO-MEDICAL EQUIPMENTS)</b>
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S/NO	13. ASSESSMENT PARAMETER	Marks
<b>13.1</b>	<b>Availability of technical staff of the company / firm in reference to the product.</b>	<b>15</b>
<b>Following two companies shall be considered ascertain the availability / expertise of technical staff:</b>		
<b>A. Number of technical staff</b>		
i) At least two technical staff members		05
ii) 01 additional number for every additional technical member shall be granted with maximum up to		05
<b>B. Technical staffs academic qualification</b>		
B.Sc degree in (Bio-medical / Electronic) Engineering from recognized institution shall be granted one additional mark. How ever. B. Tech shall not be considered for additional mark. M.Sc / Master degree holder from recognized institution shall be 2 additional marks.		05
<b>13.2</b>	<b>Manufacturer's local agent capacity for technical services with reference to the product.</b>	<b>15</b>
<b>1. Repair workshop facility with the diagnostic tools and test equipment as submitted along with the quotation</b>		
		03
<b>2. Physical size and facility of workshop attached photo.</b>		
		03
<b>3. Test and diagnostic tools list.</b>		
		03
<b>4. Service manual and other technical documentation list.</b>		
		03
<b>5. Availability of spare parts and accessories at workshop list</b>		
		03
<b>13.3</b>	<b>FINANCIAL SOUNDNESS</b>	<b>12</b>
1. Income tax paid challan for last three years		04
Balance sheet, audited for the last financial year		08
OR Bank statement for the last financial year		06
If balance sheet and bank statement both are deposited then only marks of balance sheet (8 Marks) would be counted. Tapering down phenomenon regarding rating of marks shall be applied on competitive firms		
<b>13.4</b>	<b>Overall reputation in reference to the product (cliental)</b>	<b>10</b>
<b>Overall reputation of the product shall be envisaged by following criteria:</b>		
A. References / certificates provided regarding performance of the product from head of the concern institute / hospital.		
B. References/ Certificates of the product shall be verified by the department independently		
C. Attestation of being Category "A"		
D. Purchaser have right to exercise Market Survey / Internet Exploring Survey give indicator marks.		

<b>13.5</b>	<b>General overall sale turnover of the organization</b>	<b>10</b>
	A. 60% or more sales proportion of medical equipment (quoted items)	08
	B. 40% or more sales proportion of scientific equipment	02
<b>13.6</b>	<b>International Sales and country of origin of quoted item</b>	<b>15</b>
	A. Sale of product in two or more continents	10
	B. Sales of production in single continent	05
<b>13.7</b>	<b>Product Certification</b>	<b>10</b>
	Certificate FDA /CE (MDD)/JIS	
	A. Any two certificates	10
	B. Any one certificate	05
<b>13.8</b>	<b>Exclusive Agency Certificate , Attested by Embassy, &amp; Chamber of Commerce from native Country of Manufacturer</b>	<b>08</b>
	A. 10 years or more for each products or	08
	B. 5 years or more for each products	05
	C. Less than 3 years	03
<b>13.9</b>	<b>Other</b>	<b>05</b>
	Submission of original brochures and required certificates as per tender terms and Conditions.	05



**ASSESSMENT PARAMETER: 13.2.1**

Manufacturer's local agent capacity for technical services in reference to the product.

Physical size and facility of workshop \_\_\_\_\_  
(Please attach photograph or picture of your workshop)

Details of test and diagnostic tools: \_\_\_\_\_  
(Please attach a separate sheet describing the test and diagnostic tools)

Details of service manual and other technical documentation: \_\_\_\_\_  
(Please attach a separate sheet describing the detail of manuals and other supporting documents)

Detail of separate parts and accessories available at workshop: \_\_\_\_\_  
(Please attach a separate sheet mentioning the list of spare parts and accessories)

**Assessment Parameter:13.3.1**

**Financial Soundness**

Copy of Income Tax Paid Challan for last three years: \_\_\_\_\_

Copy audited balance sheet by a recognized audit firm: \_\_\_\_\_

**OR**

Copy of Bank statement for the last financial year: \_\_\_\_\_

**Assessment Parameter:13.4.1**

**Overall reputation in reference to the product (Cliental)**

No of References \_\_\_\_\_

(Reference will be verified)

No of Certificates, regarding performance of the product from head of concerned institute/hospital \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Seal:** \_\_\_\_\_









**15. BID FORM AND PRICE SCHEDULE**

Dated: \_\_\_\_\_

Tender No. \_\_\_\_\_

To:

[name and address of Procuring agency]

Gentlemen and/or Ladies;

Having examined the Bidding Documents including addenda nos: [insert number's], the receipt of which is hereby duly acknowledged, we, the under signed, offer the supply and deliver [description of goods and service] in conformity with the said Bidding Documents for the sum of [total Bid Amount in words and figures], or such other sums as may be ascertained in accordance with the schedule of Price attached herewith and made part of this bid.

