



Ph. No.99215727
Fax No.99215733

NO.MS(CHK) /2009-2010/-
Civil Hospital,
Baba-e-Urdu Road, Karachi
DATED THE 2010.

TENDER NOTICE

Civil Hospital, Karachi, invites sealed bids from the Contractors / Suppliers for Repair of Medical Equipment and supply of High graded Plastic Garbage Drums & Cartages for printers during the financial year 2009-2010 as per clause 46(1) of SPPR-2010.

S. No	Name of Items	QUANTITY
1.	Repair / Replacement of Parts.	
	i) Ventilator with servicing & Complete Overhauling in Peads II	02 Nos.
	ii) Colonovideoscope with servicing & Complete Overhauling in Medical-II	01 No.
	iii) Autoclave with servicing & Complete Overhauling in E.OT	01 No.
	iv) Laparoscope Camera with servicing & Complete Overhauling in G.OT	01 No.
	v) Echocardiography Machine Model : GE Vivid III	01 No.
2.(B)	Supply of High Graded Plastic Garbage Drums (Sample must be provided on the date of opening)	
	i) 660 liter with 4 wheels	05 Nos.
	ii) 240 liter with 2 wheels	10 Nos.
	iii) 120 liter Bin with 2 wheels (Color Red, Yellow & Gray)	60 Nos.
	iv) 70 liter Bin with Pedal. (Color Red, Yellow & Gray)	90 Nos.
3.(C)	Supply of Laser Printers Cartages (Original) for :-	
	i) HP LaserJet P2035	30 Nos.
	ii) HP LaserJet P1005	10 Nos.
	iii) HP LaserJet 1000 series	10 Nos.

1. Tender can be purchased on submission of the written application from the office of the undersigned from the date of publishing till 29-04-2010 and the same will be opened by the Tender Opening Committee in the Board Room of Civil Hospital, Karachi on 30.4.2010 @ 11.30 a.m. and the same should be dropped on 30.04.2010 at 10.30 a.m.
2. Earnest Money 2% of the Estimated Cost will be accepted in shape of Cashier's Cheque tender Fee Rs: 100/- (Non-Refundable) will be received in shape of Cash.
3. Conditional Tender against the Govt. rules / policy will not be entertained.
4. All the Government Taxes will be deducted from the bills of the Contractor / Suppliers.

Even No.

**MEDICAL SUPERINTENDENT,
CIVIL HOSPITAL, KARACHI.**

Copy is forwarded for necessary action to :-

1. The Director Information, Information Department, Government of Sindh with the request that the above said Tender may please be published in prominent newspapers One English, One Urdu & One Sindhi for one day only under intimation to this office.
2. The Secretary, Information Technology Department with the request that the said advertisement may please be placed at Government Website.
3. The Director General, SPPRA, Government of Sindh, Karachi, with the request to place this tender on SPPRA website.
4. Notice Board.

**MEDICAL SUPERINTENDENT,
CIVIL HOSPITAL, KARACHI.**



Ph. No.99215727
Fax No.99215733

NO.MS(CHK) /2009-2010/-
Civil Hospital,
Baba-e-Urdu Road, Karachi
DATED THE 2010.

TENDER NOTICE

Civil Hospital, Karachi, invites fresh sealed bids for supply of Machinery / Equipment in the following schemes during the financial year 2009-2010 as per SPPR-2010.

A complete scheme wise set of the tender enquiry with terms and conditions can be purchased from the office of the Addl. Medical Superintendent (Procurement) upon cash payment of Rs.500/- per set (non-refundable) on submission of application along with copy of N.T.N Certificate.

The bids must be dropped on 26-04-2010 at 10:30 a.m. in the office of the Addl. Medical Superintendent (Procurement) Civil Hospital, Karachi. These will be opened publicly in the presence of the bidders or their authorized representative, who choose to attend in the Board Room C.H.K. on 26-04-2010 at 11.30 a.m.

S. No	Name of Items	Date of opening
1.	Machinery / Equipment i) Under ADP Scheme No.1374/2009/2010 (Re-tender) ii) Under ADP Scheme No.1375/2009/2010 (Re-tender) iii) Under ADP Scheme No.1376/2009/2010 (Re-tender) iv) Under ADP Scheme No.1377/2009/2010 (Re-Tender)	26.04.2010

1. The tender form will be sold from the date of publication to till 24-04-2010.
2. Technical and Financial proposals should be submitted in separate envelopes.
3. Bid security 5% of total value of the quoted items.
4. In case of announcement of Public Holiday or any unfavorable circumstance the Tender / bids will be opened on next working day.
5. All quotations shall include Government Taxes if applicable. These will be deducted from the bills, according to the Government Rules.
6. The undersigned reserves the right to reject the tender subject to relevant provision of SPPR-2010.
7. The tender sets can be downloaded from Sindh Government website (www.sindh.gov.pk) and the tender fee receipt (in original) must be attached when dropped.

**MEDICAL SUPERINTENDENT,
CIVIL HOSPITAL, KARACHI.**

**CIVIL HOSPITAL, KARACHI
HEALTH DEPARTMENT
GOVERNMENT OF SINDH**

Annexure-A

TERMS AND CONDITIONS

**TENDER FOR THE PURCHASE OF Machinery & Equipment Under ADP Scheme No. 1375
namely “ MEDICAL ICU UP-GRADATION OF LABORATORY FACILITIES” At Civil Hospital,
Karachi, during the financial year 2009-2010.**

Tender Enquiry No. MS(CHK)2009-2010/- 2121

Due date 26-04-2010

Cost of the tender:	Rs.500/= (Non refundable)
Tender selling date from	From the date of publishing to 24-04-2010
Date for Tender submission	26-04-2010 from 9.00 am to 10.30 am
In the tender box	in the office of A.M.S (Procurement) C.H.K
Tender opening Date & Time	26-04-2010 at 11.30 a.m. in Board Room Civil Hospital, Karachi, before the participants.

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

Bidders are required to comply all the clauses mentioned in the Terms and Conditions of the Tender and any deviation will forbid them from competing in the tender

1. In this tender TWO Envelopes procedure as per SPPR 2010 Rules will be followed i.e. **TECHNICAL** and **FINANCIAL BIDS** will be submitted in separate sealed envelopes.
 - a) In the **Technical Bid**, the bidder must provide original data sheet and technical brochure and all other documents, and copy of Cashier's Cheque with out Showing the amount figure otherwise, the bid will be ignored. The technical evaluation will be done on the basis of criteria given in tender document.
 - b) A Column is given against the specification of each item, the vendor has to fill up with YES / NO or put a value as desired in the column. These specifications must be highlighted in the brochure./Technical sheet.
 - c) In **Financial Bid**, the vendor should mention financial offer along with CASHIER'S CHEQUE 5% value of the quoted items in favor of Medical Superintendent Civil Hospital Karachi.
2. The original tender purchase receipt issued by Accounts Section Civil Hospital, Karachi should be submitted along with **Technical Bid**.
3. The disclosure of firm's price at the time of opening of technical bid will result in the rejection of the bid.
4. A Column is given against the specifications of each item; the vendor must fill these with YES/NO or put value as desired in the column. These specifications must be highlighted in the brochure.
5. The **Financial Proposal** should contain only the prices of the equipments/item which are quoted.
6. The disclosure of firm's quoted rate in any manner at the time of opening of technical bid will result in the rejection of the bid.
8. No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury in case of non-submission of security money within seven (7) days of receipt of the Advance Acceptance. (Letter of Acceptance)
9. No escalations in rates are allowed in any case after submission of the tender.
10. Only manufacturer / valid sole agent or Authorized Agent in Pakistan for a foreign manufacturer can participate in the tender for the item

11. The purchaser will initially open only the envelopes marked “**Technical Proposal**” in the presence of Bidders or their representatives who chose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet. The envelope marked “**Financial Proposal** “ shall be retained in the custody of Purchaser without being opened till the completion of the Technical Evaluation.
12. The first scrutiny of technical bids will be performed by the Technical Committee on the basis of the data sheet and literature provided. Financial bids of technical qualified firms will be opened.
13. The equipment offered must be of latest version/generation and in case an old model is offered, it will not be considered, even though it is as per the tender specifications.
14. All documents / papers submitted with the technical and commercial bid should be paginated and certificate should be recorded duly signed and stamped at the end of the bid, else, the bid will be ignored.
15. Quality Assurance Tools / Test equipment availability with local agent for PPM (Periodic Preventive Maintenance) and periodic calibration along with list of test tools with calibration validity should be provided by firms before entering the agreement.
16. Certificate from the Manufacturer / Sole Agent that the vendor has fully equipped workshop, along with the list of Trained Personnel / Engineers and Equipment should be provided with technical bid and it can be physically verified by the Technical Committee of CHK, Karachi at any time before finalizing the tender.
17. The successful bidder will be required to submit security money in shape of CASHIER'S CHEQUE @ 5% of the total value of order in favor of Medical Superintendent, Civil Hospital, Karachi within Seven (7) days after receiving of the letter of acceptance.
18. The vendor will give Two (2) years warranty with parts and consumables, if any, and further one years free service without parts.
19. The warranty period will commence from the date of commissioning of the unit as per report of the end user or technical person of Civil Hospital, Karachi.
20. Firm must provide complete details of their financial standing, listing of similar equipment supplied in Pakistan, bio-data of engineers with training certificates/ test equipment, details of local stock of spare parts for similar equipment and details of office with number of personals; else, the bid will be ignored.
21. The vendor will provide technical / operational training to electro-medical engineer / end user from factory trained engineers. The supplier should provide detail of training program.
22. All equipment to be supplied should be accompanied with Two (2) original copies of the operation, service / maintenance and schematic diagram and spare parts list, manual in English language.
23. The vendor has to quote only one rate for each item as per tender specifications. (Alternate model will be considered. If a separate purchase receipt is attached), First offer will be preferred. All tender must be typed / printed. Hand written tenders or those having any cutting or erasing will be ignored.
24. The bidder shall submit with the bid, an **UNDERTAKING** on Non-judicial stamp paper of Rs.50/= duly attested by Oath Commissioner, stating that the equipment will be supplied is the brand new and of latest version / model, free from defects in design material and workmanship and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business, the supplier shall be bound to make an alternate arrangement of spares and maintenance of equipment. In case of default, depreciated cost of equipment will be recoverable from him.

25. 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.
26. Vendor will be responsible for routine pre-requisite installation and pre-installation, free of cost.
27. Equipment / Instrument will be handed over to the Addl. Medical Superintendent, (Stores) Civil Hospital, Karachi, along with copy of Delivery Challan / Note to the Medical Superintendent, Civil Hospital, Karachi.
28. If vendor doesn't supply equipment in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default of terms and condition of the tender, it will be disqualified and the earnest / security money will be forfeited.
29. If the vendor fails to supply and install the equipment of the purchase order within the stipulated period, the liquidated charges will be imposed ..
30. The decision once taken will be final and will not be challenged in any court of law.
31. Up-gradation of Software(s) as well as FMIS for the life of system should be provided from the manufacturer if required.
32. The payment will be made within 30 days after getting the Joint Inspection Report duly signed by the nominated members (End User / Technical Expert, Store officer / Official of Civil Hospital, Karachi).
33. A copy of Income Tax and GST Registration Certificate should be submitted along with Technical Bid.
34. Conditional tender(s) against the Govt: rules/policy will not be entertained / accepted.
35. The equipment should be preferred Compatible, with available equipments of this hospital and should be FDA /CE marked.
36. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately and the same will be considered if found the said features are good/best.
37. The system will have the minimum uptime 95% in case of down time beyond this period the following penalty will be applied:
 - a) 95% to 100% No penalty.
 - b) 90% to 95% the warranty period will be extended by the number of days System in down.
 - c) 85% to 90% warranty period will be extended 1.5 time the down time period.
 - d) 80%85 warranty period will be extended two time for the down time period and supplier is supposed to give justification of delay.
 - e) Uptime less then 80% hospital will complain to the Principal to take action against the supplier and warranty will be the three time for the down time period.
 - f) However, PPM will not consider in the down time and PPM of the system will be done as per manufacturer recommendation.
38. The attached questioner Performa must be properly filled and should be completed in all respect. In case questioner Performa is incomplete or information/formations provided are incorrect, the tender shall be rejected and the firm can be disqualified.
39. The Medical Superintendent, Civil Hospital, Karachi reserves the right to reject or accept any / all tender(s) subject to relevant provision of SPPRA Rules 2010.

