

STANDARD BIDDING DOCUMENTS

SUPPLY OF I.T EQUIPMENT FOR INFORMATION TECHNOLOGY DEPARTMENT CIVIL HOSPITAL – KARACHI

COST OF TENDER DOCUMENTS:	Rs. 1000/= Rupees One Thousand Only (Non-Refundable)
TENDER SELLING DATE :	From the date of publishing to 18th April, 2016
TENDER SUBMISSION DATE AND TIME:	On 19th April, 2016 upto 11:00 a.m.
TENDER SUBMISSION PLACE :	Office of the Addl. Medical Superintendent (Procurement) 1st Floor, Admin Block, Civil Hospital – Karachi
TENDER OPENING DATE AND TIME :	On 19th April, 2016 at 12.00 Noon.
TENDER OPENING PLACE :	Committee Room, 2nd Floor, Admin Block, Civil Hospital – Karachi

Note: No tender will be accepted after deadline for submission of bid, what so ever reason may be.



CIVIL HOSPITAL

BABA E URDU ROAD – KARACHI

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BIDDING DATA

Procuring Agency	:	Civil Hospital Karachi
Address	:	Baba – e – Urdu Road – Karachi
Name of Item	:	Supply of I.T Equipment for I.T Department – CHK
Bid Validity	:	90 Days
Amount of Bid Security	:	2.5% of Bid Quoted Price
Date of Submission	:	19 th April, 2016 upto 11:00 am.
Date of Opening	:	19 th April, 2016 at 12:00 Noon
Performance Security	:	2.5 % of the Contract Value
Language of Bid	:	English
Bidding Procedure	:	Single Stage – Two Envelope Procedure
Advance Payment	:	No Advance Payment
Delivery Period	:	30 Days
Inspection Authority	:	AMS (Stores), RMO (Stores) & Incharge (I.T)
Place of Inspection	:	I.T Department, Civil Hospital Karachi
Place of Delivery	:	I.T Department, Civil Hospital Karachi
Additional quantity/ies (if any):	:	Percentage for quantity increase or decrease will be fifteen (15) percent, if required

INSTRUCTIONS TO BIDDERS

1. Civil Hospital Karachi invites sealed bids on **Single Stage Two Envelopes Procedure** as per clause 46(2) of Sindh Public Procurement Rules 2010 (Amended 2013/14) from Interested Bidders for **“SUPPLY OF I.T EQUIPMENT AT CIVIL HOSPITAL KARACHI”** for Financial Year 2015 – 16.
2. Bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the financial proposal and the technical proposal. Envelopes shall be marked as **“FINANCIAL PROPOSAL”** and **“TECHNICAL PROPOSAL”** in bold and legible letters to avoid confusion.
3. Initially, only the envelope marked **“TECHNICAL PROPOSAL”** shall be opened. Envelope marked as **“FINANCIAL PROPOSAL”** shall be retained in the custody of the procuring agency without being opened.
4. The procuring agency shall evaluate the technical proposal in a manner prescribed in advance, without reference to the price and reject any proposal which does not conform to the specified requirements. No amendments in the technical proposal shall be permitted during the technical evaluation.
5. Bidders are required to check that Tender Documents issued to them are complete in all respects as per Summary of contents related to Instructions to Bidders, Silent Features, Evaluation Criteria, Form of Tender, Form of Agreement, Specifications (Technical) etc.
6. Bidders should examine carefully the Summary of Contents. Any detail / specification missing in the document should be obtained from the office of the AMS (Procurement), 1st Floor, Admin Block, Civil Hospital Karachi before schedules of submission / opening. Once the Tender is submitted, it will be assumed that no further clarification was required.
7. During evaluation of the bids, the Procuring agency may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.
8. Any clarification regarding contents of the bidding document shall be obtained in writing at least five calendar days prior to the date of opening of bid. No query as well as clarification regarding bidding documents, before/after the stipulated time (as per Rule-23 of SPP Rules, 2010) shall be entertained.
9. The rates to be inserted in the Bill of Quantities / Schedule of Requirement shall be deemed to include all costs of whatsoever description and expenses necessary for the Supply of the items together with all risks, taxes, liabilities and obligations, specific or implied, in the Tender Documents. Arithmetical errors, if any shall be corrected and Tender price amended accordingly.
10. No authorized alteration may be made in the Tender Documents. If any such alteration is made, tender may be liable for rejection.
11. Any clarification, revision, addition or deletion, in the tender documents may be made by the committee before the submission and opening of Tender in the form of Addendum / Corrigendum. This will be made only by formal Addendum / Corrigendum issued by the hospital procurement committee and will become part of the contract documents. Each Addendum shall be signed by the Tenderer / Bidder and returned with other Tender Documents.
12. The entire Tender Documents, listed duly priced, signed & stamped on each page and completed must reach at designated place in due time and dates as defined in the salient features of the Tender.

13. The Contractors whose Tender is accepted by the Hospital Procurement Committee will be required to enter into a Contract Agreement as defined in the Form of Agreement.
14. All manufactured and other items should be used in the work in accordance with the instructions, specifications in the Tender Document and also in accordance with generally accepted norms of good workmanship.

