



## Minutes of Meeting

**Subject:** TECHNICAL EVALUATION OF OPERATION THEATRE ITEMS (SERIAL NO. 1 TO 6) FOR ESTABLISHMENT OF KHYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL PESHAWAR.

**Venue:** CONFERENCE ROOM KICH

**Date & Time:** 28.12.2022 at 10.00am

**Participants (Officials):** Attached at Annex-A

**Participants (Bidding Firms):** Attached at Annex-B

**Technical Evaluation Sheet:** Attached at Annex-C

**Compliance Sheet of (Bidding Firms):** Attached at Annex-D





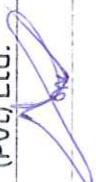
**Proceedings:** A meeting was held on 28.12.2022 at 11:00AM in the Conference room of Khyber Institute of Child Health & Children Hospital Hayatabad, Peshawar as per office letter No. 5703-28/Budget/KICH/2022-23 dated 23.12.2022

The meeting started in the name of Almighty Allah. All participants gave their introduction. It was informed to the participant firms that the Client wanted to have the quality equipment while observing KPRA rules and also to ensure that the procurements will be conducted in a fair and transparent manner to achieve the object of procurement for bringing value for money to the agency and the procurement process be efficient and economical.

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

For the transparent Technical Evaluation of Operation Theatre Items (Serial No. 1 to 6), the chair allowed to call Each firm's Bio Medical Engineers separately for the Technical Evaluation of their submitted proposals in the presence of Technical Committee of KICH & Children Hospital Hayatabad, Peshawar. Following were the points which need clarity and made necessary decisions on the basis of submitted proposals





S. No.	Firms Name	Observations	Clarification / Decision
<b>ITEM NO. 1</b>			
<b>ITEM NAME: OPERATING TABLE FOR VARIOUS SPECIALTIES &amp; SUB SPECIALTIES</b>			
1.	M/S TOTAL TECHNOLOGIES	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>Non-availability of Manual Override option</li> </ul>	Non-Responsive
2.	M/s EASTERN MEDICAL TECHNOLOGIES	Specification according to the KICH SBD Documents, but not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive
3.	M/S TRESTEK TECHNOLOGIES	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>Conditional Bid as FOR prices not quoted</li> <li>Electric Height not as per Specifications</li> <li>Rent Agreement not attached</li> </ul>	Non-Responsive
4.	M/S MEDILAND PAKISTAN	Specification according to the KICH SBD Documents & have special feature as mentioned below; <ul style="list-style-type: none"> <li>5<sup>th</sup> Directional Castors</li> <li>Mobile base in shock resistant material</li> <li>Three-way paddle</li> </ul>	Responsive

<b>TECHNICAL COMMETTEE MEMBERS</b>	<b>In-Charge Purchase &amp; Procurement</b> MTI/HMC Peshawar 	<b>Project Director</b> KICH Peshawar 	<b>Director Finance</b> MTI/HMC Peshawar	<b>Director Admin/Finan ce</b> KICH Peshawar 	<b>Bio-Medical Engineer</b> MTI/HMC Peshawar 	<b>Consultant: Summit Healthcare Consultants (Pvt) Ltd.</b> 	<b>End User</b>
<b>Signatures</b>							

S. No.	Firms Name	Observations	Clarification / Decision
5.	M/S VERTEX MEDICAL	<ul style="list-style-type: none"> <li>Manual override in all positions Specifications not according to the KICH SBD Documents Deficiencies;</li> <li>Non-availability of Manual Override option</li> </ul>	Non-Responsive
6.	M/S FRIENDS TRADERS	<ul style="list-style-type: none"> <li>Specifications according to the KICH SBD Documents but Deficiencies mentioned below;</li> <li>Minor Deviation in Trendelberg / Reverse Trendelberg 26° / -26° instead of 30° / -30° or better</li> <li>After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.</li> </ul>	Responsive
7.	M/S POPULAR INTERNATIONAL	<ul style="list-style-type: none"> <li>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</li> <li>Non-availability of Manual Override option</li> </ul>	Non-Responsive
8.	M/S ELATE C.C	<ul style="list-style-type: none"> <li>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</li> <li>Non-availability of Manual Override option</li> </ul>	Non-Responsive
9.	M/S HOSPITAL APPLIANCES	<ul style="list-style-type: none"> <li>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</li> <li>Weight Bearing Capacity not as per specification</li> <li>Non-availability of Manual Override option</li> </ul>	Non-Responsive

ITEM NO. 2

ITEM NAME: OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (COMPATIBLE WITH LAMINAR FLOW)

1.	M/S	Specification according to the KICH SBD Documents	Responsive
TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar
Signatures			
		Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd. 
			End User

S. No.	Firms Name	Observations	Clarification / Decision
2.	TOTAL TECHNOLOGIES M/s EASTERN MEDICAL TECHNOLOGIES	Specification according to the KICH SBD Documents, but not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive
3.	M/S KASBN INTERNATIONAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; • No Authorization letter from the Manufacturer	Non-Responsive
4.	M/S RADIANT MEDICAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; • No Authorization letter from the Manufacturer	Non-Responsive
5.	M/S MEDILAND PAKISTAN	Specification according to the KICH SBD Documents & have special feature as mentioned below; • Anti-drifting system in cardanic joint arm to prevent free motion. • Color Rendition Index is 99 • Mar touch remote control to control all light & camera	Responsive
6.	M/s FRIENDS TRADERS	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; • After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.	Responsive
7.	M/s	Specifications not according to the KICH SBD Documents Deficiencies mentioned below;	Non-Responsive

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

S. No.	Firms Name	Observations	Clarification / Decision
	POPULAR INTERNATIONAL	<ul style="list-style-type: none"> <li>No Technical Data Sheet attached</li> <li>No Brochure attached</li> <li>Doubtful bid</li> <li>Recording System locally offered instead of Manufacturer</li> <li>No Make Model mentioned</li> </ul>	
8.	M/S ELATE C.C	<p>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</p> <ul style="list-style-type: none"> <li>No Laminar Flow Compatibility</li> </ul>	Non-Responsive
<b>ITEM NO. 3</b>			
<b>ITEM NAME: OPERATING LAMP WITH CEILING MOUNTED LIGHT (COMPATIBLE WITH LAMINAR FLOW)</b>			
1.	M/S TOTAL TECHNOLOGIES	<p>Specification according to the KICH SBD Documents &amp; have special feature as mentioned below;</p> <ul style="list-style-type: none"> <li>Minor Deviation in Color Rendition Index</li> </ul>	Responsive
2.	M/s EASTERN MEDICAL TECHNOLOGIES	<p>Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria</p>	Non-Responsive
3.	M/S KASBN INTERNATIONAL	<p>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</p> <ul style="list-style-type: none"> <li>No Authorization letter from the Manufacturer</li> </ul>	Non-Responsive
4.	M/S RADIANT MEDICAL	<p>Specifications not according to the KICH SBD Documents Deficiencies mentioned below;</p> <ul style="list-style-type: none"> <li>No Authorization letter from the Manufacturer</li> </ul>	Non-Responsive

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							







S. No.	Firms Name	Observations	Clarification / Decision
5.	M/S MEDILAND PAKISTAN	Specification according to the KICH SBD Documents & have special feature as mentioned below; <ul style="list-style-type: none"> <li>Anti-drifting system in cardanic joint arm to prevent free motion.</li> <li>Color Rendition Index is 99</li> <li>Mar touch remote control to control all light &amp; camera</li> </ul>	Responsive
6.	M/S FRIENDS TRADERS	Specification according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.</li> </ul>	Responsive
7.	M/S POPULAR INTERNATIONAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>No Technical Data Sheet attached</li> <li>No Brochure attached</li> <li>Doubtfull bid</li> <li>Recording System locally offered instead of Manufacturer</li> <li>No Make Model mentioned</li> </ul>	Non-Responsive
8.	M/S ELATE C.C	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>No Laminar Flow Compatibility</li> </ul>	Non-Responsive
ITEM NO. 4 ITEM NAME: OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER)			
1.	M/S	Specification according to the KICH SBD Documents & have special feature as mentioned below;	Responsive

TECHNICAL COMMETTEE MEMBERS	In-Charge Purchase & Procurement MTI/H/MC Peshawar	Project Director KICH Peshawar	Director Finance MTI/H/MC Peshawar	Director Admin/Finan ce KICH Peshawar	Bio-Medical Engineer MTI/H/MC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

S. No.	Firms Name	Observations	Clarification / Decision
	TOTAL TECHNOLOGIES	<ul style="list-style-type: none"> <li>Minor Deviation in Color Rendition Index</li> </ul>	
2.	M/s EASTERN MEDICAL TECHNOLOGIES	Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive
3.	M/S KASBN INTERNATIONAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>No Authorization letter from the Manufacturer</li> </ul>	Non-Responsive
4.	M/S RADIANT MEDICAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>No Authorization letter from the Manufacturer</li> </ul>	Non-Responsive
5.	M/s MEDILAND PAKISTAN	Specification according to the KICH SBD Documents	Responsive
6.	M/s FRIENDS TRADERS	Specification according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.</li> </ul>	Responsive
7.	M/s POPULAR INTERNATIONAL	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; <ul style="list-style-type: none"> <li>No Technical Data Sheet attached</li> <li>No Brochure attached</li> <li>Doubtfull bid</li> </ul>	Non-Responsive







TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							7   12

S. No.	Firms Name	Observations	Clarification / Decision
8.	M/s ELATE C.C	<ul style="list-style-type: none"> <li>Recording System locally offered instead of Manufacturer</li> <li>No Make Model mentioned</li> </ul> <p>Specification according to the KICH SBD Documents</p>	Responsive
<b>ITEM NO. 5</b>			
<b>ITEM NAME: SOLID STATE ELECTRIC SURGICAL UNIT</b>			
1.	M/S TOTAL TECHNOLOGIES	<p>Specifications not according to the KICH SBD Documents</p> <p>Deficiencies mentioned below;</p> <ul style="list-style-type: none"> <li>No Spray Coagulation Mode</li> </ul>	Non-Responsive
2.	M/s VITAL CARE	<p>Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria</p>	Non-Responsive
3.	M/s MEDILAND PAKISTAN	<p>Specification according to the KICH SBD Documents &amp; have special feature as mentioned below;</p> <ul style="list-style-type: none"> <li>Monopolar cutting power 400 watts</li> <li>Endo /Mode</li> <li>Power Peak mode for liquid supported cutting</li> </ul>	Responsive
4.	M/S VERTEX MEDICAL	<p>Specification according to the KICH SBD Documents</p>	Responsive
5.	M/s FRIENDS TRADERS	<p>Specifications not according to the KICH SBD Documents</p> <p>Deficiencies mentioned below;</p> <ul style="list-style-type: none"> <li>Low Bipolar Coagulation Power</li> <li>After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.</li> </ul>	Non-Responsive

