

## **BIDDING DOCUMENTS**

# **SUPPLY OF HARDWARE FOR INFORMATION TECHNOLOGY DEPARTMENT CIVIL HOSPITAL – KARACHI**

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

**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**

**Ph: 99215740 - 5 Fax: 99215733**

## **BIDDING DATA**

Procuring Agency	:	Civil Hospital Karachi
Address	:	Baba – e – Urdu Road – Karachi
Name of Item	:	Supply of Hardware for I.T Department @ CHK
Bid Validity	:	90 Days
Amount of Bid Security	:	2.5% of Bid Quoted Price
Date of Submission	:	19 <sup>th</sup> April, 2016 upto 11:00 am.
Date of Opening	:	19 <sup>th</sup> 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 HARDWARE 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), 1<sup>st</sup> 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.	<b>Name of Work &amp; Address</b>	Supply of <b>Hardware</b> at Civil Hospital Karachi Estimated Cost of Rs. 4.995 (M)
2.	<b>Time &amp; Date of issue of Tenders</b>	From the date of publishing to one day before (i.e 18.04.2016) opening of Technical Proposal, during office hours.
3.	<b>Place of Issuance of Tender</b>	Office of the AMS (Procurement), 1 <sup>st</sup> Floor, Admin Block, Civil Hospital Karachi
4.	<b>Date of pre – bid meeting</b>	In case requested by bidders or informed by Committee.
5.	<b>Method of opening of Tender</b>	It will be Single Stage Two Envelope Procedure as per Clause 46(2) of SPP Rules 2010 (Amended 2013/14).
6.	<b>Date &amp; Time of Submission of Tenders</b>	<b>19<sup>th</sup> April, 2016 till 11:00 am</b> at Office of the AMS (Procurement), 1 <sup>st</sup> Floor, Admin Block, Civil Hospital Karachi
7.	<b>Date &amp; Time of Opening of Tenders / Technical Proposals</b>	<b>19<sup>th</sup> April, 2016 at 12:00 Noon</b> at 2 <sup>nd</sup> Floor, Committee Room, Admin Block, Civil Hospital Karachi
8.	<b>Date of Opening of Financial Proposals</b>	As informed by committee to all participants
9.	<b>Venue of submission &amp; opening of Tender</b>	Admin Block, Civil Hospital Baba e Urdu Road, Karachi
10.	<b>Validity of Tenders</b>	90 days as per SPP Rules 2010 (Amended 2013/14)
11.	<b>Amount of Tender / Bid Security</b>	2.5% of the Contract value in shape of pay – order / Call Deposit from schedule Bank to be submitted along with Financial Proposal.
12.	<b>Supply of items</b>	Within 30 days after issuance of the Work Award
13.	<b>Warranty Period with replacement of Parts and services</b>	01 Year
14.	<b>Contract Agreement</b>	The Contract shall enter & execute a formal Agreement as per SPP Rules 2010 (Amended 2013/14)
15.	<b>Stamp Paper requirement for Agreement</b>	Rs. 0.30% of the Contract Value or as prescribed by Government Laws
16.	<b>Terms of Payment to Contractors / Submission of Performance Guarantee</b>	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 <b>OR</b> Bank Guarantee equivalent to 2.5% of the value of Purchase order

17.	<b>Security Deposit</b>	Refundable after receiving of Performance Bond <b>OR</b> Request to convert it as Performance Bond then Non – Refundable
18.	<b>Release of Security Deposit / Performance Bond (2.5%)</b>	After completion of warranty period
19.	<b>Variation in Contract Price</b>	<b>No variation in price shall be allowed on any ground including currency fluctuation / variation or whatsoever</b>
20.	<b>Discrepancy</b>	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.	<b>Taxes.</b>	All taxes will be deducted as per prevalent laws of country.
22.	<b>Special Note Regarding Items</b>	Technical offers / commercial offers failing to demonstrate below details would be rejected: <ul style="list-style-type: none"> <li>- <b>Quoted items must be of advanced &amp; latest version.</b></li> <li>- The items shall be match with the specification given in the schedule of requirement.</li> <li>- Quotation must provide all technical details upto the satisfaction of the client.</li> <li>- Items should be quality approved from the concerned international body of the respective industry.</li> </ul>
23.	<b>Cost to be Quoted in BOQ</b>	The Contractors shall quote DDP price of the items including all Government Taxes and delivering of items at site.
24.	<b>Tender Acceptance</b>	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; <b>and bid found to be the lowest evaluated or best evaluated bid shall be accepted.</b>
25.	<b>Sample Providing</b>	<b>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.</b>