SALIENT FEATURES / TERMS & CONDITION OF THE TENDER

1.	Name of Work & Address	Supply of I.T Equipment at Civil Hospital Karachi Estimated Cost of Rs. 2.990 (M)
2.	Time & Date of issue of Tenders	From the date of publishing to one day before (i.e 18.04.2016) opening of Technical Proposal, during office hours.
3.	Place of Issuance of Tender	Office of the AMS (Procurement), 1 st Floor, Admin Block, Civil Hospital Karachi
4.	Date of pre – bid meeting	In case requested by bidders or informed by Committee.
5.	Method of opening of Tender	It will be Single Stage Two Envelope Procedure as per Clause 46(2) of SPP Rules 2010 (Amended 2013/14).
6.	Date & Time of Submission of Tenders	19th April, 2016 till 11:00 am at Office of the AMS (Procurement), 1 st Floor, Admin Block, Civil Hospital Karachi
7.	Date & Time of Opening of Tenders / Technical Proposals	19th April, 2016 at 12:00 Noon at 2 nd Floor, Committee Room, Admin Block, Civil Hospital Karachi
8.	Date of Opening of Financial Proposals	As informed by committee to all participants
9.	Venue of submission & opening of Tender	Admin Block, Civil Hospital Baba e Urdu Road, Karachi
10.	Validity of Tenders	90 days as per SPP Rules 2010 (Amended 2013/14)
11.	Amount of Tender / Bid Security	2.5% of the Contract value in shape of pay – order / Call Deposit from schedule Bank to be submitted along with Financial Proposal.
12.	Supply of items	Within 30 days after issuance of the Supply Order(s) / Purchase Order(s)
13.	Warranty Period with replacement of Parts and services	01 Year
14.	Contract Agreement	The Contract shall enter & execute a formal Agreement as per SPP Rules 2010 (Amended 2013/14)
15.	Stamp Paper requirement for Agreement	Rs. 0.30% of the Contract Value or as prescribed by Government Laws
16.	Terms of Payment to Contractors / Submission of Performance Guarantee	The payment will be made to contractor after delivery of items at site subject to submission of Performance Security in the following manner; Pay-order equivalent to 2.5% of the value of Purchase Order OR Bank Guarantee equivalent to 2.5% of the value of Purchase order
17.	Security Deposit	Refundable after receiving of Performance Bond OR Request to convert it as Performance Bond then Non – Refundable
18.	Release of Security Deposit / Performance Bond (2.5%)	After completion of warranty period

19.	Variation in Contract Price	No variation in price shall be allowed on any ground including currency fluctuation / variation or whatsoever
20.	Discrepancy	If there is any discrepancy between Salient Features of Tender / Bidding Documents and respective contents mentioned elsewhere, Salient Features / Terms & Conditions of tender will Govern
21.	Taxes.	All taxes will be deducted as per prevalent laws of country.
22.	Special Note Regarding Items	Technical offers / commercial offers failing to demonstrate below details would be rejected: <ul style="list-style-type: none"> - Quoted items must be of advanced & latest version. - The items shall be match with the specification given in the schedule of requirement. - Quotation must provide all technical details upto the satisfaction of the client. - Items should be quality approved from the concerned international body of the respective industry.
23.	Cost to be Quoted in BOQ	The Contractors shall quote DDP price of the items including all Government Taxes and delivering of items at site.
24.	Tender Acceptance	Financial proposals of technically qualified bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance. Financial proposal of bids found technically non-responsive shall be returned un-opened to the respective bidders; and bid found to be the lowest evaluated or best evaluated bid shall be accepted.
25.	Sample Providing	The bidder shall provide sample(s) of item as per instructions by the committee during the Technical evaluation. The samples shall require to be provided before financial opening. The financial bids shall be opened whose samples approved.

GENERAL CONDITIONS

Note: No tender will be accepted after closing of the Tender box, whatsoever reason may be.

1. In Technical Bid, the bidder must provide original data sheet, **technical brochure**, all other relevant documents, along with copy of Pay Order / Bank Draft **without showing the amount figure** otherwise the bid will be **ignored / rejected**. The technical evaluation will be done on the basis of criteria given in tender document.
2. A Column is given against the specification of each item, the vendor has to fill up with YES / NO or put value as desired in the column. These specifications must be highlighted in the brochure.
3. In Financial Bid, the vendor should mention financial offer along with Pay Order / Bank Draft 2.5% value of quoted items in favor of Medical Superintendent, Civil Hospital Karachi.
4. The bidder should supply the quoted items on D.D.P basis including all the Government Taxes and is responsible to supply the goods at the site at no extra cost within time as specified in Tender Document i.e. 30 days.
5. Suppliers / Contractors will be responsible for supply at consignees' end, free of cost.
6. Price escalation will not be allowed.
7. The disclosure of firm's price at the time of opening of will result in the Technical Bid rejection of the bid
8. No tender will be entertained without Bid Security. The bid security will be forfeited to Government Treasury, in case of non-submission of performance security within seven (7) days of receipt of the offer letter.
9. Scrutiny of **Technical Bids** will be performed by the Hospital Procurement Committee. **Financial Bids** of only those firms will be opened who are qualified technically.
10. Certificate from the Sole Agent / Manufacturer items should be provided with technical bid and it can be physically verified by the Administration of Civil Hospital Karachi.
11. **Firm must provide complete details of their financial standing (at least three years)**, listing of similar items supplied in Karachi and also in Pakistan, details of local stock of spare parts for similar goods.
12. The vendor has to quote only one rate for each item as per tender specifications. Hand written tenders should be signed.
13. If it has been found that the information submitted by the bidder regarding his qualification and professional, technical, financial, legal or managerial competence as supplier / contractor is / was false and materially inaccurate or incomplete at any stage, then the bidder will be disqualified on his risk and cost. The procuring agency may take action under Rule-35 of SPP Rules, 2010.
14. Items will be handed over to the Incharge IT, Civil Hospital Karachi.
15. If vendor doesn't supply the items in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default, Security Deposit would be forfeited and further action as per Rule-35 of SPP Rules would be taken against such vendor.

