

408
NO. ADMN (E) /2017-18/ /NICH
GOVERNMENT OF SINDH
NATIONAL INSTITUTE OF CHILD HEALTH
KARACHI-75510

31/1/18
Dated: 2018

TENDER NOTICE

Sealed bids are invited from G.S.T. Registered Manufacturers/ Sole Agents/ Authorized Distributors for the Purchase of items which mentioned below for the year 2017-18.

S.#	NAME OF SCHEDULES	COST OF TENDER Non-Refundable	VALUE OF TENDER
	Purchase of Plant & Machinery / Equipment	1000/-	84,032,000/-
	Purchase of Computer Hardware	500/-	885,000/-


A complete set of bid documents can be purchased from cashier of this Institute on submission of written application upon cash payment of Rs.1000/- (Rupees one thousand only) (non-Refundable) on any working day from 06-02-2018 to 20-02-2018 which will be submitted on 21-02-2018 at 09:00 am to 10:30 am and opened publicly on the same day at **11:30 am**. All bids must be accompanied by a Bid Security/Earnest Money @ 2.5% of the total bid cost in shape of pay order and bid must be in Pak rupees. The Director, National Institute of Child health, Karachi reserves the right to accept/reject any or all bids under the relevant provision of SPPRA, Rules, 2010 amended 2013.

In case Govt. announces any public Holiday then tender will be opened on next working day.

All quotations shall include Govt. Taxes including GST if applicable.

Information regarding this NIT may also be downloaded from SPPRA website: www.pprasindh.gov.pak and NICH website: www.nich.edu.pk

For further details please contact on telephone No.99201261-4 Ext.215/303 from Mr. Majid Ali Senior Equipment Engineer.


PROF: SYED JAMAL RAZA
DIRECTOR



GOVERNMENT OF SINDH
HEALTH DEPARTMENT

NOTIFICATION

No.SO(PM&I)2-1/2016-17/PM-02/(NICH): A Procurement Committee under Rules-7 of Sindh Public Procurement Rules 2010 (Amended 2017) is hereby constituted comprising the following procurement committee for Procurement/Purchase of General Store Items i.e. Stationery, Printing Publication, Newspapers Periodicals and Books, Uniforms and Chemicals, Janitorial Service, Lifting of Garbage, Telephone, Courier and Pilot Service, Medical Gas (Liquid, Compressed & Nitrous), Purchase and Repair of Plant & machinery, Consumables, Instruments, Computer Equipment (Hardware), Furniture and Fixture, Transport & Office Buildings (Lifts), for the financial year 2017-18 at National Institute Child Health, Karachi.

01.	Dr. Samra Bukhari Assistant Dental Surgeon (BS-18), NICH, Karachi.	Chairman
02.	Dr. Asma Bibi Jakhrani Medical Officer, NICH, Karachi.	Member
03.	Representative from Deputy Commissioner (South), Karachi.	Member
Co-opted members		
01.	Dr. Syed Furqan Hassan Associate Professor (Pathology), JSMU NICH.	Chairman
02.	Mr. Majid Ali Memon Senior Hospital Equipment Engineer, NICH, Karachi.	Member
03.	Ms. Saira Erum Ejaz Pharmacist, NICH, Karachi.	Member

The TORs - Functions - Responsibilities of the Procurement committee in accordance with Rule-8 of SPP Rules 2010 shall be as under:

- Preparing bidding documents;
- Carrying out technical as well as financial evaluation of the bids;
- Preparing evaluation report as provided in Rule-45;
- Making recommendations for the award of contract to the competent authority;
- Perform any other function ancillary and incidental to the above.

SECRETARY HEALTH

No.SO(PM&I)2-1/2016-17/PM-02/(NICH).

Karachi, dated: 18th July, 2017

C.C to:

- The Managing Director, Sindh Public Procurement Regulatory Authority, Karachi.
- The Director, National Institute Child Health, Karachi with reference to his letter dated: 16-06-2017.
- The Chairman & all members of the Committee.
- The P.S. to Secretary Health.


(NAVEED AHMED SOOMRO)
SECTION OFFICER (PM&I)



NO.HD(P&E) 3-2 (427)/2014
GOVERNMENT OF SINDH
HEALTH DEPARTMENT

(Procurement, Monitoring and Inspection Cell)

NOTIFICATION

No. HD(P&E)3-2 (427)/2014: In supersession to this department's notification of even number dated: 10-04-2017 and in pursuance of Rule 31 of the Sindh Public Procurement Rules, 2010, the Govt. of Sindh, Health Department, re-constituted Complainant Redressal Committee (CRC), comprising of the following officers for scrutinizing the complaints of aggrieved bidders against tender invited by Health Institutions / Hospitals / Programs / Projects in Sindh.

01	Secretary Health, Govt. of Sindh.	Chairman
02	Representative from Accountant General Sindh	Member
03	Independent expert from relevant fields, comprising to be constituted by the Head of Procuring Agency.	Member
04	Deputy Secretary (PM&I)	Member Secretary
05	Deputy Secretary (General)	Member

TORs

- To scrutinize the complaints from the aggrieved bidders and decide the cases strictly in accordance with SPP Rules 2010.

SECRETARY HEALTH

No. HD(P&E) 3-2 (427)/2014

Karachi, dated 31st May, 2017

C.C. to:

1. The Director General Health Services Sindh Hyderabad
2. The District Health Officers (A/E)
3. The Medical Superintendents (A/E)
4. The P.S. to Chief Secretary Sindh, Karachi
5. The Managing Director, Sindh Public Procurement Regulation Authority, Karachi
6. The Special Secretary Adl. Secretary (Admin-Development Public Health) Health Department
7. The Chairman & all members of the Committee
8. The P.S. to Secretary Health.


(NAVEED AHMED SOOMRO)
SECTION OFFICER (PM&I)



GOVERNMENT OF SINDH
NATIONAL INSTITUTE OF CHILD HEALTH
KARACHI-75510.

**TENDER PURCHASE OF PLANT & MACHINERY/EQUIPMENT, COMPUTER HARDWARE (SNE) FOR NICH FOR THE YEAR
2017-18**

ANNUAL PROCUREMENT PLAN
(Works, Goods & Services)
Financial Year 2017-18

Sr. No.	Description of Procurement	Quantity (Where Applicable)	Estimated Unit Cost (Where Applicable)	Estimated Total Cost	Fund Allocated	Source of Fund (ADP/Non ADP)	Timing of Procurement				Remarks
							1 st Qtr	2 nd Qtr	3 rd Qtr	4 th Qtr	
1.	Purchase of Plant & Machinery/Equipment	-	84.032Million	84.032Million	84.032Million	Non ADP	-	-	Yes	-	
2.	Computer Hardware	-	0.885million	0.885million	0.885million	Non ADP	-	-	-	-	


(DR. SAMRA BOKHARI)
CHAIRMAN PROCUREMENT


(PROF. SYED JAMAL RAZA)
DIRECTOR

NO: ADMN (E)/2017-18/ 408 /NICH
GOVERNMENT OF SINDH
NATIONAL INSTITUTE OF CHILD HEALTH
KARACHI-75510.



