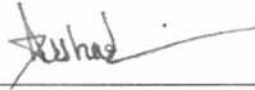

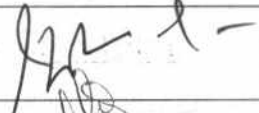




GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Dated: 19<sup>th</sup> January 2017

**TENDER (# 09) FOR PURCHASE OF PLANT & MACHINERY/EQUIPMENT(SNE)  
FOR N.I.C.H., KARACHI FOR THE YEAR 2016 - 17**

**ATTENDANCE SHEET FOR MEMBERS FOR OPINING OF TECHNICAL BIDS**




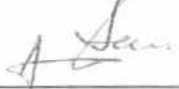


01	Dr. Arshad Hussain Domki	Deputy Director, NICH/Chairman	
02	Prof. Khemchand N Moorani	Professor, JSMU/Member	
03	Dr. Muhammad Yaqoob	Medical Officer, NICH/Member	
04	Mr. Majid Ali Memon	Senior Equipment Engineer, NICH/Member	
05	Additional/Deputy Secretary	Representative from Health Department (PM&I) Govt. of Sindh/Member	
06	Mr. Muhammad Wasiullah	Representative from Accountant General Sindh Govt. of Sindh/Member	
07	Mr. Manzoor Ali Siyal	Representative from Deputy Commissioner (South) Karachi/Member	

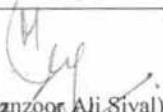
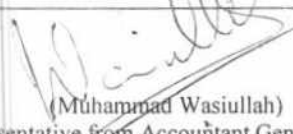
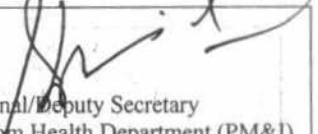
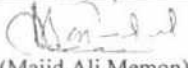

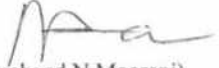
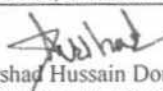
GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Dated 19<sup>th</sup> January 2016

**TENDER (#.09) FOR PURCHASE OF PLANT & MACHINERY/EQUIPMENT  
FOR N.I.C.H., KARACHI FOR THE YEAR 2016 - 17**

**ATTENDANCE SHEET FOR OPENING OF TECHNICAL BIDS**

S.No	Company Name	Representative Name	Signature
1.	M/s. Medequipz Pvt	A. Ullah	
2.	M/s. Medicine Technologies Pvt. Ltd. WAKAS		
3.	M/s. TechAccess Pvt	Bilal Samad	
4.	M/s. B.I.T.S	Arshad/Bilal	
5.	M/s. Technology Links	Medeen Sultan	
6.	M/s. T.K. Medical	Atif Yousaf	
7.	M/s.		
8.	M/s.		







 (Mr. Manzoor Ali Siyal) Representative from Deputy Commissioner Karachi (South) / Member	 (Muhammad Wasiullah) Representative from Accountant General Sindh Govt. of Sindh, Karachi / Member	 Additional/Deputy Secretary Representative from Health Department (PM&I) Govt. of Sindh, Karachi / Member
 (Majid Ali Memon) Senior Hospital Equipment Engineer NICH, Karachi / Member	 (Dr. Muhammad Yaqoob) Medical Officer, NICH, Karachi / Member	 (Prof. Khemchand N Moorani) Professor, JSMU, Karachi / Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman Procurement		

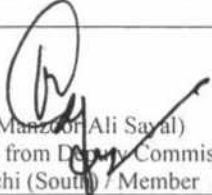
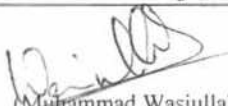
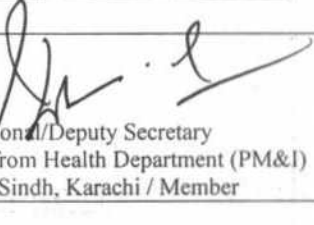
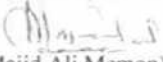
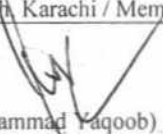

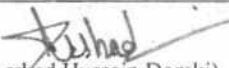
GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Dated: 19<sup>th</sup> January 2017

**TENDER (#.09) FOR PURCHASE OF PLANT & MACHINERY/EQUIPMENT  
FOR N.I.C.H. KARACHI FOR THE YEAR 2016 - 17**

**ATTENDANCE SHEET FOR SUBMISSION OF TENDER BIDS**

S. No	Company Name	Representative Name	Signature
1.	M/s. Mechie technologies	FARRUQH	
2.	M/s. Medavaps SMC	A. Waheed	
3.	M/s. Tech Access Intl	Bilal Samad	
4.	M/s. BIOS	Arshad Baitly	
5.	M/s. Technology Link	Meteem Sultan	
6.	M/s. T.K. Medical	AHJ	
7.	M/s.		
8.	M/s.		
9.	M/s.		
10.	M/s.		

 (Mr. Manzoor Ali Sayal) Representative from Deputy Commissioner Karachi (South) / Member	 (Muhammad Wasiullah) Representative from Accountant General Sindh Govt: of Sindh, Karachi / Member	 Additional/Deputy Secretary Representative from Health Department (PM&I) Govt: of Sindh, Karachi / Member
 (Majid Ali Memon) Senior Hospital Equipment Engineer NICH, Karachi / Member	 (Dr. Muhammad Yaqoob) Medical Officer, NICH, Karachi / Member	 (Prof. Khemchand N Moorani) Professor, JSMU, Karachi / Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman Procurement		

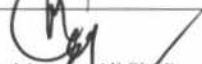

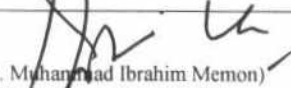



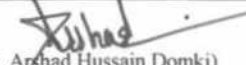
GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

Item #. **01** Name of Item: **Laundry Washing Machine:**

S No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS:	T.K Medical Instruments	Tech Access International	Medline Technologies
1.	<b>LAUNDRY WASHING MACHINE:</b>	-	-	-
	Model / Cat. No.	WL 55	HEW-40	GX-50
	Make:	ITALCLEAN	Local	TAIZHOU TONGHANG
	Sole Agent Exclusively for Pakistan (Yes / No)	Yes	No	Yes
	<b>Specification:-</b>	-	-	-
	Capacity 50 KG (150 Cloths)	Yes	Yes	Yes
	Side Plate: 5mm (Stainless Steel 304)	Yes	Yes	4mm
	Inner Cylinder dimension 30 x 52 (Stainless Steel 304 16 Gage)	Yes	Yes	800 x 980mm
	Outer Cylinder dimension 36 x 52 (Stainless Steel 304 16 Gage)	Yes	Yes	800 x 980mm
	Inner drum shaft 57mm (Stainless Steel 304)	Yes	Yes	45mm
	Inner basket plate 6mm (Stainless Steel 304)	Yes	Yes	4mm
	Motor: 2HP	Yes	Yes	Yes
	Automatic reverse and forward panel	Yes	Yes	Yes
	Drum hole: 10mm	Yes	Yes	6mm
	Flam burner: 32 mm (Stainless Steel 304)	Yes	Yes	Heater
	Water consumption: 400 Litter	Yes	Yes	Yes
	Steam: 60 KG (85-100/LBS/INZ) (656 KG/cm)	Yes	Yes	Yes
	Water heat up: 5-10 min (20c -70c)	Yes	Yes	Yes
	With all standard accessories as per our requirement.	Yes	Yes	Yes
	FDA/CE/JIS approved model:	CE	No	CE
	Country of Manufacturer: U.S.A, Japan, EU or equivalent.	Italy	Local	China
	Delivery Period	As per tender requirement	As per tender requirement	As per tender requirement
	Warranty	As per tender requirement	As per tender requirement	As per tender requirement

 (Mr. Manzoor Ali Sihal) Assistant Commissioner Saddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqub) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
	 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement	

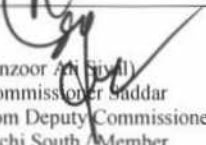
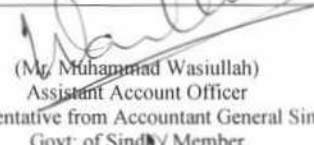
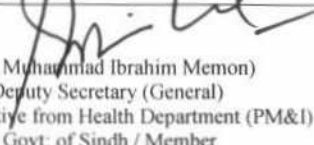




GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

Item #. **02** Name of Item: **Laundry DRYER:**

S No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS:	T.K Medical Instruments	Medline Technologies
2.	<b>LAUNDRY DRYER :</b>	-	-
	Model / Cat. No.	S-120	SW A801-100
	Make:	ITALCLEAN	TAIZHOU TONGJIANG PRJ
	Sole Agent Exclusively for Pakistan (Yes / No)	-	-
	<b>Specification:-</b>	Yes	Yes
	Capacity: 90KG (300 Cloths)	Yes	100KG 333 Clothes
	Side Plate: 6mm (Stainless Steel 304)	Yes	4mm
	Inner Cylinder dimension 38 x 54 (Stainless Steel 304 16 Gage)	Yes	1100 x 13.20 mm
	Outer Cylinder dimension 44 x 60 (Stainless Steel 304 16 Gage)	Yes	1180 x 1400 mm
	Motor: 5HP	Yes	5.9HP
	Inner cylinder shaft 60mm (Stainless Steel 304)	Yes	75 mm
	Flam burner: 32 mm (Stainless Steel 304)	Yes	Heater
	Drum hole: 10mm	Yes	8 mm
	Automatic reverse and forward panel	Yes	Yes
	Water consumption: 650 Litter	Yes	Yes
	Steam: 90 KG (85-100)	Yes	Yes
	Water heat up: 5-10 min (20c -70c)	Yes	Yes
	With all standard accessories as per our requirement.	Yes	Yes
	FDA/CE/JIS approved model:	CE	CE
	Country of Manufacturer: U.S.A, Japan, EU or equivalent.	Italy	China
	Delivery Period	As per tender requirement	As per tender requirement
	Warranty	As per tender requirement	As per tender requirement

 (Mr. Manzoor Ali Siddiqi) Assistant Commissioner Suddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH/ Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

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

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

Item #. **03** Name of Item: **32-CHANNELS EEG MACHINE:**

S No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS:	Medequips S.M.C	Bios	Medline Technologies
3.	<b>32-CHANNELS EEG MACHINE:</b>	-	-	-
	Model / Cat. No.	1200J/K	NEUROWERK 34	B Q 3200 ACQ Clinic
	Make:	NIHON KOHDEN	SIGMA	MIRCROMED SPA
	Sole Agent Exclusively for Pakistan (Yes / No)	Yes	Yes	Yes
	• Pre configured EEG Machine.	Yes	Yes	Yes
	• PC based system with Windows operating system and inbuilt patient centric database.	Yes	Yes	-
	• Capable to acquire higher number of EEG channels (64, 128, 256 etc.) for advanced EEG applications.	Yes	100 Channels	-
	• Predefined and user configurable montages.	Yes	Yes	-
	• Remote review and reporting capability of stored EEG exams via LAN.	Yes-	Yes	Yes
	• Archival of recorded exams/reports with EEG reviewer to CD/DVD.	Yes-	Yes	Yes
	• Printing of reports on heavy duty HP laser printer.	Yes	Yes	-
	• Ethernet LAN connectivity.	Yes-	Yes	Yes
	• SpO2	Yes	Yes	-
	• DC Outputs: 2 or better.	Yes-	Yes	Yes
	<b>EEG Amplifier:</b>	Yes	Yes	-
	• A minimum 32 or more EEG channels to enable standard 10-20 EEG and additional clinical information.	Yes	Yes	-
	• Input impedance: 180 MΩ. or better	Yes	Yes	-
	• Internal noise level: Less than 1.5 μVp-p or better	Yes	Yes	-
	• CMRR: 100 dB or greater	Yes	Yes	-
	• Low-cut filter: 0.08 Hz	Yes	Yes	-
	• A/D conversion: 16 bits or more	Yes	Yes	Yes
	(Mr. Manzoor Ali Siva) Assistant Commissioner Representative from Deputy Commissioner Karachi South / Member	(Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	(Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member	
	(Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	(Dr. Muhammad Yaqoob) Medical officer NICH / Member	(Prof. Khemchand N Moorani) Professor, JSMU / Member	
		(Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

No proper data mentioned  
No installation in Pakistan  
No trained engineering backup for EEG machine

GOVERNMENT OF SINDH  
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Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

• Sampling frequency: 800 Hz or more	Yes	Yes	-
• AC interference filter: 50 or 60 Hz.	Yes	Yes	-
• Sensitivity: EEG INPUT: Off, 1, 2, 3 (2.5), 5, 7, 10, 15, 20, 30, 50, 75, 100, 150, 200 $\mu$ V/mm DC INPUT: Off, 10, 15, 20, 30, 50, 70, 100, 150, 200 mV/mm	Yes	Yes	-
• Ethernet/USB connectivity.	Yes	Yes	-
• Impedance check capability	Yes	Yes	-
<b>Photoc Stimulator:</b>	Yes	Yes	-
• LED Photoc Stimulator with adjustable arm.	Yes	Yes	-
• Adjustable stimulation frequency (1-60HZ) in 1Hz steps	Yes	Yes	-
<b>Standard Accessories:</b>	-	-	-
1. Electric junction box..	Yes	Yes	-
2. Photoc stimulator..	Yes	Yes	-
3. Flash lamp assembly.	Yes	Yes	Yes
4. Collodion eeg electrode.	Yes	Yes	-
5. Earlobe electrode.	Yes	Yes	-
6. ECG lead wire.	Yes	Yes	-
7. Clip on limb electrode.	Yes	Yes	-
8. EEG Electrodes (10mm gold plated 30)	Yes	Yes	-
9. Conductive Paste (02 Jar)	Yes	Yes	-
10. Abrasive cream (02) Tubes	Yes	Yes	-
11. Heavy Duty HP Laser Printer (01)	Yes	Yes	-
12. 1KVA or Compatible online UPS	Yes	Yes	-
13. Local Cart.	Yes	Yes	-
(Mr. Manzoor Ali Saad) Assistant Commissioner Sudder Representative from Deputy Commissioner Karachi South / Member	(Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	(Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member	
(Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	(Dr. Muhammad Yaqoob) Medical officer NICH / Member	(Prof. Khemchand N Moorani) Professor, JSMU/Member	
	(Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

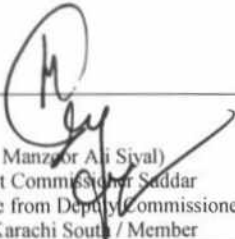

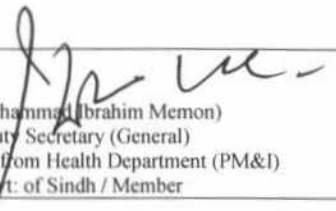
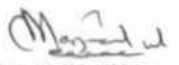
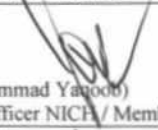


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NATIONAL INSTITUTE OF CHILD HEALTH  
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Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

14.	21 inches LCD Display.	Yes	Yes	No
	The Equipment must be CE marked (MDD/CE Certificate) OR FDA 510K approved OR (MHLW)	Yes	Yes	-
	With all standard accessories as per our requirement.	Yes	Yes	Yes
	<b>Optional:</b>	-	Yes	-
	• original electrically isolated mobile cart with Isolation Transformer and Arm	Yes	Yes	-
	FDA/CE/JIS approved model:	CE	CE	CE
	Country of Manufacturer: U.S.A, Japan, EU or equivalent.	Japan	Germany	Italy
	Delivery Period	As per tender requirement	As per tender requirement	As per tender requirement
	Warranty	As per tender requirement	As per tender requirement	As per tender requirement
	training: origin / other details:	As per tender requirement	As per tender requirement	As per tender requirement

/

 (Mr. Manzoor Ali Syal) Assistant Commissioner Sudder Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
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GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
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Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

Item #. **04** Name of Item: **2-CHANNEL COMPUTERIZED E.M.G. /EP (UPGRADABLE UPTO 4 CHANNEL):**

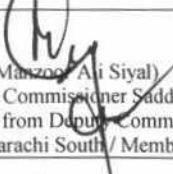
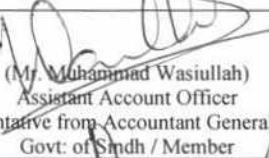
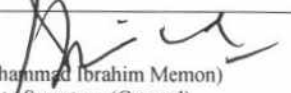
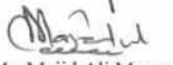