## **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**

		<b>Yes</b>	<b>No</b>
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 financial soundness and turn over for the last three years. (5.000 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.	<b>Financial Soundness</b> Turnover Upto 5.00 M in each year.....15 Marks More than 5.00 M in each year.....30 Marks	30
2.	Providing Broacher / Technical Data Sheet	10
3.	<b>Major Institution Served during last 3-year (Government/non government)</b> a. Less than 5 institution – 10 marks b. More than 5 institution –20 marks	20
4.	<b>Business with Government institute last 3-year</b> (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
<b>TOTAL MARKS</b>		<b>100</b>

**SPECIFICATION EVALUATION SHEET**

Items #	Description	Quantity	Quoted		Deviation
			Yes	No	
1	<b>Thin Client (Latest Model)</b>	50 Nos.			
	Thin client with embedded windows 8.1				
	VGA Port				
	USB				
	Sound 2.1				
	<b>Or Equivalent</b>				
2	<b>Laptop (Core i3 1TB 8GB RAM) HP</b>	02 No.			
	<b>Or equivalent</b>				
	4th Generation Core i3-5005U Processor (2 Cores - 4 Threads)				
	Processor Speed:2.0 GHz (3 MB Cache, Broadwell)				
	Installed RAM: 8 GB				
	Hard Drive: 1 TB				
	Optical Drive: Super Multi DVD Burner				
	Backlight: LED				
	Screen Size: ≥ 15.6" HD WLED Screen 720p				
	Screen Surface: HD WLED Screen				
	<b>Or Equivalent</b>				
3	<b>SAS Hard drive for Server 72GB 2.5"</b>	30 Nos.			
	Category: Proliant Hard Drive				
	Sub-Category: 15K				
	Generation: SAS				
	Capacity: 72GB				
	Interface Type: Serial Attached SCSI				
	Spindle Speed: 15000RPM				
	<b>Or Equivalent</b>				
4	<b>SAS Hard drive for Server 300GB 3.5"</b>	20 Nos.			
	Product Description: 15K.7 - hard drive - 300 GB - SAS-2				
	Device Type: Hard drive – internal				
	Capacity: 300 GB				
	Form Factor: 3.5" x 1/3H				
	Data Transfer Rate: 600 Mbps				
	Spindle Speed: 15000 rpm				
	Buffer Size: 16 MB				
	Interface Type: Serial Attached SCSI 2				
	Average Seek Time: 3.48 ms				
	Weight: ≤ 0.70 kg				
	Dimensions (WxDxH): 10.2 cm x 14.7 cm x 2.5 cm				
	<b>Or Equivalent</b>				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
5	<b>SAS Hard drive for Server 146GB 2.5"</b>	20 Nos.			
	Drive Type: Internal				
	Storage Capacity: 146 GB				
	Drive Interface: SAS				
	Drive Interface Standard: 3Gb/s SAS				
	Rotational Speed: 10000 rpm				
	Hard Disk Size: 146.00 GB				
	Hardware Platform: PC				
	Form Factor: 2.5 inch				
	Hard Disk Interface: Serial Attached SCSI				
	Hard Disk Rotational Speed: 10000 RPM				
	Item Display Weight: 1.25 pounds				
	<b>Or Equivalent</b>				
6	<b>RAM for Server (DDR3 8GB)</b>	15 Nos.			
	Hardware Platform: PC				
	Item Weight: ≤ 1 ounces				
	Product Dimensions: 6.5 x 2.2 x 0.5 inches				
	Item Dimensions LxWxH: 6.5 x 2.25 x 0.5 inches				
	Computer Memory Type: DDR3 SDRAM				
	Voltage: 1.5 volts				
	<b>Or Equivalent</b>				
7	<b>RAM for PC (1GB DDR2)</b>	50 Nos.			
	1GB (1024MB)				
	667MHz				
	DDR2				
	240 pin				
	<b>Or Equivalent</b>				
8	<b>Hard Drive for PC (160GB SATA)</b>	60 Nos.			
	SATA2 3.5" Desktop Hard Drive				
	Capacity: 160 GB				