40. The Bid which does not fulfill the prescribed conditions in the tender is liable to be ignored/ rejected.
41. The Medical Superintendent, Civil Hospital Karachi, reserves the right to increase or decrease the quantity as per rules.
42. In case of Purchase on C.I.F basis, the bidder will invest the money to open Letter of Credit within couple of week after receiving the supply order and will bear all the charges in this regard. The required certificate will be issued by this office that the import has been made for this hospital, so as to avail the facility of exemption of duties / taxes, as per Government Rules/Policy and the terms & conditions regarding payment will be decided mutually by the procuring agencies and the bidder.
43. In case of supply order placed on F.O.R basis the bidder should be supplied the quoted item on or before 20th June, 2010.
44. All the (applicable) Government taxes (Income Tax/ 0.20% Stamp Duty of the value of the contract amount will be deducted from the bills of the Contractors /Suppliers.
45. The offer will remain valid for 90 days.
46. **Criteria for Evaluation of Bid**
 - a. Specifications compliance
 - b. After sale service facility
 - c. Bio Medical Engineering Workshop with Engineer's and Technical staff
 - d. Operational Cost
 - e. Delivery Schedule
 - f. Validity of Offer
 - g. Past performance of Manufacturer / Sole Agent
 - h. Submission of catalogue, Diagrams & Service Manual
 - i. Authority letter from Manufacturer
 - j. Company Agreement from the Principal
 - k. Guaranty of Availability of parts for 10 Year
 - l. Earnest Money

I / we agreed above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNIC NO _____ (Attested Copy must be attached)

Full Address _____

Rubber Stamp : _____

Annexure "B"
QUESTIONNAIRE / PERFORMA
 (To be filled in by the vendor all the quoted item.)

Equipment _____

Model _____

Manufacturer _____

Supplier _____

1- Year of Introduction of the offered model: _____
 Version (if same model revised): _____

2- Number of equipment installed (Please provide names of institution for Pakistan/ Karachi)

- World wide. _____
- In Pakistan. _____
- In Karachi _____

3- Manuals to be provided:	Yes	No
- Service.	_____	_____
- Parts List	_____	_____
- Electrical Drawing/ Schematics	_____	_____
- Operational/ Application	_____	_____

4- Spare parts Availability Guarantee (No of years): _____

5- Source of spares availability _____ Lead time _____

- Local _____ Overseas _____

6- Equipment life period (number of years) _____

7- Do you hold specialized tools/test equipment required for:

- Maintenance	Yes	No	N/A
- Calibration	_____	_____	_____

Please provide list of tools/test equipment including their calibration status on a separate sheet.

8- Annual Maintenance contract Price:

- Parts and Labor: _____
- Labor without parts: _____

9- On call service charges:

- Minimum: _____
- Per day: _____

10- In case of in house maintenance by CHK engineers are you willing to provide following during post warranty period.

- Back up engineer support whenever requested: Yes No
- Prompt supply of spares/ consumables: _____
- 11- Are you authorized representative of manufacturer: _____
- 12- No of Factory trained engineer available locally
Locally on offered equipment (provide training
Certificate & years of experience): _____
- 13- Total number of years in business: _____
- 14- Warranty period (please provide following details:
 - Uptime Guarantee: _____%
 - Response time to maintenance requested: _____Hrs
 - No of PPM/Year: _____
 - Any other: _____
- 15- Do you have any objection/ concerns to use similar
specification spares of alternate/ other manufacturer
during warranty of maintenance contract (if available) Yes No

- 16- Comprehensive CHK Engineer Training Yes No
If yes state what included: _____
 - Training Fees _____
 - Airfare _____
 - Boarding/Lodging _____
 - Free of charge _____
 - None of the above _____
- 17- Up-gradation possibility:
 - Hardware YES / NO Software YES / NO
 - If above has any cost please provide the details of up-gradation with estimated price:

Please state safety standard conformance (e.g. IEC 601,FDA, AAMI etc):

18- Pre-Installation services requirements:

Power: _____ KW Voltage: _____ Single/Three phase
 Gas: _____ Cu.ft/ hr Water: _____ Gallons/ Liter Hour
 _____ PSI (pascal)

(If pre-treated water required, please provide details)

Air _____ PSI Vacuum _____ mmgh

Other: _____

(e.g. Drain, Exhaust, Physical facility change etc)

Installation time: _____

Installation/ commissioning by whom: _____

19- Environmental Parameters Limits:

- Temperature _____ to _____ centigrade/ Fahrenheit
- Humidity _____ to _____ % RH.

IEC 601- International Electro Technical commission (Code 601)

AAMI - American Association for medical instrumentation.

20- Any other specific requirement (e.g. UPS, Voltage Stabilizer etc, provide details):

21- Briefly state facilities and benefits provided during warranty period:

22- Please give the rates of consumable, Disposable items and parts required for proper functioning of Machine /equipment life period of each item (in days /months).

Note: (The said Performa should be filled by the vendor to provide information of the entire quoted item.)

Supplier's Name: _____

Authorized Signature: _____ Designation _____

Annexure- “ C ”

**Schedule for Invitation Tender for Machinery & Equipment Under ADP Scheme No. 1375
namely “ MEDICAL ICU UP-GRADATION OF LABORATORY FACILITIES” At Civil Hospital,
Karachi, during the financial year 2009-2010.**

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
1	Suction Machine		12 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Low noise Suction Machine					
	02 Autoclave able Poly siphons unbreakable Jars					
	Smooth running for long period of time					
	Built in internal hydrophobic filter					
	Over flow control valve					
	Voltage:	230V+/- 10% - 50-60 Hz				
	Vacuum:	0 to 0.85 bar / 0 to 650mm Hg				
	Flow rate:	60 1/min				
	Collection:	2 x 2 liter				
	Built-in:	Integrated trolley				
	Noise level:	65 Db				
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
2	Fire Alarm System	4782 Sq.feet	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	2 Loop Fire Alarm Control Panel	01 No.			
	Optical Smoke Detector with Base	01 No.			
	Rate of Rise Heat Detector with Base	01 No.			
	Fire Alarm Bell	01 No.			
	Fire Alarm Sounder	01 No.			
	Manual Call Point	01 No.			
	Line Isolator Unit	01 No.			
	Cell station with module	01 No.			
	Sounder with Flasher	01 No.			
	CO2, Fire Extinguishers, Capacity 05 Kg	01 No.			
	DCP, Fire Extinguishers, Capacity 04 Kg	01 No.			
	DCP, Fire Extinguishers, Capacity 06 Kg	01 No.			
	BCF, Fire Extinguishers, Capacity 06 Kg	01 No.			
	Foam AFFF Fire Extinguishers, Capacity 09-Liters	01 No.			
	Water Type Fire extinguishers, Capacity, 09-Liters	01 No.			
	CO2, Refilling of Extinguishers 06 Kg	01 No.			
	DCP, Refilling of Extinguishers 04 Kg	01 No.			
	DCP, Refilling of Extinguishers 06 Kg	01 No.			
	Helitron,, Refilling of Extinguishers 06 Kg	01 No.			
	Water, Refilling of Extinguishers 09 Kg	01 No.			
	Complete Installation, Network, Testing and Commissioning of fire alarm system	01 No.			
	Programming control panel – interfacing call Station Testing / Commissioning of fire alarm system.	01 No.			
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				

	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

	Thermo-stating temperature for solid state should not exceed 37.0°C				
	The power range should start from 100 V AC to 240 V AC at 50/60 Hz and 60 VA				
	The printer should be built in thermal printer				
	CONSUMABLE KIT SHOULD NOT BE CARTRIDGE SYSTEM.				
	INTERFACE OPTIONS: Connection to lab, computer, ticket printer				
	INTERFACE BOARD: RSI5m 1 channel serial output RS 232, 9- Pole D – connector, ASCII code				
	APPROVALS: UL, CSA and GS – Zeichen, JQA. In compliance with IEC				
	Should Supplied with : pHO% Reagent Pack B X 20 Pack PO2 membrane Pack of 3 X 3 Pack PCO2 Membrane Pack of 3 X 3 Pack Na/pH Conditioning solution X 4 Bottles Preheater Cleaning Agent X 3 Box W/R Pump tubing assembly X 4 Sets Tri-Level QC ampules X 4 Nos. SO2% Calibration ampules X 4 Nos.				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
4	Stat Electrolyte / Chemistry Analyzer Fully Automatic 450 tests per hour or 80 samples per hour. Integration Facility with laboratory software.		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Bench top					
	Fully automatic					
	More than 450 tests / hour					
	More than 80 samples / hour					
	Test panel comprising of: Sodium, Potassium, Chloride, TCO2, Glucose, BUN, Creatinine and Hematocrit					
	Capable of: Test on whole blood, Serum, C.S.F, Plasma and Urine sample.					
	Bar core reader facility.					
	Integrated facility with laboratory software					
	Facility for stat and batch analysis					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
5	Spectrophotometer for Bio Chemistry (Semi Automated Chemistry Analyzer)		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Open System					
	Photometric Range : -0.100 to 2.300					
	External Key Board					
	Password for programming					
	High Contrast Graphical LCD Display					
	Measuring Time 2 to 998 sec for Kinetic / Two point Kinetic					
	Delay Time Programmable upto 0 to 999 sec					
	Calibration Automatic on upto 10 Standards					
	Flow Cell : Metal with Quartz Windows					
	Aspirator system : Internal Pump of Belows					
	Type : Driven by Stepper Motor					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
6	Five part differential hematology analyzer minimum 40-42 parameters, 280-300 samples per hour. Hematology analyzer 40-42 parameter with dedicated channels of body fluids analysis.	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	40-42 parameter body fluids analysis. With following tests facility: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, NEUT%, LYMPH%MONO%, EO%, BASO%, NRBC%, NEUT#, LYMPH#, MONO#, EO#, BASO#, NRBC#, RDW-SD, RDW-CV, MPV, P-LCR*, PDW*, PCT*, RET%, RET#, LFR, MFR, HFR, IRF, IG%, IG#, HPC#, RET-He, IPF, WBC-BF, RBC-BF, MN%, MN#, PMN%, PMN#.				
	Fluorescence flowcytometry method By using semiconductor laser.				
	05 parts diff, Retics, NRBC, HPC, RDW-SD, PLT-O				
	CBC+NRBC+WBC5DIFF : Approx. 140-150 samples/hr/each unit				
	CBC+NRBC+WBC5DIFF+RET : Approx. 100-110 samples/hr/each unit				
	CBC+RET : Approx. 100-110 samples/hr/each unit				
	Body fluid analysis : Approx. 30-35 sample/hr/each unit				
	Discrete mode : CBC, CBC+NRBC, CBC+DIFF, CBC+DIFF+RET, CBC+RET, CBC+DIFF+NRBC, CBC+DIFF+NRBC+RET				
	Sampler mode : Approx. 200uL Manual mode : Approx. 200uL Manual mode : Approx. 130LI Capillary mode: Approx. 40uL HPC & Body fluid analysis : Approx. 130uL				
	Analysis data storage : 10,000 samples Patient information : 5,000 patients Order information : 1,000 samples				
	Quality Control : 20 QC files with 300 data points, 1 X barM file with 300 data points				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
7	Electrophoresis Machine Hb HPLC System		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Fully automatic					
	High performance liquid chromatography system					
	Whole blood primary tube sampling system					
	Should have ability to read bar coded for identification and print chromatograms					
	Rack loading system capacity of approximately 50 samples at a time.					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
8	Photocopier Canon or similar		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Print Speed : 25ppm Mono					
	Print Resolution : 1200 x 1200 dpi					
	First Copy Time :Less than 4.9 sec					
	Warm-up Time : 30 sec or less (10 sec or less from sleep mode)					
	Paper Capacity : 550 sheets x 2 cassettes (1100 sheets)					
	Multi-stack bypass : 50 sheets (80gsm)					
	Memory : 512MB + 256MB					
	Hard Disk Drive : 60GB					
	Pages per minute : 25					
	Delivers output at up to 20 pages-per-minute					
	Should be with network capability					
	Should be with scan capability					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
9	Installation of Close Circuit TV Camera System complete along with all accessories including labour charges etc	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Image Sensor: 1/3" Sony CCD image Sensor	14 Nos.			
	Pixels: PAL=500(H) x 582(V),				
	NTSC=510(H) x 492(V)				
	TV system: PAL/NTSC				
	Sensitive area: 4.8 x 3.6(mm)				
	Sync. system: internal				
	Resolution: 540TV Line				
	Minimum illumination: 1.0Lux/F1.2				
	S/N: more than 48dB(AGC off)				
	AGC: on/off switch				
	BLC: on/off switch				
	AWB: Auto tracing AWB				
	Electronic shutter: PAL=1/50-1/100,000 sec;				
	NTSC=1/60-1/100,000sec				
	Auto iris: video/DC driver				
	Video output: BNC 1.0Vp-p 75ohm				
	Power supply: DC12V				
	Lens mount: C/CS				
	Operating temp.: -10 ° C to +50 ° C , RH 95% max				
	Storage temp.: -20 ° C to +60 ° C , RH 95% max				
	Power supply : DC12V _i 2A	02 Nos.			
	Ambient temperature indoor $\text{ }^{\circ}\text{C}\ll 40\text{ }^{\circ}\text{C}\text{ }^{\circ}$ outdoor $\text{ }^{\circ}\text{C}\ll -40\text{ }^{\circ}\text{C}\ll 60\text{ }^{\circ}\text{C}\text{ }^{\circ}$				
	Relative humidity $\leq 95\%$ non-condensing				
	Power consumption 20W				
	Communication system RS485 bus				