S No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS:	Medequips S.M.C	Bios	Medline Technologies
4.	<b>2-CHANNEL COMPUTERIZED E.M.G. /EP (UPGRADABLE UPTO 4 CHANNEL)</b>	-	-	-
	Model / Cat. No.	MEB-9400K	EMG2	MYOQUICK 1200M
	Make:	NIHON KOHDEN	SIGMA	MICROMED SPA
	Sole Agent Exclusively for Pakistan (Yes / No)	Yes	Yes	Yes
	COMPUTERIZED EMG ALONGWITH NERVE CONDITION STUDIES INCLUDING "MCS, SCS, REPETITIVE STIMULATION, F-WAVE, H-REFLEX, BLINK REFLEX", EVOKED POTENTIAL INCLUDING "SOMATOSENSORY EVOKED POTENTIALS, AUDITORY EVOKED POTENTIALS, VISUAL EVOKED POTENTIALS", 2-CHANNEL JUNCTION BOX.	Yes	Yes	-
	Amplifiers:	Yes	Yes	-
	• Number of channels: 2	Yes	Yes	-
	• Input impedance: 200 MΩ ±10% (Differential mode), ≥ 1000 MΩ (Common mode)	Yes	> 100 MΩ	Yes
	• Noise: < 0.6 μVrms at 1 Hz to 10 kHz or better	Yes	<1 μV @ 1-20 KHz	-
	• Common mode rejection ratio: ≥ 106 dB (Balanced mode), 112 dB (Isolation mode)	Yes	> 100dB	-
	• Sensitivity: 1, 2, 5, 10, 20, 50, 100, 200, 500 μV/div, 1, 2, 5, 10 mV/div ±5%	Yes	Yes	-
	• Low-cut filter: 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500 Hz, 1, 2, 3 kHz at 6db/oct (±20%)	Yes	Yes	-
	• High-cut filter: Channel : 10, 20, 50, 100, 200, 500 Hz, 1, 1.5, 2, 3, 5, 10, 20 kHz at 6db/oct (±20%)	Yes	Yes	-
	• AC interference notch filter: 50 or 60 Hz (Rejection ratio: < 1/20)	Yes	Yes	-
	• Reset: Available	Yes	Yes	-
	Skin-electrode contact impedance check: 2, 5, 10, 20 kΩ indication (within ±20%).	Yes	Yes	-
	• Amplitude calibration: 1, 10, 100 μV, 1, 10 mV (within ±5%)	Yes	Yes	-
				- No proper data mentioned - No installation in Pakistan - No trained engineering backup for E.M.G Machine
	(Mr. Manzoor Ali Siyal) Assistant Commissioner Sadder Representative from Deputy Commissioner Karachi South / Member	(Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	(Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member	
	(Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	(Dr. Muhammad Yaqoob) Medical officer NICH / Member	(Prof. Khemchand N Moorani) Professor, JSMU/Member	
		(Dr. Arshad Hussain Domki) Deputy Director / NICH / Chairman Procurement		

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

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

AVERAGER:	Yes	Yes	-
• A/D converter: 16 bits or better	Yes	Yes	-
• Monitor time base: 5, 10, 20, 30, 50 ms/div, 0.1, 0.2, 0.5, 1 s/div (within ±5%)	Yes	Yes	-
• Conversion speed: 10 µs/channel max.	Yes	Yes	-
• Analysis time base: 0.1, 0.2, 0.5, 1, 2, 3, 5, 10, 20, 30, 50 ms/div, 0.1, 0.2, 0.5, 1 s/div (within ±5%)	Yes	Yes	-
• Number of averages: 1 to 9999.	Yes	Yes	-
• Artifact reject inhibit range: ±1 to ±5 div in 0.1 div steps on screen or Off.	Yes	Yes	-
STIMULATOR COMMON FUNCTIONS TRIGGERS.	Yes	Yes	-
• Trigger mode: Recurrent, Random, Foot switch, Single External, Somato 1,	Yes	Yes	-
• Trigger wave mode: Single, Double, Train.	Yes	Yes	-
• Stimulation rate: 0.1 to 100 Hz in 0.1 Hz steps (witin 5%),	Yes	Yes	-
ELECTRIC STIMULATORS:	Yes	Yes	-
• Stimulation intensity: 0.1 to 100mA (in 0.1, 0.2 or 1 mA steps) 2.1mA to 100mA: within 5%.	Yes	Yes	Yes
• Stimulation pulse duration: 1, 0.5, 0.3, 0.2, 0.1, 0.05, 0.03, 0.02, 0.01 ms ms to 1 ms: within ±10% 0.05 ms: within ±20%	Yes	Yes	Yes
AUDITORY STIMULATORS	Yes	Yes	-
• Output Type: Headphone, earphone.	Yes	Yes	-
• Stimulation waveform: Click, Tone burst.	Yes	Yes	-
Stimulation intensity: 0 to 135 dB SPL (within ±2 dB).	Yes	Yes	-
Click pulse duration: 0.1 to 1.0 ms in 0.1ms steps (within ±5%).	Yes	Yes	-
VISUAL STIMULATORS	Yes	Yes	-
• Stimulation modes: Pattern reversal, LED goggles, External visual stimulation.	Yes	Yes	-


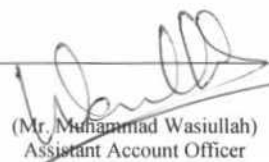
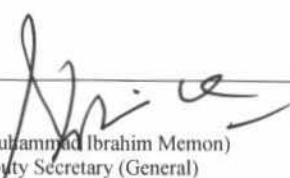
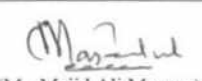
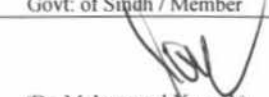
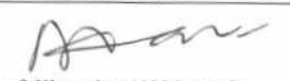
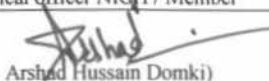
 (Mr. Manzoor Ali Siyal) Assistant Commissioner Sudder Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt: of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt: of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

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

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

• No. of Horizontal divisions: 4, 8, 16, 32, 64, 128.	Yes	Yes	-
• Display Time (duration): 20 to 1000 ms in 10ms steps.	Yes	Yes	-
<b>POWER REQUIREMENTS</b>	-	-	-
• 100 240 V 50/60 Hz.	Yes	Yes	-
With all standard accessories as per our requirement.	Yes	Yes	-
FDA/CE/JIS approved model:	Yes	Yes	-
Country of Manufacturer: U.S.A, Japan, EU or equivalent.	Japan	Germany	Italy
Delivery Period	3-4 months	6-8 Week	-
Warranty	3years	3years	-
Training: origin / other details: _____	Yes	Yes	-

 (Mr. Manzoor Ali Siyal) Assistant Commissioner Saddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

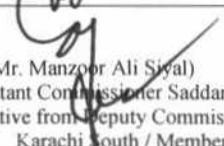
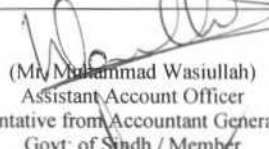
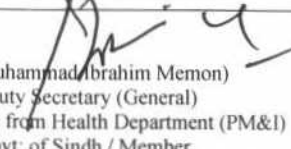
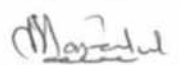



GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

Item #. **05** Name of Item: **50KW X-RAY WITH DIGITAL RADIOGRAPHY SYSTEM:**

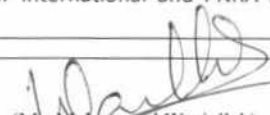
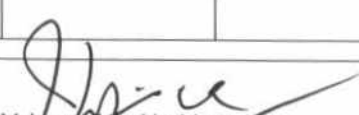