**TERMS AND CONDITION OF TENDER FOR PURCHASE OF PLANT & MACHINERY
/EQUIPMENT FOR N.I.C.H., KARACHI, FOR THE YEAR 2017-18.**

1. Cost of the Tender is : Rs.1000/= (None Refundable)
2. Tender selling date is from : 06-02-2018 to 20-02-2018
3. Tender submission date is : 21-02-2018 from 09:00 am to 10:30 am
4. Tender will be opened on : 21-02-2018 at 11:30 am
Participants, in the **Conference Room, NICH**

NOTE: - READ THE TERMS AND CONDITIONS CAREFULLY:

Tenders are required to comply with all the clauses mentioned in the terms and conditions of the tender with all the relevant documents required and any deviation/short of document or incomplete tenders will forbid the participant from competing in the tender. The terms and conditions are as under:

1. In this tender two envelopes procedure will be followed i.e. technical bid and financial bid will be submitted in separate sealed envelopes.
 - a). In technical bid the bidder must provide original data sheet and technical brochure otherwise the bid will be rejected. The technical evaluation will be done on the basis of data sheet provided by the vendor as per technical bid.
 - b). In commercial bid the vendor should mention financial offer along with draft of 2.5 % Earnest Money/Bid Security in favor of the Director, NICH.
2. The Photostat copy of deposit at call if attached with the technical should be made in such a way that its value is neither disclosed nor readable. This can be done by placing a piece of paper on the place where amount is mentioned.
3. The disclosure of firm's equipment price at the time of opening of technical bid will result in to rejection of the bid.
4. First scrutiny of technical bids will be performed by the technical committee and financial bids of those firms will be opened which qualify technically.
5. The equipment offered must be Brand New of Latest Technology/ latest version/generation, without defects or blemish and shall meet the standards, specifications.
6. Quality assurance tools/test equipment availability with local Tenderer for Preventive Maintenance and periodic calibration along with list of test tools with calibration validity be provided by firms before entering in to agreement.
7. Certificate from the sole agent / manufacture that the vendor has fully equipped workshop, along with list of trained personnel/engineers and equipment should be provided with technical bid and it can be physically verified by the technical committee of NICH or Ministry of Health if needed.



8. The successful bidder will be required to submit bank Guarantee/ Performance Security @ 5 % of the total value of order to NICH for warrantee period of three years, which will be required before issuing orders as security money, failing which the Earnest Money will be forfeited to Government accounts. Submission of security money will not be considered as final order.
9. The vendor will give three years warrantee with parts, if any and further two years free service without parts. And 03 years Warrantee for the availability of spares and engineering backup. However service charges after warranty with parts will be negotiated before issuance of order.
10. The warranty period will commence from the date of commissioning of the unit as per report of end user and technical person within 12 weeks period.
11. 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.
12. Technical training to Bio-Medical/Equipment engineer from factory trained engineers for equipment procured will be provided by the firm.
13. All equipment to be supplied should be accompanied with three original copies of the operation service/maintenance and schematic diagram and spare part list manual in the English Language.
14. Supplier will provide clinical applications training to the end user by factory trained clinical expert on NICH Site for a satisfactory period as per requirement of end user.
15. No tender will be entertained without call deposit conditional tender will also not be accepted.
16. The tenderer has to quote only one rate for each item as per tender specifications no alternate model will be accepted only first offer will be considered. Hand written tenders or any over writing, cutting, erasing shall be liable to disqualification firm.
17. The bids will be valid for 90Days from the date of the opening of the tender SPPRA Rules.
18. The bidder shall submit with the bid an undertaking on stamp paper, stating that the equipment to be supplied is brand new and of latest generation free from defects in design material and workmanship 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.
19. Vendor /Supplier will be responsible for pre-requisition installation, free of cost and also responsible for pre-installation work if required.
20. Equipment/Instrument will be handed over to store keeper through Bio-Medical /Equipment department with a copy of Delivery Challan.

21. The contractor must be authorized sole agent of the manufacturer. No sub-sole distributor is allowed to participate in the tender.
22. Price escalation will not be allowed.
23. Tender which does not fulfill the prescribed condition in the tender is liable to be rejected.
24. If supplier/firm 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, it will be black listed and the earnest money will be forfeited.
25. If the supplier fails to give supply and install within the stipulated period, penalty will be imposed @ 0.1 % of the total value of equipment per day subject to a maximum of 10 %.
26. No tender will be issued on the opening day.
27. Any major & minor part becoming faulty during warranty period will have to be supplied by the firm at their cost.
28. The payment will be made after satisfactory report of the user department and Bio-Medical /Equipment department countersigned by authorized persons.
29. All Taxes will be deducted according to government rules.
30. The attached question Proforma must be properly filled and should be complete in all respect in case questioner Proforma is incomplete or information provided are incorrect the tender shall be rejected.
31. The Director, NICH reserves the right to reject or accept any or all bids under the relevant provision of SPPRA, Rules.2010 amended 2013.
32. The rate quoted must be in **DDP & CIF** basis. Rate on **DDP** basis must include Income Tax, GST, SST, etc. in vogue. Variation in prices of Pak Rupees based on the variation of Forex rate (Dollar /Euro) in the International Market shall be borne by the Supplier and not by the Government.
33. The supplier should provide pre-requisites for the space, where equipment to be installed regarding electric and civil work.
34. In case of placing the order on "**CIF**" basis, the Supplier will have to be responsible to bear all the expenses like insurance, clearing charges, Bank charges, transportation, etc.
35. If it is declared at the later stage that the supplied item(s) were of inferior quality the same will be replaced by the concerned firm at their own risk and cost
36. Tenderer will import this equipment on behalf of NICH. The L/C will be established solely to import for NICH as per purchase order and no other goods will be imported in this consignment. A copy of all shipping documents (Copy of L/C, Proforma Invoice, Bill of Lading /Air Ways Bill, Bill of Entry etc.) should be submitted to NICH when available.



37. NICH will be the consignee of the equipment imported. The Tenderer will open L/C in the name of Director, NICH, Karachi; Tenderer will be responsible/ arrange the consignment clearance through clearing agent on behalf of NICH and deliver the consignment directly from port to NICH Stores.
38. NICH will assist the Tenderer in clearing the consignment from customs and will arrange the relevant SRO/NOC and other documents required to avail the exemption of Custom Duties, GST, Income Tax and other Taxes/duties applicable on such import.
39. Tenderer will clear the consignment from the customs and bring it to NICH Stores duly insured. It will be the responsibility of Tenderer to inspect physically the consignment to ensure that it is received in good condition without damage. After opening the consignment if any thing is found damaged, occurred by virtue of shock during unloading and transportation, this will be reported immediately for insurance claims.
40. Tenderer shall maintain at their Karachi office a factory trained engineers at all times. Specially trained engineers for the quoted system within Karachi.
41. The supply should be completed within 30-90 days of establishment of L/C; otherwise a penalty of @ 0.1 to 10% per day will be imposed, which will be deducted from their security money. After expiry of delivery period the competent authority have the right to forfeit security money to the government account.
42. All the test tools must have calibration certificate and the same must be validated whenever required. Qualified and fully trained system experienced service support will be available during warranty and post warranty.
43. Preventive Maintenance will be carried out as per manufacturer's recommendations. PPM Schedule to be provided before equipment Installation. All maintenance inspections detailed here in above shall be scheduled between 09:00 AM to 3:00 PM-Mon - Sat, excluding Public Holidays.
44. Preventive Maintenance will be performed as per the scheduled mutually agreed upon between the Tenderer and the NICH. This maintenance includes all cleaning, lubrication, testing, alignment and replacement of parts necessary to minimize equipment failures and extend its useful life. Corrective Maintenance includes all actions to diagnose and correct equipment mal functions / image quality.
45. The supply will have to be delivered at the premises of NICH at the supplier's risk and cost. Any breakage or shortage of stock will be recovered from the supplier.
46. If any firm refuses to deposit the security money his pay order will be forfeited to the Government Account, after depositing the security money, if he fails, to supply the required item or provides the substandard quality or refuses to follow the orders, his security money also will be forfeited to the Government Accounts.. No excuse will be accepted in case of inferior and substandard quality supplies and it will be replaced forthwith.
47. The Director NICH, Karachi reserves the right to take all the quantities mentioned in the schedule or part thereof.
48. The Tenderer/ Supplier should submit an under taking that supply should be made available within 30-90 days after the date of placing the order. The delivery period can be extended by the competent authority for 10 days if reason is genuine. After that penalty of 0.1 to 10% per day will be imposed, which will be deducted from the security money. However full quantity of the purchase order should be completed within given time, after that their earnest money will be forfeited to government accounts, and they may be black listed by the competent authority.



AN UNDERTAKING CONTAINING THE MATTER MENTIONED BELOW ON STAMP PAPER OF RS:100/= DULY ATTESTED BY NOTARY PUBLIC TO BE SUBMITTED WITH TENDER.