Baud rate of communication 1200£ 2300£ 4800/9600bps				
Pan speed 0.5o-180o£64 ranges£©				
Pan movement 360jãendless				
Tilt movement 90jã				
Automatic flip Automatic 180o flip when vertical 90jã				
Speed limitation by long focus The dome can automatically adjust the manually control speed based on the current focal length.				
Scan between 2 points				
Scan speed 128 ranges				
Preset position number 128				
Motor speed to preset position 8 ranges				
Dwell time 255 ranges				
Tour number 4				
Preset position number of each tour 16 preset positions				
Fan and heater Fan and heater automatically start£ dome camera with temperature controlling devices£© 12V DC				
Synchronization Internal sync/external sync				
Scan 2£°1interlace				
Resolution: > 480 lines				
Brightness: 0.7Lux/0.002Lux				
Iris: auto/manual				
Focus : auto/manual				
Lens zoom ratio : 18jÃoptical zoom				
Focal length: 4.1/73.8mm				
Effective angle : Wide:47jã/tele:2jã				
Backlight				
White balance: Auto				
AGC: Auto				
System of signal : NTSC/PAL				
S/N : £³/55dB				
Signal output : 1.0jÃ0.2Vpp				
DVR				
Format : H.264 main profile	01 No.			
Master processor : Technical grade embedded micro controller				

	O.S. : Embedded Linux operation				
	System Resources : Multi channel real-time recording, playback, multi users network ops, simultaneously. USB backup output				
	Operation interface : 16bit true color graphical operation interface, support mouse operation				
	Picture display : 1/4/8/9/16 frame				
	Video standard : PAL□625TVLine, 50fps□; NTSC□525TVLine, 60fps□				
	Monitoring quality : PAL, D1□704×576□; NTSC, D1□704×480□				
	Playback quality : PAL, CIF□352×288□; NTSC, CIF□352×240□□real-time□				
	Code capacity : CIF: 400FPS PAL, 480fps NTSC; D1: 100fps PAL, 120 fps NTSC;				
	Motion detection : 396□22x18□surveyed area can be set in everyone frame; Multilevel sensitivity can be set				
	Audio compression : G711A				
	VoIP				
	Recording mode : Manual/alarm/motion detection/timing				
	Local playback : Single channel, 16 channel multi channel simultaneously (max 16channel)				
	Recording search : Time point, calendar, event, channel				
	Occupation HDD space in everyone channel : Audio: 28.8Mbyte/ hour + video: 25□450Mbyte/hour				
	Record storage : Local HDD, DVD-R/RW (PH7716AV) and network				
	Backup mode : Network, USB HDD, USB DVD-R/RW				
	Video input : 16 channel BNC				
	Video output : 1channel BNC,1.0Vp-p,75Ω□1channel VGA output				
	SD card : NO□some model only□				
	Audio input : 4channel RCA, 200-2800mV,30KΩ				
	Audio output : 1channel RCA, 200-3000mV,5KΩ				
	Alarm input : 1channel				
	Alarm output : 1channel				
	Network : RJ45 10M/100M self-adapting Ethernet port, I.E. CMS max 200channel can be managed in one system				
	PTZ : 1 x RS485				
	USB : 2 x USB interface				
	HDD : 2xSATA, supports 2TB, DVD-R/RW				
	Power : 12V/4.15A external adaptor				
	Dissipation : <10W□w/o HDD□				

	Working temperature : 0□-□55□				
	Working humidity : 10%□90%				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : KOREA / TAIWAN / CHINA				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
10	Microscope with video camera & LCD screen 40"		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	All-in one digital microscope					
	Simple platform for all operations					
	Simple configuration with tower main unit, monitor and mouse.					
	Simple mouse click facility to prepare slide glass loading.					
	Having facility network interface and web server function.					
	Having facility to operate from PC in different location with in the network.					
	Comfortable operation to enabling control over operation, observation, images capturing and even imaging sharing.					
	Observation Method: Transmitted Bright field.					
	Observation area: Entire area of slide glass preparation.					
	Image display mode: Macro (full slide glass preparation area) and micro images (Partial enlargement)					
	Optics: CF corrected infinity optics (CF160 system)					
	Illumination: White LED					
	Focusing: Auto-focus and manual					
	CCD: 2/3-in CCD (total no of pixels: 5.24-mega pixels, effective 5.07-mega pixels)					
	A/D Conversion: 12 bit					
	Magnification: On CCD, 5X, 10X, 20X, 40X, (micro image)					
	Electronic Zoom: During full-screen display, 1.4X, 2X, 2.8X, 4X, 16X (micro image)					
	Image Correction: White balance (method of setting color balance) gama correction (4 steps), shading correction					
	Live Image Display: 1.3m progressive mode (12 frames/sec. max.) 5M interlaced mode (5.9 frames/sec. max.)					
	Image size: 2560 x 1920 pixels or 1280 x 960 pixels.					
	Should complete with monitor, main unit and compact flash card.					
	Frequency: 220V AC, 50Hz					

	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
11	Fluorescence Microscope	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Consisting of:-				
	Compact, Versatile microscope ideal for clinical / laboratory inspection and basic research studies.				
	Robust, sleek and modern design.				
	CFI 60 infinity optics, treated with anti-mould paint and agent inside the microscope at critical places.				
	With bright 6V-30W halogen lamp as light source for bright field application.				
	ND-8 filter should built-in as standard				
	Complete with trinocular eyepieces tube				
	CFI 10X eyepieces pair				
	Sextuple reversed nosepiece				
	Swing-out condenser, rectangular mechanical stage.				
	CFI plan flour objective set 10X, 20X,40X and 100X oil				
	Koehler halogen illuminator 6V -30W.				
	Frequency: 220V AC, 50Hz.				
	EPI fluorescent mercury set				
	EPI Fi filter block NB 2A & NG 2A				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
12	Laser Printer (Multi-functional Heavy duty)		04 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	HP P2055D Or equivalent					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin :					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
13	Computers (i5 Processor) with UPS	09 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	PROCESSOR : INTEL CORE i5 750 2.66Ghz (8MB CACHE - 2.5 GT/s)				
	MOTHERBOARD : EVGA H55V (LGA1156- AGP+SND+LAN DDR3)				
	MEMORY : CORSAIR DDR3 4GB-1333 (2GBx2) VALUE SELECT				
	HARD DRIVE : 800GB 3.5" SATA-II 7200RPM				
	OPTICAL DRIVE : HP DVDRW 24X SATA				
	CHASSIS : COOLER MASTER CHASSIS CM ELITE				
	POWER SUPPLY : THERMAL MASTER 420				
	VIEW SONIC VX-1932WM-LED 19" SILVER BLACK WIDESCREEN				
	LOGITECH KEYBOARD				
	LOGITECH MOUSE				
	ANTEC UPS				
	Or Equivalent				
	Country of Origin : Pakistan Assembled				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

**CIVIL HOSPITAL, KARACHI
HEALTH DEPARTMENT
GOVERNMENT OF SINDH**

Annexure-A

TERMS AND CONDITIONS

**TENDER FOR THE PURCHASE OF MACHINRY AND EQUIPMENT
Under ADP Scheme No.1376 namely "UPGRADATION OF MEDICAL UNIT - I, II, III, DENTAL
DEPARTMENT & SURGICAL UNIT - II " AT CIVIL HOSPITAL KARACHI" During the financial
year 2009-2010.**

Tender Enquiry No. MS(CHK)2009-2010/- 2121

Due date 26-04-2010

Cost of the tender:	Rs.500/= (Non refundable)
Tender selling date from	From the date of publishing to 24-04-2010
Date for Tender submission In the tender box	26-04-2010 from 09.00 a.m. to 10.30 a.m. in the office of A.M.S (Procurement) C.H.K
Tender opening Date & Time	26-04-2010 at 11.30 a.m. in Board Room Civil Hospital, Karachi, before the participants.

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

Bidders are required to comply all the clauses mentioned in the Terms and Conditions of the Tender and any deviation will forbid them from competing in the tender

1. In this tender TWO Envelopes procedure as per SPPR 2010 Rules will be followed i.e. **TECHNICAL** and **FINANCIAL BIDS** will be submitted in separate sealed envelopes.
 - d) In the **Technical Bid**, the bidder must provide original data sheet and technical brochure and all other documents, and copy of Cashier's Cheque with out Showing the amount figure otherwise, the bid will be ignored. The technical evaluation will be done on the basis of criteria given in tender document.
 - e) A Column is given against the specification of each item, the vendor has to fill up with YES / NO or put a value as desired in the column. These specifications must be highlighted in the brochure./Technical sheet.
 - f) In **Financial Bid**, the vendor should mention financial offer along with CASHIER'S CHEQUE 5% value of the quoted items in favor of Medical Superintendent Civil Hospital Karachi.
2. The original tender purchase receipt issued by Accounts Section Civil Hospital, Karachi should be submitted along with **Technical Bid**.
3. The disclosure of firm's price at the time of opening of technical bid will result in the rejection of the bid.
4. A Column is given against the specifications of each item; the vendor must fill these with YES/NO or put value as desired in the column. These specifications must be highlighted in the brochure.
6. The **Financial Proposal** should contain only the prices of the equipments/item which are quoted.
7. The disclosure of firm's quoted rate in any manner at the time of opening of technical bid will result in the rejection of the bid.
8. No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury in case of non-submission of security money within seven (7) days of receipt of the Advance Acceptance. (Letter of Acceptance)
9. No escalations in rates are allowed in any case after submission of the tender.