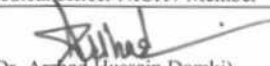
S No.	NAME / SPECIFICATION OF MACHINERY & EQUIPMENTS:	Medequips S.M.C	Technology Links	Bios
<b>5.</b>	<b>50KW X-RAY WITH DIGITAL RADIOGRAPHY SYSTEM:</b>	-	-	-
	Model / Cat. No.	RAD REX MRAD A 50 S/G6	RAD Speed PRO MF	N50HF
	Make:	TOSHIBA	SHIMADZU CORPORATION	STEPHANIX
	Sole Agent Exclusively for Pakistan (Yes / No)	Yes	Yes	Yes
	<b>a) 50kW High Frequency Inverter Type X-Ray Generator. Inverter frequency 30KHz or more.</b>	Yes	Yes	Yes
	AEC Detector	Yes	Yes	Yes
	User Programmable Radiography Capable to Provide 100 programs or more.			
	Auto exposure control.	Yes	Yes	Yes
	Radiographic Ratings: 630mA /50kV to 80kV (0.1 Sec.)			
	500mA /40kV to 100kV (0.1 Sec.)	Yes	Yes	Yes
	320mA /40kV to 150kV (0.1 Sec.)	Yes	Yes	Yes
	Exposure time: 0.001 to 9.0 Sec.	Yes	Yes	Yes
	<b>b) ROTATING ANODE X-RAY TUBE :</b>	Yes	Yes	Yes
	Rotating anode duel focus 0.6 & 1.2 mm X-Ray Tube	Yes	Yes	Yes
	Anode Heat Storage Capacity 300KHU.	Yes	Yes	Yes
	<b>c) TUBE STAND:</b>	Yes	Yes	Yes
	Floor-to-Ceiling Type X-Ray Tube support.	Yes	Yes	Yes
	Longitudinal Movement: 200 cm or more.	Yes	Yes	Yes
	Lateral Movement: 40 cm or more.	Yes	Yes	Yes
	Vertical Movement: 150 cm or more.	Yes	Yes	Yes
	With Manual Beam Limiting Device.	Yes	Yes	Yes
	And High Tension Cables.	Yes	Yes	Yes

 (Mr. Manzoor Ali Syal) Assistant Commissioner Saddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
	 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement	

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

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

<b>d) FOUR WAY MOVING TABLE TOP BUCKY TABLE:</b>	Yes	Yes	Yes
-Cassette Size : 18 x 24cm to 35 x 43cm (8" x 10" to 14" x 17")	Yes	Yes	Yes
-Floating Stroke: Longitudinal 80cm or more.	Yes	Yes	Yes
-Lateral ±12cm.	Yes	Yes	Yes
-Bucky device: Oscillating grid.	Yes	Yes	Yes
-Grid Ratio 8:1.	Yes	Yes	Yes
<b>e) VERTICAL BUCKY STAND:</b>	Yes	Yes	Yes
-Vertical Movement of the Bucky Device: approx. 120cm	Yes	Yes	Yes
-Compatible Cassette Size : 18cm x 24cm to 35cm x 43cm (8" x 10" to 14" x 17").	Yes	Yes	Yes
-Bucky Device Movement and Lock: Counterweight and Electromagnetic Lock	Yes	Yes	Yes
-Grid Movement : Oscillating Motion System.	Yes	Yes	Yes
-Grid Ratio 8:1.	Yes	Yes	Yes
<b>Electric Supply of RADIOGRAPHY SYSTEM.</b> Civil work required for Radiography system installation and trench for insertion of cable etc. all would be responsibility of vender. Vender will be responsible to arrange everything at this own expenses including lead lining of the walls, doors and complete finishing of Radiography system suite.	Yes	Yes	Yes
<b>Warranty &amp; Post warranty Agreement &amp; Maintenance Contract:</b> Warranty period shall be three years starting from date of full functional commissioning including tube (Unlimited exposures in five years)	Yes	Yes	Yes
<b>Civil and Electrical Work for Radiography system.</b> <b>Installation and commissioning will be responsibility of Vendor:</b> The contracting firm shall visit the site before submission of tender and ensure that cost of all necessary electrical boards / cables / earthing needed to install and commission the complete system in included in the tender const, including supply and installation of electrical distribution box for the Radiography system in the Radiography room etc. Renovation of the radiography system suite for the installation as per international and PNRA standard including furniture and air conditioners shall be responsibility of vender.	Yes	Yes	Yes
 (Mr. Manzoor Ali Syed) Assistant Commissioner Saddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member	
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Zaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member	
 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement			






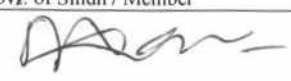
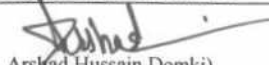
GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Technical Comparative Statement of tender for the Purchase of Plant & Machinery/Equipment, for NICH Karachi, for the year 2016-17

Vide Tender No: Admn (E) /2016-17/09/NICH, dated 02-01-2017, Technical Bid Open on 19-01-2017.

With all standard accessories as per our requirement.	Yes	Yes	Yes
FDA/CE/JIS approved model:	Yes	Yes	Yes
Country of Manufacturer: U.S.A, Japan, EU or equivalent.	Japan	Japan	France
Delivery Period	As per tender requirement	As per tender requirement	As per tender requirement
Warranty	As per tender requirement	As per tender requirement	As per tender requirement
Training: origin / other details:	As per tender requirement	As per tender requirement	As per tender requirement






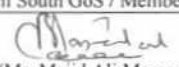


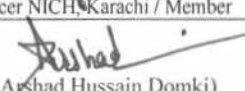

 (Mr. Manzoor Ali Siyal) Assistant Commissioner Saddar Representative from Deputy Commissioner Karachi South / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh Govt. of Sindh / Member	 (Mr. Muhammad Ibrahim Memon) Deputy Secretary (General) Representative from Health Department (PM&I) Govt. of Sindh / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH / Member	 (Prof. Khemchand N Moorani) Professor, JSMU/Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH / Chairman Procurement		

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

**BID EVALUATION REPORT**

1.	Name of Procuring Agency	National Institute of Child Health, Karachi
2.	Tender Reference No	No. Admn (E) 2016-17/ 09 /NICH
3.	Tender Description Name of work/item	Purchase of Plant & Machinery/Equipment for NICH, Karachi for the Year 2016-17
4.	Method of Procurement	Rule 46 (2) SPPRA Single Stage- Two Envelope Procedure
5.	Tender Published:	Daily Dawn, Daily Jung (ID #: INF/KRY-29/17) as SPPRA S. #.31071 & ID #. 2147483647
6.	Total Bid documents sold:	Seven (07)
7.	Total Bid received	Six (06)
8.	Technical Bid Opening date (if applicable)	19-01-2017
9.	No. of bid (s) technically qualified	Six (06)
10.	Bid (s) rejected:	Nil
11.	Financial Bid opening date (if applicable)	16-02-2017
12.	<b>Bed Evaluation Report (Technical)</b>	

Sr. #.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance /Rejection	Remarks
0	1	2	3	4	5	6
-	-	-	-	-	-	-
1.	M/S. Medequips S.M.C.	Technical Bid	Technical Bid	Technical Bid	Qualified	Accepted
2.	M/s. Medline Technologies (Pvt) Ltd	-do-	-do-	-do-	Qualified	Accepted
3.	M/s. Tech Access International	-do-	-do-	-do-	Qualified	Accepted
4.	M/s. Bios	-do-	-do-	-do-	Qualified	Accepted
5.	M/s. Technology Links (Pvt) Ltd	-do-	-do-	-do-	Qualified	Accepted
6.	M/s. T.K Medical Instruments Co.	-do-	-do-	-do-	Qualified	Accepted

 (Mr. Manzoor Ahmad Syal) Assistant Commissioner Sadder Rept. from Deputy Commissioner Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jalalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer, NICH, Karachi / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH, Karachi / Member	 (Dr. Khemchand N Moorani) Professor, Jinnah Sindh Medical University GoS, Karachi / Member
 (Dr. Arshad Hussain Domki) Deputy Director NICH, Karachi / Chairman Procurement		

GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510

Dated the: 19<sup>th</sup> January 2017

MINUTES OF THE MEETING FOR THE OPENING OF TECHNICAL BIDS FOR THE  
PURCHASE OF PLANT & MACHINERY/EQUIPMENT (SNE), FOR NICH, KARACHI FOR THE  
YEAR 2016-2017.

A meeting of Procurement Committee NICH was held on 19-01-2017 at 12:30 pm under the Chairmanship of Dr. Arshad Hussain Domki Deputy Director NICH/Chairman for the opening / scrutinizing of Technical Bids for the Purchase of Plant & Machinery /Equipment for NICH for the Financial Year 2016-17.