We undertake, if our bid is accepted, to deliver the goods in accordance with delivery schedule specified in the schedule of requirements.

If our bid is accepted, we will obtain a guarantee of a bank in the sum of equivalent to \_\_\_\_\_ percent of the Contract Price for the due performance of the Contract, in the form prescribed by the Procuring Agency.

We agree to abide by for a period of [ number] days from the date fixed for bid opening as per bid terms and condition, and it shall remain binding upon us and may be accepted at any time before the expiration that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.

Commissions of gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded to contract, are listed below;

Name and address of agent	Amount and Currency	Purpose of commission or gratuity
_____	_____	_____
_____	_____	_____

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this \_\_\_\_\_ day of, \_\_\_\_\_ 20\_\_\_\_

Signature: \_\_\_\_\_

In the capacity of: \_\_\_\_\_

Duly authorized to sign bid for and on behalf of \_\_\_\_\_

## **16. BID SECURITY FORM**

Where as [name of bidder] (hereinafter called the Bidder) has submitted its bid dated [date of submission of bid] for the supply of [name /or description of goods] (hereinafter called the bid).

KNOW ALL PEOPLE by these presents that we [name of bank] of [name of country], having our registered office at [address of bank] (hereinafter called the bank) are bound up to [name of procuring agency] (hereinafter called “The procuring Agency”) in the sum of for which payment well and truly to be made to said procuring agency, the bank binds itself, its successors and assigns by these presents. Sealed with the common seal of the said bank this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

The conditions of this obligation are:

1. If the bidder withdraws its bid during the period of bid validity specified by the bidder on the bid for:  
Or
2. If the bidder, having been notified of the acceptance of its bid by the procuring agency during the period of bid validity:
3. Fails or refuses to excuse the contract form, if required; or
4. Fails or refuses to furnish the performance security, in accordance with the instruction to bidders.

We undertake to pay to the procuring agency up to the above amount upon receipt of its first written demand, without the procuring agency having to substantiate its demand, provided that in its demand the procuring agency will note that the amount claimed by it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to and including twenty eight (28)days after the period of bid validity, and any demand in respect thereof should reach the bank later than the above date.

\_\_\_\_\_

[Signature of Bank]

**17. CONTRACT AGREEMENT**

THIS AGREEMENT made at \_\_\_\_\_ day of 20\_\_\_\_\_ between [name of procuring agency] of [country of procuring agency] (herein after referred to as the “Procuring Agency”) of the on Part; and [name of supplier ] of [ city and country of supplier] (herein after called the “Supplier”) of the other Part.

WHERE AS the Procuring Agency invite bids for certain goods and ancillary services, viz [brief description of goods and service] and has accepted the bid by the Supplier for the supply of those goods and service in the sum of [contract price in words and figures] (hereinafter called “the contract price)

**Now this Contract Witness As Follows:**

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to:
2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:-
  - a. The Bid form and Price Schedule submitted by the Bidder;
  - b. The Schedule of requirements;
  - c. The technical Specification;
  - d. The General Conditions of Contract;
  - e. The Special Conditions of Contract;
  - f. The Procuring Agency’s Notification of award;
3. In consideration of the payments to be made by the Procuring Agency to the Supplier as hereinafter mentioned, the supplier hereby covenants with the Procuring Agency to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
4. The Procuring Agency hereby covenants to pay the Supplier in consideration of the provision of the Goods and Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of this contract at the time and the manner prescribed by this Contract.

IN WITNESS whereof the parties here to have caused this agreement to be executed in accordance with their respective laws the day and year first above written.

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_  
(For the procuring agency)

Signed, sealed, delivered by \_\_\_\_\_ the \_\_\_\_\_  
(For the supplier).

**18. PERFORMANCE SECURITY FORM**

To,

[Name of the Procuring Agency]

[Whereas name of Supplier] (hereinafter called “the Supplier”) has undertaken in pursuance of Contract No. [Number] dated [date] to supply [description of goods] (hereinafter called “the Contract”).

And whereas it has been stipulated by you in the said Contract that the Supplier shall furnish you with a Bank Guarantee by a reputable bank fore the sum specified therein as security for compliance with the Suppliers performance obligations in accordance with the Contract.

And whereas we have agreed to give the Supplier a Guarantee.