<b>TECHNICAL COMMITTEE MEMBERS</b>	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
<b>Signatures</b>							





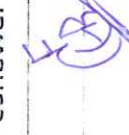



S. No.	Firms Name	Observations	Clarification / Decision
6.	M/s POPULAR INTERNATIONAL	Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive
7.	M/s HOSPITAL APPLIANCES	Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive
<b>ITEM NO. 6</b>			
<b>ITEM NAME: ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR</b>			
1.	M/S TOTAL TECHNOLOGIES	Specification according to the KICH SBD Documents	Responsive
2.	M/s DIGIONICS	Specifications not according to the KICH SBD Documents Deficiencies mentioned below; • High Tidal Volume (Which is not recommended for neonates)	Non-Responsive
3.	M/s MEDILAND PAKISTAN	Specification according to the KICH SBD Documents & have special feature as mentioned below; • Time consuming calibration is eliminated as the vaporizers are fully tested during the system checkouts • Tidal Volume from 5ml – 2000 ml • Para-magnetic oxygen sensor	Responsive
4.	M/S EASTERN MEDICAL TECHNOLOGIES	Specification according to the KICH SBD Documents, not eligible due to Low marks in Firm Evaluation Criteria	Non-Responsive

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

S. No.	Firms Name	Observations	Clarification / Decision
5.	M/s FRIENDS TRADERS	Specification according to the KICH SBD Documents Deficiencies mentioned below; • After verifying the MHLW Certificate No. (BG10500982) on the MHLW website were not found.	Responsive
6.	M/s ELATE C.C	Specifications according to the KICH SBD Documents.	Responsive

The meeting ended with a vote of thanks to and for the chair.

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							



GOVERNMENT OF KHYBER PAKHTUNKHWA  
THE KHYBER INSTITUTE OF CHILD HEALTH & DASHUR BILLOUR MEMORIAL  
CHILDREN HOSPITAL, HAYAT ABAD PESHAWAR

Attendance Sheet

Date: 28-12-2022

Meeting of Technical Committee held at Conference room at the Khyber Institute of Child Health & Dashur Bilour Hospital Peshawar to conduct professional evaluation

1. Assoc. Prof. Khawaja
2. G.O. Peshawar
3. G.O. Peshawar

Name	Designation	Signature
Dr. Tariq Khan	Assoc. Prof. Khawaja	
Dr. Anwar Khan	G.O. Peshawar	
Dr. Anwar Khan	G.O. Peshawar	

Project Director  
Khyber Institute of Child Health & Children Hospital Hayatabad Peshawar

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

ANNEX-B



GOVERNMENT OF KHYBER PAKHTUNKHWA  
THE KHYBER INSTITUTE OF CHILD HEALTH & CHILDREN HOSPITAL  
HAYATABAD PESHAWAR



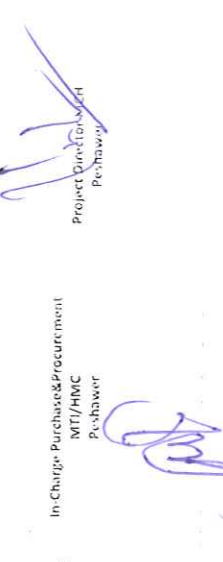
Attendance Sheet for Technical Evaluation of Anesthesia Machine, OT Lights & OF Table

Dated 28-12-2022

S.No	Name	Company Name	Contact Number	Email Address	Signature
1.	Er. Saqar Aftab	Friends Traders	0347 9593734	Sulman481abc@gmail.com	[Signature]
2	Er. Usman Ayaz	Friends Traders	0347 9593008		[Signature]
3	Siraj Pervez	Friends Traders	0333-9327578	shabroshah27@gmail.com	[Signature]
4	Faisal	MediMed Poliston	0300-0452109	dr.faisal@medimed.com.pk	[Signature]
5	Bilal	"	0300470162	medimed@medimed.com.pk	[Signature]
6.	Ajmal	Tajal Technologies	0347 86559	ajmal@tajal.com	[Signature]
7.	Amirul Karim	Tajal Technologies	0347 7759893	amirul@tajal.com	[Signature]
8	Yusuf Khan	Populso IT	0301 859198	yusuf@populso.com	[Signature]
9.	Er. Muhammad Shauq	Tajal Technologies	0321-5062592	TajalTechnologies@gmail.com	[Signature]
10	Er. Bilal Khan	Richard Medical	0315-9851418	Bilal@RichardMedical.com.pk	[Signature]

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]	[Signature]

**TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR KHIBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL PESHAWAR**

ITEM NO. 1	PRODUCT EVALUATION										FIRM EVALUATION				ACCUMULATED Evaluation Percentage Score
	Compliance with RICH Required Specifications	Special Feature (02 Marks for Each Feature)	International Quality Certification (ISO/ IAS/ MILW) (02 marks each)	Product's Local Performance Certificate	Legal Requirement (02 Marks)	Relevant Technical Staff	Workshop, Networking & Training Workshop	Previous Satisfactory Performance	Testing & Calibration Equipment	Post Warranty & Maintenance Cost with Parts (% of Cost of the Equipment)	Total Technical Marks	Financial Bid	Technical %	Financial %	
OPERATION THEATRE DEPARTMENT	44	6	6	6	2	10	10	4	2	10	100	Price	70%	30%	70% +30%
S.No	Companies Names														
1	TOTAL TECHNOLOGIES	Non-Responsive due to non availability of Manual Override Option													
2	EASTERN MEDICAL TECHNOLOGY SERVICES	44	0	2	6	2	5	4	2	0	65				
3	TRESTEK TECHNOLOGIES	Non-Responsive due to not quoting FOR Prices as confirmed during meeting with the company													
4	MEDILAND PAKISTAN	44	6	2	6	2	10	4	2	10	96				
5	VERTEX MEDICAL	Non-Responsive due to non availability of Manual Override Option													
6	FRIENDS TRADERS	42	0	4	6	2	10	4	2	10	90				
7	POPULAR INTERNATIONAL	Non-Responsive due to non availability of Manual Override Option													
8	ELATE CC	Non-Responsive due to non availability of Manual Override Option													
9	HOSPITAL APPLIANCES	Non-Responsive due to minor deviation from the required specification (Weight Bearing Capacity & Manual Override Function)													
TECHNICAL COMMITTEE MEMBERS	In Charge- Purchase & Procurement	MTI/HMC Peshawar	Project Director	Peshawar	Director Finance	MTI/HMC Peshawar	Director Admin/Finance	RICH Peshawar	Bio-Medical Engineer	MTI/HMC Peshawar	Consultant	Summit Healthcare Consultants (Pvt) Ltd.	End User		
Signatures															

TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR KHYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL PESHAWER

ITEM NO. 2 ITEM NAME: OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (COMPATIBLE WITH LAMINAR FLOW) OPERATION THEATRE DEPARTMENT	PRODUCT EVALUATION				FIRM EVALUATION				MARKING	ACCUMULATED Evaluation Percentage Score				
	Compliance with KICR Required Specifications	Special Features (02 Marks for Each Feature)	International Quality Certification (CE/ FDA/ MILW) (2 marks each)	Product's Local Performance Certificate Good	Legal Requirement (02 Marks)	Relevant Technical Staff		Workstation, Networking & Training/Workshop			Previous Satisfactory Performance	Testing & Calibration Equipment	Post Warranty & Maintenance Cost with Parts (% of Cost of the Equipment)	Percentage
						PEC Reg. Engrs. (04 mark)	Technical Staff DAE (02 Marks)							
S.no	Companies Names													
1	TOTAL TECHNOLOGIES	44	0	2	6	2	10	10	4	2	10	70%	70% Technical + 30% Financial	
2	EASTERN MEDICAL TECHNOLOGY SERVICES	44	0	2	6	2	5	0	4	2	0	30%	70% Technical + 30% Financial	
3	KASBN INTERNATIONAL													
4	RADIANT MEDICAL													
5	MEDILAND PAKISTAN	44	6	2	6	2	10	10	4	2	10	70%	70% Technical + 30% Financial	
6	FRIENDS TRADERS	44	0	4	6	2	10	10	4	2	10	70%	70% Technical + 30% Financial	
7	POPULAR INTERNATIONAL													
8	ELATE C.C													
<p>Non-Responsive (No Technical Data Sheet attached, No Brochure attached, Duplicate Bid &amp; Recording System locally offered not from the manufacturer &amp; No Make-Model offered)</p>														
<p>Non-Responsive (No Lumbar Flow compatibility)</p>														
<p>Non-Responsive (Authorization Letter not from Manufacturer)</p>														
<p>Non-Responsive (No Technical Data Sheet attached, No Brochure attached, Duplicate Bid &amp; Recording System locally offered not from the manufacturer &amp; No Make-Model offered)</p>														
<p>In Charge Purchase &amp; Requirement Militarist Peshawer</p>												Consultant Summit Healthcare Consultants (Pvt) Ltd		
<p>Director Finance BMT/HMC Peshawer</p>												No Medical Engineer MTI/Relic Peshawer		
<p>Director Admin/Finance KICR Peshawer</p>												End User		
<p>Project Director Peshawer</p>														
<p>Signatures</p>														

TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR NYGGER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL PESHAWAR