16. If the supplier fails to give supply within the stipulated period charges will be imposed as per Rules.
17. The decision once taken will be final and will not be challenged in any Court of Law
18. Conditional Tender(s) against the Government rules and non-compliance of instructions mentioned in Tender Form & Hand written (overwriting or cutting) tender(s) will not be entertained.
19. **The vendor must submit a Data Sheet on his firms' letter head according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet as well as in brochure / catalogue. Additional Features can be mentioned separately.**
20. The Medical Superintendent – Civil Hospital Karachi / Hospital Procurement Committee reserves the right to reject or accept any / all tender(s) as per SPP Rules, 2010 (Amended 2013/14).
21. The offer will remain valid as per SPP Rules, 2010 (Amended 2013/14)

I / We agreed above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNIC NO _____ (Copy must be attached).)

Full Address _____

Rubber Stamp _____

ELIGIBILITY CRITERIA-

		Yes	No
1.	Compliance of Terms & Conditions / Instructions mentioned in the Bid Form / NIT.		
2.	Relevant Experience (Three Years). Documentary evidence is required		
3.	Registration with Income Tax / General Sales Tax/ Sindh Sales Tax (if applicable) Documentary evidence is required		
4.	Copy of Bank Certificate regarding financially soundness and turn over for the last three years. (3.000 M) turnover in each year		
5	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization anywhere in Pakistan		

TECHNICAL EVALUATION CRITERIA

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.**

DOCUMENTARY EVIDENCE MUST BE ATTACHED

S. #	Details	Maximum Marks
1.	Financial Soundness Turnover Upto 3.00 M in each year.....15 Marks More than 3.00 M in each year.....30 Marks	30
2.	Providing Broacher / Technical Data Sheet	10
3.	Major Institution Served during last 3-year (Government/non government) a. Less than 5 institution – 10 marks b. More than 5 institution –20 marks	20
4.	Business with Government institute last 3-year (satisfactory certificate required) a. upto 3- institutes – 10 marks b. More than 3 institution –20 marks	20
5.	Technical Evaluation shall be made against the specification(s) of the items (as per Annex-A). 100% meet with specification.....20 marks 70% meet with specification.....10 marks	20
TOTAL MARKS		100

SPECIFICATION EVALUATION SHEET

Items #	Description	Quantity	Quoted		Deviation
			Yes	No	
1	Network Switch 16 Port	15 Nos.			
	Interface: 1610/100Mbps RJ45 Ports AUTO Negotiation / AUTO MDI / MDIX				
	Fan less				
	Power Consumption: 3.1W (220V/50Hz)				
	External Power Supply: 100~240VAC, 50/60Hz				
	Mac Address Table: 1K				
	Or equivalent				
2	Network Switch 08 Port	50 Nos.			
	IEEE 802.3, IEEE 802.3u, IEEE 802.3x CSMA/CD				
	Interface: 8 10/100Mbps Ports, Auto-Negotiation, Auto-MDI/MDIX				
	Fan less				
	Power Supply: External Power Adapter(Output: 5.0VDC / 0.6A)				
	Power Consumption: 2.2W (220V/50Hz)				
	External Power Supply: 100-240VAC, 50/60Hz				
	Buffer Size: 2Mb				
	Data Rates: 10/100Mbps at Half Duplex; 20/200Mbps at Full Duplex				
LED Indicator: Power, 1, 2, 3, 4, 5, 6, 7, 8					
Or equivalent					
3	Network Switch 24 Port (Cisco Switch)	01 No.			
	Ports: 24 Ethernet 10/100 ports				
	Uplinks: 2 Dual-Purpose Ports (10/100/1000 or SFP)				
	PoE Power: 370 W				
	PoE (IEEE 802.3af) Ports: 24 ports up to 15.4 W				
	Mean Time Between Failures: 311,781 hours				
	Forwarding Rate: 6.5 Mpps				
	Unicast MAC Addresses: Default/QoS/Dual: 8000				
	IPv4 IGMP Groups: Default/QoS/Dual: 255				
	IPv4 MAC QoS ACEs: Default: 128, QoS: 384, Dual: 0				
IPv4 MAC security ACEs: Default: 384, QoS: 128, Dual: 256					
Or equivalent					
4	VGA Cable	50 Nos.			
	15-Pin Male to Male (Best Quality)				
5	Computer Power Cord (2 Pin) Best Quality	120 Nos.			
6	USB Printer Cable (Extreme) Best Quality	40 Nos.			
7	Copper Cat6 Cable Roll (Best Quality)305m	06 Rolls			