Therefore we hereby affirm that we are Guarantors and responsible to you on behalf of the Supplier up to a total of [amount of the Guarantee in words and figures] and we undertake to pay upon your first written demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within limits of [Amount of Guarantee] as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_\_

Signature and seal of the Guarantors / Bank: \_\_\_\_\_

[Name of Bank or Financial Institution] \_\_\_\_\_

[Address] \_\_\_\_\_

[Date] \_\_\_\_\_

**19. MANUFACTURER'S AUTHORIZATION FORM**

To,

[Name of Procuring Agency]

[Tender No]

WHEREAS [name of the Manufacturer] who are established and reputable Manufacturers of [name and/or description of the goods] having factories at address of factory]

Do hereby authorize [name and address of Supplier/ Agent] to submit a bid, and subsequently negotiate and sign the Contract with you against IBF No.[Reference of the invitation to Bid] for the goods manufactured by us.

We hereby extend our full guarantee and warranty as per Clause 15 of the General Conditions of Contract for the goods offered for supply by the above firm against this Invitation for Bids.

---

[Signature for and on behalf of manufacturer]

Note:

This letter of authority should be on the letter head of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should ne included by the bidder in its bid.

**SUPPLY AND INSTALLATION OF IT EQUIPMENT, NETWORKING, PA SYSTEM, SECURITY SURVEILLANCE SYSTEM, VIDEO CONFERENCING SYSTEM, ELECTRIC WORK AND MISCELLANEOUS ITEMS AT GAMBAT INSTITUTE OF MEDICAL SCIENCES**

<b>HDCVI CCTV SYSTEM ITEMS</b>					
<b>SR #</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>TOTAL</b>
1	<b>2.4 MP IR DAY/NIGHT CAMERAS</b> 1/3" 2Megapixel CMOS 25/30fps@1080P, 25/30/50/60fps@720P High speed, long distance real-time transmission HD and standard definition switch. OSD Menu, control over coaxial cable Day/Night(ICR), AWB, AGC, BLC, 3D-DNR Max. IR LEDs length 20m, Smart IR IP66, DC12V	182	NOS		
2	<b>2 MP OUTDOOR DAY/NIGHT SPEED DOME CAMERAS</b> 20x optical zoom Max 50/60fps@720P resolution DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus Control over coaxial cable, long distance real-time transmission Max 240°/s pan speed, 360° endless pan rotation Up to 255 presets, 5 auto scan, 8 tour, 5 pattern Built-in 2/1 alarm in/out Support intelligent 3D positioning with DH-SD protocol IR Distance up to 100m IP66	41	NOS		
3	<b>16 CH HCVR</b> Support HDCVI/IP Video input Up to 16 cameras with 1080p realtime preview H.264 dual-stream video compression All channel 720P realtime or 1080P non-realtime recording 16 channel synchronous realtime playback, GRID interface & smart search HDMI/VGA simultaneous video output Support 2 SATA HDDs up to 8TB, 2 USB2.0 ONVIF Version 2.3 conformance Web viewer, CMS(DSS/Smart PSS)&Smart Phone(DMSS)	17	NOS		
4	4 TB HDDS	38	NOS		

5	CAMERA POWER SUPPLIES	182	NOS		
6	OUTDOOR WEATHER PROOF JUNCTION BOXES WITH POLES	35	NOS		
7	BNC CONNECTORS	564	NOS		
8	6 CORE ARMORED FIBRE OPTICS CABLE	4000	MTR		
9	3 X 10mm ELECTRIC WIRE (PAKISTAN CABLES)	360	MTR		
10	2 X 7.029 + ECC ELECTRIC WIRE (PAKISTAN CABLES)	1800	MTR		
11	3 X 3.029 + ECC ELECTRIC WIRE (PAKISTAN CABLES)	1800	MTR		
12	RG-6 COAXILA WIRE (BELDEN)	40000	FT		
13	1" PVC CONDUIT WITH ACCESSORIES	8000	FT		
14	1.5" PVC CONSUIT WITH ACCESSORIES	5000	FT		
15	1.5FT X 1.5 FT FLOOR BOX	10	NOS		
16	10" TFT SCREENS FOR APPARTMENTS	12	NOS		
17	POWER SUPPLY JUNCTION BOXES	182	NOS		

18	MANUAL CALL POINTS FOR APPARTMENTS	12	NOS		
19	ADDRESSABLE 2 LOOP FIRE ALARM PANEL	2	NOS		
20	SOUNDERS	6	NOS		
21	2.5mm 2 CORE FR WIRE FOR EMERGENCY MANUAL CALL POINTS	540	MTR		
22	CAT-6 3M NETWORK WIRE	610	MTR		
23	40" SAMSUNG LCD FOR MONITORING BUILDING 1 CAMERAS	2	NOS		
24	CORi7 NUC PC (INTEL)	2	NOS		
25	10 KVA ONLINE UPS WITH EXTERNAL CHARGER	2	NOS		
26	BATTERY BANK	2	NOS		
27	SET OF TERMANLS	2	SET		
28	DISTRIBUTION PANEL WITH BREAKERS	2	NOS		
29	T.P 300 AMP BREAKER	2	NOS		