10. Only manufacturer / valid sole agent or Authorized Agent in Pakistan for a foreign manufacturer can participate in the tender for the item
11. The purchaser will initially open only the envelopes marked “**Technical Proposal**” in the presence of Bidders or their representatives who chose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet. The envelope marked “**Financial Proposal** “ shall be retained in the custody of Purchaser without being opened till the completion of the Technical Evaluation.
12. The first scrutiny of technical bids will be performed by the Technical Committee on the basis of the data sheet and literature provided. Financial bids of technical qualified firms will be opened.
13. The equipment offered must be of latest version/generation and in case an old model is offered, it will not be considered, even though it is as per the tender specifications.
14. All documents / papers submitted with the technical and commercial bid should be paginated and certificate should be recorded duly signed and stamped at the end of the bid, else, the bid will be ignored.
15. Quality Assurance Tools / Test equipment availability with local agent for PPM (Periodic Preventive Maintenance) and periodic calibration along with list of test tools with calibration validity should be provided by firms before entering the agreement.
16. Certificate from the Manufacturer / Sole Agent that the vendor has fully equipped workshop, along with the list of Trained Personnel / Engineers and Equipment should be provided with technical bid and it can be physically verified by the Technical Committee of CHK, Karachi at any time before finalizing the tender.
17. The successful bidder will be required to submit security money in shape of CASHIER'S CHEQUE @ 5% of the total value of order in favor of Medical Superintendent, Civil Hospital, Karachi within Seven (7) days after receiving of the letter of acceptance.
18. The vendor will give Two (2) years warranty with parts and consumables, if any, and further one years free service without parts.
19. The warranty period will commence from the date of commissioning of the unit as per report of the end user or technical person of Civil Hospital, Karachi.
20. Firm must provide complete details of their financial standing, listing of similar equipment supplied in Pakistan, bio-data of engineers with training certificates/ test equipment, details of local stock of spare parts for similar equipment and details of office with number of personals; else, the bid will be ignored.
21. The vendor will provide technical / operational training to electro-medical engineer / end user from factory trained engineers. The supplier should provide detail of training program.
22. All equipment to be supplied should be accompanied with Two (2) original copies of the operation, service / maintenance and schematic diagram and spare parts list, manual in English language.
23. The vendor has to quote only one rate for each item as per tender specifications. (Alternate model will be considered. If a separate purchase receipt is attached), First offer will be preferred. All tender must be typed / printed. Hand written tenders or those having any cutting or erasing will be ignored.
24. The bidder shall submit with the bid, an **UNDERTAKING** on Non-judicial stamp paper of Rs.50/= duly attested by Oath Commissioner, stating that the equipment will be supplied is the brand new and of latest version / model, free from defects in design material and workmanship and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business, the supplier shall be bound to make an alternate arrangement of spares and maintenance of equipment. In case of default, depreciated cost of equipment will be recoverable from him.

25. 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.
26. Vendor will be responsible for routine pre-requisite installation and pre-installation, free of cost.
27. Equipment / Instrument will be handed over to the Addl. Medical Superintendent, (Stores) Civil Hospital, Karachi, along with copy of Delivery Challan / Note to the Medical Superintendent, Civil Hospital, Karachi.
28. If vendor doesn't supply equipment in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default of terms and condition of the tender, it will be disqualified and the earnest / security money will be forfeited.
29. If the vendor fails to supply and install the equipment of the purchase order within the stipulated period, the liquidated charges will be imposed ..
30. The decision once taken will be final and will not be challenged in any court of law.
31. Up-gradation of Software(s) as well as FMIS for the life of system should be provided from the manufacturer if required.
32. The payment will be made within 30 days after getting the Joint Inspection Report duly signed by the nominated members (End User / Technical Expert, Store officer / Official of Civil Hospital, Karachi).
33. A copy of Income Tax and GST Registration Certificate should be submitted along with Technical Bid.
34. Conditional tender(s) against the Govt: rules/policy will not be entertained / accepted.
35. The equipment should be preferred Compatible, with available equipments of this hospital and should be FDA /CE marked.
36. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately and the same will be considered if found the said features are good/best.
37. The system will have the minimum uptime 95% in case of down time beyond this period the following penalty will be applied:
 - g) 95% to 100% No penalty.
 - h) 90% to 95% the warranty period will be extended by the number of days System in down.
 - i) 85% to 90% warranty period will be extended 1.5 time the down time period.
 - j) 80%85 warranty period will be extended two time for the down time period and supplier is supposed to give justification of delay.
 - k) Uptime less then 80% hospital will complain to the Principal to take action against the supplier and warranty will be the three time for the down time period.
 - l) However, PPM will not consider in the down time and PPM of the system will be done as per manufacturer recommendation.
38. The attached questioner Performa must be properly filled and should be completed in all respect. In case questioner Performa is incomplete or information/formations provided are incorrect, the tender shall be rejected and the firm can be disqualified.
39. The Medical Superintendent, Civil Hospital, Karachi reserves the right to reject or accept any / all tender(s) subject to relevant provision of SPPRA Rules 2010.
40. The Bid which does not fulfill the prescribed conditions in the tender is liable to be ignored/ rejected.

41. The Medical Superintendent, Civil Hospital Karachi, reserves the right to increase or decrease the quantity as per rules.
42. In case of Purchase on C.I.F basis, the bidder will invest the money to open Letter of Credit within couple of week after receiving the supply order and will bear all the charges in this regard. The required certificate will be issued by this office that the import has been made for this hospital, so as to avail the facility of exemption of duties / taxes, as per Government Rules/Policy and the terms & conditions regarding payment will be decided mutually by the procuring agencies and the bidder.
43. In case of supply order placed on F.O.R basis the bidder should be supplied the quoted item on or before 20th June, 2010.
44. All the (applicable) Government taxes (Income Tax/ 0.20% Stamp Duty of the value of the contract amount will be deducted from the bills of the Contractors /Suppliers.
45. The offer will remain valid for 90 days.

46. Criteria for Evaluation of Bid

- a. Specifications compliance
- b. After sale service facility
- c. Bio Medical Engineering Workshop with Engineer's and Technical staff
- d. Operational Cost
- e. Delivery Schedule
- f. Validity of Offer
- g. Past performance of Manufacturer / Sole Agent
- h. Submission of catalogue, Diagrams & Service Manual
- i. Authority letter from Manufacturer
- j. Company Agreement from the Principal
- k. Guaranty of Availability of parts for 10 Year
- l. Earnest Money

I / we agreed above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNIC NO _____ (Attested Copy must be attached)

Full Address _____

Rubber Stamp : _____

Annexure "B"
QUESTIONNAIRE / PERFORMA
 (To be filled in by the vendor all the quoted item.)

Equipment _____

Model _____

Manufacturer _____

Supplier _____

1- Year of Introduction of the offered model: _____
 Version (if same model revised): _____

2- Number of equipment installed (Please provide names of institution for Pakistan/ Karachi)

- World wide. _____
- In Pakistan. _____
- In Karachi _____

3- Manuals to be provided:	Yes	No
- Service.	_____	_____
- Parts List	_____	_____
- Electrical Drawing/ Schematics	_____	_____
- Operational/ Application	_____	_____

4- Spare parts Availability Guarantee (No of years): _____

5- Source of spares availability Lead time

- Local _____ Overseas _____

6- Equipment life period (number of years) _____

7- Do you hold specialized tools/test equipment required for:

- Maintenance	Yes	No	N/A
- Calibration	_____	_____	_____

Please provide list of tools/test equipment including their calibration status on a separate sheet.

8- Annual Maintenance contract Price:

- Parts and Labor: _____
- Labor without parts: _____

9- On call service charges:

- Minimum: _____
- Per day: _____

10- In case of in house maintenance by CHK engineers are you willing to provide following during post warranty period.

- Back up engineer support whenever requested: Yes No

- Prompt supply of spares/ consumables: _____
- 11- Are you authorized representative of manufacturer: _____
- 12- No of Factory trained engineer available locally
Locally on offered equipment (provide training
Certificate & years of experience): _____
- 13- Total number of years in business: _____
- 14- Warranty period (please provide following details):
 - Uptime Guarantee: _____%
 - Response time to maintenance requested: _____Hrs
 - No of PPM/Year: _____
 - Any other: _____
- 15- Do you have any objection/ concerns to use similar
specification spares of alternate/ other manufacturer
during warranty of maintenance contract (if available)

	Yes	No
	_____	_____
- 16- Comprehensive CHK Engineer Training

Comprehensive CHK Engineer Training	Yes	No
If yes state what included:	_____	_____
- Training Fees	_____	_____
- Airfare	_____	_____
- Boarding/Lodging	_____	_____
- Free of charge	_____	_____
- None of the above	_____	_____
- 17- Up-gradation possibility:

- Hardware	YES / NO	- Software	YES / NO
- If above has any cost please provide the details of up-gradation with estimated price:			

Please state safety standard conformance (e.g. IEC 601,FDA, AAMI etc):

18- Pre-Installation services requirements:

Power: _____ KW Voltage: _____ Single/Three phase
 Gas: _____ Cu.ft/ hr Water: _____ Gallons/ Liter Hour
 _____ PSI (pascal)

(If pre-treated water required, please provide details)

Air _____ PSI Vacuum _____ mmgh

Other: _____

(e.g. Drain, Exhaust, Physical facility change etc)

Installation time: _____

Installation/ commissioning by whom: _____

19- Environmental Parameters Limits:

- Temperature _____ to _____ centigrade/ Fahrenheit
- Humidity _____ to _____ % RH.

IEC 601- International Electro Technical commission (Code 601)

AAMI - American Association for medical instrumentation.

20- Any other specific requirement (e.g. UPS, Voltage Stabilizer etc, provide details):

21- Briefly state facilities and benefits provided during warranty period:

22- Please give the rates of consumable, Disposable items and parts required for proper functioning of Machine /equipment life period of each item (in days /months).

Note: (The said Performa should be filled by the vendor to provide information of the entire quoted item.)

Supplier's Name: _____

Authorized Signature: _____ Designation _____

Annexure- “ C ”

**Schedule for Invitation Tender for Machinery & Equipment Under ADP Scheme No.1376
namely “UPGRADATION OF MEDICAL UNIT - I, II, III, DENTAL DEPARTMENT & SURGICAL
UNIT - II ” AT CIVIL HOSPITAL KARACHI” During the financial year 2009-2010.**

Item #	Description	Qty	Rates on C.I.F Basis In word and Figure		
1	Syringe Pump Micro-volumetric and volumetric	09 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Syringe size (ml): 5,10,20,30,50/60 (Automatic size recognition)				
	Syringe nearly empty alarm: 3 mins (adjustable)				
	Bolus volume after occlusion: Automatic bolus reduction				
	Flow rate range(Optional): 1-600 ml/h(1-999 ml/h)				
	(Micro - Pump): (0.1-99.9 ml/h)				
	Resolution (Micro-pump): 1ml/h (0.1ml/h)				
	Deviation in flow -rate with administration set: type +/- 5 %				
	Max. Over infusion (Mech / electr. Defect): max.0.5 ml				
	"KVO" vein open rate (Micro -pump): 3 ml/h (0.3 ml/h) or set rate if less				
	Infusion pressure min: 60 kpa/450 mmHg/ 0.6 bar				
	Infusion pressure max : 150-250 kpa / 1125-1875 mmHg/1.2-2.5 bar				
	Pressure alarm-limit (Option): adjustable 0-99 mbar/mmHg				
	Sensitivity: type 100 UI adjustable from 50 to 250 ul				
	Battery operation charged (1.2 Ah) : > 3h				
	Unit charging time OFF/ON: 15h /20h				
	Supply connection: 230/240 VAC +10%-15%,50-60Hz				
	Nurse call Potential-free contact switch: 24 V/0.2 A				
	Max storage time: max. 3 months without charging				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Item #	Description		Qty	Rates on C.I.F Basis In word and Figure		
2	DIGITAL INFUSION PUMP		09 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Classification: IIb					
	Software revision: 4.xx					
	Flow rate range (ml/h): 0.1-500 (750 max)					
	Flow rate increments (ml/h): 0.1					
	Volume range (ml): 0.1					
	Volume increments (ml): 0.1					
	Tubing – Universal					
	Over infusion in case of electrical or mechanical defect: 1.5 ml max					
	Keep vein open rate: (KVO) 0.3 ,l/h, adjustable					
	Alarm pressure limit: 0-99 mbar/mmHg					
	Battery operation time (1.85Ah): 3-12 hours					
	Charging time : 15 hours/20 hours					
	Supply voltage: 230 VAC+10%-15%,50/60 Hz					
	Input power: 8.5 VA					
	Type of protection against electric shock: Class II					
	Protection against ingress of liquids : IPX 1,drip proof					
	Max storage period: 3 months without charge					
	Permitted temperature range operation /storage: 15 c-35 c-40c Centrigrate					
	Permitted relative humidity: 20-90% max)no vapor deposit)					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Item #	Description	Qty	Rates on C.I.F Basis In word and Figure		
3	Bi-pap / C-PAP Machine (NON-INVASIVE VENTILATOR & BIPAP SYSTEM)	02 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Four treatment screens: Ventilation, Synchronization, Setting summary				
	Treatment screen display : A pressure bar,A live Ti bar, patient / machine synchronization bars.				
	Algorithms a large and intuitive graphic interface that makes navigation and setting of parameters and modes easy to manage				
	Ti Control feature to treat different respiratory conditions and optimize patient-machine synchronization.				
	Ti Control provides minimum and maximum inspiratory time limits for both flow and time-triggered breaths,				
	Initiation of ventilation is easier Default setting are now applied at the touch of button, so when necessary, treatment can be initiated effectively, safely and quickly.				
	Modes: CPAP ,Spontaneous mode, Spontaneous / Time ,Timed				
	IPAP: 2-30 cm H ₂ O				
	EPAP: 2-25 cm H ₂ O				
	Respiratory Rate: 5-30 BPM				
	Rise time: Min. 150-900 m sec				
	Ti Control (S,ST mode) IPAP Max (Ti Max) 0.1-4.0 sec				
	IPAP Max (Ti Min) 0.1- IPAP Max sec				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / AUSTRALIA				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Item #	Description		Qty	Rates on C.I.F Basis In word and Figure		
4	Bronchovideoscope with Processor and HD Monitor and Light source		01 Set.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
			Yes	No		
	Field of view: 120°					
	Working length: 600mm					
	Outer diameter: 6.0mm					
	Depth of field: 3 to 100mm					
	Angulation Range: Up 180°, Down 130°					
	Inner Diameter: 3.0mm					
	Should be compatible with laser and high frequency					
	XENON LIGHT SOURCE 300 W WITH					
	Emergency halogen lamp and irrigation pump with NBI System					
	HDTV Compatible					
	Specifications:					
	Lamp : Xenon short arc lamp 300 W					
	Bright Control : Automatic					
	Lamp Life : 500 Hours Approx.					
	VIDEO SYSTEM CENTER					
	(HDTV/NBI Compatible)					
	Including, Main unit, Video connecting cable,					
	BNC cable, RGB cable, water container PC card adaptor,					
	xD picture card, smart media card, DV cable					
	Specifications					
	HDTV signal output : RGB or ypbPr output					
	SDTV signal output : VBS composite, Y/C and RGB VBS composite, Y/C and RGB					
	Gain Control : Automatic					
	Ires Control : Automatic					
	Electronic zoom : 1.2X or 1.5X controlled by key board or from scope remote switch.					
	Freeze : An endoscopic image frozen facility					