1. Chairman informed to the members that tenders were invited as per SPPRA Rules 46 (2) amended 2013, Single Stage- two envelope Procedure. Notice inviting Tender (N.I.T.) was posted & advertised in the Sindh Public Procurement Regulatory Authority website with: INF/KRY-29/17) as SPPRA S.#.31071 & ID #. 2147483647 in the leading Newspapers Daily "Dawn "Jang" on dated 04-01-2017 Flag-"A1," " A2,"
2. The Chairman Procurement committee informed the members that total seven (07) tenders were sold to the interested bidders out of which six (06) participated in the tender. Attendance sheet of bidders and members are enclosed as Flag-"B1" B2".
3. Chairman granted permission for opening of the tenders in the presence of available members and representative of companies. After opening of tender box, Chairman ordered to the associated staff / member of procurement committee that separate the financial bids from technical bids and keep it in a one box, so that same should be sealed, till technical evaluation of bids to be finalized by the committee.



Continued on page/2



4. Bids were opened item wise, committee have reviewed all the tender documents & considered the technical scrutiny / evolution,

5. All the technical bids of items were opened.

6. It is discussed by the committee members to open the financial bids after evaluation of technical bids.

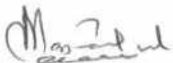
In the last Chairman thanked the tender committee and all the representative of companies.

Tender process was completed to the satisfaction of all the members as well as representative of companies.

The minutes are submitted for approval please.



(Mr. Manzoor Asif Syal)  
Assistant Commissioner Saddar  
Representative from Deputy Commissioner  
Karachi (South) / Member



(Mr. Majid Ali Memon)  
Senior Hospital Equipment Engineer  
NICH, Karachi / Member



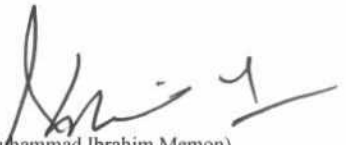
(Mr. Muhammad Wasiullah)  
Assistant Account Officer  
Representative from Accountant General Sindh  
Govt. of Sindh / Member



(Dr. Muhammad Yaqoob)  
Medical Officer, NICH, Karachi / Member



Dr. Arshad Hussain Domki  
Deputy Director, NICH/Chairman Procurement



(Mr. Muhammad Ibrahim Memon)  
Deputy Secretary (General)  
Representative from Health Department (PM&I)  
Govt. of Sindh / Member



(Prof. Khemchand N Moorani)  
Professor, JSMU, Karachi / Member

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

Dated: 16<sup>th</sup> February 2017

**TENDER ( # 09) FOR PURCHASE OF PLANT & MACHINERY/EQUIPMENT(SNE)  
FOR N.I.C.H., KARACHI FOR THE YEAR 2016 - 17**

**ATTENDANCE SHEET FOR MEMBERS FOR OPINING OF FINANCIAL BIDS**






01	Dr. Arshad Hussain Domki	Deputy Director, NICH, Karachi / Chairman	<i>Arshad</i>
02	Prof. Khemchand N Moorani	Professor, Jinnah Sindh Medical University Karachi / Member	<i>Khemchand</i>
03	Dr. Muhammad Yaqoob	Medical Officer, NICH, Karachi / Member	<i>Dr. Yaqoob</i>
04	Mr. Majid Ali Memon	Senior Hospital Equipment Engineer NICH, Karachi / Member	<i>Majid Ali Memon</i>
05	<i>Jamaluddin Jalalani</i> Mr. Muhammad Ibrahim Memon	<i>ADD</i> Deputy Secretary (General) Representative from Health Department (PM&I) GoS, Karachi / Member	<i>Jamaluddin Jalalani</i>
06	Mr. Muhammad Wasiullah	Assistant Account Officer Representative from Accountant General Sindh GoS, Karachi / Member	<i>Wasiullah</i>
07	Mr. Manzoor Ali Siyal	Assistant Commissioner Saddar Representative from Deputy Commissioner (South) Karachi / Member	<i>Manzoor Ali Siyal</i>

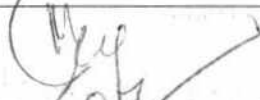

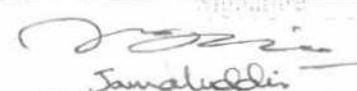
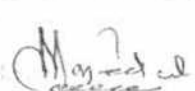


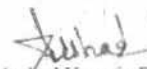
GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510.

Dated 16<sup>th</sup> February 2017

**TENDER (#.09) FOR PURCHASE OF PLANT & MACHINERY/EQUIPMENT (SNE)  
FOR N.I.C.H., KARACHI FOR THE YEAR 2016 - 17**

**ATTENDANCE SHEET FOR OPENING OF FINANCIAL BIDS**

S.No	Company Name	Representative Name	Signature
1.	M/s. Medline Technologies Pvttd.	M. WAQAS	
2.	M/s. A Technology	M. Iqbal Sultan	
3.	M/s. Medequip. SMC	Adnan	
4.	M/s. T.K Medical Inst Co	M. Ibrahim	
5.	M/s. BIOS	Aisha Malik	
6.	M/s.		


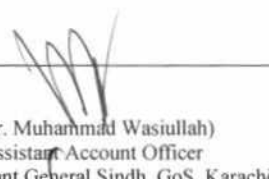

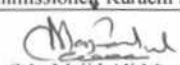
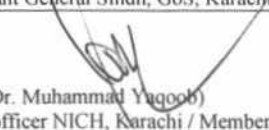
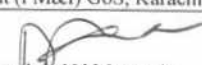
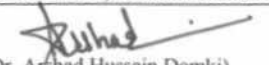
 (Mr. Manzoor Ali Syal) Assistant Commissioner Saddar Repetitive from Deputy Commissioner (South) GoS, Karachi / Member	 (Muhammad Wasiullah) Assistant Account Officer Representative from Accountant General Sindh GoS, Karachi / Member	 (Mr. Muhammad Ibrahim Memon) Add Deputy Secretary (General) Representative from Health Department (PM&I) GoS, Karachi / Member
 (Majid Ali Memon) Senior Hospital Equipment Engineer NICH, Karachi / Member	 (Dr. Muhammad Yaqoob) Medical Officer, NICH, Karachi / Member	 (Prof. Khemchand N Moorani) Professor, Jinnah Sindh Medical University Karachi / Member
 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman Procurement		

GOVERNMENT OF SINDH  
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Financial Comparative Statement of Tender for the Purchase of Plant & Machinery/Equipment (SNE), for N.I.C.H. Karachi, for the year 2016-17  
Vide Tender No: Admn (E) 2016-17/ 09 /NICH Dated 02-01-2017. {Financial Tender (Bids) Opened on 16-02-2017}

TENDER ITEM #:	01	NAME OF EQUIPEMNT	<b>Laundry Washing Machine: Specification.</b> Capacity 50 KG (150 Cloths), Side Plate: 5mm (Stainless Steel 304), Inner Cylinder dimension 30 x 52 (Stainless Steel 304 16 Gage), Outer Cylinder dimension 36 x 52 (Stainless Steel 304 16 Gage), Inner drum shaft 57mm (Stainless Steel 304) Inner basket plate 6mm (Stainless Steel 304) – Motor: 2HP, Automatic reverse and forward panel, Drum hole: 10mm, Flam burner: 32 mm (Stainless Steel 304), Water consumption: 400 Litter, Steam: 60 KG (85-100/LBS/INZ) (656 KG/cm), Water heat up: 5-10 min (20c -70c), With all standard accessories as per our requirement. FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.	QTY:	01
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S.NO	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. T.K Medical Instruments	16000€	16000€	2,900,000/=	2,900,000/=	ITALCLEAN/ WL 55/ Italy	




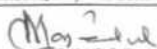
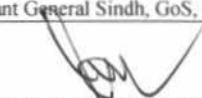
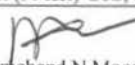

 (Mr. Manzoor Ali Siyal) Assistant Commissioner Saddar Rept. from Deputy Commissioner, Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jamalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
 (Mr. Majid Ali Memon) Senior Hospital Equipment Engineer, NICH, Karachi / Member	 (Dr. Muhammad Yaqoob) Medical officer NICH, Karachi / Member	 (Dr. Khemchand N Moorani) Professor, Jinnah Sindh Medical University GoS, Karachi / Member
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TENDER ITEM #:	02	NAME OF EQUIPEMNT	<b>Laundry Dryer: Specification.</b> Capacity: 90KG (300 Cloths) Side Plate: 6mm (Stainless Steel 304) Inner Cylinder dimension 38 x 54 (Stainless Steel 304 16 Gage) Outer Cylinder dimension 44 x 60 (Stainless Steel 304 16 Gage) Motor: 5HP, Inner cylinder shaft 60mm (Stainless Steel 304) Flam burner: 32 mm (Stainless Steel 304) Drum hole: 10mm, Automatic reverse and forward panel, Water consumption: 650 Litter, Steam: 90 KG (85-100) Water heat up: 5-10 min (20c -70c) With all standard accessories as per our requirement. FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.	QTY:	01
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S.No	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. MedLine Technologies (Pvt) Ltd	8000\$	8000\$	895,000/=	895,000/=	TAIZHOU TONGJIANG PRI/ SW A801-100/China	
2.	M/S. T.K Medical Instruments	38130€	38130€	6,965,000/=	6,965,000/=	S-120/ ITALCLEAN/Italy	