30	12 V 65 AH DRY BATTERIES	44	NOS		
31	PDU	20	NOS		

IP CCTV SYSTEM ITEMS					
SR #	DESCRIPTION	QTY	UNIT	RATE	TOTAL
1	4 MP POE IP IR DAY/NIGHT CAMERAS - BULLET 1/2.7" 2Megapixel progressive scan CMOS H.264&MJPEG dual-stream encoding 25/30fps@1080P(1920×1080) DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS 3.6mm fixed lens (6mm optional) Max. IR LEDs Length 30m IP67, PoE	220	NOS		
2	4 MP POE IP IR DAY/NIGHT CAMERAS - DOME 1/2.7" 2Megapixel progressive scan CMOS H.264&MJPEG dual-stream encoding 25/30fps@1080P(1920×1080) DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS 3.6mm fixed lens (6mm optional) Max. IR LEDs Length 30m IP67, PoE	220	NOS		

3	<p>2 MP OUTDOOR DAY/NIGHT SPEED DOME CAMERAS  30x optical zoom,  16X Digital Zoom  Support Triple-streams encoding  Max. 25/30fps @1080P(1920x1080) &amp; 50/60fps @720P resolution  DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus  Multiple network monitoring: Web viewer, CMS(DSS/PSS) &amp; DMSS Max 400°/s pan speed, 360° endless pan rotation  Up to 300 presets, 5 auto scan, 8 tour, 5 pattern  Built-in 2/1 alarm in/out  Support intelligent 3D positioning with DH-SD protocol &gt;Micro SD memory, IP66, POE+  IR Distance up to 100m(AC24V)/ 80m(DC12V)</p>	45	NOS		
4	<p>2 MP INDOOR DAY/NIGHT SPEED DOME CAMERAS  30x optical zoom,  16X Digital Zoom  Support Triple-streams encoding  Max. 25/30fps @1080P(1920x1080) &amp; 50/60fps @720P resolution  DWDR, Day/Night(ICR), Ultra DNR, Auto iris, Auto focus  Multiple network monitoring: Web viewer, CMS(DSS/PSS) &amp; DMSS Max 400°/s pan speed, 360° endless pan rotation  Up to 300 presets, 5 auto scan, 8 tour, 5 pattern  Built-in 2/1 alarm in/out  Support intelligent 3D positioning with DH-SD protocol &gt;Micro SD memory, IP66, POE+  IR Distance up to 100m(AC24V)/ 80m(DC12V)</p>	20	NOS		
5	<p>16 CH NVR  Up to16 channel IP camera input  H.264/MJPEG dual codec decoding  Max 200Mbps incoming bandwidth  Up to 5Mp resolution preview&amp;playback  HDMI/VGA/TV simultaneous video output  8/16 channel synchronous realtime playback,  ONVIF Version 2.4 conformance  Support 4 SATA HDDs up to 16TB, 1 eSATA port, 2 USB(1 USB3.0)  Support P2P, QR code scan &amp; add  Multiple network monitoring: Web viewer, CMS(DSS/PSS) &amp; DMSS</p>	35	NOS		
6	4 TB HDDS	70	NOS		

6	24 PORT POE SWITCH (CISCO)	25	NOS		
7	PVC BACK BOXES	500	NOS		
8	CAT-6 IOS	500	NOS		
9	24 PORT PATCH PANEL (LOADED) - 3M	25	NOS		
10	CABLE MANAGER (3M)	25	NOS		
11	3 METER PATCH CORDS (3M)	500	NOS		
12	1 METER PATCH CORDS (3M)	500	NOS		
13	RJ-45 CONNECTORS	20	BOX		
14	CAT-6 3M NETWORK WIRE	50000	FT		
15	1" PVC CONDUIT WITH ACCESSORIES	8000	FT		
16	1.5" PVC CONSUIT WITH ACCESSORIES	4000	FT		
17	2 X 7.029 + ECC ELECTRIC WIRE (PAKISTAN CABLES) FOR SD	900	MTR		
20	42 U NETWORK RACK (HP) WITH COOLING FANS AND PDU	8	NOS		
21	12 U WALL MOUNT NETWORK RACK WITH COOLING FANS AND PDU	8	NOS		

PA SYSTEM ITEMS					
1	6 WATT CEILING SPEAKERS (TOA - JAPAN)	60	NOS		
2	240 WATT MULTIZONE AMPLIFIER (TOA - JAPAN)	4	NOS		
3	HAND HELD MIC	4	NOS		
4	2.5mm 2 CORE WIRE FOR EMERGENCY MANUAL CALL POINTS	630	MTR		
5	1" PVC CONDUIT WITH ACCESSORIES	2000	FT		