	Patient Data : Patient ID No., Patient name, Sex & Age, Date of birth Physian name, Comments.				
	Media : xD picture card, PC card adaptor, PCMCIA				
	Built in Memory : Patient Data stored facility should be upto min. 40 patients				
	Battery : Lithium, life 5 years				
	Scope Identification : No of procedures				
	Medical Grade 19" LCD Colour Monitor				
	Specifications				
	Screen Size 19.0 inches				
	Display dots : 1280 x 1024 dots (SXGA)				
	Field angle : Vertical: 85" , Horizontal:85"				
	Frequency : 100-120V/220-240V AC				
	Remote1 connector (parallel remote) D-Sub 9-pin (x1)				
	RS232c Connector (Serial remote) D-Sub 9-pin (x1)				
	COMPUTER Connector				
	(Analog RGB input/signal format : HD D-Sub 15-pin (x1)				
	VGA:640 X 480				
	60Hz , 640 x 400 , 70Hz				
	SVGA: 800 x 600 , 60Hz				
	XGA: 1024 x 768				
	60/70/75/85/85Hz				
	VIDEO output signal format : BNC connector (x1)				
	With loop-through output and				
	auto 75ohm termination				
	Setting Memory : Held even after the power switch is set to off				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Item #	Description		Qty	Rates on C.I.F Basis In word and Figure		
5	Spirometer (Pulmonary Function Test Machine)		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Capable for lung function test					
	High resolution Screen display					
	Real-time flow/volume loops					
	Detail measurement matrices					
	Data printing capability					
	Compatible with PC					
	Integrated program facility for pre/post-comparison, bronchospasmolysis and monitoring					
	Measurements : FVC, SVC, MV & MVV					
	ATS/ERS standard					
	Memory: 100 tests					
	Calibration pump : (2 liters) x 1 No.					
	Filters : 100 Nos.					
	Mouthpieces : 100/set card board					
	Mouthpieces : 10/set plastic					
	Accessories:					
	Interfaces, Connection cables, Modam, mains cable, elbow x 1 Set					
	Complete with nose clips and adaptors X 1 No.					
	Adaptor for calibration X 1 No.					
	Set with mouthpieces					
	Pneumotacho sensor, set with disp. Filters					
	Thermal Paper : Thermo-reactive z-folded, 89 mm wide / 26 m long X 1 No.					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Item #	Description	Qty	Rates on C.I.F Basis In word and Figure		
6	Supply & installation of Oxygen Outlet Points, complete in all respect and are in accordance with the Health Care Technical Memorandum HTM 2022 Outlet Points 24 Nos.	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Comprising of :-				
	Supply and installation of imported copper pipeline 18 Swg. Size 3/4" & 1/2" Deoxidized, de-greased Half-hard, solid drawn with required fitting i.e. tees, elbows and sockets etc. with welding rods and welding gas.for Medical Oxygen/Compressed Air.				
	Size 3/4" Approx. 400 Rft				
	1/2" Approx. 800 Rft				
	Supply and installation of Outlet points,(USA, UK,JAPAN) BS Standard Complete in all respect and in accordance with the Health care technical Memorandum HTM 2022				
	Oxygen Outlet Points 16 Nos. surface type –wall-mounted				
	Compressed Air / Suction 08 Nos.				
	Supply and installation of Alarm system with mute / test facility, gives sound and flash light when – even the pressure in line decreases the set pressure for individual gas i.e.				
	Oxygen Alarm Panel 01 No.				
	Compressed Air Alarm panel 01 No				
	Supply and installation Isolation of Valves (USA,UK,JAPAN) Qty. 20 Nos.				
	Supply and installation of manifold system for Medical Oxygen complete in all respect including pressure regulators (USA, EEC, JAPAN) gauges, isolating Valves, copper piping supports, Hangers, tail pipe connections without Cylinders and ready to operate.(The system has to be connected to Liquid oxygen)				
	- Oxygen Duplex bank of 4 each				
	Air Compressor System for Suction.				
	Supply and installation of Air Compressor System Comprising Of :-				

	02 Nos. Medical Grade Air Compressors-05 HP				
	02 Nos. Refrigerated Air Dryers				
	02 Nos. Pre-Filter				
	02 Nos. After Filter				
	Supply and installation of electrical control panel Complete with installation for compressor. Dryer, Filter and By pass System in compressor Room.				
	Supply and installation of Oxygen 16 Sets. Flow-meter with humidifiers probe and mask (USA,UK,JAPAN)				
	Supply of Suction Injector Unit 08 Sets.				
	Complete with collection jar of 02 liters and probe (USA,UK,JAPAN)				
	Testing / Commissioning / Painting of Complete System as per HTM-22 Standards				
	Bed Head Panels. (Powder coated) 08 Nos. with electrical sockets. Made of imported steel with lighting.				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Item #	Description	Qty	Rates on C.I.F Basis In word and Figure		
7	Oxygen System Outlet Points 08 Nos.	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Comprising of :-				
	Supply and installation of imported copper pipeline 18 Swg. Half-hard , solid drawn, Deoxidized, de- greased complete with required imported copper fitting.				
	Size ¾" Approx. 100 Rft				
	½" Approx. 300 Rft				
	Oxygen Outlet Points 08 Nos. surface type –wall-mounted (USA/UK/JAPAN)				
	Supply and installation Isolation Valves (USA,UK,JAPAN) Qty. 04 Nos.				
	Medical Oxygen flow meter (15LPM) Complete with humidifier / probe / mask (USA,UK,JAPAN) Qty 08 sets				
	Testing / Commissioning / Painting of Complete System as per HTM-22 Standards				
	Complete installation in all respects				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / UK / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Item #	Description		Qty	Rates on C.I.F Basis In word and Figure		
8	Generator (300 KVA) with CANOPY, Diesel, Auto start and auto load shifting Mechanism & Earthing.		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Stand by rating : 330kVa/264 kW at 0.8 power factor					
	Prime rating : 330kVa/240 kW at 0.8 power factor					
	Rate : 400//230 Volts, 3 Phases, 4 wires, 50Hz at 1500 rpm					
	CFG mode : Standard power Generation System					
	PCC Control Panel					
	Exhaust Silencer					
	Filters for air, fuel and lube oil					
	Tropical radiator for 50° C ambient					
	Cable entrance box					
	3 pole MCCB					
	Set Mounted batteries and leads					
	Day Full Tank (sufficient for 8 Hours capacity)					
	Set of operation & maintenance manuals					
	Sound proof canopy (Local made)					
	ATS/AMF panel (Local made)					
	Complete installation in all respects including cabling, earthing, civil foundation and NOC					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : USA / EEC / JAPAN					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

TERMS AND CONDITIONS

TENDER FOR THE PURCHASE OF MACHINRY AND EQUIPMENT Under ADP Scheme No. 1374 namely “ Renovation & Modernization of Accident and Emergency Department and ENT Ward ”at Civil Hospital, Karachi, during the financial year 2009-2010.

Tender Enquiry No. MS(CHK)2009-2010/- 2121

Due date 26-04-2010

Cost of the tender:	Rs.500/= (Non refundable)
Tender selling date from	From the date of publishing to 24-04-2010
Date for Tender submission	26-04-2010 from 09.00 a.m. to 10.30 a.m.
In the tender box	in the office of A.M.S (Procurement) C.H.K
Tender opening Date & Time	26-04-2010 at 11.30 a.m. in Board Room Civil Hospital, Karachi, before the participants.

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

Bidders are required to comply all the clauses mentioned in the Terms and Conditions of the Tender and any deviation will forbid them from competing in the tender

1. In this tender TWO Envelopes procedure as per SPPR 2010 Rules will be followed i.e. **TECHNICAL** and **FINANCIAL BIDS** will be submitted in separate sealed envelopes.
 - a) In the **Technical Bid**, the bidder must provide original data sheet and technical brochure and all other documents, and copy of Cashier's Cheque with out Showing the amount figure otherwise, the bid will be ignored. The technical evaluation will be done on the basis of criteria given in tender document.
 - b) A Column is given against the specification of each item, the vendor has to fill up with YES / NO or put a value as desired in the column. These specifications must be highlighted in the brochure./Technical sheet.
 - c) In **Financial Bid**, the vendor should mention financial offer along with CASHIER'S CHEQUE 5% value of the quoted items in favor of Medical Superintendent Civil Hospital Karachi.
2. The original tender purchase receipt issued by Accounts Section Civil Hospital, Karachi should be submitted along with **Technical Bid**.
3. The disclosure of firm's price at the time of opening of technical bid will result in the rejection of the bid.
4. A Column is given against the specifications of each item; the vendor must fill these with YES/NO or put value as desired in the column. These specifications must be highlighted in the brochure.
5. The **Financial Proposal** should contain only the prices of the equipments/item which are quoted.
6. The disclosure of firm's quoted rate in any manner at the time of opening of technical bid will result in the rejection of the bid.
7. No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury in case of non-submission of security money within seven (7) days of receipt of the Advance Acceptance. (Letter of Acceptance)
8. No escalations in rates are allowed in any case after submission of the tender.