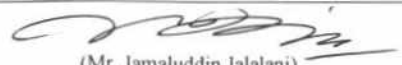

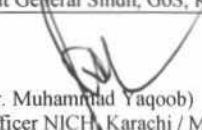


 (Mr. Manzoor Ali Siyal) Assistant Commissioner Saddar Rept. from Deputy Commissioner, Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jalalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
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TENDER ITEM #:	03	NAME OF EQUIPEMNT	<p><b>32-CHANNELS EEG MACHINE:</b> Pre configured EEG Machine. PC based system with Windows operating system and inbuilt patient centric database. Capable to acquire higher number of EEG channels (64, 128, 256 etc.) for advanced EEG applications. Predefined and user configurable montages, Remote review and reporting capability of stored EEG exams via LAN. Archival of recorded exams/reports with EEG reviewer to CD/DVD, Printing of reports on heavy duty HP laser printer, Ethernet LAN connectivity, SpO2, DC Outputs: 2 or better. <b>EEG Amplifier:</b> A minimum 32 or more EEG channels to enable standard 10-20 EEG and additional clinical information. Input impedance: 180 MΩ. or better, Internal noise level: Less than 1.5 μVp-p or better, CMRR: 100 dB or greater, Low-cut filter: 0.08 Hz. A/D conversion: 16 bits or more, Sampling frequency: 800 Hz or more, AC interference filter: 50 or 60 Hz. Sensitivity: EEG INPUT: Off, 1, 2, 3 (2.5), 5, 7, 10, 15, 20, 30, 50, 75,100,150,200μV/mm, DC INPUT: Off, 10, 15, 20, 30, 50, 70, 100, 150, 200 mV/mm, Ethernet/USB connectivity. Impedance check capability, <b>Photic Stimulator:</b> LED Photic Stimulator with adjustable arm. Adjustable stimulation frequency (1-60HZ) in 1Hz steps, <b>Standard Accessories:</b> 1. Electric junction box.2. Photic stimulator.3 Flash lamp assembly.4 Collodion EEG electrode (64).5 Earlobe electrode (04). 6 ECG lead wire (04). 7 Clip on limb electrode. 8 EEG Electrodes (10mm gold plated (64) 9 Conductive Paste (02 Jar) 10 Abrasive cream (02) Tubes 11 Heavy Duty HP Laser Printer (01) 12 1KVA or Compatible online UPS, 13 original Cart. 14 21 inches LCD Display. The Equipment must be CE marked (MDD/CE Certificate) OR FDA 510K approved OR (MHLW) With all standard accessories as per our requirement. Original electrically isolated mobile cart with Isolation Transformer and Arm, FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.</p>	QTY:	01
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S.No	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. Bios	13860€	13860€	2,050,000/=	2,050,000/=	SIGMA/ NEUROWERK 34/Germany	
2.	M/S. Medequips S.M.C.	24350\$	24350\$	2,805,000/=	2,805,000/=	NIHON KOHDEN/1200J/K/Japan	

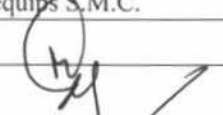

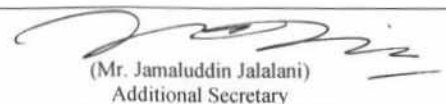
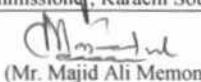
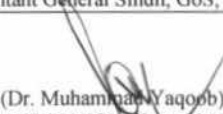
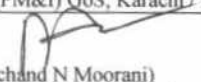
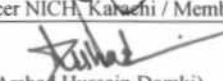
 (Mr. Manzoor Ali Siyal) Assistant Commissioner Saddar Rept. from Deputy Commissioner, Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jalalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
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TENDER ITEM #:	04	NAME OF EQUIPEMNT	<p><b>2-CHANNEL COMPUTERIZED E.M.G. /EP (UPGRADABLE UPTO 4 CHANNEL):</b> COMPUTERIZED EMG ALONGWITH NERVE CONDITION STUDIES INCLUDING "MCS, SCS, REPETITIVE STIMULATION, F-WAVE, H-REFLEX, BLINK REFLEX", EVOKED POTENTIAL INCLUDING "SOMATOSENSORY EVOKED POTENTIALS, AUDITORY EVOKED POTENTIALS, VISUAL EVOKED POTENTIALS", 2-CHANNEL JUNCTION BOX.</p> <p>Amplifiers: Number of channels: 2, Input impedance: 200 MΩ ±10% (Differential mode), ≥1000 MΩ (Common mode) Noise: &lt; 0.6 μVrms at 1 Hz to 10 kHz or better, Common mode rejection ratio: ≥ 106 dB (Balanced mode), 112 dB (Isolation mode) Sensitivity: 1, 2, 5, 10, 20, 50, 100, 200, 500 μV/div, 1, 2, 5, 10 mV/div ±5%, Low-cut filter: 0.01, 0.02, 0.05, 0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200, 500 Hz, 1, 2, 3 kHz at 6db/oct (±20%), High-cut filter: Channel : 10, 20, 50, 100, 200, 500 Hz, 1, 1.5, 2, 3, 5, 10, 20 kHz at 6db/oct (±20%), AC interference notch filter: 50 or 60 Hz (Rejection ratio: &lt; 1/20), Reset: Available, Skin-electrode contact impedance check: 2, 5, 10, 20 kΩ indication (within ±20%). Amplitude calibration: 1, 10, 100 μV, 1, 10 mV (within ±5%), AVERAGER: A/D converter: 16 bits or better, Monitor time base: 5, 10, 20, 30, 50 ms/div, 0.1, 0.2, 0.5, 1 s/div (within ±5%), Conversion speed: 10 μs/channel max. Analysis time base: 0.1, 0.2, 0.5, 1, 2, 3, 5, 10, 20, 30, 50 ms/div, 0.1, 0.2, 0.5, 1 s/div (within ±5%), Number of averages: 1 to 9999. Artifact reject inhibit range: ±1 to ±5 div in 0.1 div steps on screen or Off. STIMULATOR COMMON FUNCTIONS TRIGGERS. Trigger mode: Recurrent, Random, Foot switch, Single External, Somato 1, Trigger wave mode: Single, Double, Train. Stimulation rate: 0.1 to 100 Hz in 0.1 Hz steps (witin 5%), ELECTRIC STIMULATORS: Stimulation intensity: 0.1 to 100mA (in 0.1, 0.2 or 1 mA steps) 2.1mA to 100mA: within 5%. Stimulation pulse duration: 1, 0.5, 0.3, 0.2, 0.1, 0.05, 0.03, 0.02, 0.01 ms, ms to 1 ms: within ±10%, 0.05 ms: within ±20%, AUDITORY STIMULATORS, Output Type: Headphone, earphone. Stimulation waveform: Click, Tone burst. Stimulation intensity: 0 to 135 dB SPL (within ±2 dB). Click pulse duration: 0.1 to 1.0 ms in 0.1ms steps (within ±5%). VISUAL STIMULATORS. Stimulation modes: Pattern reversal, LED goggles, External visual stimulation. No. of Horizontal divisions: 4, 8, 16, 32, 64, 128. Display Time (duration): 20 to 1000 ms in 10ms steps. <b>POWER REQUIREMENTS.</b> 100 240 V 50/60 Hz. (online UPS color laser printer conductive past (02) Prep gel (02) connector (02) With all standard accessories as per our requirement. FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.</p>	QTY:	01
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S.No	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. Bios	13780€	13780€	2,030,000/=	2,030,000/=	SIGMA/EMG2/Germany	
2.	M/S. Medequips S.M.C.	25000\$	25000\$	2,850,000/=	2,850,000/=	NIHON KOHDEN/ MEB-9400K/ Japan	