DATA CENTRE AND OTHER ITEMS BOQ					
SR #	DESCRIPTION	QTY	UNIT	RATE	TOTAL
1	TECNOWARE - ITALY / EMERSON 10+10 KVA DOUBLE CONVERSION ONLINE UPS SYSTEM WITH PARALLELING KIT EXTRENAL BATTERY CHARGER 2 BATTERY BANKS (20 X 100 AH DRY BATTERIES FOR 3-4 HRS BACKUP	2	SET		
2	VIDEO WALL SOLUTION FOR 9 X 42" SONY LED SCREENS AND VIDEO SERVER	1	SET		
3	COR i7 NUC PCs	20	NOS		
4	24" HIGH DEFINITION SCREENS	20	NOS		
5	ELECTRICAL DISTRIBUTION PANEL FOR CCTV, PA SYSTEM AND NETWORK RACK WITH BREAKERS AND ACCESSORIES	2	SET		
6	10 mm 4 CORE ARMORED WIRE WITH 10 mm SQ ECC CABLE	4000	MTR		

<b>RFID ACCESS CONTROL SYSTEM</b>					
1	SUPREMA (KOREA), IP65 RATED RFID READER, WITH BUILT-IN TCP/ SUPPORT IP, MULTI-COLOR LEDS, 40,000 USER CAPACITY & 50,000 TRANSACTION STORAGE MODEL XPASS (IN)	20	NOS		
2	SUPREMA (KOREA), IP65 RATED RFID READER, WITH BUILT-IN TCP/ SUPPORT IP, MULTI-COLOR LEDS, 40,000 USER CAPACITY & 50,000 TRANSACTION STORAGE MODEL XPASS (IN)	20	NOS		
3	MANUAL EXIT BUTTON (OUT)	20	NOS		
4	Electro Magnetic Lock 600 LBS	20	NOS		
5	MONITORING SOFTWARE	1	NOS		
<b>TICKETING COUNTER</b>					
1	TICKETING SYSTEM WITH A TICKETING PANEL 5 X TICKETING DISPLAYS ANNOUNCEMENT SYSTEM 5 X MANUAL CALL STATION COUNTER TICKET PRINTER	3	NOS		
<b>TICKETING COUNTER</b>					
1	MULTIZONE WALK THROUGH GATES	15	NOS		
2	MULTIZONE SPEED GATES	10	NOS		
3	HAND HELD METAL DETECTOR	40	NOS		
4	WIRELESS COMMUNICATION SYSTEM (40 UNITS)	1	SET		

**IT ,PA AND MISC ITEMS**

ITEM #	DESCRIPTON	QTY	UNIT	RATE	TOTAL
<b>PA SYSTEM</b>					
1	CEILING SPEAKERS	64	NOS		
2	240 WATT MULTIZONE AMPLIFIER	6	NOS		
3	CONFERENCING CHAIRMEN UNIT	1	NOS		
4	CONFERENCE DELEGATE UNIT	48	NOS		
5	CENTRAL UNIT	1	NOS		
6	INTERCOM SET FOR LECTURE HALL AND DATA CENTRES	3	NOS		
<b>IT ITEMS</b>					
1	CORi7 4 GB 1 TB PC (INTEL) WITH GRAPHICS CARD	16	NOS		
2	24" LED SCREENS (HP)	6	NOS		
3	40" SAMUSNG LED SCREEN	3	NOS		
4	36 X IP INDOR SPEED DOME CAMERAS FOR ONLINE MONITORING	6	NOS		
5	DOCUMENT CAMERA	7	NOS		
6	5 MEGAPIXEL DOCUMENT CAMERA	8	NOS		

7	65" INTERACTIVE WHITE BOARDS	6	NOS		
8	102" INFRARED INTERACTIVE WHITE BOARDS 1. Infrared 2 points 2. XPS center panel 3. Provide and update the teaching software 4. Smart Pentray 5. Grey color to choose	10	NOS		
9	PRO MATE UNIVERSAL HDMI MINI DP PROJECTOR (PORTABLE)	6	NOS		
10	SONY CEILING PROJECTOR 4100 LUMENS	3	NOS		
11	SONY CEILING PROJECTOR 2700 LUMENS	12	NOS		
12	7 FT MOTORIZED PROJECTOR SCREEN	7	NOS		
13	8 FT MOTORIZED PROJECTOR SCREEN	2	NOS		
14	10 FT MOTORIZED PROJECTOR SCREEN	3	NOS		
15	12 FT MOTORIZED PROJECTOR SCREEN	2	NOS		
16	PROJECTOR ELEVATOR	14	NOS		
17	CEILING PROJECTOR KIT	14	NOS		
18	I-CAST	20	NOS		
19	42 U NETWORK RACK (HP) WITH COOLING FANS AND PDU	3	NOS		