9. Only manufacturer / valid sole agent or Authorized Agent in Pakistan for a foreign manufacturer can participate in the tender for the item
10. The purchaser will initially open only the envelopes marked “**Technical Proposal**” in the presence of Bidders or their representatives who chose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet. The envelope marked “**Financial Proposal** “ shall be retained in the custody of Purchaser without being opened till the completion of the Technical Evaluation.
11. The first scrutiny of technical bids will be performed by the Technical Committee on the basis of the data sheet and literature provided. Financial bids of technical qualified firms will be opened.
12. The equipment offered must be of latest version/generation and in case an old model is offered, it will not be considered, even though it is as per the tender specifications.
13. All documents / papers submitted with the technical and commercial bid should be paginated and certificate should be recorded duly signed and stamped at the end of the bid, else, the bid will be ignored.
14. Quality Assurance Tools / Test equipment availability with local agent for PPM (Periodic Preventive Maintenance) and periodic calibration along with list of test tools with calibration validity should be provided by firms before entering the agreement.
15. Certificate from the Manufacturer / Sole Agent that the vendor has fully equipped workshop, along with the list of Trained Personnel / Engineers and Equipment should be provided with technical bid and it can be physically verified by the Technical Committee of CHK, Karachi at any time before finalizing the tender.
16. The successful bidder will be required to submit security money in shape of CASHIER'S CHEQUE @ 5% of the total value of order in favor of Medical Superintendent, Civil Hospital, Karachi within Seven (7) days after receiving of the letter of acceptance.
17. The vendor will give Two (2) years warranty with parts and consumables, if any, and further one years free service without parts.
18. The warranty period will commence from the date of commissioning of the unit as per report of the end user or technical person of Civil Hospital, Karachi.
19. Firm must provide complete details of their financial standing, listing of similar equipment supplied in Pakistan, bio-data of engineers with training certificates/ test equipment, details of local stock of spare parts for similar equipment and details of office with number of personals; else, the bid will be ignored.
20. The vendor will provide technical / operational training to electro-medical engineer / end user from factory trained engineers. The supplier should provide detail of training program.
21. All equipment to be supplied should be accompanied with Two (2) original copies of the operation, service / maintenance and schematic diagram and spare parts list, manual in English language.
22. The vendor has to quote only one rate for each item as per tender specifications. (Alternate model will be considered. If a separate purchase receipt is attached), First offer will be preferred. All tender must be typed / printed. Hand written tenders or those having any cutting or erasing will be ignored.
23. The bidder shall submit with the bid, an **UNDERTAKING** on Non-judicial stamp paper of Rs.50/= duly attested by Oath Commissioner, stating that the equipment will be supplied is the brand new and of latest version / model, free from defects in design material and workmanship and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his business, the supplier shall be bound to make an alternate arrangement of spares and maintenance of equipment. In case of default, depreciated cost of equipment will be recoverable from him.

24. 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.
25. Vendor will be responsible for routine pre-requisite installation and pre-installation, free of cost.
26. Equipment / Instrument will be handed over to the Addl. Medical Superintendent, (Stores) Civil Hospital, Karachi, along with copy of Delivery Challan / Note to the Medical Superintendent, Civil Hospital, Karachi.
27. If vendor doesn't supply equipment in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default of terms and condition of the tender, it will be disqualified and the earnest / security money will be forfeited.
28. If the vendor fails to supply and install the equipment of the purchase order within the stipulated period, the liquidated charges will be imposed ..
29. The decision once taken will be final and will not be challenged in any court of law.
30. Up-gradation of Software(s) as well as FMIS for the life of system should be provided from the manufacturer if required.
31. The payment will be made within 30 days after getting the Joint Inspection Report duly signed by the nominated members (End User / Technical Expert, Store officer / Official of Civil Hospital, Karachi).
32. A copy of Income Tax and GST Registration Certificate should be submitted along with Technical Bid.
33. Conditional tender(s) against the Govt: rules/policy will not be entertained / accepted.
34. The equipment should be preferred Compatible, with available equipments of this hospital and should be FDA /CE marked.
35. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately and the same will be considered if found the said features are good/best.
36. The system will have the minimum uptime 95% in case of down time beyond this period the following penalty will be applied:
 - a. 95% to 100% No penalty.
 - b. 90% to 95% the warranty period will be extended by the number of days System in down.
 - c. 85% to 90% warranty period will be extended 1.5 time the down time period.
 - d. 80%85 warranty period will be extended two time for the down time period and supplier is supposed to give justification of delay.
 - e. Uptime less then 80% hospital will complain to the Principal to take action against the supplier and warranty will be the three time for the down time period.
 - f. However, PPM will not consider in the down time and PPM of the system will be done as per manufacturer recommendation.
37. The attached questioner Performa must be properly filled and should be completed in all respect. In case questioner Performa is incomplete or information/formations provided are incorrect, the tender shall be rejected and the firm can be disqualified.
38. The Medical Superintendent, Civil Hospital, Karachi reserves the right to reject or accept any / all tender(s) subject to relevant provision of SPPRA Rules 2010.
39. The Bid which does not fulfill the prescribed conditions in the tender is liable to be ignored/ rejected.

40. The Medical Superintendent, Civil Hospital Karachi, reserves the right to increase or decrease the quantity as per rules.
41. In case of Purchase on C.I.F basis, the bidder will invest the money to open Letter of Credit within couple of week after receiving the supply order and will bear all the charges in this regard. The required certificate will be issued by this office that the import has been made for this hospital, so as to avail the facility of exemption of duties / taxes, as per Government Rules/Policy and the terms & conditions regarding payment will be decided mutually by the procuring agencies and the bidder.
42. In case of supply order placed on F.O.R basis the bidder should be supplied the quoted item on or before 20th June, 2010.
43. All the (applicable) Government taxes (Income Tax/ 0.20% Stamp Duty of the value of the contract amount will be deducted from the bills of the Contractors /Suppliers.
44. The offer will remain valid for 90 days.

45. Criteria for Evaluation of Bid

- a. Specifications compliance
- b. After sale service facility
- c. Bio Medical Engineering Workshop with Engineer's and Technical staff
- d. Operational Cost
- e. Delivery Schedule
- f. Validity of Offer
- g. Past performance of Manufacturer / Sole Agent
- h. Submission of catalogue, Diagrams & Service Manual
- i. Authority letter from Manufacturer
- j. Company Agreement from the Principal
- k. Guaranty of Availability of parts for 10 Year
- l. Earnest Money

I / we agreed above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNIC NO _____ (Attested Copy must be attached)

Full Address _____

Rubber Stamp : _____

Annexure "B"
QUESTIONNAIRE / PERFORMA
 (To be filled in by the vendor all the quoted item.)

Equipment _____

Model _____

Manufacturer _____

Supplier _____

1- Year of Introduction of the offered model: _____
 Version (if same model revised): _____

2- Number of equipment installed (Please provide names of institution for Pakistan/ Karachi)

- World wide. _____
- In Pakistan. _____
- In Karachi _____

3- Manuals to be provided:	Yes	No
- Service.	_____	_____
- Parts List	_____	_____
- Electrical Drawing/ Schematics	_____	_____
- Operational/ Application	_____	_____

4- Spare parts Availability Guarantee (No of years): _____

5- Source of spares availability Lead time

- Local _____ Overseas _____

6- Equipment life period (number of years) _____

7- Do you hold specialized tools/test equipment required for:

- Maintenance Yes No N/A
- Calibration _____ _____ _____

Please provide list of tools/test equipment including their calibration status on a separate sheet.

8- Annual Maintenance contract Price:

- Parts and Labor: _____
- Labor without parts: _____

9- On call service charges:

- Minimum: _____
- Per day: _____

10- In case of in house maintenance by CHK engineers are you willing to provide following during post warranty period.

- Back up engineer support whenever requested: Yes No

- Prompt supply of spares/ consumables: _____
- 11- Are you authorized representative of manufacturer: _____
- 12- No of Factory trained engineer available locally
Locally on offered equipment (provide training
Certificate & years of experience): _____
- 13- Total number of years in business: _____
- 14- Warranty period (please provide following details):
 - Uptime Guarantee: _____%
 - Response time to maintenance requested: _____Hrs
 - No of PPM/Year: _____
 - Any other: _____
- 15- Do you have any objection/ concerns to use similar
specification spares of alternate/ other manufacturer
during warranty of maintenance contract (if available) Yes No

- 16- Comprehensive CHK Engineer Training Yes No
If yes state what included:
 - Training Fees _____
 - Airfare _____
 - Boarding/Lodging _____
 - Free of charge _____
 - None of the above _____
- 17- Up-gradation possibility:
 - Hardware YES / NO Software YES / NO
 - If above has any cost please provide the details of up-gradation with estimated price:

Please state safety standard conformance (e.g. IEC 601,FDA, AAMI etc):

18- Pre-Installation services requirements:

Power: _____ KW Voltage: _____ Single/Three phase
Gas: _____ Cu.ft/ hr Water: _____ Gallons/ Liter Hour
_____ PSI (pascal)

(If pre-treated water required, please provide details)

Air _____ PSI Vacuum _____ mmgh

Other: _____

(e.g. Drain, Exhaust, Physical facility change etc)

Installation time: _____

Installation/ commissioning by whom: _____

19- Environmental Parameters Limits:

- Temperature _____ to _____ centigrade/ Fahrenheit
- Humidity _____ to _____ % RH.

IEC 601- International Electro Technical commission (Code 601)

AAMI - American Association for medical instrumentation.

20- Any other specific requirement (e.g. UPS, Voltage Stabilizer etc, provide details):

21- Briefly state facilities and benefits provided during warranty period:

22- Please give the rates of consumable, Disposable items and parts required for proper functioning of Machine /equipment life period of each item (in days /months).

Note: (The said Performa should be filled by the vendor to provide information of the entire quoted item.)

Supplier's Name: _____

Authorized Signature: _____ Designation _____

Annexure- “ C ”

Schedule for Invitation tender for Machinery & Equipment Under ADP Scheme No. 1374 namely “ Renovation & Modernization of Accident and Emergency Department and ENT Ward ”at Civil Hospital, Karachi, during the financial year 2009-2010.

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
1	Edostrob with accessories	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	µ-Pulsar, for larynx examination with battery charger				
	High Light Intensity				
	Integrated light source				
	Rechargable Lithium - ion batteries free from memory effect.				
	Noiseless				
	Capability of Documentation				
	power pack and adaptor				
	power supply: 100-240 VAC, 50/60 Hz				
	Lateral Telescope 90° for Laryngoscopy, autoklavable, diameter 5.8 mm, length 20 cm,				
	Handle, without sheath, for use with Tele-Laryngoscope				
	1-Chip Camera Control Unit (CCU), with integrated Image Processing Modul,				
	<u>Features :</u>				
	Automatic exposure control for superior image quality and maximum control				
	- Digital video output (DV) for digital recording				
	- Anti-moire filter				
	- Up to 60 times higher light sensitivity due to integrated digital processing technology (IPM)				
	- Electronic zoom 1-2x can be adjusted to 4 levels.				
	- Horizontal resolution of more than 450 lines.				
	Consisting of:				
	Camera Control Unit				
	Mains Cord				
	BNC-Connecting Cable, length 180 cm				
	RGB cable				

	S-Video (Y/C) Connecting Cable, length 180 cm				
	2 Connecting Cables, for remote control of Video-Printers				
	DV Cable, length 500 cm,				
	Keyboard for documentation				
	1-Chip Camera Head with 2 freely programable Camera Head buttons, Color System PAL, with integrated				
	Parfocal-Zoom focal length $f = 25 - 50\text{mm}$ (2x)				
	<u>Special Features</u>				
	- Parfocal-Zoom focal length $f = 25 - 50\text{mm}$ (2x)				
	- Microprocessor controlled				
	- Horizontal resolution of more than 450 lines				
	- 752 (H) x 582 (V) pixels per chip				
	- Exposure Control 1/50 sec.- 1/10000 sec.				
	20" Flat Screen Color Monitor Desktop Version Color System = PAL				
	<u>Advance Image & Data Archiving System</u>				
	DVD compact documentation unit with integrated DVD/CD-Burner and Touch Screen.				
	Color System:				
	<u>Special Features</u>				
	Digital storage of still images				
	Digital storage of video sequences and audio files				
	Handling via touch screen, camera head buttons or foot switch				
	Archiving on				
	Storage Media				
	Image Formats				
	Video Formats				
	Audio Formats				
	<u>Consisting of:</u>				
	DVD Archiving system				
	Mains Cord				
	Mains Cord, US-Version				
	BNC-Connecting Cable, length 180 cm				
	S-Video (Y/C) Connecting Cable, length 180 cm				
	2 adaptors BNC-Cinch				
	RS232-Connecting Cable, length 20cm				
	DVI-Connecting Cable, length 20cm				

	USB-Extension Cable, length 7,5cm				
	Archiving on				
	Storage Media				
	Image Formats				
	Video Formats				
	Audio Formats				
	Local video trolley with antistatic castors, key board drawer.				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
2	Microdebrider of Functional Endoscopic Sinus Surgery with standard accessories.	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Compact, lightweight, Portable System.				
	Must fulfill maximum possible applications like removal of Soft & Hard tissues or Bone.				
	Must be able to cover Surgical Procedures like Septoplasty,				
	Removal of Septal Spurs				
	Polypectomy				
	Antrostomy				
	Ethmoidectomy / Sphenoidectomy				
	Frontal Sinus Trephination and irrigation,				
	Frontal Sinus drill out				
	Endoscopic DCR				
	Trans-Sphenoidal Procedures				
	Maxillary Sinus Polypectomy				
	Circumferential Maxillary Antrostomy				
	Choanal Atresia				
	Sphenoidectomy, and Medial / Lateral / Posterior Frontal Sinusostomy				
	Tracheal Procedures				
	Laryngeal Polypectomy				
	Laryngeal Lesion Debulking				
	Surgical Management of Recurrent Respiratory Papillomatosis (RPP)				
	Tonsillectomy, Tonsillotomy for obstructive Tonsillar Disease				
	Removal of endobronchial Lesions, Rhinoplasty				
	MAIN CONSOLE with FOOT SWITCH & Accessories:				
	User-friendly, Microprocessor Controlled, Menu Driven with Bright, Touch screen, 8 inch, Display and built in Pumps for Cooling and Irrigation separately.				
	Display Color Screen, should be bright and must display Speed, Rotation, Procedure etc.				