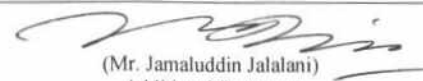
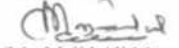


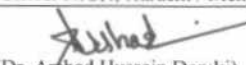
 (Mr. Mansoor Ali Siyal) Assistant Commissioner Saddar Rept. from Deputy Commissioner, Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jalalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
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TENDER ITEM #:	05	NAME OF EQUIPEMNT	<p><b>50KW X-RAY WITH DIGITAL RADIOGRAPHY SYSTEM:</b></p> <p>a) 50kW High Frequency Inverter Type X-Ray Generator. Inverter frequency 30KHz or more. AEC Detector, User Programmable Radiography Capable to Provide 100 programs or more. Auto exposure control. Radiographic Ratings: 630mA /50kV to 80kV (0.1 Sec.) 500mA /40kV to 100kV (0.1 Sec.) 320mA /40kV to 150kV (0.1 Sec.) Exposure time: 0.001 to 9.0 Sec.</p> <p>b) ROTATING ANODE X-RAY TUBE: Rotating anode dual focus 0.6 &amp; 1.2 mm X-Ray Tube, Anode Heat Storage Capacity 300KHU.</p> <p>c) UBE STAND: Floor-to-Ceiling Type X-Ray Tube support. Longitudinal Movement: 200 cm or more. Lateral Movement: 40 cm or more. Vertical Movement: 150 cm or more. With Manual Beam Limiting Device. And High Tension Cables.</p> <p>d) FOUR WAY MOVING TABLE TOP BUCKY TABLE: -Cassette Size : 18 x 24cm to 35 x 43cm, (8" x 10" to 14" x 17") -Floating Stroke: Longitudinal 80cm or more. -Lateral ±12cm. -Bucky device: Oscillating grid. -Grid Ratio 8:1.</p> <p>e) VERTICAL BUCKY STAND: -Vertical Movement of the Bucky Device: approx. 120cm, -Compatible Cassette Size: 18cm x 24cm to 35cm x 43cm, (8" x 10" to 14" x 17"). -Bucky Device Movement and Lock: Counterweight and, Electromagnetic Lock, -Grid Movement : Oscillating Motion System. -Grid Ratio 8:1. <b>Electric Supply of RADIOGRAPHY SYSTEM.</b> Civil work required for Radiography system installation and trench for insertion of cable etc. all would be responsibility of vender. Vender will be responsible to arrange everything at this own expenses including lead lining of the walls, doors and complete finishing of Radiography system suite.</p> <p><b>Warranty &amp; Post warranty Agreement &amp; Maintenance Contract:</b> Warranty period shall be three years starting from date of full functional commissioning including tube (Unlimited exposures in five years)</p> <p><b>Civil and Electrical Work for Radiography system.</b></p> <p><b>Installation and commissioning will be responsibility of Vendor:</b> The contracting firm shall visit the site before submission of tender and ensure that cost of all necessary electrical boards / cables / earthing needed to install and commission the complete system in included in the tender const, including supply and installation of electrical distribution box for the Radiography system in the Radiography room etc.</p> <p>Renovation of the Radiography system suite for the installation as per international and PNRA standard including furniture and air conditioners shall be responsibility of vender. With all standard accessories as per our requirement. FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.</p>	QTY:	01
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S.No	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. Bios	24285€	24285€	3,640,000/=	3,640,000/=	STEPHANIX/ N50HF/France	
2.	M/S. Medequips S.M.C.	47900\$	47900\$	5,490,000/=	5,490,000/=	TOSHIBA/ RAD REX MRAD A 50 S/G6/Japan	
3.	M/S. Technology Links (Pvt) Ltd	Not Quoted	Not Quoted	7,550,000/=	7,550,000/=	SHIMADZU CORPORATION/ RAD SpeedPRO MF/Japan	

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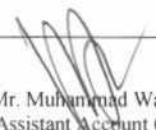
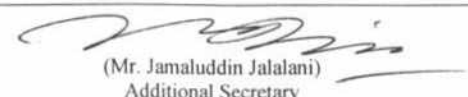

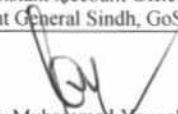
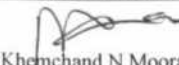



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Financial Comparative Statement of Tender for the Purchase of Plant & Machinery/Equipment (SNE), for N.I.C.H. Karachi, for the year 2016-17  
Vide Tender No: Admn (E) 2016-17/ 09 /NICH Dated 02-01-2017. {Financial Tender (Bids) Opened on 16-02-2017}

TENDER ITEM #:	05	NAME OF EQUIPEMNT	<p><b>50KW X-RAY WITH DIGITAL RADIOGRAPHY SYSTEM:</b></p> <p>a) 50kW High Frequency Inverter Type X-Ray Generator. Inverter frequency 30KHz or more. AEC Detector, User Programmable Radiography Capable to Provide 100 programs or more. Auto exposure control. Radiographic Ratings: 630mA /50kV to 80kV (0.1 Sec.) 500mA /40kV to 100kV (0.1 Sec.) 320mA /40kV to 150kV (0.1 Sec.) Exposure time: 0.001 to 9.0 Sec.</p> <p>b) ROTATING ANODE X-RAY TUBE: Rotating anode dual focus 0.6 &amp; 1.2 mm X-Ray Tube, Anode Heat Storage Capacity 300KHU.</p> <p>c) UBE STAND: Floor-to-Ceiling Type X-Ray Tube support. Longitudinal Movement: 200 cm or more. Lateral Movement: 40 cm or more. Vertical Movement: 150 cm or more. With Manual Beam Limiting Device. And High Tension Cables.</p> <p>d) FOUR WAY MOVING TABLE TOP BUCKY TABLE: -Cassette Size : 18 x 24cm to 35 x 43cm, (8" x 10" to 14" x 17") -Floating Stroke: Longitudinal 80cm or more. -Lateral ±12cm. -Bucky device: Oscillating grid. -Grid Ratio 8:1.</p> <p>e) VERTICAL BUCKY STAND: -Vertical Movement of the Bucky Device: approx. 120cm, -Compatible Cassette Size: 18cm x 24cm to 35cm x 43cm, (8" x 10" to 14" x 17"). -Bucky Device Movement and Lock: Counterweight and, Electromagnetic Lock, -Grid Movement : Oscillating Motion System. -Grid Ratio 8:1. <b>Electric Supply of RADIOGRAPHY SYSTEM.</b> Civil work required for Radiography system installation and trench for insertion of cable etc. all would be responsibility of vender. Vender will be responsible to arrange everything at this own expenses including lead lining of the walls, doors and complete finishing of Radiography system suite.</p> <p><b>Warranty &amp; Post warranty Agreement &amp; Maintenance Contract:</b> Warranty period shall be three years starting from date of full functional commissioning including tube (Unlimited exposures in five years)</p> <p><b>Civil and Electrical Work for Radiography system.</b></p> <p><b>Installation and commissioning will be responsibility of Vendor:</b> The contracting firm shall visit the site before submission of tender and ensure that cost of all necessary electrical boards / cables / earthing needed to install and commission the complete system in included in the tender const, including supply and installation of electrical distribution box for the Radiography system in the Radiography room etc.</p> <p>Renovation of the Radiography system suite for the installation as per international and PNRA standard including furniture and air conditioners shall be responsibility of vender. With all standard accessories as per our requirement. FDA/CE/JIS approved model: Country of Manufacturer: U.S.A, Japan, EU or equivalent.</p>	QTY:	01
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S.No	NAME OF COMPANIES/FIRMS/MS	CIF Unit	CIF Total	DDP Unit	DDP Total	MANUFACTURERS/ MAKE/ MODEL	REMARKS
1.	M/S. Bios	24285€	24285€	3,640,000/=	3,640,000/=	STEPHANIX/ N50HF/France	
2.	M/S. Medequips S.M.C.	47900\$	47900\$	5,490,000/=	5,490,000/=	TOSHIBA/ RAD REX MRAD A 50 S/G6/Japan	
3.	M/S. Technology Links (Pvt) Ltd	Not Quoted	Not Quoted	7,550,000/=	7,550,000/=	SHIMADZU CORPORATION/ RAD SpeedPRO MF/Japan	

 (Mr. Manzoor Ali Siyal) Assistant Commissioner Sadder Rept. from Deputy Commissioner, Karachi South GoS / Member	 (Mr. Muhammad Wasiullah) Assistant Account Officer Rept. from Accountant General Sindh, GoS, Karachi / Member	 (Mr. Jamaluddin Jalalani) Additional Secretary Rept. from Health Department (PM&I) GoS, Karachi / Member
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 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman		

GOVERNMENT OF SINDH  
NATIONAL INSTITUTE OF CHILD HEALTH  
KARACHI-75510

Dated the: 2017

MINUTES OF THE MEETING FOR THE OPENING OF FINANCIAL BIDS FOR THE PURCHASE OF PLANT & MACHINERY/EQUIPMENT FOR NICH, KARACHI FOR THE YEAR 2016-17.