- I. We hereby confirm to have read carefully the description of stores/items and all the terms and conditions of your tender enquiry due for opening on **21-02-2018 for the Purchase of Plant & Machinery /Equipment for NICH, Karachi.**
- II. We also hereby categorically confirm that the stores offered by us are exactly to the particulars and specification as laid down in your tender enquiry in all respects.
- III. We hereby confirm that the supply be made available within 30-90 days after placing the order, Otherwise NICH reserves the right to take action as per terms and conditions.
- IV. We certify that we will abide by all the terms and conditions of the tender. Infringement of any of the terms/conditions will make the tender invalid as recommended by the competent authority.
- V. Certified that the prices quoted to this institute against tender are not more than the prices charged from any other purchasing agencies in the country and in case of any discrepancy, the Tenderer hereby undertakes to refund the price charged in excess.
- VI. Certify that no government servant has directly or indirectly a share or interest with our firm.
- VII. We had not been black listed in any government institution or any pending litigation with any government Institutions / hospitals

The tender should be addressed to the Director, NICH, Karachi and be submitted in sealed envelope and dropped in the tender box placed in the Office of the Procurement Department on above mentioned date and time Which will be opened before the Tenderer if present at 11:30 AM the same day.

Late tender (i.e. tenders received after opening of tender box 11:30 AM will not be accepted and will be returned by hand. Instructions on work order should also be followed.

FOLLOWING DOCUMENTS ARE TO BE SUBMITTED ALONGWITH TENDER

		yes	No
a.	<i>Tender Purchase Receipt in Original.</i>		
b.	<i>Earnest Money as per tender condition.</i>		
c.	<i>Income Tax Certificate.</i>		
d.	<i>GST Registration Certificate.</i>		
e.	<i>A Photostat copy of the national Identity Card.(CNIC)</i>		
f.	<i>Valid Agency Authorization Certificate / Agreement.</i>		
g.	<i>Original Terms and Conditions of the Tender duly signed by the Supplier that they have to abide by all the above mentioned terms and conditions.</i>		
h.	<i>List of Hospitals / Institutes where these type of equipment, they have supplied.</i>		
i.	<i>List of Trained / Skilled Personnel and Equipment available in their workshop for the facility of Service / Maintenance & Complete Profile of the Company.</i>		
j.	<i>Certificate that the price quoted to NICH, Karachi, are not more than the price quoted to any Government / Semi Government / Autonomous Department.</i>		
k.	<i>A Certificate that the firm will abide all terms and conditions of the tender.</i>		
l.	<i>FDA approved model certificate.</i>		
m.	<i>CE approved model certificate.</i>		

CERTIFICATE



Certified that all terms and conditions mentioned in the tender are the acceptable and will abide them strictly

Signature: _____

Name : _____

Address : _____

Telephone No :

WITNESS: 1) _____

WITNESS: 2) _____

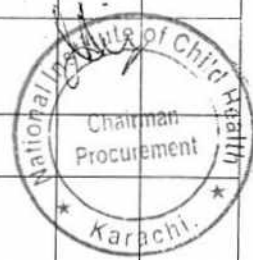
NO. ADMN (E) /2017-18/ 408 /NICH
GOVERNMENT OF SINDHO
NATIONAL INSTITUTE OF CHILD HEALTH
RAFIQUEE (H.J) SHAHEED ROAD
KARACHI-75510



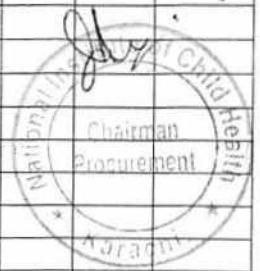
**TENDER FOR PURCHASE OF PLANT & MACHINERY / EQUIPMENT FOR
N.I.C.H., KARACHI, FOR THE YEAR 2017-18**

No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS	Yes / no / put desired value	Req. Qty	DDP/CIF	
				Rate	Amount
1.	MULTI PARAMETER:		10		
	Model / Cat. No.				
	Make:				
	Sole Agent Exclusively for Pakistan (Yes / No)				
	with maximum channels				
	ECG.				
	NIBP.				
	IBP				
	ETCO2				
	SPO2.				
	Respiration,				
	Temp,				
	15" TFT Color display				
	Reusable sensor probe maximum length				
	Sterilized and used with neonate to pediatric finger or ear sensor				
	Wall mounted stand/trolley				
	Maximum 4hrs battery backup				
	Power 220V – 240V				
	With all standard accessories as per our requirement.				
	FDA/CE/JIS approved model:				
	Country of Manufacturer: U.S.A, Japan, EU				
	Delivery Period				
	Warranty				
	Training: origin / other details:				
2.	CT SCAN MACHINE:		01		
	Model / Cat. No.				
	Make:				
	Sole Agent Exclusively for Pakistan (Yes / No)				
	PRE-REQUISITE:				
	The quoted equipment must be manufactured in USA, Europe or Japan only.				
	Any two certifications FDA 510K, CE MHLW.				
	The firms must quote their latest and leading brands from the above mentioned origins with the proven past performance nationally and internationally.				
	The firm must possess its related back up support services including trained engineers, workshop facilities, spare parts availability and repair/calibration tools etc.				
	The quoting firm should have proper infrastructure to handle and execute the complete package with previous experience of CT systems.				
	The quoted firm must have installed at least 5-units for the similar 16-slice systems in Pakistan and must bring satisfactory recommendation letters from at least 03 local users along with installation certificates.				
	This is knockout clause and firm not fulfilling this will be not considered.				
	The firms must have sole agency from manufacturer and must have an established track record in CT Scan Government supply of over 5years.				
	Gantry: Gantry bore to be at least 70 CM or more				
	Minimum gantry rotation speed to be at least 0.5sec for 16-slices per 360-degree rotation or better				
	Gantry tilt must be +/-30 degree. System should be capable of acquiring helical /spiral with gantry tilting.				
	Tube: heat storage capacity of at least 5 MHU or more				
	Anode heat dissipation of at least 850 KHU/MIN				
	Generator & detector: high frequency type maximum power of at least 50 KW or more.				
	80 to 135 KVP range. Dose reduction hardware / soft ware with automatic MA adjustment according to body weight.				