	Cache: 2MB				
	RPM: 7200 rpm				
9	<b>Hard Disk for Laptop (500 GB)</b>	02 Nos.			
	Hard Disk Capacity: 500 GB				
	Form Factor: 2.5-Inch				
	Hard Disk RPM: 7200 RPM				
	Buffer Size: 16 MB				
	Item Display Weight: ≤ 0.50 pounds				
	<b>Or Equivalent</b>				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
<b>10</b>	<b>Motherboard Core2duo 3.0</b>	<b>30 Nos.</b>			
<b>(i)</b>	<b>Chipset &amp; CPU Support:</b>				
	Intel Q35 Express				
	LGA 775				
	Supports Compatible Core 2 Quad / Core 2 Duo / Core 2 Extreme / Pentium E / Pentium D / Pentium 4				
	FSB 1333/1066/800MHz				
<b>(ii)</b>	<b>Memory Support:</b>				
	Number of Memory Slots: 4				
	Memory Type: DDR2				
	Memory Speed: DDR2-1066/800/667				
	Max Amount: 8GB				
<b>(iii)</b>	<b>Graphics:</b>				
	Intel GMA 3100				
<b>(iv)</b>	<b>Expansion Slots:</b>				
	1x PCI Express x16				
	1x PCI Express x1				
	2x PCI				
<b>(v)</b>	<b>Storage:</b>				
	6x SATA II / 3GB/s				
	1x PATA IDE (supports up to 2 devices)				
	0/1/0+1/5				
<b>(vi)</b>	<b>Networking:</b>				
	Chipset: Intel 82566DM				
	1x Gigabit 10/100/1000 LAN				
<b>(vii)</b>	<b>USB Ports:</b>				
	12x USB 2.0 ports (4 at back panel, 8 on board)				
<b>(viii)</b>	<b>Internal I/O Ports:</b>				
	3x USB 2.0 connector (supports 6 USB 2.0 ports)				
	<b>Or Equivalent</b>				
<b>11</b>	<b>Power Supply 24 pin 500W</b>	<b>40 Nos.</b>			
	Black Powder Case				
	Silent Black Cooling Fan				
	User Control Turbo Fan Switch				
	Support both Intel and AMD Systems				
	Built-in inrush current, over temperature, over current, and over voltage protection circuits				
	Switching power supply				
	ATX12V Ver. 2.0				
	<b>Or Equivalent</b>				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
12	<b>Power Supply for Server 499249-001</b>	<b>04 Nos.</b>			
	<b>Rated line voltage:</b>				
	90-132 V ac				
	180-264 V ac				
	<b>Rated input current:</b>				
	7.5 A (at 100 V ac)				
	3.8 A (at 200 V ac)				
	<b>Rated input frequency:</b>				
	47-63 Hz				
	<b>Rated input power:</b>				
	980 W (at 100 V ac)				
	1035 W (at 120 V ac)				
	1170 W (at 240 V ac)				
	<b>POWER SUPPLY OUTPUT (PER POWER SUPPLY)</b>				
	<b>Rated steady-state power:</b>				
	460 W (at 100 V ac)				
	<b>Maximum peak power:</b>				
	460 W (at 200 V ac)				
	460 W (at 100 V ac)				
	460 W (at 200 V ac)				
	<b>Or Equivalent</b>				
13	<b>Hard Drive CCTV 1TB</b>	<b>10 Nos.</b>			
	Storage Capacity: 1 TB				
	Solid state hybrid drive (SSHD) in a 3.5-inch Form factor				
	SATA 6GB/s with NCQ for interface speed				
	<b>Or Equivalent</b>				
14	<b>Mid Range Server</b>	<b>03 Nos.</b>			
	CPU Intel Xeon (Gen 9 or above) ES-2670 V- 2.3 GHz or higher 30m Cache, 9.60GT/s QPI, Turbo, HT, 12C/24T (120W)				
	Hard Drive 4x600GB 10K RPM SAS 2.5 in Hot-plug Hard Drive				
	Memory 4x16GB RDIMM, 2133MT/s, Standard Volt, Dual Rank				
	Raid Controllers : PERC H730 Integrated Raid Controller, 1GB NV Cache				
	Network Adaptor Broadcom 5720 DP 1 GB Network Interface Card				
	Power Supply Dual, Hot-Plug, Redundant Power Supply (1+1),750W				
	Internal Optical Drive DVD+/RW, SATA, Internal(Dual)				
	ILO Connector				
	<b>Or Equivalent</b>				