ITEM NO. 3	ITEM NAME: OPERATING LAMP WITH CEILING MOUNTED LIGHT (COMPATIBLE WITH LAMINAR FLOW)	PRODUCT EVALUATION				FIRM EVALUATION						MARKING	ACCUMULATED Evaluation Percentage Score				
		Compliance with KICH Required Specifications	Special Feature (02 Marks for Each Feature)	International Quality Certifications (FCI/IDA/WHO) (02 marks each)	Product's Local Good Performance Certificate	Legal Requirement (02 Marks)	Relevant Technical Staff		Workshop, Networking & Training/Workshop		Previous Satisfactory Performance			Testing & Calibration Equipment	Post Warranty & Maintenance Cost with Parts (% of Cost of the Equipment)		
							PLC Prog. Errors (02 mark)	Technical Staff DAT (02 Marks)	Post-waiver (05 Marks)	Other Clinics (05 Marks)						05 Year or More (04 Marks)	3 years or more (02 Marks)
S.No	Company's Names												Technical %	Financial %	Percentage		
1	TOTAL TECHNOLOGIES	44	6	6	6	2	10	10	10	4	2	10	70%	30%	70%+30%		
2	EASTERN MEDICAL TECHNOLOGY SERVICES	42	0	2	6	2	10	10	4	2	10	88					
3	KASBN INTERNATIONAL	44	0	2	6	2	5	0	4	2	0	65					
4	RADIANT MEDICAL	Non-Responsive due to non availability of Authorization Letter															
5	MEDILAND PAKISTAN	44	6	2	6	2	10	10	4	2	10	96					
6	FRIENDS TRADERS	44	0	4	6	2	10	10	4	2	10	92					
7	POPULAR INTERNATIONAL	Non-Responsive (No Technical Data Sheet attached, No Brochure attached, Doubtful Bid & Recording System locally offered not from the manufacturer & No Make Model offered)															
8	ELATE C.C	Non-Responsive (No Laminar Flow compatibility)															
TECHNICAL COMMITTEE MEMBERS		In Charge Purchases/Requirement	Project Director KICH	Director Finance	Director Admin/Finance KICH	HO-Medical Engineer											Consultant
Signatures																	
		W/FP/MD		MT/PH/NC													Summit Healthcare Consultants (Pvt) Ltd.
		Post-waiver	Post-waiver	Post-waiver	Post-waiver	Post-waiver											End User

TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR KHYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL, PESHAWAR

ITEM NO. 4 ITEM NAME: OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER) OPERATION THEATRE DEPARTMENT	PRODUCT EVALUATION				FIRM EVALUATION						MARKING	ACCUMULATED Evaluation Percentage Score			
	Compliance with KICHC Required Specifications	Special Feature (02 Marks for Each Feature)	International Quality Certification (CE/FDA/WHO) (07 marks each)	Product's Local Performance Certificate	Legal Requirements (02 Marks)	Relevant Technical Staff		Workation, Networking & Training Workshop	Previous Satisfactory Performance	Testing & Calibration Equipment			Post Warranty & Maintenance Cost with Parts (% of Cost of the Equipment)	Percentage	
						PEC Ing. Eng'g. (04 mark)	Technical Staff DAE (02 Marks)							Technical %	Financial %
44	6	6	6	6	2	10	10	4	4	2	10	70%	30%	70% +30%	
S.no	Companies Names														
1	TOTAL TECHNOLOGIES	42	0	2	6	2	10	10	4	2	10	88			
2	EASTERN MEDICAL TECHNOLOGY SERVICES	44	0	2	6	2	5	0	4	2	0	65			
3	KASBN INTERNATIONAL	Non-Responsive due to non availability of Authority's own Letter													
4	RADIANT MEDICAL	Non-Responsive (Authorization Letter not from Manufacturer)													
5	MEDLAND PAKISTAN	44	0	2	6	2	10	10	4	2	10	90			
6	FRIENDS TRADERS	44	0	4	6	2	10	10	4	2	10	92			
7	POPULAR INTERNATIONAL	Non-Responsive (No Technical Data Sheet attached, No brochure attached, Doubtful Bid & Resending System locally offered not from the manufacturer & No Make Model offered)													
8	ELATE C C	44	2	2	6	2	9	10	4	2	10	91			
TECHNICAL COMMITTEE MEMBERS		In Charge Purchase & Procurement MTI/HMC Peshawar		President Director KICHC Peshawar		Director Finance MTI/HMC Peshawar		Director Admin/Finance KICHC Peshawar		Bio-Medical Engineer MTI/HMC Peshawar		Consultant Summit Healthcare Consultants (Pvt) Ltd.		End User	
Signatures															



TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR KHAYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL, PESHAWAR

ITEM # 05 ITEM NAME: SOLID STATE ELECTRIC SURGICAL UNIT	PRODUCT EVALUATION				FIRM EVALUATION				MARKING		ACCUMULATED Evaluation Percentage Score				
	Compliance with KICH Required Specifications	Special Feature (02 Marks for Each Feature)	International Quality Certification (CE/ FDA/ WHO/ IEC) (02 marks each)	Product's Local Performance Certificate	Legal Requirement (02 Marks)	Relevant Technical Staff		Workshop, Networking & Training Workshop	Previous Satisfactory Performance	Testing & Calibration Equipment		Post Warranty & Maintenance Cost with Parts [% of Cost of the Equipment]	Percentage		
						PEC Reg. Engrs. (04 mark)	Technical Staff DAE (02 Marks)				Peshawar (05 Marks)		Other 05 More (04 Marks)	3 years or more (02 Marks)	Total Technical Marks
44	6	6	6	6	2	10	10	4	4	2	10	70%	30%	70% +30%	
S.no Companies Names															
1	TOTAL TECHNOLOGIES														
2	VITAL CARE												65		
3	MEDILAND PAKISTAN												96		
4	VERTEX MEDICAL												89		
5	FRIENDS TRADERS														
6	POPULAR INTERNATIONAL												68		
7	HOSPITAL APPLIANCES												54		
TECHNICAL COMMITTEE MEMBERS													Consultant Summit Healthcare Consultants (Pvt) Ltd.		End User
Signatures															

Non-Responsive (No Spew/Competition mode)

Non-Responsive (Low Bidding/Competition Power)

In-Charge Purchases/Procurement  
MTI/HMC  
Peshawar

Project Director KICH  
Peshawar

Director Finance  
MTI/HMC  
Peshawar

Director Admin/Finance KICH  
Peshawar

Bio-Medical Engineer  
MTI/HMC  
Peshawar

Summit Healthcare Consultants (Pvt) Ltd.

End User

TECHNICAL & FINANCIAL EVALUATION MARK SHEET FOR KHYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL, PESHAWAR

ITEM # 06 ITEM NAME: ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR OPERATION THEATRE DEPARTMENT	PRODUCT EVALUATION				FIRM EVALUATION						MARKING		ACCUMULATED Evaluation Percentage Score		
	Compliance with NICH Required Specifications	Special Feature (02 Marks for Each Feature)	International Quality Certification (CE/ FDA/ WHO/ IEC) (02 marks each)	Product's Local Performance Certificate	Legal Requirements (02 Marks)	Relevant Technical Staff		Workshop, Networking & Training Workshop		Previous Satisfactory Performance	Testing & Calibration Equipment	Post Warranty & Maintenance Cost with Parts (% of Cost of the Equipment)	Percentage		70% Technical + 30% Financial
						PIC Reg. Engn. (04 mark)	Technical Staff DAE (02 Marks)	Peshawar 05 Marks	Other 05 Marks				Technical %	Financial %	
44	6	6	6	6	2	10	10	4	4	2	10	70%	30%	70% +30%	
44	0	2	6	2	2	10	10	4	4	2	10	90			
Non-responsive due to High Tidal Volume (which is not recommended for Neonates)															
44	6	4	6	2	2	10	10	4	4	2	10	98			
44	0	2	6	2	2	5	0	4	4	2	0	65			
44	0	4	6	2	2	10	10	4	4	2	10	92			
44	0	2	6	2	2	9	10	4	4	2	10	89			
TECHNICAL COMMITTEE MEMBERS		In-Charge Purchase & Procurement MTI/HMC Peshawar		Project Director NICH Peshawar		Director Finance MTI/HMC Peshawar		Director Admin/Finance NICH Peshawar		Bio-Medical Engineer MTI/HMC Peshawar		Consultant Summit Healthcare Consultants (Pvt) Ltd.		End User	
Signatures															

KHYBER INSTITUTE OF CHILD HEALTH AND CHILDREN HOSPITAL, PESHAWAR

OPERATION THEATRE

S r #	ITEM DESCRIPTION	M/s Total Technologies	M/s EASTEN MEDICAL TECHNOLOGY SERVICES	M/s TRESTEK TECHNOLOGIES	M/s MEDILAND PAKISTAN	M/s VERTEX MEDICAL	M/s FRIENDS TRADERS	M/s POPULAR INTERNATIONAL	M/s ELATE C.C	M/s HOSPITAL APPLIANCES
1	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES Model: SC 330 Make: Lojer Country of Origin: Finland	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES Model: OM-6N Make: UZUMCU - TURKEY.	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES Model: OPX Model: Mobilis RC 40 Make: Schmilz Sohene GmbH Country of Origin and Manufacturer: Germany 1.1 Universal operating table with electrohydraulic adjustments.	Operating Table for Various Specialties and Sub Specialties Model: HyBase 6100 Plus Configuration " Make: Mindray Country of Origin: China	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES COMFORT 300	OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES	Model: BX - 300 Make: Baxter Medical UK TECHNICAL PARAMETERS	1.1 YES 1.1	1.1
	1.1 Electrohydraulic operation table	1.1 Yes,	1.1 Yes,	1.1 Universal operating table with electrohydraulic adjustments.	1.1 Electrohydraulic operation table	1.1 YES	1.1 YES	1.1	1.1	1.1
	1.2 Dual movement	1.2 Yes, both available within movement	1.2 Yes, both available within movement	1.2 Dual movement	1.2 Dual movement	1.2 YES 280KGS	1.2 YES 280KGS	1.2	1.2	1.2