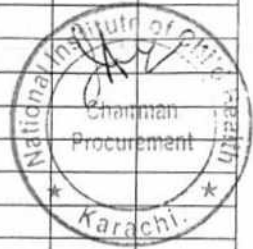
Calculate patient dose in milli-gray preferably before axial acquisition				
Low contrast detectability (LCD) calculated on a catphan CT phantom of 3 MM resolution with a CT number of 3HU (0.3%) contrast difference will be preferred.				
Scan length of at least 1.75 meters in a single acquisition.				
Table: single acquisition scans range of at least 1.7meter or more Weight breathing capacity of 180.				
Console Computer: system architecture and operating system must be based on latest technologies. Multitasking and parallel processing CPU system, dual xeon processor or better or better.				
At least 100 GB of storage space or more for 100,000 image storage. Real time spiral/helical reconstruction of minimum 15-images per second with iterative reconstruction method.				
Console monitor color 19" TFT type monitor. Iterative dose reduction / technology for low dose in pediatric DVD / CDR.				
Additional multi-modality work station: (should be from the original manufacturer of CT Scanner).				
Two independent stand alone workstation are required, these should not be thin client				
Third party workstations are not acceptable.				
High-speed link to operator console on dicom network.				
System architecture and operating system must be based on latest dual xeon processor or bit risc.				
Should have hi-resolution LCD/TFT screen of 18 inch or more				
CD / DVD writer.				
Dicom viewer for viewing CT and MRI images.				
Software (Included as Standard): full color volume rendering 3D at console and workstation.				
Isotropic volume acquisition at console.				
CT angio both at console and workstation.				
Vessel stenosis analysis at console and workstation.				
3D surface rendering at both console and workstation.				
Curved planer reformation at console and workstation.				
Contrast media based synchronizing soft ware at console.				
Virtual endoscopy / colonoscopy / bronchoscopy at workstation and console.				
Cerebral blood flow / head perfusion at console and workstation.				
Orbital synchronized 3D direct CT DSA or similar with deformable registration for :				
(i) Brain				
(ii) Lungs				
(iii) Ortho				
Lung volume analysis software on console and workstation.				
Pediatric scanning package with small FOV and 80 KVP scanning.				
Fly through software at console and workstation.				
CT fluoroscopy with real time images and display of at least 6 frames /sec with required.				
Hard ware / software complete with one high resolution monitor in CT room.				
Special pediatric filed OV view of 180 MM and 240 MM in addition to normal 50CM FOV.				
Note: console and workstation should be capable of independent working				
DICOM 3 Capability: DICOM 3 capability for send, receive, archive, retrieve and print.				
Power Requirement: three phase with line voltage of 220V, 50HZ.				
Accessories (Included as Standard):				
DICOM compatibility dry laser imager for film size 14" x 17".				
Online sine wave ups for whole system with A minimum backup of 10 minutes on full load.				
Dual head power programmable, injector with flow/ volume and temperature control for both head independently, mounted on mobile base/ceiling suspended with 100 syringes of 150 ML capacity and connecting tubes.				
Standard set of phantoms for calibration of CT				
Paediatric patient immobilizer for placing patient flat on the table.				
Bone mineral densitometry with pediatric database.				
Pediatric CT shields to offer 0.035 lead equivalency. Should be lead and latex free. All shields to be supplied with off-set foam. Shield required for neonates, 1 year, 5 year and 10 year old.				
Rotating Paediatric Securing System enables the child's to be scanned with 3 positions of angles 0°, 45° and 90°. There should be no screws or buttons and simple adjustment is required to set the height and any angle of rotation setting. Air mattress design for optimal patient comfort.				
Pediatric lateral finger block of polyurethane foam. Medical grade coating, with skin membrane to be durable and easy to clean surface to be resistant to blood, beta dine, barium, alcohol, oils, and other fluids. Anti-microbial: antibacterial and antifungal. Self deodorizing. Should offer artifact -free imaging.				
CHILD CT MYELOGRAPHY BLOCK				



Mini CT port for CT injections for diagnostic Imaging at up to 5cc/sec at 300PSI. 500 sets. Each set to contain.			
Set contains: (1) port			
1) Catheter			
2) Catheter locks (1) scalpel			
1) Introducer needle (1) vein pick			
1) Marked guide wire (1) 10CC syringe			
1) 3cc syringe			
1) Valved peel able introducer (1) tunneler			
2) 22 GA. Huber needles			
1) Straight, 1 right angle (1) blunt tip needle			
2) Patient information pack			
CT breast shield for pediatric			
CT eye shield. 100 eye shields			
PEDIATRIC MULTI PARAMETER MONITOR WITH BISPECTRAL INDEX MONITORING & AMPLITUDE EEG.			
None fade TFT color display electro-surgical interference suppression/protection defibrillator protection			
Defibrillator protection.			
Freeze and cascade facility			
Waveform trace speed: 25 to 50 MM/Sec			
Screen Size: min 12" or more TFT/LCD color touch screen display.			
EEG with 12-leads ECG analysis with 10-electrods, respiration, NIBP, dual temperature, pulse oximetry, arrhythmia analysis with minimum 20 arrhythmia items, bispectral index monitoring (BIS), and amplitude integrated EEG to detect seizures of infants. Trend data for 72 hours trend graphical and tabular must be provided.			
Built-in rechargeable battery for at least 1 hour AC power failure at full parameter.			
Note: the system must be complete with all sensors, probes, cables, or any other accessories required for measuring all the above selected parameters.			
Radiation Protection: lead glass for control room 5x3 feet 0.5 MM PB. Equipment. Two LED / LCD film viewer / illuminators, 14"x17" size, with variable light control.			
To be Quoted as Optional:			
1.Fat index calculation and automatic color display on console.			
2. Multimodality workstation.			
Upgradability: system with the possibility to up grad to higher version in terms of scanning slices will be given preference. All the upgrades shell be made without any charges			
Warranty: three years comprehensive warranty with glassware and detector are third party items i.e UPS, Injector, Printer and etc should also be covered in warranty from the manufacturer; local vendor's warranty will not be accepted.			
Training: one week on-site application training for technicians by application specialist, one week on-site application training for radiologist by manufacturer's application specialist. One week for region service/technical training for Bio-Medical Engineers.			
With all standard accessories as per our requirement.			
Note: documentary evidence of quoted pediatric accessories must be attached and these accessories should be branded and well reputed.			
FDA/CE/JIS approved model: (any two certifications)			
Country of Manufacturer: U.S.A, Japan, EU			
Delivery Period			
Training: origin / other details:			
3. C-ARM SYSTEM:		01	
Make:			
Model / Cat. No.			
Sole Agent, Exclusively for Pakistan (Yes / No)			
Latest Carm system for surgery, emergency and intensive environment catering fracture / pain management and spinal surgery applications. The Carm should comprise of the following configuration			
CARM STAND:			
SID: 100cm or more			
Mortised vertical movement: 50cm or more			
Rotation: 220Deg or more			
Horizontal travel: 20cm or more			
Vertical travel: 50cm or more			
Orbital rotation: 90degree/45degree or more			
Frame rate: 1-30 frames per second			
Foot switch, hand switch			



X-RAY TUBE:				
Fixed anode tube with nominal dual focal spots of 0.3/0.6/mm or less				
Maximum tube voltage should be 120KV				
Anode heat storage capacity: 300KHU or more				
X-RAY GENERATION:				
Max generator output: 10KW or more with maximum tube current of 135mA or more				
Continuous fluoroscopy with KV of up to 110KV and mA of 6mA or more should be possible				
1/2 dose pulse fluoroscopy with pulse rates of 8 pulse/sec or more should be available				
Digital Spot imaging with up to 20mA should be available				
Built-in over-temperature detection and protection				
IMAGE DETECTION:				
9" or more image intensifier supporting triple mode				
CCD camera 1K x1K2				
Digital image rotation on live image should be possible				
X-RAY COLLIMATOR:				
Lead shutters helping in block un-necessary radiation				
Rotation available				
Shutter position on last image hold without radiation should be possible				
IRIS collimation should also be possible				
IMAGE PROCESSING:				
1K2 imaging chain				
Real time noise reduction with auto contrast & brightness/ABS				
Relevant measurements like inversion extra should be available				
Ram memory 100 frames or more				
Image storage: 30,000 images on system HDD				
MONITORS & CONTROL STATION:				
Compact Mobile type control station with 2x color LCD monitors 19" or more				
Image storage on external USB medium, DVD should be possible				
Dicom package including print, store and export classes to be available				
Integrated keyboard and selection buttons layout/touch screen				
ACCESSORIES:				
9" Cassette Holder or more				
Set of sterilizable covers				
Handheld Remote control for controlling the main image handling function/ hand switch				
With all standard accessories as per our requirement.				
System should have DSA and road map upgradeability				
FDA/CE/JIS approved model:				
Country of Manufacturer: U.S.A, Japan, EU.				
Delivery Period				
Warranty				
Training: origin / other details:				
4. COLONO SCOP COMPLETE (FLEXIBLE):			01	
Make:				
Model / Cat. No.				
Sole Agent Exclusively for Pakistan (Yes / No).				
(a) High Definition Video Colonoscope:				
High Definition Video Colonoscope (Slim) with CCD and advanced technological features				
Direction of view: Forward viewing				
Field of view 140° or better				
Depth of field 3 - 100 mm or better				
Insertion tube diameter 11.7 mm or less				
Channel inner diameter 3.2 mm or more				
Working Length: 1650mm or more				
Water Jet: Angulations: Up 180°, Down 160°, Right 160°, Left 160° or better				
Observation facility for greater contrast of blood vessels and mucosa				
Complete with all standard accessories.				
(b) LED / LCD High Definition Color Monitor:				
To display the clinical findings.				
26" or more Medical Grade				
Aspect ratio of 16:9 or more.				
Complete with cables standard accessories.				