A meeting of Procurement Committee NICH was held on 16-02-2017 at 12: 30 am under the Chairmanship of Dr. Arshad Hussain Domki Deputy Director NICH, Karachi / Chairman for the opening / scrutinizing of Financial Bids for the Purchase of Plant & Machinery/Equipment, for NICH for the Financial Year 2016-17.

1. Chairman informed to the members that out of 06 bidders 05 qualified for financial tender.
2. In item no: 01 **Laundry Washing Machine**: three companies 1. M/s. T.K. Medical Instruments 2. Tech Access International 3. Medline Technologies are participated in which two companies M/s. Tech Access International & Medline Technologies, were technically rejected due to country of manufacturing and not full filling the required specifications" only one company M/s. T.K. Medical Instruments was technically accepted.
3. In item No: 02 **Laundry Dryer**: two companies, 1. M/s. T.K. Medical Instruments and Medline Technologies both companies participated and technically both qualified & M/s. Medline Technologies found lowest.
4. In item No: 3 **32 Channels EEG Machine**: three companies 1. M/s. Bios 2. Medequips S.M.C 3. Mediline Technologies participated, one company M/s. Mediline Technologies was technically rejected due to no proper documentation, no installation in Pakistan and no proper trained engineering backup for EEG machine & two companies 1.M/s. Bios and M/s. Medequips were accepted & M/s. Bios found lowest.
5. In item No: 4. **2 Channel Computerized E.M.G/EP (Upgradable up to 4 Channel)**: three companies 1. M/s. Bios 2. Medequips S.M.C 3. Mediline Technologies participated, one company M/s. Mediline Technologies was technically rejected due to no proper documentation, no installation in Pakistan and no proper trained engineering backup for EMG machine & two companies 1.M/s. Bios and M/s. Medequips were accepted & M/s. Bios found lowest.
6. In item No: 5. **50kw X-Ray With Digital Radiography System**: three companies 1. M/s. Medequips S.M.C 2. M/s. Technology Links 3. M/s. Bios participated & all were technically accepted & M/s. Bios found lowest.

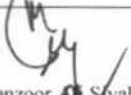
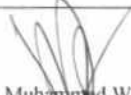
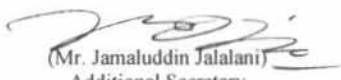
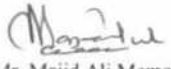





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In the last Deputy Director/Chairperson thanked the tender committee and all the representative of companies.

Tender process was completed to the satisfaction of all the members as well as representative of companies.

The minutes are submitted for approval please.

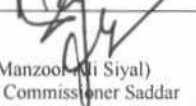
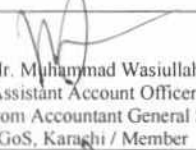




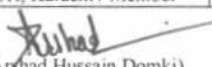
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**BID EVALUATION REPORT**

1.	Name of Procuring Agency	National Institute of Child Health, Karachi
2.	Tender Reference No	No. Admn (E) 2016-17/ 09 /NICH
3.	Tender Description Name of work/item	Purchase of Plant & Machinery/Equipment (SNE) for NICH, Karachi for the Year 2016-17
4.	Method of Procurement	Rule 46 (2) SPPRA Single Stage- Two Envelope Procedure
5.	Tender published:	Daily Dawn, Daily Jung (ID #: INF/KRY-29/17) as SPPRA S. #.31071 & ID #. 2147483647
6.	Total Bid documents sold:	Seven (07)
7.	Total Bid received	Six (06)
8.	Technical Bid Opening date (if applicable)	19-01-2017
9.	Bid (s) rejected:	01
10.	Financial Bid opening date:	16-02-2017
11.	Bid evaluation report financial	

**Bid evaluation report of Item #.01 Laundry Washing Machine:**

sr.#.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance /Rejection	Remarks
1	2	3	4	5	6	7
1.	M/s. T.K Medical Instruments	2,900,000/-	1 <sup>st</sup> Lowest	Economical	Lowest Bid	Accepted

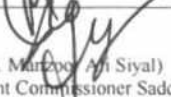
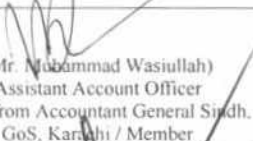
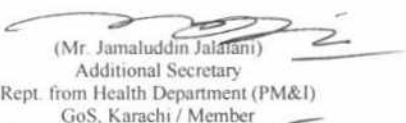
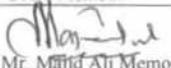
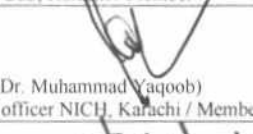
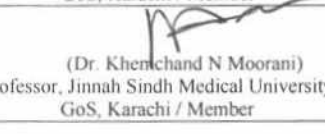
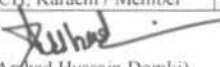
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 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman		

**Bid evaluation report of Item #. 02 Laundry Dryer:**

sr.#.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance /Rejection	Remarks
1	2	3	4	5	6	7
2.	M/s. Medline Technologies (Pvt) Ltd	895,000/-	1 <sup>st</sup> Lowest	Economical	Lowest Bid	Accepted
3.	M/s. T.K Medical Instruments	6,965,000/-	2 <sup>nd</sup> Lowest	Highest	Highest	Rejected

**Bid evaluation report of Item #.03, 32-CHANNELS EEG MACHINE:**

sr.#.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance /Rejection	Remarks
1.	2	3	4	5	6	7
2.	M/s. B i o s	2,050,000/=	1 <sup>st</sup> Lowest	Economical	Lowest Bid	Accepted
3.	M/s. Medequips S.M.C	2,805,000/=	2 <sup>nd</sup> Lowest	Highest	Highest	Rejected

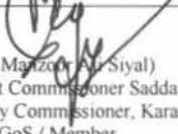
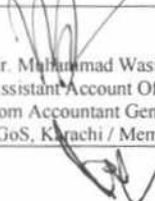
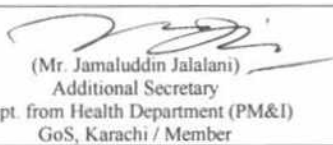
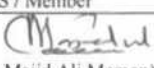

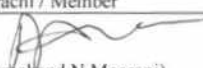
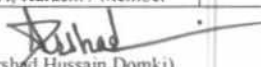
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 (Dr. Arshad Hussain Domki) Deputy Director, NICH, Karachi / Chairman		

**Bid evaluation report of item #.04, 2-Channel Computerized E.M.G./EP (Upgradable up to 4 Channel):**

sr.#.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance / Rejection	Remarks
1.	2	3	4	5	6	7
2.	M/s. Bios	2,030,000/=	1 <sup>st</sup> Lowest	Economical	Lowest Bid	Accepted
3.	M/s. Medequips S.M.C	2,850,000/=	2 <sup>nd</sup> Lowest	Highest	Highest	Rejected

**Bid evaluation report of item #.05, 50KW X-RAY WITH DIGITAL RADIOGRAPHY SYSTEM:**

sr.#.	Name of Firm or Bidder	Cost of offered By the Bidder	Ranking in item of cost	Comparison with Estimated cost	Reason for acceptance / Rejection	Remarks
1.	2	3	4	5	6	7
2.	M/s. Bios	3,640,000/=	1 <sup>st</sup> Lowest	Economical	Lowest Bid	Accepted
3.	M/s. Medequips S.M.C	5,490,000/=	2 <sup>nd</sup> Lowest	Highest	Highest	Rejected
4.	M/s. Technology Links (Pvt) Ltd	7,550,000/=	3 <sup>rd</sup> Lowest	Highest	Highest	Rejected

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