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
8	LED Monitor 17”	10 Nos.			
	Display Type: TFT				
	Viewable Image Size: 17–inch diagonal				
	Tilt: -5 to 25°				
	Graphic Resolution: 1280 × 1024 (75 Hz) analog input				
	Optimum Graphic Resolution: 1280 x 1024 (60Hz) analog input				
	Or equivalent				
9	LED Monitor 19”	25 Nos.			
	Display Type: TFT				
	Viewable Image Size: 19–inch diagonal				
	Tilt: -5 to 25°				
	Maximum Graphic Resolution: 1280 × 1024 (75 Hz) analog input				
	Optimum Graphic Resolution: 1280 x 1024 (60Hz) analog input				
	Or equivalent				
10	Network Connector (RJ45) Box (Best Quality)	05 Box			
11	Drop Cord 3m (Best Quality)	100 Nos.			
12	Patch cord 1m (Best Quality)	100 Nos.			
13	CMOS Battery for Motherboard in Strips of 10 (Best Quality)	20 Packs			
14	I.O (Device, Face Plate and Back Box) (Best Quality)	100 Nos.			
15	Blank DVD RW (Box of 50) Best Quality	04 Nos.			
16	Dehumidifier For Server Room	01 No.			
	High Quality, High Efficiency Whole House Dehumidifier Up to 160 pints per 24 hours (ANSI/AHAM Standard DH-1)				
	Vertical Model				
	Powder Coat Painted Steel Cabinet -14 Gauge Base 20 Gauge Cabinet				
	Cabinet interior fully insulated with 1” non-fiberglass insulation				
	Should be suitable for installation in conditioned or non-conditioned spaces				
	Integral Internal Electrical Control Box				
	Integral Horizontal Suspension Capability				
	Stainless Steel Internal Drain Pan				
	Sani-Clean® internally trapped 3/4” condensate drain				
	Balanced Refrigerant Circuit w - 4 Row Evaporator Coil using Automatic Expansion Valve with matched Refrigerant Nozzle and Distributor				
	Rifled Copper Tube and Aluminum Fin Evaporator and Condenser (Re-heat) Coils				
	Oversized Refrigerant System Accumulator				
	R-22 Refrigerant				
	24V Control Board - with interlock for air handler blower				
	Voltage 220v, 60Hz				
	Light Commercial Applications				
Or equivalent					
17	Keyboard (USB Port): Bamboo Keyboard, Ergonomics, Folding, Multimedia, Slim, Color Black	240 Nos.			

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
18	Mouse (USB Port)	240 Nos.			
	OS compatibility: OS X, Windows				
	Wired connection: USB				
	Programmable Buttons: 03				
	Tracking Type: Optical				
	Sensor DPI: ≥ 800				
	Or Equivalent				
19	Printer Cartridge for HP LaserJet 2035: (Best Quality)	20 Nos.			
20	UPS 5KVA Sine Wave IP	01 No.			
	5kVA / 5000VA line interactive 3U tower UPS; Sine wave output				
	230V nominal output during brownouts to 170V and overvoltage to 282V				
	USB, Serial, EPO & optional SNMP/Web card monitoring options				
	3U all-in-one chassis; 98% efficiency				
	Hardwire input; 8 C13 & 3 C19 outlets				
	Or Equivalent				
21	Computer Tool Kit: 35-Piece Set Precision Screw Driver Tool Kit (Best Quality) or equivalent	02 Kits			
22	IP camera	06 Nos.			
	Built-in web server				
	Motion sensing email notification and image recording				
	30 frames per second full motion video				
	Up to 100 simultaneous users				
	Password protected user access				
	Input to trigger external events				
	Configurations for image and security settings				
	Built-in Linux O/S option				
	Firmware upgrade via Internet				
	Network:				
	Standard RJ45 twisted pair cable				
	Integrated HTTP and FTP servers				
	Protocol supports: TCP/IP, UDP, ARP, FTP, HTTP, PING (Option) POP3, SMTP, SNMP, MIBII, Proxy Agent, BOOTP, DHCP, DNS, Telnet, etc.				
	Or Equivalent				
23	Dome camera(20x2MP)	04 Nos.			
	Max. 2M (1920 x 1080) resolution				
	16:9 Full HD (1080p) resolution support				
	3 ~ 8.5mm (2.8x) motorized varifocal lens				
	H.264, MJPEG dual codec, Multiple Streaming				
	Audio / Face / Motion detection				
	Simple Focus, True Day Night (ICR)				
	UPnP, Defog				
	SD/SDHC/SDXC memory slot				
	Multi-crop streaming, PoE				
	Bi-directional audio support, IR LED (12ea)				
	Or Equivalent				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
24	NVR 16 Channel	03 Nos.			
	Inputs: 16 channel RJ45				
	Video Outputs: HDMI, VGA				
	Display Resolution: 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768				
	Display Frame Rate: Up to real-time 30fps / 25fps per channel				
	Audio Inputs: RCA x 1				
	Outputs: RCA x 1				
	Recording Compression Format: H.264				
	Recording Mode: Full HD 1080p (1920 x 1080)				
	Recording Frame Rate Real Time: NTSC 30fps/channel				
	Recording Modes: Live view/record or playback/record HDD 3TB installed (expandable to 32TB based on removal of the supplied 3TB and replacing with 8 x 4TB HDDs)				
	Network:				
	Network Interface: 1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface / 16 independent 100 Mbps PoE network interfaces				
	Network Protocol: TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, UPnP, iSCSI, IPv6 UPnP support				
	Back-up Method: USB Mouse Support:				
Or Equivalent					
25	DVR 16 Channel 1 DD, 1 Audio	03 Nos.			
	Pentaplex Operation: Live, Record, Playback, Network, Backup				
	Multi-Codec for H.264/MPEG4/MJPEG Compression				
	2-way audio; 16-CH Audio Recording				
	Dual-main VGA Outputs/Dual-gigabit LAN Ports				
	Mobile View Software; WLAN, SMS				
	POS Function: Transaction Monitoring *(Optional)				
	8-CH IP Camera(s) Recording (OKINA/DIVA, ACTi, AXIS, Sony, Vivotek)				
	Pre-Alarm Recording; NAS Compatible				
	DVD-RW, USB Backup, Up to 4 HDD				
Or Equivalent					
26	BNC Cable (Best Quality)	50 Nos.			
27	Coaxial Cable RG47 (Best Quality)	08 Nos.			
28	Power Supply CCTV (Best Quality)	50 Nos.			
29	Bar Code Printer	04 Nos.			
	Black Print Speed: 4 IPS (102mm/s)				
	Interface Type: USB				
	Max. Resolution: 203dpi (8d)				
	Type: Thermal				
	Or Equivalent				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
30	Thermal Printer	04 Nos.			
	Printing Method: Direct thermal				
	Paper width: 79.5±0.5mm				
	Resolution: 576dots/line or 572dots/line				
	Printing speed: 300mm/sec				
	Interface: USB & Serial 19200,None,8,1,TCP/I				
	Printing paper: 79.5±0.5mm×φ83mm				
	Line Spacing: 3.75mm(Use command modifies line spacing)				
	Column number: 80mm paper:FontA-42 columns or 48 columns/FontB-56columns or 64columns/Simplified Chinese, traditional Chinese-21columns or 24columns				
	Character Size: ANK,FontA:12×24dots,FontB:9×17dots Simplified :24×24dots				
Or Equivalent					
31	Router with USB Port	03 Nos.			
	Interface: 1 USB 2.0 Port for LTE/HSPA+/HSUPA/HSDPA/UMTS/EVDO USB Modem 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support the auto-Negotiation and auto-MDI/MDIX				
	Button: WPS/Reset Button, Wireless On/Off Switch Power On/Off Button				
	External Power Supply: 12VDC/1A				
	Antenna Type: Omni directional, Detachable, Reverse SMA				
	Antenna Gain: 2x5dBi				
	Or Equivalent				
32	Drill Machine with Bit Set (Best Quality)	01 No.			
	Amps: 6.0 Amps				
	Beats/Min: ± 48,000 bpm				
	Capacity in Concrete: 1/2"				
	Capacity in Steel: 1/2"				
	Capacity in Wood: 1-1/4"				
	RPM: 0 - 2,800 rpm				
	Includes:				
	1/2" Hammer-drill				
	Side Handle				
Depth Ro					
Or Equivalent					
33	Dot Matrix Printer	10 Nos.			
	Printer Type: Impact Dot Matrix				
	Printing Method: Impact dot matrix				
	Number of Pins in Head: 24 pins				
	Print Direction: Bi-directional with logic seeking				
Or Equivalent					
34	Monochrome Printer LaserJet	09 Nos.			
	Print Quality: True 600 x 600 dots per inch (dpi) for text and graphics				
	Resolution Technology: FastRes 600 dpi (default) and FastRes (1200 dpi)				
	Language: Host-based				
	Print Speed: Letter: Up to 19 pages per minute A4: Up to 18 pages per minute				
Or Equivalent					