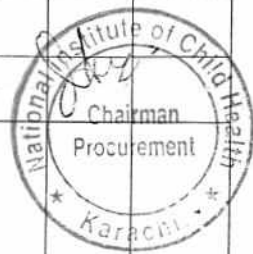
(C) MOBILE WORK STATION WITH ARM & CABLING SYSTEM				
Trolley accommodates a wide range of electro-medical devices advanced endoscopic procedures				
LCD Monitor Arm allows the operator to optimize the viewing position with ease,				
due to the integral gas spring and tensioned joints providing excellent balance in use				
Optimized cable management through a range of cable channels integral to the workstation hoop				
Isolation transformer should be fitted as standard to meet electrical safety requirements.				
Output from the transformer is controlled by a central switch, allowing all connected				
Equipment to be powered up simultaneously				
Safe and easy to use single and double gas bottle holders for various bottle sizes				
support all procedures with CO2 insufflation in surgical and medical endoscopy				
Depending upon set configuration, the sliding keyboard tray is simple to use and				
enables easy access for entering demographic data				
Complete with following:				
CO2 Cylinder Holder (140 mm)				
Sliding Keyboard Tray				
LCD Monitor Arm				
IV Pole				
Drawer Unit				
Equipotential Strip				
Monitor Power Supply Holder				
Footswitch Holder				
Keyboard Arm - Side Mounted				
Universal Storage Container				
Equipotential Support Rail				
Cable Retaining Hook				
Nurses Control Arm				
(d) Endoscope Flushing Pump:				
WATER PUMP: Used with water jet for cleaning the lens of scope.				
Water jet / Flushing pump for scopes, compatible with all scopes.				
Complete with tubing set and standard accessories.				
(e) Leakage Tester:				
Compatible with Gastro and Colonoscopes.				
(f) Suction Pump for Endoscopes:				
Sucker Machine Heavy Duty Dedicated For Endoscopy:				
Suction machine used for the suction of debris, clinical pathologies and mucus from the abdominal part.				
Heavy duty.				
Aspiration rate up to 50-60 liters/minutes at 650-900mm Hg.				
Vacuum continuously adjustable.				
10X bacterial filter.				
Complete aspiration set.				
Over flow safety device 220v/50 Hz.				
Noise Level should not more than 50 dB				
(g) Recording System/Image Capturing Device:				
Separate or built in medical grade digital video HD recorder.				
Having built in recording facility.				
Internal/external 450GB or more Hard Drive.				
With all standard accessories as per our requirement.				
Note: All Items Should Be One Manufacturer.				
FDA/CE/JIS approved model:				
Country of Manufacturer: U.S.A, Japan, EU.				
Delivery Period				
Warranty				
Training: ofigin / other details:				
5.	HIGH RESOLUTION GASTROINTESTINAL VIDOSCOPE (PEDIATRIC):		01	
	Make:			
	Model / Cat. No.			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	(a) High Definition Video Gastroscopy (ULTRASLIM):			
	To diagnose, Treat, Therapy of Esophageal, stomach for ulcer, gastric cancer, biliary diseases,			
	Barrett's esophageal treatment for Peads Patiechts			
	Ultra-Slim Video Gastroscopy with advanced technological features.			

Transnasal Video Gastro scope.				
Field of view 140° or more.				
Direction of view Forward viewing				
Depth of field 4 - 100 mm or better.				
Insertion tube diameter: 9.2mm or less				
Distal end diameter 9.2mm or less				
Channel inner diameter: 2.0 mm or more				
Working length: 1100 mm or more				
Angulations: Up 210°, Down 90°, Right 100°, Left 100° or better				
Observation facility for greater contrast of blood vessels and mucosa.				
(b) High Definition Video System Centre (HD)				
It helps in vivo diagnostic ensures faster detection, easier demarcation and characterization of gastrointestinal lesions to support improved patient outcomes.				
High Definition Video System having following features.				
02 HD-SDI and DVI outputs.				
HD Image Quality with 1920x1080 Resolution				
Programmable functions through endoscope switches.				
White balance adjustment.				
Automatic gain control.				
Freeze screen display.				
Patient data/image storage facility.				
Keyboard for data handling.				
Capable for visual enhancement and differentiation of vessels and Capillaries				
Complete with standard accessories.				
(c) Xenon Light Source 300w				
It enables visualization of gastrointestinal mucosal structures also contributing to clear and more detailed visualization of mucosa.				
Separate or built in advanced 300W Xenon Light Source for Video Scopes.				
Average lamp life, Approx. 500 hours.				
Emergency Lamp Halogen or LED.				
Brightness level adjustable.				
High intensity mode.				
Air pump.				
Monitoring of lamp usage.				
(d) Endoscopic Washer & Pre-Processor (Imported)				
Automatic High Pressure Washing & Cleaning capability				
Free standing type				
Applicable scopes, Flexible endoscopes				
Number of reprocessed scopes 01 at a time.				
Number of washing basin 01.				
Cleaning time setting				
Disinfection time setting				
Display of Parameters.				
User selectable.				
Compatible with quoted scopes.				
Complete with all accessories and endoscopes hook ups. Ready to use.				
Endoscopy system should have 510K (for UGI, LGI & endoscopy processor + light source)				
With all standard accessories as per our requirement.				
Note: All Items Should Be One Manufacturer.				
FDA/CE/JIS approved model:				
Country of Manufacturer: U.S.A, Japan, EU.				
Delivery Period				
Warranty				
Training: origin / other details:				
HEAVY DUTY ULTRASONIC NEBULIZER:			10	
Model / Cat. No.				
Make:				
Sole Agent Exclusively for Pakistan (Yes / No)				
With flexible tubing and mask and nebulizing chamber for continues 6 hours, operating pump or piston type with variable time selector with trolley.				
With all standard accessories as per our requirement.				





	FDA/CE/JIS approved model:			
	Country of Manufacturer: U.S.A, Japan, EU.			
	Delivery Period			
	Warranty			
	Training: origin / other details:			
7.	VENTILATOR:			
	Model / Cat. No.			
	Make:			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	Technical Specifications For Advance High END ICU Ventilator			
	ICU ventilator specification (neonate to adult)			
	Feature;			
	Microprocessor controlled ICU ventilator with positive pressure ventilation			
	Display size 15" TFT color wave form (Inspiration, Expiration And Spontaneous Breath)			
	Automatic patient detection facility preferable			
	inspiratory and expiratory filters.			
	Patient range- 0.3 to 150 kg.			
	Standby Mode: this feature pauses ventilation while the patient is disconnected and preserves settings, auto-detects patient upon reconnection and resumes ventilation			
	Configure the touch screen to display up to three waveforms and two loops simultaneously, allowable waveforms include flow vs. time, pressure vs. time,			
	Intuitive display with swipe able menus and easy to adjust scale, one window for switching mandatory breath modes al smart alarm system which increase voice when us noticed.			
	Pressure control volume control and pressure control with set volume breathe			
	Modes: assist control, SIMV, Spont, Bilevel/ APRV, PRVC/ autoflow or ASV/VV+, N-CPAP auto leak compensation.			
	Feedback control ventilation which supports patient in spontaneous breath by setting only % support and calculating flow and volume every 5 milliseconds and calculates resistance and compliance every 4 to 10 breaths.			
	Tidal volume 2ml – 2000 ml			
	Respiratory frequency 1-150bpm			
	I: E ratio: 1:4 ,4:1			
	Backup apnea ventilator for all modes			
	Apnea interval: 10 to 60 seconds			
	100% oxygen for 2 minutes			
	Peak inspiratory flow			
	Plateau pressure			
	Oxygen concentration 100% FiO2			
	Battery backup more than one hour			
	HDMI connectivity for connecting external display			
	RS 323 port (printing & data transfer)			
	ETCO2 monitoring			
	Ultrasonic Nebulizer for efficient drug delivery			
	External compressor option to connect if incase central air fails compressor automatically activated (optional)			
	EC, ISO & FDA approved			
	With all standard accessories as per our requirement.			
	FDA/CE/JIS approved model:			
	Country of Manufacturer: U.S.A, Japan, EU.			
	Delivery Period			
	Warranty			
	Training: origin / other details:			
8.	X-RAY DR SYSTEM:		01	
	Model / Cat. No.			
	Make:			
	Sole Agent, Exclusively for Pakistan (Yes / No)			
	SPECIFICATIONS:			
	Wireless Digital Radiography System Should Have The Following;			
	The DR after exposure, a preview image immediately should appear on the display of the console in less than two seconds and the console should have ability as user-friendly graphic interface adding new and powerful functions that can be modified to customer preferences flexibly, succeeding the conventional console design.			