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							







Control unit (Hand held and, on the table). Weight bearing capacity of 450 KG	Control unit (Hand held and, on the table). Weight bearing capacity of 450 KG	the product, 350 KG	Control unit (Hand held/ remote control) and emergency control panel in column of the table. Weight bearing capacity (maximum static load) up to: 250kg	Control unit: Hand held and on the table column Max. lifting capacity: 380 kg Max. safe working load: 275 kg		
1.3 4-5 Sectional Operation Table with Single Leg Section	1.3 4-5 Sectional Operation Table with Single Leg Section	1.3 Yes	1.3 4 sectional operation tables with single leg sections.	1.3 Table top is divided into five sections: head plate, back plate, seat plate, and leg plates(two pieces)	1.3 YES	1.3
1.4 Table top equipped with radiolucent material.	1.4 Table top equipped with radiolucent material.	1.4 Yes	1.4 Table top equipped with radiolucent material.	1.4 Table top is made of radio-translucent material for radiography.	1.4 YES	1.4
1.5 The mattress covers with washable, antistatic material.	1.5 The mattress covers with washable, antistatic material.	1.5 Yes	1.5 The mattress covers with washable, antistatic SAF pads 60mm thick.	1.5 The pad is waterproof and easy to clean as it's with ultrasonically-welded technology and	1.5 YES	1.5

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/H/MC Peshawar	Project Director KICH Peshawar	Director Finance MTI/H/MC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/H/MC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

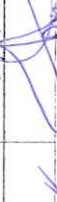



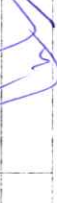

1.6 X-Ray Cassette holder for X-Ray facility	1.6 X-Ray Cassette holder for X-Ray facility	1.6 Yes	1.6 X-ray cassette holder (carrier) with X-ray and C-arm facility	GORE-TEX material.	1.6 YES	1.6
1.7 Electric Height adjustment: 700 to 1000 mm approx.	1.7 Electric Height adjustment: 650 to 1010 mm .	1.7 820 - 1215 mm	1.7 Electro hydraulic height adjustment: 690-1050mm	1.7 Height adjustment: 498 to 1000 mm approx.	1.7 YES 700 - 1050MM	1.7 Length / Width: 2000 mm/500 mm Elevation (up/down): 680 mm/930 mm
1.8 Electric Trendelenburg/Reverse Trendelenburg: 30° / -30° or better.	1.8 Electric Trendelenburg/Reverse Trendelenburg: 30° / -30°	1.8 25/-25	1.8 Electro hydraulic Trendelenburg / Reverse Trendelenburg: + 30°/-30°	1.8 Trendelenburg/Reverse Trendelenburg: 26° / 26°	1.8 YES	1.8 Trendelenburg: ≥25° Reverse Trendelenburg: ≥25°
1.9 Electric lateral tilt: 20° / -20° or better.	1.9 Electric lateral tilt: 20° / -20°	1.9 20/-20	1.9 Electro hydraulic Lateral tilt: + 20°/-20°	1.9 Electric lateral tilt: 21° / -21°	1.9 YES	1.9 Lateral Tilt (left/right): 20° /20°
1.10 Electric backrest adjustment: 75° / -50° or better.	1.10 Electric backrest adjustment: 70 / -35, it is impossible for a patient to turn his back backwards more than 15	1.10 90/-40	1.10 Electro hydraulic back section adjustment: +75°/-50°	1.10 Back plate (up/down): +80°/-40°	1.10 75 /-35	1.10 Back plate (up/down): 75° /10°

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

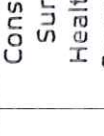
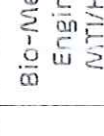
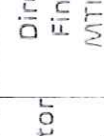
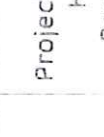
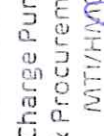
degrees, so -35 is more than enough.	1.11 Manual leg section adjustment: 90° / -90°	1.11 Manual leg section adjustment: +20° / 90°	1.11 Leg plate (up/down): +20° / -90°	1.11	1.11	1.11 Footplate (up/down & horizontal positioning): 90°
1.12 Electric Flex and Reflex Positions.	1.12 Electric Flex and Reflex Positions.	1.12 Electro hydraulic flex and reflex positions.	1.12 Flex/Reflex Positions: 220°/110°	1.12	1.12	1.12 Head Rest (up/down): 45° / 90°
1.13 220-230 V, 50 Hz.	1.13 220-230 V, 50 Hz.	1.13 Power voltages 100-230V, 50Hz	1.13 Main power supply 100 - 240 V AC, 50 - 60 Hz	1.13	1.13	1.13 Power: 220v, 50Hz, 1.0Kw
1.14 Hand control unit.	1.14 Hand control unit.	1.14 Hand held control (Wired remote control)	1.14 Hand control unit.	1.14	1.14	1.14
1.15 Auto lock system.	1.15 Auto lock system.	1.15 Central locking system by foot paddle.	1.15 Auto lock system. Main table articulation movement is powered by electro-hydraulic.	1.15	1.15	1.15

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement	Project Director	Director Finance	Director Admin/Finance	Bio-Medical Engineer	Consultant	End User
	MTI/HMC Peshawar	KICH Peshawar	MTI/HMC Peshawar	MTI/HMC Peshawar	MTI/HMC Peshawar	Summit Healthcare Consultants (Pvt) Ltd.	
Signatures							

1.16 Manual override for backup control in emergency cases.	1.16 Secondary control on column	1.16 Yes	1.16 Manual override for backup control in case of electric failure for all electric positions.	system, including break system. 1.16 Manual Override System is easily access at any time and allows table articulation movements and release the break in the event of primary control or power malfunction. Manual operations of all basic electro-hydraulic functions can be actuated by using a foot pump combined with the hand control or column backup control panel.	1.16 NO	1.16
1.17 Battery backup control of table in case of main power failure.	1.17 Battery backup control of table in case of table in case	1.17 Yes	1.17 Rechargeable batteries: External battery charger with mains cables.	1.17 Two built-in batteries with capacity for at	1.17 YES	1.17 Battery Backup







TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

<p>of main power failure.</p> <p><b>Accessories:</b>  a) Arm rest with clamp  b) Fixation strap  c) Anesthesia screen  d) Adjustable leg rest pads  e) Large width body strap  f) Adjustable bottle holder rod  g) Shoulder support</p> <p><b>Note: Numeric Value variation accepted upto +/- 5%</b></p>	<p><b>Accessories:</b>  a) Included OM-240  b) OM-250  c)  d) OM-365  e) OM-275  f)  g) OM-135</p>	<p><b>ACCESSORIES:</b>  a) Arm rest with clamp  b) Fixation strap  c) Anaesthesia screen  d) Adjustable leg rest pads  e) Large width body strap  f) Adjustable bottle rod holder  g) Shoulder support</p> <p><b>OTHER ACCESSORIES:</b>  (Optional price)</p>	<p>least one week while in use (60 to 80 operations)</p> <p><b>ACCESSORIES</b>  a) Arm rest with clamp will be provided  b) Fixation strap will be provided  c) Anaesthesia screen or stand will be provided  d) Adjustable leg rest pads will be provided  e) Large width body strap will be provided  f) Adjustable bottle holder rod will be provided  g) Shoulder support will be provided</p>	<p><b>ACCESSORIES</b>  a) YES  b) YES  c) YES  d) YES (OPTIONAL)  e) YES  f) YES (OPTIONAL)  g) YES (OPTIONAL)</p>	<p>Kidney bridge: 120 mm  Sliding: 300 mm</p> <p><b>STANDARD ACCESSORIES</b>  a) Arm Support 2 pc.  b)  c) Anesthetic Screen 1 pc.  d)  e) Body Support 2 pc.  f)  g) Shoulder Rest 2 pc.</p>
<p><b>OTHER ACCESSORIES:</b>  (Optional Price)</p>					

<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p>In-Charge Purchase &amp; Procurement  MTI/HMC  Peshawar</p> 	<p>Project Director  KICH  Peshawar</p> 	<p>Director Finance  MTI/HMC  Peshawar</p>	<p>Director Admin/Finance  KICH  Peshawar</p> 	<p>Bio-Medical Engineer  MTI/HMC  Peshawar</p> 	<p>Consultant  Summit Healthcare Consultants (Pvt) Ltd.</p> 	<p><b>End User</b></p>
<p><b>Signatures</b></p>							



<b>ORTHOPAEDIC ACCESSORIES</b> a) Leg traction device with boots, straps etc.	<b>OTHER ACCESSORIES: (Optional price) ORTHOPAEDIC ACCESSORIES</b> a) Leg traction device with boots, straps etc	OM-520 a) OM-600	<b>ORTHOPAEDIC ACCESSORIES</b> a) Leg traction device/orthopedic extension device with boots and straps <b>NEUROSURGERY ACCESSORIES:</b> a) Horse shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment	<b>OTHER ACCESSORIES: (Optional price) ORTHOPAEDIC ACCESSORIES</b> a) Leg traction device with boots, straps etc optionally quoted in the financial offer <b>NEUROSURGERY ACCESSORIES:</b> a) Horse shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment <b>OPHTHALMOLOGY ACCESSORIES</b> a) Eye/ENT Head rest for pediatric	<b>OTHER ACCESSORIES: (Optional price) ORTHOPAEDIC ACCESSORIES</b> a) Yes	<b>OTHER ACCESSORIES (OPTIONAL)</b> a) Orthopedic Accessories Leg traction device with boots, straps
<b>NEUROSURGERY ACCESSORIES:</b> a) Horse shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment	<b>NEUROSURGERY ACCESSORIES:</b> a) Horse shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment	a) OM-410 b) OM-285 c) OM-285 d) OM-285	a) OM-410 b) OM-285 c) OM-285 d) OM-285	a) Horse shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment	a) Yes b) Yes c) Yes d) Yes	<b>Neurosurgery Accessories</b> a) Horse Shoe head rest b) Multi poise head rest c) Frontal sitting attachment d) Posterior sitting attachment
<b>OPHTHALMOLOGY ACCESSORIES</b> a) Eye/ENT Head rest for pediatric	<b>OPHTHALMOLOGY ACCESSORIES</b> a) Eye/ENT Head rest for pediatric	OM 300 a) OM-270	<b>OPHTHALMOLOGY ACCESSORIES</b> a) Eye/ENT Head rest for pediatric	<b>OPHTHALMOLOGY ACCESSORIES</b> a) Eye/ENT Head rest for pediatric	a) Yes	<b>Ophthalmology / ENT Accessories</b>

<b>TECHNICAL COMMITTEE MEMBERS</b>	<b>In-Charge Purchase &amp; Procurement</b> MTI/HMC Peshawar	<b>Project Director</b> KICH Peshawar	<b>Director Finance</b> MTI/HMC Peshawar	<b>Director Admin/Finance</b> KICH Peshawar	<b>Bio-Medical Engineer</b> MTI/HMC Peshawar	<b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.	<b>End User</b>
<b>Signatures</b>							