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
35	Bar Code Scanner	04 No.			
	Light Source: Visible Laser Diode (VLD) ± 650 nm				
	Laser Power: 1 mW average				
	Embedded Laser:				
	Max Optical Power: ±10 mW				
	Wavelength: ± 650 nm				
	Normal Depth of Field: 0 mm – 215 mm				
	Reduced Depth of Field: 0 mm – 190 mm				
	Scan Speed: ≥ 1000 Scan Line p/sec				
	No. of Scan Lines: ± 20				
	Motor Speed: ≥ 3300 rpm				
	Min. Bar Width: 0.13 mm (5.0 mil)				
	Decode Capability: All Standard Bar Codes				
	System Interface: RS232, Keyboard Wedge, Stand Alone Keyboard, Light Pen Emulation, RS485, USB				
	Print Contrast: ≥ 35% minimum reflectance difference				
Beeper Operation					
Indicators LED (with two different colors):					
(i) Laser on: Ready to Scan					
(ii) Good Read: De-Coding					
Or Equivalent					
36	Non CLI Telephone Set	60 Sets			
	With Speaker Option				
	Color : Black / white / Grey				
	Single Line				
	Touch System / Pulse /Tone				
	CLI Telephone Set With (LCD Screen)	40 Sets			
	Integrated Telephone System: 1 Line				
	Call Display Compatibility: ≥ 50 Stations				
	Call Display Memory & Dialer: ≥ 50 Stations Phone Book & Dialer ≥ 20 Redial Numbers				
	Speaker, Color : Black /white / Grey				
Or Equivalent					
38	Scanner (Flatbed)	01 No.			
	Flatbed with transparent materials adapter (TMA) 280 x 486.5 x 52 mm (11.0 x 19.1 x 2.0inches) OR 287 x 450 x 59 mm (11.3 x 17.72 x 2.32 inches)				
	Or Equivalent				
39	Dot Matrix Cartridge: (Best Quality) for Epson LQ310 printer	288 Nos.			
40	Dot Matrix Cartridge: (Best Quality) for Epson LQ350 printer	432 Nos.			

Note: The required items quality will be approved on sample basis, supplied by the Contractor(s) / Supplier(s) on day before the date of opening else the bid will not be considered.

Signature of Contractor / Supplier _____

Name of Firm with full Address _____

E mail Address. _____

Office Telephone # _____ Fax # _____ Cell # _____

FORMS

BID FORM AND PRICE SCHEDULES

Date:
IFB No:
To: The Medical Superintendent, Civil Hospital Karachi

Gentlemen and /or Ladies:

Having examined the bidding documents including Addenda Nos. [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver [description of goods and services] 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 Prices attached herewith and made part of this Bid.

We undertake, if our Bid is accepted, to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements.