The DR simultaneously should read all elements of X-ray fluorescence on the spot and it should be superior in nearness.				
The DR functionally should read all of the elements to enhance the sharpness and sensitivity and achieving the low-dose radiography.				
The optimal combination of the DR detector using a CsI scintillator should be combined with the latest technology and developed low noise readout ICs delivers a high DQE even at a low dose reduce the amount of radiation exposure and to achieve the wider dynamic range of DR comparable in radiography of shoulder joints etc , the DR permits describing the skin line accurately on the radiographic conditions change.				
Type	Portable flat panel detector based on amorphous silicon (a-Si)			
Scintillator	CsI (Cesium Iodide)			
Weight	2.9 kg or less.			
Pixel Size	180 µm or better			
Image Field	1,996 x 2,434 pixels (4.8 million pixels)			
Power/Communications Tether	Possible			
WLAN Standard	WLAN standard IEEE 802.11a			
Dynamic Range	4 digits			
Dimensions (WxLxT)	383.7 x 460.2 x 15.9 mm Equivalent to standard 14 x17" cassette			
Charging Time Empty to Full	30 minutes with battery charger			
Operating Time	2 hours typ. at 60 images/ hour			
Battery Life Cycle	Same as the product life cycle			
Battery Charger:				
Power	100/110/115/120/200/230/240 VAC			
Weight	7.2 kg or less			
Dimensions (W x D x H)	560 x 250 x 153mm			
Note: necessary hardware and software interface for detector integration with x-ray system must be quoted DR price.				
LASER IMAGER:				
Model / Cat. No.				
Make:				
Sole Agent Exclusively for Pakistan (Yes / No)				
TO BE USED WITH DR				
Laser Source : Semiconductor Laser				
Film Size : 14" x 17" (35x43cm) 14" x 14" (35x35cm) 11" x 14" (28x35cm), 10"x12" and 8"x10"				
Film : Dry Image Recording Film				
Image Memory: Print Memory: (64MB/Standard)				
Image Data Input : 12-Bits/8-Bits.				
Output Gradation : 16384 Levels (14-Bits)				
Image Mode : Pixel Replication/Function Interpolation Process				
Protocol : DICOM Print Management				
Resolution : 25µm or better.				
Image format : 1,2,4,6,8,9,12,15,16,20,24,25,30,35,36,42,48,54,60,63,64				
Pixel Size : 78.6µm(320dpi)				
External Connection : Connection to external computer (Console)				
Image Mode : Pixel Replication /Function interpolation process				
Processing Capability : More than 90sheets/hr				
Printer should have 2 simultaneous feed plates of size 14x7, 8x10 or 10x12 inches				
Density connectivity : Automatic via builtin densitometer				
Image mode: Pixel replication / function interpolation process				
First printing time: Less than 50 sec.				
Input Interface : Ether 10base-T / 100 base TX / 100/base-T				
QUALITY AND SAFETY STANDARDS:				
MDD(CE) Compliance /FDA approval				
TRUE SINE WAVE ON LINE UPS:				
• Ups should be provided which should support complete DR System and printer with minimum 10 minutes backup time on full load.				
NOTE: vendor should have supplied and installed wireless DR Detectors in private and Govt:				

institutions in Pakistan. Vendor should have exclusive distributor ship for last 10 years. Only sole distributors having evidence of DR Detector and printer supply in Pakistan should quote, otherwise offer will be rejected.

With all standard accessories as per our requirement.

FDA/CE/JIS approved model:

Country of Manufacturer: U.S.A, Japan, EU.

Delivery Period

Warranty

Training: origin / other details:





**TERMS AND CONDITION OF TENDER FOR PURCHASE OF COMPUTER
HARDWARE FOR N.I.C.H., KARACHI, FOR THE YEAR 2017-18.**

- | | | |
|--------------------------------|---|--|
| 1. Cost of the Tender is | : | Rs.500/= (None Refundable) |
| 2. Tender selling date is from | : | 06-02-2018 to 20-02-2018 |
| 3. Tender submission date is | : | 21-02-2018 from 09:00 am to 11:30 am |
| 4. Tender will be opened on | : | 21-02-2018 at 12:30 pm |
| | : | Participants. in the Conference Room, NICH |

NOTE: - READ THE TERMS AND CONDITIONS CAREFULLY:

Sealed tenders are invited for Purchase of Computer. National Institute of Child Health, Karachi, as per terms and conditions detailed out in the following paragraphs, from interested

Firms fulfilling qualifying criteria mentioned below:

Quotations should be submitted in two separate sealed covers. First cover indicating "COVER FOR TECHNICAL SPECIFICATION" should consist of details of services offered. In this cover, vendor are also required to submit a confirmation that they confirm acceptance of SLA referred below of this enquiry. Price column in this cover should be kept blank. Second cover indicating "COVER FOR PRICE BID" should consist of only price details in the price bid format. Both the covers should first be sealed separately, and then both the covers should be kept in a single sealed bigger cover. This cover addressed by name to the officer signing this enquiry should be submitted before due date and time.

GENERAL TERMS & CONDITIONS

1. Computer Equipment (Hardware) Make & Model/Software Version must be clearly stated by the bidder in both the bids technical and commercial.
2. Only authorized dealers/channel partners can participate the tender. The bidder has to submit a certificate of their authorized dealership/channel partnership issued.
3. The equipment / item / software to be supplied should be supported by a Service / Support centre manned by the technical service / support engineers authorized.
4. The qualified bidder shall supply all the spares and accessories for installation & commissioning, as may be required during erection. initial operation of the facility till successful commissioning at NICH. The bidder will have to arrange/provide for all the testing equipment & tools required for successful installation, testing & acceptance



- maintenance etc.
5. The Bidders should give clause-by-clause compliance for the detailed technical specification of the equipments/Tools in their technical bids (Compliance Sheet) Compliance of all the terms & conditions, as stated in the Tender document, should also be given. Even one "No" in any clause of compliance may lead to rejection of the bid.
 6. Deviation on lower side of specifications will not be considered. No deviations in terms & conditions of the tender document will be accepted in any case. complete technical literature for each of the quoted item along with make, model number, specifications, configurations, product brochures, etc. of the systems / software / equipment highlighting the special features of their offer should be supplied by the bidder along with the quotation / technical bid.
 7. A certificate on company letterhead, stating that the bidder hasn't been taken **blacklisted** by any institution/organization/society/company of the Central/State Government ministry/department, or its public sector organizations during the last three years, with company stamp and signed by authorized signatory should also be submitted.
 8. The bidder should have adequate facilities, trained manpower and staff for installation, commissioning and providing maintenance support service after the sales of the equipment in Karachi, or anywhere of Pakistan.
 9. The Bidder will deploy their own manpower for the installation/integration of the equipment and should not be outsourced to any third party.
 10. For a bidder, who has submitted the tender bids. It will be automatically assumed that he had accepted all the terms and conditions of the tender. **A statement specifying that the bids are strictly as per the terms and conditions of the tender, should be enclosed with the bids. No request for deviation in the terms and conditions of the tender will be entertained. If there is any deviation from the tender or the tenderer has submitted conditional bids, the bid will be summarily rejected.**
 11. Bids should be valid for a minimum period of 90 days after the closing the submission of bids. In case of untoward delay, if any, tenderers may be requested by NICH to submit their willingness in writing to extend the validity of the bids for the requested period.
 12. Taxes if any shall be paid as applicable.
 13. The registration number of the firm along with the GST/VAT/I.T No. allotted by the sales tax department, as well as the firm allotted by the income tax department should be submitted. Failing which bidder's bid may be rejected. The bidder should be registered with Service Tax Department of the Government of Sindh and copy of the valid Service

Tax Registration No. should also be enclosed.