UROLOGY ACCESSORIES a) Kidney elevator/ Flex, Reflex b) Knee crutches with pads c) Liquid basin d) Accessories trolley	UROLOGY ACCESSORIES a) Kidney elevator / Flex, Reflex b) Knee crutches with pads c) Liquid basin d) Accessories trolley	UROLOGY ACCESSORIES a) Built-in in table. b) OM-220 c) OM-380 d) OM-995	UROLOGY ACCESSORIES a) Flex , reflex b) Kneecrutches c) Liquid basin d) Accessories trolley	optionally quoted in the financial offer UROLOGY ACCESSORIES a) Kidney elevator b) Knee crutches with pads c) Liquid basin d) Accessories trolley	UROLOGY ACCESSORIES a) Yes b) Yes c) Yes d) Yes	a) Eye/ENT head rest for pediatric  <b>Urology Accessories</b>  a) Kidney elevator/Flex, Reflex b) Knee crutches with pads c) Liquid basin d) Accessories trolley
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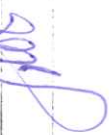





TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

<p>2 OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (Compatible with Laminar Flow)</p>	<p>M/s Total Technologies</p> <p>OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (Compatible with Laminar Flow)</p> <p>Model: 560 /560 Make: Emaled Country of Origin: Germany</p>	<p>M/s EASTEN MEDICAL TECHNOLOGY SERVICES</p>	<p>M/s KASBN INTERNATIONAL</p>	<p>M/s RADIANT MEDICAL OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (Compatible with Laminar Flow)</p> <p>MODEL: 160L/160L MANUFACTURER: MEDICINOS, LITHUANIA COUNTRY OF ORIGIN: LITHUANIA</p>	<p>M/s MEDILAND PAKISTAN</p> <p>OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (Compatible with Laminar Flow)</p> <p>Make: KLS Martin GmbH Co+ KG Model: marLED E91+E91 Country of Origin: Germany</p> <p>Technical specifications: 2.1 The special arrangement of the "light engines" inside the light head ensures shadow-free illumination no visible screw</p>	<p>M/s FRIENDS TRADERS</p> <p>Operating Lamps with Ceiling Mounted with Built In Camera And Recording System (Compatible with Laminar Flow)</p> <p>Model: Hyled 760 / 760 Make: Mindray Country of Origin: China</p>	<p>M/s POPULAR INTERNATIONAL</p>	<p>M/s ELATE C.C</p> <p>Operating Lamp with Ceiling Mounted with built in camera and recording system</p> <p>Make: VG Medical, China Model# S628/S628</p> <p>2.1 Shadow less light ceiling type, including single arm, 360 degree rotary stable and suspended. The light should be height adjustable</p>
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<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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Signatures

2.2 Adjustable light intensity 160000 LUX at 1 meter distance.	2.2 Adjustable light intensity 160000 LUX at 1 meter distance.			hermetically sealed dust proof while providing deep-cavity light at the same time and outstanding laminar flow performance.	management function. The professional shadow dilution experiment simulated extreme situations by using tubes and masks proved that Mindray HyLED 7 Series surgical light has sufficient illumination even in extreme situations. Perfectly integrated into laminar flow	and focused according to the size of the patients' surgical area. Dual Dome Intensity control available. LED light source
2.3 Satellite combination of 160000 LUX at 1 meter.	2.2 Yes, Adjustable Light intensity 160000 LUX at 1 meter distance. 2.3 Yes, Satellite combination of 160000 LUX at 1 meter.	2.2 Central illumination intensity at 1 meter distance: 160,000 Lux 2.3 Satellite combination of 160,000 Lux at 1 meter on second arm. 2.4 Color temperature adjustments by	2.2 "HyLED 760, Light intensity of main light 160,000 Lux at 1 meter distance. 2.3 HyLED 760, Light intensity of Satellite light 160,000 Lux at 1 meter distance. 2.4 Correlated color	2.2 Light intensity: Maximum 160,000 Lux + 160,000 or better at 1 meter distance 2.3 Color Correction to 4000degkelvin or better 2.4		

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/H/MC Peshawar	Project Director KICH Peshawar	Director Finance MTI/H/MC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/H/MC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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2.4 Color temperature 4000°-5000° Kelvin.	2.4 Color temperature 4500° Kelvin.			means of 3800/4300/4800 Kelvin	temperature 4350 Kelvin for both domes	2.5
2.5 Electronic control panel for light field diameter and light adjustment.	2.5 Electronic control panel for light field diameter and light adjustment.			2.5 All function can be control via an ergonomic flush-integrated membrane keypad / electronic panel	2.5 Touch control panel for light field diameter and light adjustment.	
2.6 Color rendition index of 96 LED life 50,000 hours or better.	2.6 Color rendition index of 96 LED life 50,000 hours			2.6 Colour Rendering index 99 LED lamps have service life of 60,000 hrs	2.6 Color rendering index (Ra) 96 Color rendering index (R9) 97 LED lights life >60,000 hours	2.6 Colour Rendering index 96 max 98 @3500k
2.7 Autoclavable handles.	2.7 Autoclavable handles.			2.7 Sterilisable handles	2.7 Autoclavable handle will be provided	2.7 With sterilized handle for movement.
2.8 Operating Voltage 220V, 50Hz.	2.8 Operating Voltage 220V, 50Hz.			2.8 Power Voltages: 100-220V, 50-60 Hz.	2.8 Power supply: 100~240 VAC, 50/60 Hz	2.8 Input power 220VAC, 50 Hz
Additional Accessories: a) Video outputs: 2x HD-	ADDITIONAL ACCESSORIES: (Separate price)			Additional Accessories: (Separate Price)	ADDITIONAL ACCESSORIES: Prices quoted separately in the financial offer	Optional Additional Accessories

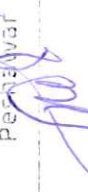


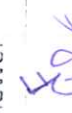

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/H/MC Peshawar	Project Director KICH Peshawar	Director Finance MTI/H/MC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/H/MC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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<p>SDI or 1x HDMI/DVI-D/Component</p> <p>b) Resolution: Full HD (1,920 x 1,080 Pixels)</p> <p>c) Provision of Video transmission facility</p> <p>d) Medical graded LCD/LED 26" minimum along with mountings.</p>	<p>a) Integrated digital camera system (Make: Tamron - Japan)</p> <p>b) Resolution: Full HD (1,920 x 1,080 Pixels) Video outputs: 1x HDMI/DVI-D/component</p> <p>c) Provision of Video transmission facility</p> <p>d) Medical graded LCD/LED 26" (Made in Korea) along with mountings.</p>	<p>a) Yes, Integrated Digital Camera System (Wireless) Manufactured By: Medicinos, Lithuania</p> <p>b) Yes, 1920 x 1080 Pixels Yes, 1 x HDMI / DVI D</p> <p>c) Yes</p> <p>d) Yes, Medical Graded LCD/LED of 26" along with mountings Model: FS-P2604</p> <p>D MANUFACTURED BY: FSN MEDICAL SUPPLIED BY: Medicinos, Lithuania</p>	<p>a) Integrated digital camera system (Model: Surgicam HD Wireless, Make: KLS Martin Germany)</p> <p>b) Resolution Full HD (1920x1080) Video output signals: 2 HDMI at the receiver unit (DVI with adapter)</p> <p>c) Provision of video transmission facility for tele consultation and educational purpose</p> <p>d) Medical grade 27" (Model: Radiance Ultra 27", Make: NDS Surgical Imaging, USA, Supplied by KLS Martin, Germany) HD LED with mountings recommended by OEM</p>	<p>a) Integrated digital camera system quoted optionally in the financial offer</p> <p>b) Resolution: Full HD (1,920 x 1,080 Pixels) Video outputs: component-</p> <p>c) Provision of Video transmission facility</p> <p>d) Medical graded LCD/LED 26" minimum along with mountings, quoted optionally in the financial offer</p>	<p>a) Integrated digital camera system:</p> <p>b) Resolution: Full HD (1,920*1080 Pixels) Video outputs: 2* HD-SDI or 1*HDMI/DVI-D</p> <p>c) Provision of video transmission facility</p> <p>d) Medical graded LCD/LED 26" minimum along with mountings.</p>
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<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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<p><b>Signatures</b></p>						
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<p><b>ADDITIONAL ACCESSORIES: (Separate price)</b></p> <p>a) Third arm of shadow less light with 160,000 LUX at 1 meter.</p> <p>b) UPS for at-least 2 hours battery backup.</p>	<p>a) Third arm of shadow less light with 160,000 LUX at 1 meter (Optional)</p> <p>b) battery backup for 2 hours (Optional)</p>			<p>a) Yes, Third arm of shadow less light with 160,000 LUX at 1 meter Manufactured By: Medicinos, Lithuania</p> <p>b) Yes, UPS for 2 hours battery backup Manufacturer: APC, USA or Equivalent Supplied Locally</p>	<p><b>ADDITIONAL ACCESSORIES:</b></p> <p>a) Third arm of shadow less light with 160,000 LUX at 1 meter (Optional)</p> <p>b) UPS backup for 2 Hrs recommende c) by OEM (Optional)</p>	<p><b>ADDITIONAL ACCESSORIES:</b></p> <p>a) Third arm of shadow less light with 160,000 LUX quoted optionally in the financial offer</p> <p>b) Backup power module with more than 2 hours backup quoted optionally in the financial offer</p> <p>Operational</p>	<p><b>ADDITIONAL ACCESSORIES:</b></p> <p>a) Third arm of shadow less light with 160,000 LUX at 1 meter.</p> <p>b) UPS for at-least 2 hours battery backup.</p> <p>Backup power system with dry battery (s), with backup time at least 03 hours or more.</p>
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<p><b>TECHNICAL COMMITTEE MEMBERS</b></p> <p><b>Signatures</b></p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p> 	<p>Project Director KICH Peshawar</p> 	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p> 	<p>Bic-Medical Engineer MTI/HMC Peshawar</p> 	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p> 	<p><b>End User</b></p>
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<p>3 OPERATING LAMP WITH CEILING MOUNTED LIGHT (COMPATIBLE WITH LAMINAR FLOW)</p>	<p>M/S Total Technologies OPERATING LAMP WITH CEILING MOUNTED LIGHT (Compatible with Laminar Flow)</p> <p>Model: 560 Make: Emiled Country of Origin: Germany</p>	<p>M/S EASTEN MEDICAL TECHNOLOGY SERVICES</p>	<p>M/S KASBN INTERNATIONAL</p>	<p>M/S RADIANT MEDICAL OPERATING LAMP WITH CEILING MOUNTED LIGHT (Compatible with Laminar Flow)</p> <p>MODEL: 160L MANUFACTURER: MEDICINOS, LITHUANIA COUNTRY OF ORIGIN: LITHUANIA</p> <p>3.1 Yes, LED shadowless operation theater ceiling light, hermetically sealed and dust proof</p>	<p>M/S MEDILAND PAKISTAN OPERATING LAMP WITH CEILING MOUNTED LIGHT (Compatible with Laminar Flow)</p> <p>Make: KLS Marlin GmbH Co+ KG Model: marLED E91 Country of Origin: Germany</p> <p>Technical specifications: 3.1 The special arrangement of the "light engines" inside the light head ensures shadow free illumination no visible screw hermetically sealed dust proof while providing</p>	<p>M/S FRIENDS TRADERS Operating Lamps with Ceiling Mounted Light (Compatible with Laminar Flow)</p> <p>Model: Hyled 760 Make: Mindray Country of Origin: China</p> <p>Technical specifications: 3.1 The Hyled 7 Series surgical light inherits the advanced Shadow-free technology and shows excellent shadow management function. The professional</p>	<p>M/S POPULAR INTERNATIONAL</p>	<p>M/S ELATE C.C</p> <p>Operating Lamp with Ceiling Mounted Light</p> <p>Make: VG Medical, China Model# S628</p> <p>3.1 Shadow less light ceiling type, including single arm, 360 degree rotary stable and suspended. The light should be height adjustable and focused according to the size of the</p>
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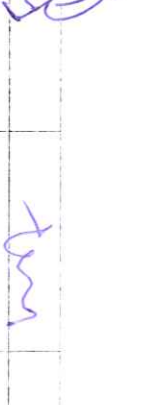