If our Bid is accepted, we will obtain the guarantee of a bank in a sum 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 this Bid for a period of [number] days from the date fixed for Bid opening under Clause 22 of the Instructions to Bidders, and it shall remain binding upon us and may be accepted at any time before the expiration of 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 or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

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

(if none, state "none")

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

Dated this _____ day of _____ 2016 [signature] [in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

BID SECURITY FORM

Whereas [name of the Bidder] (hereinafter called “the Bidder”) has submitted its bid dated [date of submission of bid] for the supply of [name and/or description of the 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 unto [name of Procuring agency] (hereinafter called “the Procuring agency”) in the sum of for which payment well and truly to be made to the 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 _____ 2016.

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 Form;
or
2. If the Bidder, having been notified of the acceptance of its Bid by the Procuring agency during the period of bid validity:
 - a) fails or refuses to execute the Contract Form, if required; or
 - b) fails or refuses to furnish the performance security, in accordance with the Instructions 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 is due to 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 not later than the above date.

Signature of the Bank

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the ____ day of _____ 2016 between _____ (hereinafter called the "Employer") of the one part and _____ (hereinafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works, viz _____ should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnesseth as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices;
 - (e) The Specifications;
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

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

Signature of the Contactor

Signature of the Employer

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

Performance Security Form

To
The Medical Superintendent
Civil Hospital Karachi

WHEREAS *[name of Supplier]* (hereinafter called “the Supplier”) has undertaken, in pursuance of Contract No. *[reference number of the contract]* dated _____ 2016 to supply *[description of goods and services]* (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 for the sum specified therein as security for compliance with the Supplier’s 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 you, 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 the limits of *[amount of guar-antee]* 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 _____ 201____.

Signature and seal of the Guarantors

[name of bank or financial institution]

[address]

[date]

Manufacturer's Authorization Form

[See Clause 13.3 (a) of the Instructions to Bidders.]

To:
The Medical Superintendent
Civil Hospital
Karachi

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 Agent]* to submit a bid, and subsequently negotiate and sign the Contract with you against IFB No. *[reference of the Invitation to Bid]* for the above 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 letterhead of the Manufacturer and should be signed by a person competent and having the power of attorney to bind the Manufacturer. It should be included by the Bidder in its bid.

CIVIL HOSPITAL KARACHI

**TENDER FOR THE SUPPLY OF I.T EQUIPMENT FOR I.T DEPARTMENT
SCHEDULE OF REQUIREMENT & PRICE FOR CIVIL HOSPITAL – KARACHI
DURING THE FINANCIAL YEAR 2015-2016**

BILL OF QUANTITY (B.O.Q)

Items #	Description	Quantity	Quoted	
			Unit Price	Total Price
1	Network Switch 16 Port	15 Nos.		
	Interface: 1610/100Mbps RJ45 Ports AUTO Negotiation / AUTO MDI / MDIX			
	Fan less			
	Power Consumption: 3.1W (220V/50Hz)			
	External Power Supply: 100~240VAC, 50/60Hz			
	Mac Address Table: 1K			
	Or equivalent			
2	Network Switch 08 Port	50 Nos.		
	IEEE 802.3, IEEE 802.3u, IEEE 802.3x CSMA/CD			
	Interface: 8 10/100Mbps Ports, Auto-Negotiation, Auto-MDI/MDIX			
	Fan less			
	Power Supply: External Power Adapter(Output: 5.0VDC / 0.6A)			
	Power Consumption: 2.2W (220V/50Hz)			
	External Power Supply: 100-240VAC, 50/60Hz			
	Buffer Size: 2Mb			
	Data Rates: 10/100Mbps at Half Duplex; 20/200Mbps at Full Duplex			
LED Indicator: Power, 1, 2, 3, 4, 5, 6, 7, 8				
Or equivalent				
3	Network Switch 24 Port (Cisco Switch)	01 No.		
	Ports: 24 Ethernet 10/100 ports			
	Uplinks: 2 Dual-Purpose Ports (10/100/1000 or SFP)			
	PoE Power: 370 W			
	PoE (IEEE 802.3af) Ports: 24 ports up to 15.4 W			
	Mean Time Between Failures: 311,781 hours			
	Forwarding Rate: 6.5 Mpps			
	Unicast MAC Addresses: Default/QoS/Dual: 8000			
	IPv4 IGMP Groups: Default/QoS/Dual: 255			
	IPv4 MAC QoS ACEs: Default: 128, QoS: 384, Dual: 0			
	IPv4 MAC security ACEs: Default: 384, QoS: 128, Dual: 256			
	Or equivalent			
4	VGA Cable	50 Nos.		
	15-Pin Male to Male (Best Quality)			
5	Computer Power Cord (2 Pin) Best Quality	120 Nos.		
6	USB Printer Cable (Extreme) Best Quality	40 Nos.		
7	Copper Cat6 Cable Roll (Best Quality)305m	06 Rolls		