Item #	Description	Quantity	Quoted		Deviation
			Yes	No	
15	<b>External Hard Drives 2 TB</b>	05 Nos.			
(i)	<b>Interface:</b>				
	USB 3.0 (USB 2.0)				
	<b>Serial Transfer Rate:</b>				
	<b>USB 3.0</b>				
	Serial Bus Transfer Rate (USB 3.0) 5 GB/s (Max)				
	<b>USB 2.0</b>				
	Serial Bus Transfer Rate (USB 2.0) 480 MB/s (Max)				
(ii)	<b>Capacity:</b> 2GB				
(iii)	<b>Physical Dimensions (or equivalent)</b>				
	Height: 6.70 Inches				
	Depth: 5.50 Inches				
	Width: 1.90 Inches				
	Weight: 1.96 Pounds				
(iv)	<b>Environmental Specifications:</b>				
	<b>Temperature:</b>				
	Operating: 41° F to 95° F				
(v)	Non-operating: -4° F to 149° F				
	<b>Temperature (Metric):</b>				
	Operating: 5° C to 35° C				
(vi)	Non-operating: -20° C to 65° C				
	<b>Compatibility (Operating System):</b>				
	Windows/Mac				
	<b>Or equivalent</b>				
16	<b>Biometric Face ID Device with ZK Software</b>	20 Nos.			
	<b>Display:</b> 4.3'' TFT Touch Screen				
	<b>Face capacity:</b> 3000 (1:N)				
	<b>Fingerprint capacity:</b> 2000				
	<b>ID Card capacity:</b> 10,000				
	<b>Logs capacity:</b> 100,000				
	<b>Algorithm Version:</b> ZKFace VX 7.0 & ZKFinger VX10.0				
	<b>Communication:</b> TCP/IP, RS232/485				
	<b>USB-HOST:</b> Two USB-Host				
	<b>Time attendance Standard functions:</b> Automatic Status Switch, Self-Service Query, Work Code, T9 input, 9 digit user ID, DSL, Multiple Verify Mode, Photo ID				
	<b>Access control interfaces for</b> Wiegand Signal: 3rd Party Electric Lock, Door Sensor, Exit Button output				
	<b>Optional functions:</b> ID/Mifare Card, Extendable Scheduled-bell, GPRS, ADMS, Wi-Fi, 2000mAh backup battery(included)				
	<b>Power Supply:</b> 12VDC 3A				
	<b>Verification Speed:</b> ≤2 sec				
	<b>Operating Temp:</b> 0 °C- 45 °C				
	<b>Operating Humidity:</b> 20%-80%				
	<b>Dimension(W×H×D):</b> 192 * 147*101 mm				
	<b>Gross Weight:</b> ≤ 1.60 kg				
	<b>Or equivalent</b>				