14. Bids should be submitted in two separate covers. First cover, marked "TECHNICAL BID", should consist of the technical specifications of the items offered along with the supporting literature, brochures, drawings, names of the supplier / manufacturer standard warranty period as offered and commercial terms, etc. Also, the bidder must mark clearly as "Not Quoted" against the annexure for which items are not being offered. Tender Fee & Earnest Money Deposit (EMD) should also be submitted in this cover.
15. Second cover, marked "FINANCIAL BID", should consist of the competitive rates quoted by the bidder as per Financial Bid Format at Annexure and the quotes should be kept in a single sealed bigger cover. This cover should be submitted before the closing date and time of tender bids submission to the official at the address given below:
16. The cover for the bids should bear the following inscription along with the items for which the bid is being submitted:
17. The Bids must be submitted on or before the due date, i.e., 21-Feb-2018 10:30 A.M). Bids, received after the due date and time are liable to be rejected. In the unlikely event of our office closed on the closing date of the tender due to being a holiday or declared holiday, the closing date for submission of the bids will be on the following working day at the same time & venue. "Technical Bid" covers of all the Bids received by the closing time will be opened on the same day, i.e. on 21-Feb-2018 at 11:30 A.M. Parties participating in the bid are requested to be present during the opening of bids.
18. Tenderer is duty bound to observe all the Laws, Rules, Regulations, Policies. Procedures and Guidelines of the SPPRA rules 2010.
19. NICH reserves the right to accept or reject any bid or cancel tender subject to the relevant provision of SPPRA Rules 2010.
20. NICH reserves the right to change (increase/decrease) the quantity of items to be procured or to place Purchase Order for the selected items only, that is, some of the items may be omitted from procurement in entirety.
21. Incomplete Bids are liable to be rejected.
22. All the pages and write-up/documents forwarded with the bids should be sequentially numbered and shall be signed by authorized signatory with organization's rubber stamp.
23. In case of any discrepancy between rates mentioned in figures and words, the latter shall prevail.
24. Conditional tenders, on whatsoever ground, shall not be accepted and shall be summarily rejected.





25. Any attempt of direct or indirect negotiation on the part of the tenderer with the authority to whom tender bids are to be submitted; or with the authority who is competent to finally accept it after the submission of the tender; or any other endeavor to secure any interest or any influence by the tenderer by any means for acceptance of a particular tender will render the tenderer liable to be excluded from consideration.
26. The rates are to be quoted by the bidders in Pakistani Rupees only and payment shall be made to successful bidders in Pakistani Rupees only. Any statutory applicable taxes such as Sales Tax, VAT, Service Tax, etc. should be mentioned separately in the Financial Bid. However quote should be inclusive of all other levies, statutory taxes and charges such as Packaging & Forwarding charges etc. and should be delivered at the premises, NICH, Karachi. All prices shall be fixed and shall not be subject to escalation of any description. The rates must be quoted strictly as per the "Financial Bid Format" provided in Annexure.
27. **SUPPLY**
- All the items will be supplied & inspection and installation by bidder. All the expenses involved in shipping the equipment will be borne by the Bidder. All aspects of safe delivery shall be the exclusive responsibility of the Bidder. NICH will have the right to reject the component/equipments supplied, if it does not comply with the specifications at any point of installation/inspections.
28. **INSPECTION**
- NICH or its representative shall have the right to inspect or to test the items to confirm their conformity to the ordered specifications. The supplier shall provide all reasonable facilities and assistance to the inspector at no charge to NICH. In case any inspected or tested goods fail to conform to the specifications, NICH may reject them and supplier shall either replace the rejected goods or make all alterations necessary to meet specification required free of cost to NICH.
29. **EARNEST MONEY DEPOSIT (EMD):** The bid must be accompanied by an Earnest Money Deposit 2.5% of the quoted value in the form of a Demand Draft drawn in favour of Director, NICH, Karachi. EMD should be valid for a minimum period of 90 days from the closing date (original) of the tender. BIDS received without EMD are liable to be rejected.
30. **Forfeiture of EMD:** The EMD will be forfeited under the condition:
- If the tenderer withdraws or amend, impairs or derogates from the tender in any respect within the period of validity of the tender.
 - If the bidder withdraws the bid before the expiry of the validity period of 90 days of



- the bid or within the time frame of extension given by NICH in special case communicated before the expiry of the bid or bid validity period.
- (c) If the selected bidder fails to execute agreement in prescribed format and furnish the bank guarantee within the prescribed time.

31. Return of EMD:

- (a) The earnest money of all the unsuccessful tenderers will be returned as early as possible after the expiration of the period of the bid validity but not later than 30 days of the issue of the purchase order. No interest will be paid by NICH on the Earnest Money Deposit.
- (b) The Earnest Money of successful bidder shall be returned after acceptance of the material subject to submission of Performance Bank Guarantee of the amount equivalent to 10% of the total price of the items supplied as per the purchase order placed.

32. The Financial Bids of only technically qualified bidders will be opened in the presence of their representatives on a specified date and time duly notified. The financial bids will then be passed on to a duly constituted Financial Evaluation Committee (FEC) for evaluation. If NICH considers necessary, revised Financial Bids can be called from the technically shortlisted Bidders, before opening the original Financial Bids. In that case, the revised bids should not be higher than the original bids; otherwise the bid will be rejected & EMD will be forfeited of such defaulting bidders.

33. EVALUATION CRITERIA

Shall be evaluated category-wise/annexure wise on total amount inclusive of taxes as mentioned in the Financial Bid Format.

34. On Site WARRANTY Maintenance

The warranty period for the systems shall be taken into account as per the "Warranty Requirement mentioned in the Technical Specification" from the date of completion of supply of products, its successful installation/commissioning and acceptance by NICH, including free spare parts, kits etc, whichever is later.

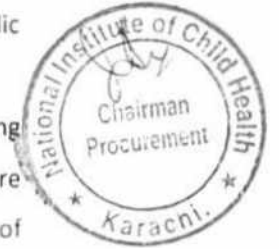
During warranty period, besides service/maintenance of Hardware and its peripherals and System Software, Server and all driver software up gradation, installing patches and services shall also be provided at no extra cost.

The vendor should fulfill the following conditions during warranty period:

- (a) Any failure in the system or a subsystem thereof should be rectified within maximum period of 60 hours of lodging complaint at State Capitals and Sites with-public air-transport facilities. Normal transit time not exceeding 24 hours additionally will be

allowed if the Site happens to be other than State Capital and Sites without public air-transport facilities.

- (b) Any system, failing at subsystem level at least three times in three months, displaying chronic system design or manufacturing defects or Quality Control problem or where the penalty amount on account of downtime for three months has crossed 15.0% of the system value, will be totally replaced by the Vendor at his cost and risk within 30 days, from the date of last failure.



35. DELIVERY:

All aspects of safe delivery shall be the exclusive responsibility of the Vendor. At the destination Site, the cartons will be opened only in the presence of nominated Officer identified by Director, NICH, Participated member & representative of ministry and Vendor's representative and the intact position of the Seal for not being tampered with, shall form the basis for receipt in good condition.

The delivery of the items must be made within (01) week of placement of the purchase order. Any delay by the supplier in the performance of delivery of items shall render the supplier liable to any or all of the following sanctions - forfeiture of its Earnest Money Deposit, imposition of liquidated damage as per the respective Clause (next) or / and cancellation of the purchase order for being defaulter.

Vendor must apply to the respective authority for issue of road permit /waybill in time.