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
8	LED Monitor 17"	10 Nos.		
	Display Type: TFT			
	Viewable Image Size: 17-inch diagonal			
	Tilt: -5 to 25°			
	Graphic Resolution: 1280 × 1024 (75 Hz) analog input			
	Optimum Graphic Resolution: 1280 x 1024 (60Hz) analog input			
	Or equivalent			
9	LED Monitor 19"	25 Nos.		
	Display Type: TFT			
	Viewable Image Size: 19-inch diagonal			
	Tilt: -5 to 25°			
	Maximum Graphic Resolution: 1280 × 1024 (75 Hz) analog input			
	Optimum Graphic Resolution: 1280 x 1024 (60Hz) analog input			
	Or equivalent			
10	Network Connector (RJ45) Box (Best Quality)	05 Box		
11	Drop Cord 3m (Best Quality)	100 Nos.		
12	Patch cord 1m (Best Quality)	100 Nos.		
13	CMOS Battery for Motherboard in Strips of 10 (Best Quality)	20 Packs		
14	I.O (Device, Face Plate and Back Box) (Best Quality)	100 Nos.		
15	Blank DVD RW (Box of 50) Best Quality	04 Nos.		
16	Dehumidifier For Server Room	01 No.		
	High Quality, High Efficiency Whole House Dehumidifier Up to 160 pints per 24 hours (ANSI/AHAM Standard DH-1)			
	Vertical Model			
	Powder Coat Painted Steel Cabinet -14 Gauge Base 20 Gauge Cabinet			
	Cabinet interior fully insulated with 1" non-fiberglass insulation			
	Should be suitable for installation in conditioned or non-conditioned spaces			
	Integral Internal Electrical Control Box			
	Integral Horizontal Suspension Capability			
	Stainless Steel Internal Drain Pan			
	Sani-Clean® internally trapped 3/4" condensate drain			
	Balanced Refrigerant Circuit w - 4 Row Evaporator Coil using Automatic Expansion Valve with matched Refrigerant Nozzle and Distributor			
	Rifled Copper Tube and Aluminum Fin Evaporator and Condenser (Re-heat) Coils			
	Oversized Refrigerant System Accumulator			
	R-22 Refrigerant			
	24V Control Board - with interlock for air handler blower			
	Voltage 220v, 60Hz			
	Light Commercial Applications			
Or equivalent				
17	Keyboard (USB Port): Bamboo Keyboard, Ergonomics, Folding, Multimedia, Slim, Color Black	240 Nos.		

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
18	Mouse (USB Port)	240 Nos.		
	OS compatibility: OS X, Windows			
	Wired connection: USB			
	Programmable Buttons: 03			
	Tracking Type: Optical			
	Sensor DPI: ≥ 800			
	Or Equivalent			
19	Printer Cartridge for HP LaserJet 2035: (Best Quality)	20 Nos.		
20	UPS 5KVA Sine Wave IP	01 No.		
	5kVA / 5000VA line interactive 3U tower UPS; Sine wave output			
	230V nominal output during brownouts to 170V and overvoltage to 282V			
	USB, Serial, EPO & optional SNMP/Web card monitoring options			
	3U all-in-one chassis; 98% efficiency			
	Hardwire input; 8 C13 & 3 C19 outlets			
	Or Equivalent			
21	Computer Tool Kit: 35-Piece Set Precision Screw Driver Tool Kit (Best Quality) or equivalent	02 Kits		
22	IP camera	06 Nos.		
	Built-in web server			
	Motion sensing email notification and image recording			
	30 frames per second full motion video			
	Up to 100 simultaneous users			
	Password protected user access			
	Input to trigger external events			
	Configurations for image and security settings			
	Built-in Linux O/S option			
	Firmware upgrade via Internet			
	Network:			
	Standard RJ45 twisted pair cable			
	Integrated HTTP and FTP servers			
Protocol supports: TCP/IP, UDP, ARP, FTP, HTTP, PING (Option) POP3, SMTP, SNMP, MIBII, Proxy Agent, BOOTP, DHCP, DNS, Telnet, etc.				
	Or Equivalent			
23	Dome camera(20x2MP)	04 Nos.		
	Max. 2M (1920 x 1080) resolution			
	16:9 Full HD (1080p) resolution support			
	3 ~ 8.5mm (2.8x) motorized varifocal lens			
	H.264, MJPEG dual codec, Multiple Streaming			
	Audio / Face / Motion detection			
	Simple Focus, True Day Night (ICR)			
	UPnP, Defog			
	SD/SDHC/SDXC memory slot			
	Multi-crop streaming, PoE			
Bi-directional audio support, IR LED (12ea)				
	Or Equivalent			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
24	NVR 16 Channel	03 Nos.		
	Inputs: 16 channel RJ45			
	Video Outputs: HDMI, VGA			
	Display Resolution: 1920 × 1080, 1600 × 1200, 1280 × 1024, 1280 × 720, 1024 × 768			
	Display Frame Rate: Up to real-time 30fps / 25fps per channel			
	Audio Inputs: RCA x 1			
	Outputs: RCA x 1			
	Recording Compression Format: H.264			
	Recording Mode: Full HD 1080p (1920 x 1080)			
	Recording Frame Rate Real Time: NTSC 30fps/channel			
	Recording Modes: Live view/record or playback/record			
	HDD 3TB installed (expandable to 32TB based on removal of the supplied 3TB and replacing with 8 x 4TB HDDs)			
	Network:			
	Network Interface: 1 RJ-45 10 /100 /1000 Mbps self-adaptive Ethernet interface / 16 independent 100 Mbps PoE network interfaces			
	Network Protocol: TCP/IP, PPPoE, DHCP, DNS, DDNS, NTP, SADP, SMTP, SNMP, NFS, UPnP, iSCSI, IPv6			
UPnP support				
Back-up Method: USB				
Mouse Support:				
Or Equivalent				
25	DVR 16 Channel 1 DD, 1 Audio	03 Nos.		
	Pentaplex Operation: Live, Record, Playback, Network, Backup			
	Multi-Codec for H.264/MPEG4/MJPEG Compression			
	2-way audio; 16-CH Audio Recording			
	Dual-main VGA Outputs/Dual-gigabit LAN Ports			
	Mobile View Software; WLAN, SMS			
	POS Function: Transaction Monitoring *(Optional)			
	8-CH IP Camera(s) Recording (OKINA/DIVA, ACTi, AXIS, Sony, Vivotek)			
	Pre-Alarm Recording; NAS Compatible			
	DVD-RW, USB Backup, Up to 4 HDD			
Or Equivalent				
26	BNC Cable (Best Quality)	50 Nos.		
27	Coaxial Cable RG47 (Best Quality)	08 Nos.		
28	Power Supply CCTV (Best Quality)	50 Nos.		
29	Bar Code Printer	04 Nos.		
	Black Print Speed: 4 IPS (102mm/s)			
	Interface Type: USB			
	Max. Resolution: 203dpi (8d)			
	Type: Thermal			
Or Equivalent				