**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 \_\_\_\_\_ 19\_\_\_\_.

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

**BILL OF QUANTITY (B.O.Q) / SCHEDULE OF REQUIREMENT**

Items #	Description	Quantity	Quoted	
			Unit Price	Total Price
1	<b>Thin Client (Latest Model)</b>	50 Nos.		
	Thin client with embedded windows 8.1			
	VGA Port			
	USB			
	Sound 2.1			
	<b>Or Equivalent</b>			
2	<b>Laptop (Core i3 1TB 8GB RAM) HP Or equivalent</b>	02 No.		
	4th Generation Core i3-5005U Processor (2 Cores - 4 Threads)			
	Processor Speed:2.0 GHz (3 MB Cache, Broadwell)			
	Installed RAM: 8 GB			
	Hard Drive: 1 TB			
	Optical Drive: Super Multi DVD Burner			
	Backlight: LED			
	Screen Size: ≥ 15.6" HD WLED Screen 720p			
	Screen Surface: HD WLED Screen			
	<b>Or Equivalent</b>			
3	<b>SAS Hard drive for Server 72GB 2.5"</b>	30 Nos.		
	Category: Proliant Hard Drive			
	Sub-Category: 15K			
	Generation: SAS			
	Capacity: 72GB			
	Interface Type: Serial Attached SCSI			
	Spindle Speed: 15000RPM			
4	<b>SAS Hard drive for Server 300GB 3.5"</b>	20 Nos.		
	Product Description: 15K.7 - hard drive - 300 GB - SAS-2			
	Device Type: Hard drive – internal			
	Capacity: 300 GB			
	Form Factor: 3.5" x 1/3H			
	Data Transfer Rate: 600 Mbps			
	Spindle Speed: 15000 rpm			
	Buffer Size: 16 MB			
	Interface Type: Serial Attached SCSI 2			
	Average Seek Time: 3.48 ms			
	Weight: ≤ 0.70 kg			
	Dimensions (WxDxH): 10.2 cm x 14.7 cm x 2.5 cm			
	<b>Or Equivalent</b>			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
5	<b>SAS Hard drive for Server 146GB 2.5"</b>	20 Nos.		
	Drive Type: Internal			
	Storage Capacity: 146 GB			
	Drive Interface: SAS			
	Drive Interface Standard: 3Gb/s SAS			
	Rotational Speed: 10000 rpm			
	Hard Disk Size: 146.00 GB			
	Hardware Platform: PC			
	Form Factor: 2.5 inch			
	Hard Disk Interface: Serial Attached SCSI			
	Hard Disk Rotational Speed: 10000 RPM			
	Item Display Weight: 1.25 pounds			
	<b>Or Equivalent</b>			
6	<b>RAM for Server (DDR3 8GB)</b>	15 Nos.		
	Hardware Platform: PC			
	Item Weight: ≤ 1 ounces			
	Product Dimensions: 6.5 x 2.2 x 0.5 inches			
	Item Dimensions LxWxH: 6.5 x 2.25 x 0.5 inches			
	Computer Memory Type: DDR3 SDRAM			
	Voltage: 1.5 volts			
	<b>Or Equivalent</b>			
7	<b>RAM for PC (1GB DDR2)</b>	50 Nos.		
	1GB (1024MB)			
	667MHz			
	DDR2			
	240 pin			
	<b>Or Equivalent</b>			
8	<b>Hard Drive for PC (160GB SATA)</b>	60 Nos.		
	SATA2 3.5" Desktop Hard Drive			
	Capacity: 160 GB			
	Cache: 2MB			
	RPM: 7200 rpm			
	<b>Or Equivalent</b>			
9	<b>Hard Disk for Laptop (500 GB)</b>	02 Nos.		
	Hard Disk Capacity: 500 GB			
	Form Factor: 2.5-Inch			
	Hard Disk RPM: 7200 RPM			
	Buffer Size: 16 MB			
	Item Display Weight: ≤ 0.50 pounds			
	<b>Or Equivalent</b>			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
<b>10</b>	<b>Motherboard Core2duo 3.0</b>	<b>30 Nos.</b>		
<b>(i)</b>	<b>Chipset &amp; CPU Support:</b>			
	Intel Q35 Express			
	LGA 775			
	Supports Compatible Core 2 Quad / Core 2 Duo / Core 2 Extreme / Pentium E / Pentium D / Pentium 4			
	FSB 1333/1066/800MHz			
<b>(ii)</b>	<b>Memory Support:</b>			
	Number of Memory Slots: 4			
	Memory Type: DDR2			
	Memory Speed: DDR2-1066/800/667			
	Max Amount: 8GB			
<b>(iii)</b>	<b>Graphics:</b>			
	Intel GMA 3100			
<b>(iv)</b>	<b>Expansion Slots:</b>			
	1x PCI Express x16			
	1x PCI Express x1			
	2x PCI			
<b>(v)</b>	<b>Storage:</b>			
	6x SATA II / 3GB/s			
	1x PATA IDE (supports up to 2 devices)			
	0/1/0+1/5			
<b>(vi)</b>	<b>Networking:</b>			
	Chipset: Intel 82566DM			
	1x Gigabit 10/100/1000 LAN			
<b>(vii)</b>	<b>USB Ports:</b>			
	12x USB 2.0 ports (4 at back panel, 8 on board)			
<b>(viii)</b>	<b>Internal I/O Ports:</b>			
	3x USB 2.0 connector (supports 6 USB 2.0 ports)			
	<b>Or Equivalent</b>			
<b>11</b>	<b>Power Supply 24 pin 500W</b>	<b>40 Nos.</b>		
	Black Powder Case			
	Silent Black Cooling Fan			
	User Control Turbo Fan Switch			
	Support both Intel and AMD Systems			
	Built-in inrush current, over temperature, over current, and over voltage protection circuits			
	Switching power supply			
	ATX12V Ver. 2.0			
	<b>Or Equivalent</b>			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
12	<b>Power Supply for Server 499249-001</b>	<b>04 Nos.</b>		
	<b>Rated line voltage:</b>			
	90-132 V ac			
	180-264 V ac			
	<b>Rated input current:</b>			
	7.5 A (at 100 V ac)			
	3.8 A (at 200 V ac)			
	<b>Rated input frequency:</b>			
	47-63 Hz			
	<b>Rated input power:</b>			
	980 W (at 100 V ac)			
	1035 W (at 120 V ac)			
	1170 W (at 240 V ac)			
	<b>POWER SUPPLY OUTPUT (PER POWER SUPPLY)</b>			
	<b>Rated steady-state power:</b>			
	460 W (at 100 V ac)			
	<b>Maximum peak power:</b>			
	460 W (at 200 V ac)			
	460 W (at 100 V ac)			
	460 W (at 200 V ac)			
	<b>Or Equivalent</b>			
13	<b>Hard Drive CCTV 1TB</b>	<b>10 Nos.</b>		
	Storage Capacity: 1 TB			
	Solid state hybrid drive (SSHD) in a 3.5-inch Form factor			
	SATA 6GB/s with NCQ for interface speed			
	<b>Or Equivalent</b>			
14	<b>Mid Range Server</b>	<b>03 Nos.</b>		
	CPU Intel Xeon (Gen 9 or above) ES-2670 V- 2.3 GHz or higher 30m Cache, 9.60GT/s QPI, Turbo, HT, 12C/24T (120W)			
	Hard Drive 4x600GB 10K RPM SAS 2.5 in Hot-plug Hard Drive			
	Memory 4x16GB RDIMM, 2133MT/s, Standard Volt, Dual Rank			
	Raid Controllers : PERC H730 Integrated Raid Controller, 1GB NV Cache			
	Network Adaptor Broadcom 5720 DP 1 GB Network Interface Card			
	Power Supply Dual, Hot-Plug, Redundant Power Supply (1+1),750W			
	Internal Optical Drive DVD+/RW, SATA, Internal(Dual)			
	ILO Connector			
	<b>Or Equivalent</b>			