Delays on account of getting relevant permits shall not make vendors eligible for waiver of penalties.

Delivery Challan needs to be signed and stamped on completion of delivery of items. In case any discrepancy with regard to sign, stamp or date etc on above delivery challan, a mail from concern user may be treated as delivery challan.

The Vendor should install all the items at specified site without any additional charge.

36. LIQUIDATED DAMAGES: If the supplier fails to either deliver any or all of the goods or do not complete the installation within the period as specified in the purchase order, NICH shall without any prejudice to its other remedies, deduct liquidated damage at the rate of one per cent (1%) of the quoted price for the delayed goods for every week or part thereof

subject to a maximum of 15% of the contract value.

37. PAYMENT :

- (a) A pre-receipted bill in triplicate in the name of NICH duly supported by purchase order. Delivery Challan, Inspection / Acceptance Certificate after installation, commissioning and testing of the items at site should be submitted to NICH for processing of the documents for making the payment.
- (b) Bills for payment of 100% of the payment would be released on receipt of pre-receipted bill in triplicate after delivery and satisfactory completion of installation. Commissioning, testing and acceptance of the equipment, if the firm submits the Bank Guarantee for Performance Security Deposit of the amount equivalent to 5% of the quoted price, which should be valid for the duration of the standard warranty period.

38. PERFORMANCE SECURITY:

- (a) Successful bidders shall submit a Performance Security Deposit of 5% of the cost of the equipment Within 03 days of the placement of purchase order.
- (b) The Performance Security should be in the form of Bank Guarantee/Pay Order by any Pakistani Bank.
- (c) The Bank Guarantee should be valid for the duration of the warranty period.
- (d) In case, supplier either fails to deliver the items within delivery period or do not provide satisfactory maintenance service during the warranty period, the Performance Security submitted by the firm is liable to be forfeited.
- (e) Performance Security shall be released immediately after the warranty period is over.
- (f) The proceeds of the Performance Security deposit shall be payable to the Purchaser as compensation for any loss (including loss of opportunity, time or cost) resulting from the Supplier's /Bidder's failure to comply with its obligations under the Contract.
- (g) No interest will be paid by NICH on the Performance Security.



39. TENDER ELIGIBILITY

- a) *Tender Purchase Receipt in Original.*
- b) *Earnest Money as per tender condition.*
- c) *Income Tax Certificate.*
- d) *GST Registration Certificate.*
- e) *A Photostat copy of the national Identity Card.*
- f) *Valid Agency Authorization Certificate / Agreement.*
- g) *Original Terms and Conditions of the Tender duly signed by the Supplier that they have to abide by all the above mentioned terms and conditions.*
- h) *List of Hospitals / Institutes where these type of equipment, they have supplied.*
- i) *List of Trained / Skilled Personnel and Equipment available in their workshop for the facility of Service / Maintenance & Complete Profile of the Company.*
- j) *Certificate that the price quoted to NICH, Karachi, are not more than the price quoted to any Government / Semi Government / Autonomous Department.*
- k) *Bank Statement of last SIX months.*
- l) *A Certificate that the firm will abide all terms and conditions of the tender.*



CERTIFICATE

Certified that all terms and conditions mentioned in the tender are the acceptable and will abide them strictly



Signature : _____

Name : _____

Address : _____

Telephone No :

WITNESS: 1) _____

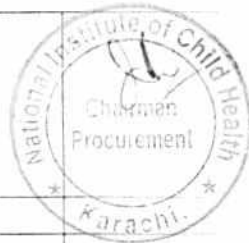
WITNESS: 2) _____

NO: ADMN/2017-18/ 428/NICH
 GOVERNMENT OF SINDH
 NATIONAL INSTITUTE OF CHILD HEALTH
 KARACHI-75510.



TENDER FOR PURCHASE OF COMPUTERS, FOR NICH, FOR THE YEAR 2016-2017

S No.	NAME / SPECIFICATION OF COMPUTER HARDWARE	Yes / no / put desired value	Req Qty	Rate	Amount
1.	BRANDED DESKTOP COMPUTER:		04		
	Model / Cat. No.				
	Make:				
	Sole Agent Exclusively for Pakistan (Yes / No)				
	PROCESSOR. Intel 7 th generation core Intel Core-i7-7700 with Intel HD Graphics 630 (3.6 GHz base frequency, up to 4.2 GHz with Intel Turbo Boost Technology, 8 MB cache, 4 cores)				
	MOTHERBOARD. Intel 7 th generation core i7 supported				
	MEMORY. 8 GB DDR4-2400 SDRAM				
	HARD DRIVE. 1 TB SATA				
	OPTICAL DRIVE. DVD RW Drive				
	NETWORK: LAN and wireless cards				
	CASING. Tower/Desktop Casing				
	Display: LED 18.5"				
	KEYBOARD Multimedia				
	MOUSE. USB, Optical				
	Delivery period.				
	Warranty.				
2.	LASER JET PRINTER FOR COMPUTERS:		04		
	Model / Cat. No.				
	Make:				
	Sole Agent Exclusively for Pakistan (Yes / No)				
	Laser Jet printer with wifi support				
	Print speed black: Normal: Up to 19 ppm				
	Print quality black (best):Up to 600 x 600 x 2 dpi				
	Processor speed: 266 MHz or higher				
3.	BRANDED SERVER MACHINE:		01		
	Model / Cat. No.				
	Make:				
	Sole Agent Exclusively for Pakistan (Yes / No)				
	Processor: Intel Xeon E5-2600 series v4 x 2				
	Chipset: Intel C610 series / equivalent				
	Memory: 64GB (32 x 2) DIMM DDR4				
	HDD: 1 TB SATA x 2 (1+1).				
	RAID Controller: PERC H310 Integrated				
	ODD: 16X DVD-RW SATA				
	Network Controller: 2 x 1GB LAN, and Wifi				
	PSU: Dual Hot-plug (1+1) 495W				
	DISPLAY: 18.5" LED				
	CHASSES: Tower.				
	KEYBOARD: wireless blue tooth Standard Multimedia keyboard				



	<p>Mouse: wireless blue tooth Mouse OS: Windows 2012 server installed with installation CD. Power: Titanium efficiency 750W AC power supply Gold efficiency 1100W DC power supply Platinum efficiency 495W, 750W, 1100W or 1600W AC power supply</p>			
4.	COLOR LASER JET PRINTER (PRINTER / SCANNER / COPIER)		01	
	Model / Cat. No.			
	Make:			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	Print speed black: Up to 16 ppm			
	Print speed color: Up to 4 ppm			
	Print quality black (best): Up to 600 x 600 dpi quality			
	Print quality color (best): Up to 600 x 600 dpi quality			
	Memory : 128 MB			
5.	Scanner (Sheet – Feed)		03	
	Model / Cat. No.			
	Make:			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	Scanner type: Sheetfed			
	Scan resolution, Up to 600 dpi (color and monochrome, sheet-feed)			
	Scan file format: For text and images: PDF, JPEG, PNG, BMP, TIFF, TXT (Text), RTF (Rich Text) and searchable PDF			
6.	Wifi Router (Wireless Dual Band Gigabit ADSL2+ Modem Router)		04	
	Model / Cat. No.			
	Make:			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	Simultaneous 2.4GHz 300Mbps and 5GHz 867Mbps connections			
	Interface: 1=10/100/1000Mbps RJ45 WAN/LAN Port 3=10/100/1000Mbps RJ45 LAN Ports 1=RJ11 Port 2=USB 2.0 Ports			
	Wireless speed: 5GHz: Up to 867Mbps 2.4GHz: Up to 300Mbps			
7.	LASER JET PRINTER (black) (PRINTER / SCANNER / COPIER)		01	
	Model / Cat. No.			
	Make:			
	Sole Agent Exclusively for Pakistan (Yes / No)			
	Print speed black: Up to 22 ppm			
	Print quality black (best): Up to 600 x 600 dpi			
	Memory : 128 MB			
	Processor: 600 MHz			