20	18 U NETWORK RACK WITH COOLING FANS AND PDU	2	NOS		
21	24 PORT PATCH PANEL (LOADED) - 3M	25	NOS		
22	24 PORT NETWORK SWITCHES (CISCO)	30	NOS		
23	IP PHONES (CISCO)	60	NOS		
24	BACK BOXES FOR NETWORK I/Os WITH FACE PLATE	350	NOS		
25	CAT-6 I/Os (3M)	500	NOS		
26	POWER PDU	30	NOS		
27	CABLE MANAGERS	30	NOS		
28	VGA SPLITTER	1	NOS		
29	15 MTR HDMI CABLES	20	NOS		
30	15 MTR VGA CABLE	20	NOS		
31	25 MTR VGA CABLE	5	NOS		
32	15 MTR VGA, HDMI, 4 X USB, STERIO CABLES WITH TECHNOLOGICAL PANEL	1	NOS		
33	1 MTR PATCH CORDS	500	NOS		
34	3 MTR PATCH CORDS	500	NOS		

**MISCELLANEOUS ITEMS**

1	CURTAIN MOTOR	71	NOS		
2	ROLLER BLINDS (3.5' X 1.5')	1	NOS		
3	ROLLER BLINDS (3.75' X 7.33')	2	NOS		
4	ROLLER BLINDS (3.8' X 7.33')	2	NOS		
5	ROLLER BLINDS (4' X 6')	1	NOS		
6	ROLLER BLINDS (4.37' X 7.33')	1	NOS		
7	ROLLER BLINDS (4.5' 8')	103	NOS		
8	ROLLER BLINDS (4.58' X 7.33')	1	NOS		
9	ROLLER BLINDS (4.5' X 1.5')	3	NOS		
10	ROLLER BLINDS (4.5' 2.5')	21	NOS		
11	ROLLER BLINDS (5.75' X 7.33')	1	NOS		
12	ROLLER BLINDS (6.08' X 7.33')	4	NOS		
13	ROLLER BLINDS (5.83' X 7.33')	2	NOS		
14	ROLLER BLINDS (5.93' X 7.33')	1	NOS		

15	ROLLER BLINDS (6.5' 8')	2	NOS		
16	ROLLER BLINDS (7.08' X 7.3')	2	NOS		
17	ROLLER BLINDS (7' X 7.3')	2	NOS		
18	ROLLER BLINDS (8.5' X 4')	3	NOS		
19	3.5 FT PELMET	1	NOS		
20	4FT PELMET	1	NOS		
21	4.5 FT PELMET	117	NOS		
22	6.5 FT PELMET	2	NOS		
23	7.08 FT PELMET	2	NOS		
24	7 FT PELMET	2	NOS		
25	8.5 FT PELMET	3	NOS		
26	SOUND PROOF PANELS FOR LARGE WINDOWS	410	SQ FT		
27	CEILING PANEL LIGHTS	200	NOS		
28	UNIVERSAL SWITCH SOCKETS WITH BACK BOX FOR DATA CENTRE	300	NOS		

29	6 GANG SWITCHES	30	NOS		
30	3 KVA ONLINE UPS	6	NOS		
31	6 KVA ONLINE UPS	2	NOS		
32	30 KVA LOW FREQUENCY ONLINE UPS WITH 1 HR BACKUP	1	NOS		
33	20 KVA ONLINE UPS (10 - 15 MNS BACKUP)	1	NOS		
34	CONTACTOR FOR LIGHT CONTROLS THROUGH EPODIUM	10	NOS		
35	DISTRIBUTION PANEL WITH BREAKERS FOR E PODIUM	3	NOS		
36	DISTRIBUTION PANEL WITH BREAKERS FOR 20 KVA UPS	1	NOS		
37	DISTRIBUTION PANEL WITH BREAKERS FOR 30 KVA UPS	1	NOS		
<b>WIRES AND ACCESSORIES</b>					
1	CAT-6 WIRE (3M)	12200	MTR		
2	2.5mm 2 CORE WIRE FOR SPEAKERS	405	MTR		
3	2.5mm 2 CORE WIRE FOR PODIUM	810	MTR		
4	2.5MM 2 CORE WIRE FOR ELECTRONIC CURTAINS	270	MTR		
5	3.029 WIRE (RED + BLACK + 1.5mm ECC)	1620	NOS		