Item #	Description	Quantity	Quoted	
			Unit Price	Total Price
15	<b>External Hard Drives 2 TB</b>	05 Nos.		
(i)	<b>Interface:</b>			
	USB 3.0 (USB 2.0)			
	<b>Serial Transfer Rate:</b>			
	<b>USB 3.0</b>			
	Serial Bus Transfer Rate (USB 3.0) 5 GB/s (Max)			
	<b>USB 2.0</b>			
	Serial Bus Transfer Rate (USB 2.0) 480 MB/s (Max)			
(ii)	<b>Capacity:</b> 2GB			
(iii)	<b>Physical Dimensions (or equivalent)</b>			
	Height: 6.70 Inches			
	Depth: 5.50 Inches			
	Width: 1.90 Inches			
	Weight: 1.96 Pounds			
(iv)	<b>Environmental Specifications:</b>			
	<b>Temperature:</b>			
	Operating: 41° F to 95° F			
	Non-operating: -4° F to 149° F			
(v)	<b>Temperature (Metric):</b>			
	Operating: 5° C to 35° C			
	Non-operating: -20° C to 65° C			
(vi)	<b>Compatibility (Operating System):</b>			
	Windows/Mac			
	<b>Or equivalent</b>			
16	<b>Biometric Face ID Device with ZK Software</b>	20 Nos.		
	<b>Display:</b> 4.3'' TFT Touch Screen			
	<b>Face capacity:</b> 3000 (1:N)			
	<b>Fingerprint capacity:</b> 2000			
	<b>ID Card capacity:</b> 10,000			
	<b>Logs capacity:</b> 100,000			
	<b>Algorithm Version:</b> ZKFace VX 7.0 & ZKFinger VX10.0			
	<b>Communication:</b> TCP/IP, RS232/485			
	<b>USB-HOST:</b> Two USB-Host			
	<b>Time attendance Standard functions:</b> Automatic Status Switch, Self-Service Query, Work Code, T9 input, 9 digit user ID, DSL, Multiple Verify Mode, Photo ID			
	<b>Access control interfaces for Wiegand Signal:</b> 3rd Party Electric Lock, Door Sensor, Exit Button output			
	<b>Optional functions:</b> ID/Mifare Card, Extendable Scheduled-bell, GPRS, ADMS, Wi-Fi, 2000mAh backup battery(included)			
	<b>Power Supply:</b> 12VDC 3A			
	<b>Verification Speed:</b> ≤2 sec			
	<b>Operating Temp:</b> 0 °C- 45 °C			
	<b>Operating Humidity:</b> 20%-80%			
	<b>Dimension(W×H×D):</b> 192 * 147*101 mm			
	<b>Gross Weight:</b> ≤ 1.60 kg			
	<b>Or equivalent</b>			

**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 # \_\_\_\_\_