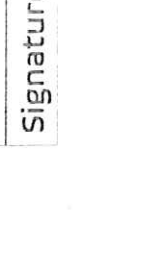


<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p> <p>End User</p>
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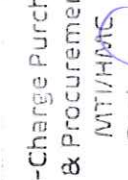
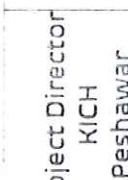
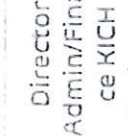
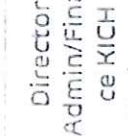

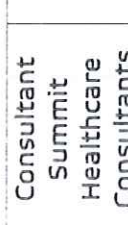
*[Handwritten signatures in blue ink]*



<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4000°-5000° Kelvin.</p>	<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4500±500 Kelvin.</p>	<p>3.2 Yes, Adjustable Light Intensity 80000-160000 LUX at 1 meter distance.</p> <p>3.3 Yes, Color temperature 4500±500 Kelvin.</p>	<p>3.2 Central illumination intensity at 1 meter distance: 160,000 Lux</p> <p>3.3 Colour temperature adjustments by means of 3800/4300/4800 Kelvin</p>	<p>3.2 Hyled 760, Light intensity of main light 160,000 Lux at 1 meter distance.</p> <p>3.3 Color Temperature About 4350k</p>	<p>3.2 Light intensity: Maximum 160,000 Lux + 160,000 or better at 1 meter distance</p> <p>3.3 Color Correction to 4000degKelvin or better</p>
<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4000°-5000° Kelvin.</p>	<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4500±500 Kelvin.</p>	<p>3.2 Yes, Adjustable Light Intensity 80000-160000 LUX at 1 meter distance.</p> <p>3.3 Yes, Color temperature 4500±500 Kelvin.</p>	<p>3.2 Central illumination intensity at 1 meter distance: 160,000 Lux</p> <p>3.3 Colour temperature adjustments by means of 3800/4300/4800 Kelvin</p>	<p>3.2 Hyled 760, Light intensity of main light 160,000 Lux at 1 meter distance.</p> <p>3.3 Color Temperature About 4350k</p>	<p>3.2 Light intensity: Maximum 160,000 Lux + 160,000 or better at 1 meter distance</p> <p>3.3 Color Correction to 4000degKelvin or better</p>
<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4000°-5000° Kelvin.</p>	<p>3.2 Adjustable light intensity 160000 LUX at 1 meter distance.</p> <p>3.3 Color temperature 4500±500 Kelvin.</p>	<p>3.2 Yes, Adjustable Light Intensity 80000-160000 LUX at 1 meter distance.</p> <p>3.3 Yes, Color temperature 4500±500 Kelvin.</p>	<p>3.2 Central illumination intensity at 1 meter distance: 160,000 Lux</p> <p>3.3 Colour temperature adjustments by means of 3800/4300/4800 Kelvin</p>	<p>3.2 Hyled 760, Light intensity of main light 160,000 Lux at 1 meter distance.</p> <p>3.3 Color Temperature About 4350k</p>	<p>3.2 Light intensity: Maximum 160,000 Lux + 160,000 or better at 1 meter distance</p> <p>3.3 Color Correction to 4000degKelvin or better</p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/H/M/C Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/H/M/C Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/H/M/C Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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3.4 Electronic control panel for light field diameter and light adjustment.	light field diameter and light adjustment.	3.4 Yes. Electronic Control Panel for light field diameter and light adjustment.	3.4 All function can be control via an ergonomic flush integrated membrane keypad/electronic panel.	3.4 Touch control panel for light field diameter and light adjustment.	
3.5 Color rendition index of 96 or more.	3.5 Color rendition index of 96	3.5 Yes. Color rendering index of $\geq 96$	3.5 Colour Rendering index 99	3.5 Color rendering index(Ra): 96 Color rendering index(R9): 97	3.5 Colour Rendering index 96 max 98 @ 3500k
3.6 LED life 50,000 hours or better.	3.6 LED life 50,000 hours	3.6 Yes. LED life >50,000 hours or better	3.6 LED lamps have service life of 60,000 hrs	3.6 LED life >60,000 hours	3.6 LED life of 50,000 hours or better
3.7 autoclavable handles.	3.7 Autoclavable handles.	3.7 Yes. 2 x Autoclavable Handles	3.7 Autoclavable / Sterilisable handles	3.7 Sterilisable handle will be provided	3.7 With sterilized handle for movement.
3.8 Operating Voltage 220V, 50Hz.	3.8 Operating Voltage 220V, 50Hz.	3.8 Yes. Operating Voltage 110-240V, 50/60 Hz	3.8 Power Voltages: 100-220V, 50-60 Hz.	3.8 Power supply: 100~240 VAC, 50/60 Hz	3.8 Input power 220VAC, 50 Hz

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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4	OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER)	M/s Total Technologies OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER) Model: 300M+ Make: Emailed	M/s EASTEN MEDICAL TECHNOLOGY SERVICES	M/s KASBN INTERNATIONAL	M/s RADIANT MEDICAL OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER) MODEL: 130EM	M/s MEDILAND PAKISTAN OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER) Make: KLS Martin GmbH Co+ KG Model: marLED E91	M/s FRIENDS TRADERS Operating Lamps Mobile (With Emergency Battery Charger) Model: HYLED 600M Make: Mindray Country of Origin: China	M/s POPULAR INTERNATIONAL	M/s ELATE C.C OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER) Lucky star E528 mobile
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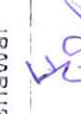

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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<p>4.1 Mobile LED emergency shadow less Operation Theater light Hermetically dust proof LED head.</p>	<p>Country of Origin: Germany</p> <p>4.1 Mobile LED emergency shadow less Operation Theater light. Hermetically dust proof LED head.</p>	<p>4.1 Yes Mobile LED emergency shadow less Operation Theater light. Hermetically dust proof LED head.</p>	<p>MANUFACTURER: MEDICINOS, LITHUANIA</p> <p>COUNTRY OF ORIGIN: LITHUANIA</p> <p>4.1 Yes Mobile LED emergency shadow less operation theater light Yes. hermetically dust proof LED head</p>	<p>Country of Origin: Germany</p> <p>Technical specifications: 4.1 Mobile LED emergency shadow less operation theater light which can easily be transported to the required place for illuminating the cavity of patient. No visible screw connections, seamless cover glasses integrated gaskets innovative joining technology with a first rate cleaning performance.</p>	<p>4.1 Mobile LED emergency shadow less Operation Theater light. HYLELED 600M dust proof LED source surgical light solution for emergency OR and minor surgery</p>	<p>Technical specifications: 4.1 Yes</p>
<p>4.2 Luminance at 1m distance 120,000 lux or above.</p> <p>4.3 Color temperature</p>	<p>4.2 Luminance at 1m distance 160,000 lux</p>	<p>4.2 Yes, Luminance at 1m distance 120,000 lux or above.</p>	<p>4.2 Yes, Luminance at 1m distance 130,000 lux</p>	<p>4.2 Luminance at 1m distance 130,000 lux Boost function: 160,000lux</p>	<p>4.2 Luminance at 1m distance 130,000 lux Boost function: 160,000lux</p>	<p>4.2 Yes</p>
<p>4.3 Color temperature</p>	<p>4.3 Luminance at 1m distance 160,000 lux</p>	<p>4.2 Yes, Luminance at 1m distance 120,000 lux or above.</p>	<p>4.2 Yes, Luminance at 1m distance 130,000 lux</p>	<p>4.2 Luminance at 1m distance 130,000 lux Boost function: 160,000lux</p>	<p>4.2 Luminance at 1m distance 130,000 lux Boost function: 160,000lux</p>	<p>4.3 Yes (140,000lux) 3500-5000k</p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p> 	<p>Project Director KICH Peshawar</p> 	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p> 	<p>Bio-Medical Engineer MTI/HMC Peshawar</p> 	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p> 	<p>End User</p>
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4000°-4500° kelvin or better.	4.3 Color temperature 4500° kelvin.	4.3 Yes Color temperature 4000°-4500° kelvin or better.	4.3 Yes, Color temperature 4500 Kelvins	adjustments by means of 3800/4300/4800 Kelvin	4.3 Color temperature 4350° kelvin	4.4 Dia. 20cm
4.4 Light field diameter between 20 - 24 cm or better (required lux should be available within max. light field area.	4.4 Light field diameter between 15 - 30 cm (required lux should be available within max. light field area.	4.4 Yes Light field diameter between 20 - 24 cm or better (required lux should be available within max. light field area.	4.4 Yes, light field diameter between 09 - 20 cm or better	4.4 Light field diameter (d10 at 1 meter) 180-270mm or 18-27cm	4.4 Light field diameter is 220mm at 1m distance	
4.5 Color rendering index 96 or more.	4.5 Color rendering index 96 or more.	4.5 Yes Color rendering index 96 or more.	4.5 Yes, Color rendering index of ≥96	4.5 Colour Rendering index 99	4.5 Color rendering index (Ra) 96, Color rendering index (R9) 96	4.5 Yes
4.6 LED life 50,000 hours or more.	4.6 LED life 50,000 hours	4.6 Yes LED life 50,000 hours or more.	4.6 Yes, LED life >50,000 hours	4.6 LED lamps have service life of 60,000 hrs	4.6 LED life ≥ 60,000 hours	4.6 Yes
4.7 220 V / 50 Hz 1 phase.	4.7 220 V / 50 Hz 1 phase.	4.7 Yes 220 V / 50 Hz 1 phase.	4.7 Yes, Operating Voltage 110-240V, 50/60 Hz	4.7 Power Voltages: 100-220V, 50-60 Hz.	4.7 Power supply: 100-240V ~ 50/60Hz or DC 24V	4.7 Yes
4.8 Built-in rechargeable battery backup for at least 2 hours.	4.8 Built-in rechargeable battery backup for at least 2 hours.	4.8 Yes Built-in rechargeable battery backup for at least 2 hours.	4.8 Yes, built-in rechargeable battery backup for >3 hours	4.8 Built-in battery backup 2 Hrs	4.8 Power module supply can support up to 10 hour (normal state).	4.8 Yes
4.9 Autoclavable handles.	4.9 Autoclavable handles.	4.9 Yes Autoclavable handles.	4.9 Autoclavable handles for >3 hours	4.9 Autoclavable /Sterilisable handles		4.9 yes