6	7.029 WIRE (RED + BLACK + 1.5mm ECC)	1530	MTR		
7	4mm WIRE (R+B+YG)	1080	MTR		
8	10mm CABLE FOR DATA CENTRE AND E PODIUM POWER	4	SET		
9	16 mm 4 CORE PVC CABLE (PAKISTAN CABLES)	40	MTR		
10	YR-780-10M EXTENSIONS	24	NOS		
11	MICROPHONE EXTENSION CABLES	15	NOS		
12	40 MTR RC CABLE FOR PA SYSTEM FROM DATA CENTRE TO PODIUM	6	NOS		
13	1/2" FLEXIBLE PVC CONDUIT	720	MTR		
14	3/4" FLEXIBLE PVC CONDUIT	720	MTR		
15	1" FLEXIBLE PVC CONDUIT	720	MTR		
16	1" PVC CONDUIT	2000	FT		
17	40 X 40 mm CHANNEL STRIPS	800	FT		
18	60 X 60 mm CHANNEL STRIPS	400	FT		
19	VACUM CLEANER	3	NOS		

## VIDEO CONFERENCE SYSTEM

SR#	DESCRIPTON	QTY	UNIT	RATE	TOTAL
FOR GREEN HALL					
1	EVC950 10-site embedded MCU, EZDraw and EZMeetup collaboration Ver's EVC950 is the perfect video conferencing solution for Large conference rooms and auditoriums. It provides a cost-effective way for businesses to connect up to 10 sites and enjoy full HD video and content sharing, offering an unbeatable return on investment. Users can connect to EVC950 calls from PCs, laptops, tablets and mobile phones via AVer's EZMeetup software. Moreover, by using the EVC950 with AVer's EZDraw collaborative annotation app users can access to an impressive array of interactive tools. The EVC950 is simple to set up, easy to operate and offers great interoperability across all brands. The EVC950 supports conferencing between up to 10 different locations at full HD 1080p resolution. This cost-effective embedded MCU provides smooth video streaming and is ideal for businesses that need high quality communication between multiple locations.	2	NOS		
2	EVC150 point-to-point, New eCam Focus with 18X total zoom The EVC150 is video conferencing's price-to-performance leader, offering small to medium-scale organizations a uniquely cost-effective full HD video conferencing solution. The EVC150 features real-time full HD video streaming and HD 720p content sharing along with a PTZ camera, an microphone array, a sleek UI and a compact system design. In addition to its impressive hardware, the EVC150 comes with a 3-year standard warranty and remarkably low total cost of ownership, translating into an astounding return on investment. Whether for point-to-point conferencing, cloud-based video collaboration or hardware system integration, the standards-based EVC150 is the system of choice for savvy VC users.	20	NOS		
3	EZMeetup Powerful mobility software for IOS, Android, Mac and Windows	10	NOS		
4	EZDraw Video Conferencing Collaborative Software	10	NOS		
5	40" SONY BRAVIA LCD WITH CABLING AND ACCESSORIES	30	NOS		
6	10 KVA ONLINE UPS (10-15 MINUTES BACKUP)	1	NOS		

**COUNTRY OF ORIGIN : USA/UK/Germany/ Japan or Equivalent**

Electrical Work					
S.No	DESCRIPTION	QTY	UNIT	RATE	TOTAL
1	Providing, fixing and connecting of sub UPS DB	6	Job		
2	All existing power circuit identification and separate & make ups circuit & connect UPS DB	8	Job		
3	Providing, fixing and connecting of 16mm 4 core + 2 x 16mm s/c pvc cable in sub UPS DB with lugs and other accessories.	480	RFT		
4	Providing, fixing and connecting of 50mm 4 core + 2 x 16mm s/c pvc cable in main UPS DB with lugs and other accessories.	180	RFT		
5	Wiring of ups socket with 2 x 2.5mm + 1 x 1.5mm pvc wire	10	Nos		
6	Testing of old earth pit	1	Nos		
7	Making of new earth point with 25mm dia x10 feet long copper rod with chemical.	1	Job		
8	Providing and connecting of 2x70mm copper wire for earthing	80	RFT		
9	Providing and fixing of earth testing point with 300mm x 25mm x 5mm copper bar with bolt and lugs	1	Job		
10	Wiring of industrial socket for ups in out with 6mm 4 core + 1 x 6mm pvc cable (3phase)	6	Job		
11	Providing, fixing & connecting of 32A 5 Pin industrial socket (3 phase) clipsal make	6	Nos		
12	Wiring of industrial socket for ups in out with 6mm 3 core pvc cable (1 phase)	8	Nos		
13	Providing, fixing & connecting of 32A 5 Pin industrial socket (1 phase) clipsal make	8	Nos		
14	Providing and laying of following pvc conduit and dura built channel.	10			
a.	25mm dia pvc conduit	10	RFT		

b.	38mm dia pvc conduit	10	RFT		
c.	50mm dia pvc conduit	50	RFT		
d.	25mm x 25mm pvc dura channel	10	RFT		
e.	38mm x 25mm pvc dura channel	10	RFT		
f.	50mm x 50mm pvc dura channel	10	RFT		
g.	4 Core copper cable                      120mm	100	RFT		
h.	4 Core copper cable                      85mm	100	RFT		
i.	4 Core copper cable                      70mm	100	RFT		
j.	Floor Stand Air Conditions    24000BTU (Gree/Kenwood/Heir or equivalent)	15	NOs		
k.	Split Air Conditions (Gree/Heir /Dawlance or equivalent)	20	NOs		