	Multi Function Footswitch (Integral Part) must provide mode selection, speed control as well as selection of reverse, forward, Variable Speed & Start / Stop.				
	Manual Start – Stop Button				
	Main Power Switch.				
	Option of Future up-gradation for other applications like Mastoid Drill, Middle Ear Drill.				
	Must support Automated Cleaning of Endoscope Lens during FESS, through dedicated separate footswitch, without disturbing surrounding anatomy and pulling out the scope from surgical field.				
	Nerve monitoring capability option during drilling with the use of stim bur guard and NIM.				
	Optional remote irrigation control				
	SHAVER HAND-PIECE:				
	Straight in shape				
	Straight suction				
	Low profile, ergonomic, Single hand piece with 360° rotation at tip of the blade (to avoid strain on surgeon's head), for all FESS applications with Highest possible Duty Cycle and capability to adapt Straight, Curved, Angled Tri-cut / Serrated Blades / Procedure Specific with different lengths and Geometry, Single Use & Sterile Blades and Burs.				
	Ability to change the direction of cutting without disturbing anatomy, through Finger Control.				
	Auto-Pump Controlled Irrigation.				
	Should operate on 5000 rpm (Oscillate), 12000 rpm Forward for Blades and Burs				
	Compatibility with IGS will be considered as an additional advantage.				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
3	High Speed Otologic Drill with Curved Fluted Bars (Cutting Diamond different Sizes)		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Otologic Electric Drill System with features suitable for standard ENT as well as specialized otoneurological procedures, like:					
	Infracochlear approach					
	Cochleostomy					
	Opening of internal auditory canal					
	Reducing the scutum during tympanoplasty					
	Skull Base Surgeries					
	Acoustic Neuroma.					
	<u>Technical Specs:</u>					
	High Speed up to 80000 rpm.					
	Incremental Adjustment between 200 rpm to 80000 rpm					
	Reverse & Forward Rotation.					
	Single Water Cooled Motor for All Applications.					
	Low profile Hand piece					
	Angled and Rotatable Strain Relief					
	Dimensions: max 16 Cm length with 2 Cm Diameter.					
	Compatibility with IGS will be considered as an added advantage.					
	Bur guards for stability & Irrigation					
	Option of Nerve Stimulation and Checkup for Integrity of Surrounding Nerve(s) Through Optional Nerve Monitor (<i>to be Quoted Separately against Nerve Monitoring System</i>) during drilling through Stimulation Bur Guard.					
	Single Hand piece; must adapt a Large & Comprehensive Range of High Speed Straight as well as Curved Burs (Tip Rotation) with the freedom of choice between different tip diameter and shaft length.					
	Controlled via BUILT-IN User-friendly Menu Driven Software, Microprocessor Controlled, built in Pumps for Cooling and Irrigation separately with Bright Display Touch Screen, 8 inch, Console.					

	Ease of Clamping the light weight Console on IV Pole.				
	Console Must have Manual / Emergency ON / OFF Button.				
	Quoted Console for High Speed Drill must support Automated Cleaning of Endoscope Lens during FESS, through dedicated separate footswitch, without disturbing surrounding anatomy and pulling out the scope from surgical field.				
	Multi Function Footswitch (Integral Part) must provide mode selection, speed control as well as selection of reverse, forward, Variable Speed & Start / Stop.				
	Future upgradeability of the purchased equipment for extended use will be considered as an added advantage.				
	Operating Environmental Temperature Range: + 10°C to + 33°C.				
	Operating Environmental Humidity Range: 30% to 70% RH.				
	Input Voltage Range: 100v to 240v ± 10%				
	Power Supply Frequency: 50 / 60 Hz				
	Power Consumption: 500 VA.				
	Supplier will need to provide 50 Burs of End-User's Choice.				
	Supplier will need to supply Compatible Pure Sine Wave UPS System of 500 VA with built in AVR, from LOCAL MARKET on Free of Cost Basis.				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
4	Operation Microscope for ENT (Microsurgical System for Otorhinolaryngology)	01 Set.	Rates on F.O.R Basis In words and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Consisting of :-				
	Main Body equipped with swivable and tiltable suspension for effortless positioning in all directions via hand grips with control of Microscope function and release / locking of magnetic brakes	01 No			
	Apochromatic optics				
	Motorized zoom ratio 1:6				
	Motorized internal focusing / internal focal length adjustment from 200 to 415 mm via front lens				
	Spot illuminator				
	Laser Compatible				
	Dust cover	01 No			
	Inclinable binocular tube 0 to 180°, f=200mm with interpupillary distance adjustment	01 No.			
	Wide Field oculars 12.5X with dioptic fixation	02 No.			
	Mobil floor stand with fixed column	01 No.			
	Rotate able joint arms				
	Magnetic brake system				
	180W Xenon illumination with adjustment brightness and integrated backup Xenon lamp				
	Memory for personal setting of up to nine surgeons				
	Power supply 220V AC, 50/60 Hz				
	Asepsis set	01 No.			
	Wireless fourteen function foot control panel				
	Optional Accessories :-				
	Video camera attachment including 1-CCD color camera (PAL) and adapter	01 No.			
	21" Color TV with DVD Recorder	01 No.			
	32" LCD with DVD Recorder	01 No.			
	Digital Image management system	01 No.			

	Beam Splitter	01 No.			
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
5	ENT Unit with accessories		01 Set.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Professional Otocompact Steel / Otop /v					
	Mobile Structure with 4 pivoting wheels					
	Powerful Suction System 50 lt/min					
	Insufflator: Ear-Wash Syringe (fixed temperature at 37°)					
	Mirrors Warmer					
	Endoscopes Support (2 long tubes)					
	Drawer with Lamp : germicide compartment equipped with 4 stainless steel trays for instruments					
	Front Drawers in milk-glass or painted					
	Neutralled Led Light Source (from 4100°K to 5500°K – 180 Lumen)					
	Electrical Up / Down Movement					
	Articulated Head-Rest					
	Reclinable to Bed position					
	Removable Arm-Rests					
	Power supply : 220/240 V					
	Frequency/ 50/60 Hz					
	Absorbed power, maximum configuration 1200 VA					
	Instruments maximum number					
	Maximum air capacity 26/min					
	Variance until 250 Kpa					
	Suction/aspiration : -86 Kpa (645 mm Hg, 40 lt./min)					
	Suction with oil /dry motor					
	Aspiration : -86 Kpa (645 mm Hg, 50 lt./min)					
	OPTIONAL:					
	Motorized ENT Chair, 360 deg. Roratable, reclining backrest and leg rest up to bed position. Articulated head rest and removable arm rests.					

	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
6	Telescopic Forceps		03 Set.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
I)	Optical Coin Forceps for Pediatric Broncho- Esophagoscopes, 2 x 2 teeth, for use with telescope, forced controlled handle for removal of coins and flat foreign bodies		01 No.			
II)	Optical Alligator Forceps for Pediatric Broncho- Esophagoscopes, for use with telescope, forced controlled handle for removal of hard foreign bodies		01 No.			
III)	Optical Forceps, for use with telescope, for biopsy.		01 No.			
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : KOREA / TAIWAN / CHINA					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
7	REFRIGERATOR (LAB & BLOOD)	02 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Capacity : 106 liters				
	Input Power : 160W				
	Temperature Range : 4± 1°C				
	Voltage (V/Hz) : 220V~ 240V / 50Hz				
	Temperature Control : Microprocessor Control				
	Power Failure alarm : Audible and visual alarm (72 hrs)				
	Cabinet : Upright, Stainless steel chamber				
	Door : Single Glass Door				
	Foam insulation : High density CFC-free urethane				
	Compressor : Danfoss compressor				
	Refrigerant : R134a				
	Door Lock : 1 No.				
	Casters : 4 Nos.				
	Interior light : 8W* 1				
	Charge battery : DM8-6 (8V6AH)				
	Shelves / Box : 3 Nos.				
	Storage Capacity : 200ml / 24				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : KOREA / TAIWAN / CHINA				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
8	EMERGENCY LIGHTS	20 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Wall mounted LED Light with 120 LED				
	6V, 4 amp				
	Battery time: 8 hours				
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : KOREA / TAIWAN / CHINA				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

**CIVIL HOSPITAL, KARACHI
HEALTH DEPARTMENT
GOVERNMENT OF SINDH**

Annexure-A

TERMS AND CONDITIONS

**TENDER FOR THE PURCHASE OF MACHINRY AND EQUIPMENT
Under ADP Scheme No. 1377 namely "UPGRADATION OF SURGICAL UNIT - I & SURGICAL
UNIT - IV" at Civil Hospital, Karachi, during the financial year 2009-2010.**

Tender Enquiry No. MS(CHK)2009-2010/- 2121

Due date 26-04-2010

Cost of the tender:	Rs.500/= (Non refundable)
Tender selling date from	From the date of publishing to 24-04-2010
Date for Tender submission	26-04-2010 from 09.00 a.m. to 10.30 a.m.
In the tender box	in the office of A.M.S (Procurement) C.H.K
Tender opening Date & Time	26-04-2010 at 11.30 a.m. in Board Room Civil Hospital, Karachi, before the participants.

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

Bidders are required to comply all the clauses mentioned in the Terms and Conditions of the Tender and any deviation will forbid them from competing in the tender

1. In this tender TWO Envelopes procedure as per SPPR 2010 Rules will be followed i.e. **TECHNICAL** and **FINANCIAL BIDS** will be submitted in separate sealed envelopes.
 - a) In the **Technical Bid**, the bidder must provide original data sheet and technical brochure and all other documents, and copy of Cashier's Cheque with out Showing the amount figure otherwise, the bid will be ignored. The technical evaluation will be done on the basis of criteria given in tender document.
 - b) A Column is given against the specification of each item, the vendor has to fill up with YES / NO or put a value as desired in the column. These specifications must be highlighted in the brochure./Technical sheet.
 - c) In **Financial Bid**, the vendor should mention financial offer along with CASHIER'S CHEQUE 5% value of the quoted items in favor of Medical Superintendent Civil Hospital Karachi.
2. The original tender purchase receipt issued by Accounts Section Civil Hospital, Karachi should be submitted along with **Technical Bid**.
3. The disclosure of firm's price at the time of opening of technical bid will result in the rejection of the bid.
4. A Column is given against the specifications of each item; the vendor must fill these with YES/NO or put value as desired in the column. These specifications must be highlighted in the brochure.
5. The **Financial Proposal** should contain only the prices of the equipments/item which are quoted.
6. The disclosure of firm's quoted rate in any manner at the time of opening of technical bid will result in the rejection of the bid.
7. No tender will be entertained without earnest money. The earnest money will be forfeited to Government Treasury in case of non-submission of security money within seven (7) days of receipt of the Advance Acceptance. (Letter of Acceptance)