<b>TECHNICAL COMMITTEE MEMBERS</b>	<b>In-Charge Purchase &amp; Procurement</b> MTI/H/MC Peshawar	<b>Project Director</b> KICH Peshawar	<b>Director Finance</b> MTI/H/MC Peshawar	<b>Director Admin/Finance</b> KICH Peshawar	<b>Bio-Medical Engineer</b> MTI/H/MC Peshawar	<b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.	<b>End User</b>
<b>Signatures</b>							







	4.9 Autoclavable handles.	4.9 Yes Autoclavable handles. Yes	4.9 Yes, 2 x Autoclavable Handles	4.9 Sterilisable handle will be provided				
Sr#	ITEM DESCRIPTION	M/S Total Technologies	M/S VITAL CARE	M/S MEDILAND PAKISTAN	M/S VERTEX MEDICAL	M/S FRIENDS TRADERS	M/S POPULAR INTERNATIONAL	M/S HOSPITAL APPLIANCES
5	SOLID STATE ELECTRIC SURGICAL UNIT	SOLID STATE ELECTRIC SURGICAL UNIT Model: HARTT 300 Make: KENTAMED Country of Origin: BULGARIA	SOLID STATE ELECTRIC SURGICAL UNIT Model: MEMB3 Make: KLS Martin Country of Origin: Germany	SOLID STATE ELECTRIC SURGICAL UNIT Model: MEMB3 Make: KLS Martin Country of Origin: Germany	SOLID STATE ELECTRIC SURGICAL UNIT Model: Alpha 1.0 Make: Aprus Country of Origin: Pakistan	SOLID STATE ELECTRIC SURGICAL UNIT Model No: SS5015X MAKE: WIEM / Medtronic / Covidien Country of Origin: BRAZIL	SOLID STATE ELECTRIC SURGICAL UNIT Model : BX-300S Company : Baxter Made in UK	
	4.9 Autoclavable handles.	4.9 Yes Autoclavable handles. Yes	4.9 Yes, 2 x Autoclavable Handles	4.9 Sterilisable handle will be provided				
	5.1 Microprocessor based electro-surgical unit for normal and under water cutting usages.	5.1 Microprocessor based electro-surgical unit for normal and under water cutting usages	5.1 Microprocessor based electro-surgical unit for normal and under water cutting usages	5.1 Microprocessor based electro-surgical unit for normal and under water cutting usages	5.1 Alpha 1.0 is 400Watt Microprocessor controlled electro-surgical unit and is perfect for under water cutting. (Refer Page 1)	5.1 Full processed unit micro	5.1	FEATURES

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
Signatures							

5.2 Automatic self-test function.	5.2 Automatic self-test function.	5.2 Automatic self-test function.	5.2 Alpha 1.0 self-test while turning on the unit (User Manual Page 45,46)	5.2	5.2
5.3 Operation in Radio Frequency range.	5.3 Operation in Radio Frequency range.	5.3 Operation in radio frequency range of 350-500KHz	5.3 Operation in the Radio Frequency range is 500KHz (Brochure Page 2)	5.3	5.3
5.4 Controls for coagulation, spray and blends.	5.4 Controls for cutting, coagulation, spray and blends. Mono polar cutting	5.4 Controls for cutting, coagulation, spray and blends.	5.4 Modes In Alpha 1.0 are Pure Cut, Blend 1, Blend 2, Blend 3, Standard Coag and Spray Coag. Maximum Cutting power is 400W @200Ohm and 300W @ 300Ohm (Brochure Page 1) and Technical Specifications (Brochures Page 2)	5.4	5.4 BIPOLAR COAG – Minimize bleeding by Hand-piece or Foot Switch.
5.5 Mono polar cutting power of 300 watts	5.5 Maximum power of 300 watts	5.5 Monopolar cutting power 400 watts.	5.6 Maximum power Coagulation power	5.5	5.5 MONOPOLAR CUT – PURE and BLEND 1,2,3.
5.6 Mono polar coagulation power of 120 watts.	5.6 COAG. 150 W-PP at 500 Ohm	5.6 Monopolar coagulation power (Contact)	5.6 Maximum power Coagulation power	5.6	
5.7 Bipolar coagulation power of 80 Watts.					







TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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	5.7 Bi COAG 150 watt @ 500 Ohm	Coagulation) is 250Watts. 5.7 Bipolar coagulation power is 100 Watts.	is 120W @500Ohm (Broucher Page 2)	5.6 MONOPOLAR COAG – Contact (General) / Spray (Quick for wide area
5.8 Spray coagulation mode.	5.8 Spray coagulation mode	5.8 Spray coagulation power is 120 Watts	5.7 Bipolar output power is 70W (Broucher Page 2)	5.7 Bipolar remote power adjustment the toolswitches and any hand-activated pencil 5.8
5.9 Floating output with bipolar coagulation	5.9 Floating output with bipolar coagulation	5.9 Bipolar safety coagulation mode with floating output.	5.8 Alpha 1.0 have Spray Coagulation mode (Broucher Page 1) (Broucher Page 2)	5.7 BIPOLAR COAG – Minimize bleeding by Hand-piece or Foot Switch.
5.10 Different gradations of blending of cutting and coagulation power.	5.10 Different gradations of blending of cutting and coagulation power.	5.10 Different gradations of blending of cutting (blend cut Super blend cut) and coagulation power (contact coagulation, spray coagulation and forced prep)	5.9 Bipolar output power is 70W (Broucher Page 2)	5.8 Improved Bipolar Modes for Exquisite Performance
5.11 Digital display of all controls and set values of cutting and coagulation power.	5.11 Digital display of all controls and set values of cutting and coagulation power.	5.11 Digital display of all modes	5.10 Alpha 1.0 has a different gradation of blending and coagulation power (Broucher Page 1) and Technical Specification (Broucher Page 2)	5.9
			5.11 Alpha 1.0 digital displays	5.10 Digital power display in Watts for all the operation modes

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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	can be controlled through rotary knob	output values on the user interface of each mode (Broucher Page 2). It does alarm while there are any errors occur and displays the error code on the user interface. (User Manual Page 60 and 83)	5.11
5.12 Audio and visual alarms on fault occurrence.	5.12 Audio and visual alarms.	5.12	
5.13 Earth free patient circuit.	5.13 Earth patient circuit	5.13	
5.14 Reusable Silicon patient plate (Neonates and Paeds one each)	5.14 Reusable Silicon patient plate (Neonates and Paeds one each)	5.14	5.13 Alpha 1.0 has earth free patient circuit. It has the features of a return electrode monitoring system. (Broucher page 1)
5.15 Double paddle foot switch, explosion proof.	5.15 Double paddle foot switch, explosion proof	5.14	5.14 Reusable Silicon Patient Plates will be provided. 1 double paddle footswitch and 1 single paddle
5.16 Monopolar handle with cord			5.14