**Network**

<b>S.No</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>TOTAL</b>
<b>1</b>	CAT 6 Modular Jack (I/O)	500	No.		
<b>2</b>	Dual shutter Face Plate 3M	200	No.		
<b>3</b>	Cat 6 Patch cord (1 m) of 3M	300	No.		
<b>4</b>	Cat 6 Patch cord (3 m) of 3M	300	No.		
<b>5</b>	24 Port Patch Panel	14	No.		
<b>6</b>	Electrical Face Plate ( multisocket)	250	No.		
<b>7</b>	Network fluke testing nodes	300	No.		

**Power Data centre DB**

<b>S.No</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE</b>	<b>TOTAL</b>
<b><u>INCOMING</u></b>					
1	630A TP MCCB 36KA	1			
2	DIGITAL VOLT METER (0-500V)+S/S	1			
3	DIGITAL AMPERE METER (0-600/5A)+S/S	1			
4	C.T'S (600/5A)	3			
5	PHASE INDICATION LIGHTS	3			
6	CONTROL FUSES (06A SP)	3			
7	EMERGENCY PUSH BUTTON	1			
<b><u>OUTGOINGS</u></b>					
	<b><u>FOR 200KVA UPS (02 NOS)</u></b>				
1	300A TP MCCB 25KA	2			
<b><u>FOR LIGHT/POWER/AC</u></b>					
1	20A TP MCB 10KA	4			
2	10A SP MCB 10KA	3			
3	16A SP MCB 10KA	3			

<b><u>SUB - INCOMING - 1 (200KVA UPS-1)</u></b>					
<b><u>(FOR RACK/STORAGE - 1)</u></b>					
1	300A TP MCCB 25KA	1			
2	SHUNT TRIP 220VAC	1			
3	400A 4P CHANGE OVER SWITCH	1			
4	PHASE INDICATION LIGHTS	3			
5	CONTROL FUSES (06A SP)	3			
<b><u>SUB - OUTGOINGS - 1 (200KVA UPS-1)</u></b>					
<b><u>(FOR RACK/STORAGE - 1)</u></b>					
1	20A TP MCB 10KA	5			
2	20A DP MCB 10KA	8			
3	16A SP MCB 10KA	3			
<b><u>SUB - INCOMING - 2 (200KVA UPS-2)</u></b>					
<b><u>(FOR RACK/STORAGE - 2)</u></b>					
1	300A TP MCCB 25KA	1			
2	SHUNT TRIP 220VAC	1			
3	400A 4P CHANGE OVER SWITCH	1			

4	PHASE INDICATION LIGHTS	3			
5	CONTROL FUSES (06A SP)	3			
<b><u>SUB - OUTGOINGS - 2 (200KVA UPS-2)</u></b>					
	<b><u>(FOR RACK/STORAGE - 2)</u></b>				
1	20A TP MCB 10KA	5			
2	20A DP MCB 10KA	8			
3	16A SP MCB 10KA	3			
<b><u>MISCELLANEOUS ITEMS</u></b>					
1	Steel Cushion Snooker Table	2			
2	Pool Table	3			
3	Foosball Soccer Table	3			
4	Table Tennis Table	4			
5	Carom Board Full Size	3			
6	Unique Hand-Made Antique Chess Table	2			
7	Treadmill (3.5 Hp Ac With 6.5" Backlit Lcd Screen)	6			
8	LAT PULLDOWN MACHINE WITH WEIGHT BARS	2			
9	DUMBBELL RACK WITH DUMBBELL SETS FROM 2.5 - 25 KG	2			
10	STANDARD WEIGHT RACK WITH WEIGH PLATE SETS (2.5 - 25 KG)	2			

11	POWER TOWER	2			
12	UTILITY BENCH	14			
13	MULTIPURPOSE BENCH	2			
14	VINYL DUMBBELL SETS (2 KG - 25 KG)	2			
15	ELLIPTICALS	4			
16	RECUMBENT CYCLES	4			
17	BENCH PRESS MACHINE	4			
18	BICEPS ROD STAND WITH ROD AND LOCKS	4			
19	BUTTERFLY MACHINE	2			
20	ABS MACHINE	3			
21	5 X4 FT MIRROR (IMPORTED)	30			
22	4 X 8 FT RUBBER MATS FOR MACHINES	50			