8. No escalations in rates are allowed in any case after submission of the tender.
9. Only manufacturer / valid sole agent or Authorized Agent in Pakistan for a foreign manufacturer can participate in the tender for the item
10. The purchaser will initially open only the envelopes marked "**Technical Proposal**" in the presence of Bidders or their representatives who chose to be present at the time of bid opening date, time and place specified in the tender documents. The Bidder or their representative who are present shall sign the attendance sheet. The envelope marked "**Financial Proposal**" shall be retained in the custody of Purchaser without being opened till the completion of the Technical Evaluation.
11. The first scrutiny of technical bids will be performed by the Technical Committee on the basis of the data sheet and literature provided. Financial bids of technical qualified firms will be opened.
12. The equipment offered must be of latest version/generation and in case an old model is offered, it will not be considered, even though it is as per the tender specifications.
13. All documents / papers submitted with the technical and commercial bid should be paginated and certificate should be recorded duly signed and stamped at the end of the bid, else, the bid will be ignored.
14. Quality Assurance Tools / Test equipment availability with local agent for PPM (Periodic Preventive Maintenance) and periodic calibration along with list of test tools with calibration validity should be provided by firms before entering the agreement.
15. Certificate from the Manufacturer / Sole Agent that the vendor has fully equipped workshop, along with the list of Trained Personnel / Engineers and Equipment should be provided with technical bid and it can be physically verified by the Technical Committee of CHK, Karachi at any time before finalizing the tender.
16. The successful bidder will be required to submit security money in shape of CASHIER'S CHEQUE @ 5% of the total value of order in favor of Medical Superintendent, Civil Hospital, Karachi within Seven (7) days after receiving of the letter of acceptance.
17. The vendor will give Two (2) years warranty with parts and consumables, if any, and further one years free service without parts.
18. The warranty period will commence from the date of commissioning of the unit as per report of the end user or technical person of Civil Hospital, Karachi.
19. Firm must provide complete details of their financial standing, listing of similar equipment supplied in Pakistan, bio-data of engineers with training certificates/ test equipment, details of local stock of spare parts for similar equipment and details of office with number of personals; else, the bid will be ignored.
20. The vendor will provide technical / operational training to electro-medical engineer / end user from factory trained engineers. The supplier should provide detail of training program.
21. All equipment to be supplied should be accompanied with Two (2) original copies of the operation, service / maintenance and schematic diagram and spare parts list, manual in English language.
22. The vendor has to quote only one rate for each item as per tender specifications. (Alternate model will be considered. If a separate purchase receipt is attached), First offer will be preferred. All tender must be typed / printed. Hand written tenders or those having any cutting or erasing will be ignored.
23. The bidder shall submit with the bid, an **UNDERTAKING** on Non-judicial stamp paper of Rs.50/= duly attested by Oath Commissioner, stating that the equipment will be supplied is the brand new and of latest version / model, free from defects in design material and workmanship and will bind himself for availability of spares for a period of 10 years from the date of supply. In case of winding up of his

business, the supplier shall be bound to make an alternate arrangement of spares and maintenance of equipment. In case of default, depreciated cost of equipment will be recoverable from him.

24. 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.
25. Vendor will be responsible for routine pre-requisite installation and pre-installation, free of cost.
26. Equipment / Instrument will be handed over to the Addl. Medical Superintendent, (Stores) Civil Hospital, Karachi, along with copy of Delivery Challan / Note to the Medical Superintendent, Civil Hospital, Karachi.
27. If vendor doesn't supply equipment in accordance with the supply order or fails to supply according to terms and conditions or in case of any other default of terms and condition of the tender, it will be disqualified and the earnest / security money will be forfeited.
28. If the vendor fails to supply and install the equipment of the purchase order within the stipulated period, the liquidated charges will be imposed ..
29. The decision once taken will be final and will not be challenged in any court of law.
30. Up-gradation of Software(s) as well as FMIS for the life of system should be provided from the manufacturer if required.
31. The payment will be made within 30 days after getting the Joint Inspection Report duly signed by the nominated members (End User / Technical Expert, Store officer / Official of Civil Hospital, Karachi).
32. A copy of Income Tax and GST Registration Certificate should be submitted along with Technical Bid.
33. Conditional tender(s) against the Govt: rules/policy will not be entertained / accepted.
34. The equipment should be preferred Compatible, with available equipments of this hospital and should be FDA /CE marked.
35. The Vendor should submit a Data Sheet according to the Tender Specifications Format mentioned in the tender and highlight the tender specifications in their Technical Data Sheet. Additional Feature can be mentioned separately and the same will be considered if found the said features are good/best.
36. The system will have the minimum uptime 95% in case of down time beyond this period the following penalty will be applied:
 - a. 95% to 100% No penalty.
 - b. 90% to 95% the warranty period will be extended by the number of days System in down.
 - c. 85% to 90% warranty period will be extended 1.5 time the down time period.
 - d. 80%85 warranty period will be extended two time for the down time period and supplier is supposed to give justification of delay.
 - e. Uptime less then 80% hospital will complain to the Principal to take action against the supplier and warranty will be the three time for the down time period.
 - f. However, PPM will not consider in the down time and PPM of the system will be done as per manufacturer recommendation.
37. The attached questioner Performa must be properly filled and should be completed in all respect. In case questioner Performa is incomplete or information/formations provided are incorrect, the tender shall be rejected and the firm can be disqualified.
38. The Medical Superintendent, Civil Hospital, Karachi reserves the right to reject or accept any / all tender(s) subject to relevant provision of SPPRA Rules 2010.

39. The Bid which does not fulfill the prescribed conditions in the tender is liable to be ignored/ rejected.
40. The Medical Superintendent, Civil Hospital Karachi, reserves the right to increase or decrease the quantity as per rules.
41. In case of Purchase on C.I.F basis, the bidder will invest the money to open Letter of Credit within couple of week after receiving the supply order and will bear all the charges in this regard. The required certificate will be issued by this office that the import has been made for this hospital, so as to avail the facility of exemption of duties / taxes, as per Government Rules/Policy and the terms & conditions regarding payment will be decided mutually by the procuring agencies and the bidder.
42. In case of supply order placed on F.O.R basis the bidder should be supplied the quoted item on or before 20th June, 2010.
43. All the (applicable) Government taxes (Income Tax/ 0.20% Stamp Duty of the value of the contract amount will be deducted from the bills of the Contractors /Suppliers.
44. The offer will remain valid for 90 days.

45. Criteria for Evaluation of Bid

- a. Specifications compliance
- b. After sale service facility
- c. Bio Medical Engineering Workshop with Engineer's and Technical staff
- d. Operational Cost
- e. Delivery Schedule
- f. Validity of Offer
- g. Past performance of Manufacturer / Sole Agent
- h. Submission of catalogue, Diagrams & Service Manual
- i. Authority letter from Manufacturer
- j. Company Agreement from the Principal
- k. Guaranty of Availability of parts for 10 Year
- l. Earnest Money

I / we agreed above mentioned terms & conditions:

Name of Contractor _____ Signature _____

(CNIC NO _____ (Attested Copy must be attached)

Full Address _____

Rubber Stamp : _____

Annexure "B"
QUESTIONNAIRE / PERFORMA
 (To be filled in by the vendor all the quoted item.)

Equipment _____

Model _____

Manufacturer _____

Supplier _____

1- Year of Introduction of the offered model: _____
 Version (if same model revised): _____

2- Number of equipment installed (Please provide names of institution for Pakistan/ Karachi)
 - World wide. _____
 - In Pakistan. _____
 - In Karachi _____

3- Manuals to be provided:	Yes	No
- Service.	_____	_____
- Parts List	_____	_____
- Electrical Drawing/ Schematics	_____	_____
- Operational/ Application	_____	_____

4- Spare parts Availability Guarantee (No of years): _____

5- Source of spares availability _____ Lead time _____
 - Local _____ Overseas _____

6- Equipment life period (number of years) _____

7- Do you hold specialized tools/test equipment required for:
 - Maintenance Yes No N/A
 - Calibration _____ _____ _____

Please provide list of tools/test equipment including their calibration status on a separate sheet.

8- Annual Maintenance contract Price:
 - Parts and Labor: _____
 - Labor without parts: _____

9- On call service charges:
 - Minimum: _____
 - Per day: _____

10- In case of in house maintenance by CHK engineers are you willing to provide following during post warranty period.

- Back up engineer support whenever requested: Yes No
- Prompt supply of spares/ consumables: _____
- 11- Are you authorized representative of manufacturer: _____
- 12- No of Factory trained engineer available locally
Locally on offered equipment (provide training
Certificate & years of experience): _____
- 13- Total number of years in business: _____
- 14- Warranty period (please provide following details:
 - Uptime Guarantee: _____%
 - Response time to maintenance requested: _____Hrs
 - No of PPM/Year: _____
 - Any other: _____
- 15- Do you have any objection/ concerns to use similar
specification spares of alternate/ other manufacturer
during warranty of maintenance contract (if available) Yes No

- 16- Comprehensive CHK Engineer Training Yes No
If yes state what included: _____
 - Training Fees _____
 - Airfare _____
 - Boarding/Lodging _____
 - Free of charge _____
 - None of the above _____
- 17- Up-gradation possibility:
 - Hardware YES / NO Software YES / NO
 - If above has any cost please provide the details of up-gradation with estimated price:

Please state safety standard conformance (e.g. IEC 601,FDA, AAMI etc):

18- Pre-Installation services requirements:

Power: _____ KW Voltage: _____ Single/Three phase
 Gas: _____ Cu.ft/ hr Water: _____ Gallons/ Liter Hour
 _____ PSI (pascal)

(If pre-treated water required, please provide details)

Air _____ PSI Vacuum _____ mmgh

Other: _____

(e.g. Drain, Exhaust, Physical facility change etc)

Installation time: _____

Installation/ commissioning by whom: _____

19- Environmental Parameters Limits:

- Temperature _____ to _____ centigrade/ Fahrenheit
- Humidity _____ to _____ % RH.

IEC 601- International Electro Technical commission (Code 601)

AAMI - American Association for medical instrumentation.

20- Any other specific requirement (e.g. UPS, Voltage Stabilizer etc, provide details):

21- Briefly state facilities and benefits provided during warranty period:

22- Please give the rates of consumable, Disposable items and parts required for proper functioning of Machine /equipment life period of each item (in days /months).

Note: (The said Performa should be filled by the vendor to provide information of the entire quoted item.)

Supplier's Name: _____

Authorized Signature: _____ Designation _____

Annexure- “ C ”

**Schedule for Invitation Tender for Machinery & Equipment Under ADP Scheme No. 1377
namely “UPGRADATION OF SURGICAL UNIT - I & SURGICAL UNIT - IV” at Civil Hospital,
Karachi, during the financial year 2009-2010.**

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
1	Assorted Accessories for ERCP Procedures with esophageal Dilator and stent pusher.	02 Sets.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	Triple lumen Sphinctrotome	05 Nos.			
	Triple lumen Needle Knife	05 Nos.			
	Extraction Balloon with multiple sizing	20 Nos.			
	Cytology Brush	10 Nos.			
	Biliary stents (plastic) all sizes	50 Nos.			
	Esophageal balloon dilator	02 Nos.			
	One action stent Introducer with pusher	05 Nos.			
	ERCP Cannulas	10 Nos.			
	Savary Galliard Wire Guide	04 Nos.			
	ERCP Guide Wire 48cms, 0.035inc	10 Nos.			
	ERCP Guide Wire 48cms, 0.025inc	03 Nos.			
	Varices Injector 21G & 23G	20 Nos.			
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : USA / EEC / JAPAN				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
2	Ethylene Oxide Mixed Gas Sterilizer capacity 240 Liters 30% ETO Carbon dioxide Single manual door with built-in Boiler Chamber size 670 X 600 X 600/0.24 Ac 220V/50Hz/KW		01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : KOREA / TAIWAN / CHINA					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					

Items #	Description	Qty	Rates on C.I.F Basis In word and Figure		
3	DVD Recorder for Digital Documentation	01 No.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:	Country of Origin:		
	Specifications:-		Confirmed		Difference / Deviation
			Yes	No	
	FDA / CE or IEC Certificate				
	Or Equivalent				
	Country of Origin : KOREA / TAIWAN / CHINA				
	Delivery Period:				
	Warranty:				
	Catalogue / Brochure should be attached duly flagged.				
	Validity: ----- Days/Weeks				

Items #	Description		Qty	Rates on C.I.F Basis In word and Figure		
4	Emergency Lights		09 Nos.	Rates on F.O.R Basis In word and Figure		
	Model:	Make:		Country of Origin:		
	Specifications:-			Confirmed		Difference / Deviation
				Yes	No	
	Wall mounted LED Light with 120 LED					
	6V, 4 amp					
	Battery time: 8 hours					
	FDA / CE or IEC Certificate					
	Or Equivalent					
	Country of Origin : KOREA / TAIWAN / CHINA					
	Delivery Period:					
	Warranty:					
	Catalogue / Brochure should be attached duly flagged.					
	Validity: ----- Days/Weeks					