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
30	Thermal Printer	04 Nos.		
	Printing Method: Direct thermal			
	Paper width: 79.5±0.5mm			
	Resolution: 576dots/line or 572dots/line			
	Printing speed: 300mm/sec			
	Interface: USB & Serial 19200,None,8,1,TCP/I			
	Printing paper: 79.5±0.5mm×φ83mm			
	Line Spacing: 3.75mm(Use command modifies line spacing)			
	Column number: 80mm paper:FontA-42 columns or 48 columns/FontB-56columns or 64columns/Simplified Chinese, traditional Chinese-21columns or 24columns			
	Character Size: ANK,FontA:12×24dots,FontB:9×17dots Simplified :24×24dots			
	Or Equivalent			
31	Router with USB Port	03 Nos.		
	Interface: 1 USB 2.0 Port for LTE/HSPA+/HSUPA/HSDPA/UMTS/EVDO USB Modem 1 10/100Mbps WAN Port, 4 10/100Mbps LAN Ports, support the auto-Negotiation and auto-MDI/MDIX			
	Button: WPS/Reset Button, Wireless On/Off Switch Power On/Off Button			
	External Power Supply: 12VDC/1A			
	Antenna Type: Omni directional, Detachable, Reverse SMA			
	Antenna Gain: 2x5dBi			
			Or Equivalent	
32	Drill Machine with Bit Set (Best Quality)	01 No.		
	Amps: 6.0 Amps			
	Beats/Min: ± 48,000 bpm			
	Capacity in Concrete: 1/2"			
	Capacity in Steel: 1/2"			
	Capacity in Wood: 1-1/4"			
	RPM: 0 - 2,800 rpm			
	Includes:			
	1/2" Hammer-drill			
	Side Handle			
Depth Ro				
	Or Equivalent			
33	Dot Matrix Printer	10 Nos.		
	Printer Type: Impact Dot Matrix			
	Printing Method: Impact dot matrix			
	Number of Pins in Head: 24 pins			
	Print Direction: Bi-directional with logic seeking			
	Or Equivalent			
34	Monochrome Printer LaserJet	09 Nos.		
	Print Quality: True 600 x 600 dots per inch (dpi) for text and graphics			
	Resolution Technology: FastRes 600 dpi (default) and FastRes (1200 dpi)			
	Language: Host-based			
	Print Speed: Letter: Up to 19 pages per minute A4: Up to 18 pages per minute			
	Or Equivalent			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
35	Bar Code Scanner	04 No.		
	Light Source: Visible Laser Diode (VLD) ± 650 nm			
	Laser Power: 1 mW average			
	Embedded Laser:			
	Max Optical Power: ±10 mW			
	Wavelength: ± 650 nm			
	Normal Depth of Field: 0 mm – 215 mm			
	Reduced Depth of Field: 0 mm – 190 mm			
	Scan Speed: ≥ 1000 Scan Line p/sec			
	No. of Scan Lines: ± 20			
	Motor Speed: ≥ 3300 rpm			
	Min. Bar Width: 0.13 mm (5.0 mil)			
	Decode Capability: All Standard Bar Codes			
	System Interface: RS232, Keyboard Wedge, Stand Alone Keyboard, Light Pen Emulation, RS485, USB			
	Print Contrast: ≥ 35% minimum reflectance difference			
	Beeper Operation			
Indicators LED (with two different colors):				
(i) Laser on: Ready to Scan				
(ii) Good Read: De-Coding				
Or Equivalent				
36	Non CLI Telephone Set	60 Sets		
	With Speaker Option			
	Color : Black / white / Grey			
	Single Line			
	Touch System / Pulse /Tone			
	CLI Telephone Set With (LCD Screen)	40 Sets		
	Integrated Telephone System: 1 Line			
	Call Display Compatibility: ≥ 50 Stations			
	Call Display Memory & Dialer: ≥ 50 Stations Phone Book & Dialer ≥ 20 Redial Numbers			
	Speaker, Color : Black /white / Grey			
Or Equivalent				
38	Scanner (Flatbed)	01 No.		
	Flatbed with transparent materials adapter (TMA)			
	280 x 486.5 x 52 mm (11.0 x 19.1 x 2.0inches) OR 287 x 450 x 59 mm (11.3 x 17.72 x 2.32 inches)			
Or Equivalent				
39	Dot Matrix Cartridge: (Best Quality) for Epson LQ310 printer	288 Nos.		
40	Dot Matrix Cartridge: (Best Quality) for Epson LQ350 printer	432 Nos.		

Note: The required items quality will be approved on sample basis, supplied by the Contractor(s) / Supplier(s) on day before the date of opening else the bid will not be considered.

In case of discrepancy between unit price and total, the unit price shall prevail.

Signature of Contractor / Supplier _____

Name of Firm with full Address _____

E mail Address. _____

Office Telephone # _____ Fax # _____ Cell # _____