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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<p>Bipolar forceps with cord.</p> <p>5.17 Trolley (local) with two shelves having anti-static lockable wheels. 220V, 50 Hz.</p> <p><b>Accessories/ electrodes:</b></p> <p>5.18 Attachment for Monopolar Coagulation Handle with 2 Activating Buttons</p> <p>5.19 Knife Electrode, 25mm Long</p> <p>5.20 Surgical Electrode, Ball-Shaped, 4mm Dia Wire Loop Electrode, 10mm Dia</p> <p>5.21 Needle Electrode, Str. Isolated, 125 mm</p>	<p>5.16 Monopolar handle with cord. Bipolar forceps with cord.</p> <p>5.17 Trolley (local) with two shelves having anti-static lockable wheels. 220V, 50 Hz</p> <p><b>Accessories/ electrodes:</b></p> <p>5.18 Attachment for Monopolar Coagulation Handle with 2 Activating Buttons</p> <p>5.19 Knife Electrode, 25mm Long</p> <p>5.20 Surgical Electrode, Ball-Shaped, 4mm Dia</p>	<p>5.15 Double paddle foot switch, explosion proof.</p> <p>5.16 Monopolar handle with cord. Bipolar forceps with cord.</p> <p>5.17 Trolley local will be provided with two shelves having anti-static wheels, Operating Power: 220-240V AC, 50-60 Hz.</p> <p><b>Accessories:</b></p> <p>5.18 Attachment for Monopolar Coagulation Handle with 2 Activating Buttons</p> <p>5.19 Knife Electrode, 25mm Long</p> <p>5.20 Surgical Electrode, Ball-Shaped, 4mm Dia</p>	<p>Footswitch (Broucher Page 2)</p> <p>5.16 Monopolar handle with cable, Bipolar forceps with cable (Broucher Page 2)</p> <p>5.17 Trolley (local) with two shelves having anti-static lockable wheels will be provided Input Voltage of Alpha 1.0 is 220V, 50Hz. (User Manual Page 76)</p> <p><b>Accessories:</b></p> <p>5.18 Attachment for Monopolar Coagulation Handle with 2 Activating Buttons will be provided</p> <p>5.19 Knife Electrode, 25mm Long will be provided</p>	<p>5.15 BIPOLAR CUT – Low Hemostasis using Foot Switch.</p> <p>5.16 BIPOLAR CUT – Low Hemostasis using Foot Switch.</p> <p>5.17</p> <p>5.18</p> <p>5.19 Compatible with argon plasma coagulator</p> <p>5.20</p>
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<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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						<ul style="list-style-type: none"> <li>• 1 reusable finger-switch handle with 3 m cable</li> <li>• 6 monopolar electrodes</li> <li>• 10 single use split neutral electrodes (NE)</li> </ul>					<ul style="list-style-type: none"> <li>• incremental system to perform in high impedance tissue</li> <li>• memory storage for all settings in 3 rewritable positions</li> </ul> <p>The Electrosurgical Generator improving the standard and care for advance surgical procedures in the operating room by making positive outcomes associated with electro surgery accessible</p> <p>The generator offer value to your patient by delivering quality combining the required functionality of an electrosurgical generator with the right safety features</p>	<ul style="list-style-type: none"> <li>• BIPOLAR CUT – Low Hemostasis using Foot Switch.</li> </ul>
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<b>TECHNICAL COMMITTEE MEMBERS</b>	<b>In-Charge Purchase &amp; Procurement</b> MTI/HMC Peshawar	<b>Project Director</b> KICH Peshawar	<b>Director Finance</b> MTI/HMC Peshawar	<b>Director Admin/Finance</b> KICH Peshawar	<b>Bio-Medical Engineer</b> MTI/HMC Peshawar	<b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.	<b>End User</b>
<b>Signatures</b>							

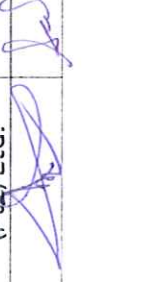


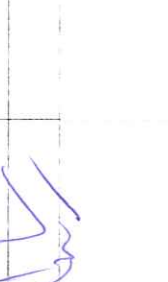
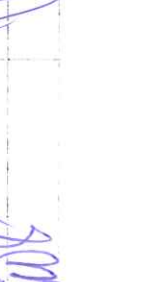


Sr#	ITEM DESCRIPTION	M/s Total Technologies	M/s DIGIONICS	M/s EASTEN MEDICAL TECHNOLOGY SERVICES	M/s MEDILAND PAKISTAN	M/s FRIENDS TRADERS	M/s ELATE C.C
6	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR Model: Leon Plus Make: Lowenstein Medical Country of Origin: Germany	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR Model# PRIMA 460 & ANAVUE 4000 MAKE: PENLON - UK.	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR Model: Flow-IC20 Make: Geinge Group Maquet Critical Care Country of Origin: Sweden	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR Model: Anesthesia A7 with Umec15 Patient Monitor Make: Mindray Country of Origin: China	ANESTHESIA WORKSTATION HAVING NEONATAL MODE WITH PATIENT MONITOR Model# Morphheus ND Code: MND.Se-T Make: Siare, Italy	
	6.1 Comprehensive latest anesthesia machine for Neonates & Pediatric applications to administer anesthetic agents in precise control and flow manner.	6.1 Comprehensive latest anesthesia machine for Neonates & Pediatric applications to administer anesthetic agents in precise control and flow manner.	6.1 Anesthesia machine to administer anesthetic agents in precise control and flow manner for Adult, Pediatric and Neonates. The machine is equipped to monitor the vital sign parameters and anesthetic agents during operation	6.1 Comprehensive latest anesthesia machine for Neonates & Pediatric applications to administer anesthetic agents in precise control and flow manner.	6.1 Comprehensive latest anesthesia machine for Neonates & Pediatric applications to administer anesthetic agents in precise control and flow manner.	6.1 Anesthesia work station machine A7, a digital gas mixer with Low Flow Optimizer makes gas delivery precise and low flow possible. Brochure Page 2	6.1 Yes
	6.2 Mobile 3 gases O2/N2O/AIR	6.2 Mobile 3 gases O2/N2O/AIR		6.2 Mobile 3 gases O2/N2O/AIR, II Company of the	6.2 Mobile 3 gases O2/N2O/AIR, II TDS Page 3	6.2 Yes	

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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<p>6.2 Mobile 3-gases O<sub>2</sub>/N<sub>2</sub>O/AIR.</p> <p>6.3 It must comprise of the following components:</p> <p>a) Non-interchangeable pipeline inlets</p> <p>b) Pipeline &amp; cylinder gauges for O<sub>2</sub>, N<sub>2</sub>O and AIR</p> <p>c) Central gas/electronically driven unit.</p> <p>d) The machine will be run on the central medical gases and require the hose for connection.</p>	<p>6.2 3-Gas Mobile Anesthesia System O<sub>2</sub>, N<sub>2</sub>O and Air</p> <p>6.3 The Prima 460 Anesthesia Machine consists of:</p> <p>a) Pin indexed non-interchangeable inlet connections</p> <p>b)</p> <p>c) Central Gas Pipeline fittings and Gauges.</p> <p>d) 1xO<sub>2</sub>, 1xN<sub>2</sub>O and Air pressure Gauges for central gas supply</p>	<p>6.3 It comprises of the following components</p> <p>a) Non-interchangeable pipeline inlets</p> <p>b) pipeline &amp; cylinder gauges for O<sub>2</sub>, N<sub>2</sub>O and AIR</p> <p>c) Central gas/electronically driven unit</p> <p>d) The machine on the central medical gases and require the hose for connection.</p> <p>Hose pair both for Oxygen and Nitrous Oxide will be the pair</p>	<p>following components</p> <p>6.3 it consists:</p> <p>a) Non-interchangeable pipeline inlets</p> <p>b) Pipeline &amp; cylinder gauges for O<sub>2</sub>, N<sub>2</sub>O and AIR</p> <p>c) Central gas/electronically driven unit.</p> <p>d) The machine run on the central medical gases and require the hose for connection. A 10m hose pair both for Oxygen and Nitrous Oxide will be</p>	<p>6.3 Yes</p> <p>a) Yes</p> <p>b) Yes</p> <p>c) Electronically gas driven</p> <p>d) Yes</p>
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<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/PHAC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/PHAC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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<p>A 10m hose pair both for Oxygen and Nitrous Oxide will be the part of the machine. For emergency, Pin indexed cylinder yokes for Oxygen (One) &amp; N2O (One) will be installed in the machine. (size will be as per standard of Low nitrogen material)</p>	<p>of the machine. For emergency, Pin indexed cylinder yokes for Oxygen (One) &amp; N2O (One) will be installed in the machine.</p>	<p>provided with the machine. For emergency, Pin indexed cylinder yokes for Oxygen (One) &amp; N2O (One) will be installed in the machine. TDS Page 3</p>		<p>and Nitrous Oxide is the part of the machine. For emergency, Pin indexed cylinder yokes for Oxygen (One) &amp; N2O (One) will be installed in the machine.</p>	<p>provided with the machine. For emergency, Pin indexed cylinder yokes for Oxygen (One) &amp; N2O (One) will be installed in the machine. TDS Page 3</p>	<p>e) Yes f) Yes g) Yes h) Yes</p>
<p>e) Cylinders will be provided (1xO2 and 1xN2O; Pin indexed BS standard) will be provided locally</p>	<p>e) Cylinders will be provided (1xO2 and 1xN2O; Pin indexed BS standard)</p>	<p>e) Cylinders will be provided (1xO2 and 1xN2O; Pin indexed BS standard) will be provided</p>		<p>e) Cylinders will be provided (1xO2 and 1xN2O; Pin indexed BS standard)</p>	<p>e) Cylinders will be provided (1xO2 and 1xN2O; Pin indexed BS standard) will be provided</p>	<p>e) Yes</p>
<p>f) Gas outlet and O2 flush control</p>	<p>f) Gas outlet and O2 flush control</p>	<p>f) O2 gas outlet and O2 flush control. Flow rate: 35 to 50 L/min TDS Page 3</p>		<p>f) Gas outlet and O2 flush control</p>	<p>f) O2 gas outlet and O2 flush control. Flow rate: 35 to 50 L/min TDS Page 3</p>	<p>f) Yes</p>
<p>g) One auxiliary O2 outlet</p>	<p>g) One auxiliary O2 outlet</p>	<p>g) One auxiliary O2 outlet</p>		<p>g) One auxiliary O2 outlet</p>	<p>g) One auxiliary O2 outlet</p>	<p>g) Yes</p>
<p>h) Lockable castors (front)</p>	<p>h) Lockable castors (front)</p>	<p>h) Lockable castors</p>		<p>h) Lockable castors</p>	<p>h) Lockable castors</p>	<p>h) Yes</p>
<p>i) Impact resistant &amp; easy to clean frame</p>	<p>i) Impact resistant &amp; easy to clean</p>	<p>i) Impact resistant &amp; easy to clean</p>		<p>i) Impact resistant &amp; easy to clean</p>	<p>i) Impact resistant &amp; easy to clean</p>	<p>i) Yes</p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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i) Impact resistant & easy to clean frame	CGX frame Fiber construction for easy cleaning has provision of maintaining point for V socket	Frame	i) Resistance to Ingress of Fluids: Complies with the requirements of clause 11.6.3 in IEC 60601-1 and also the requirements in IEC 60529 for protection against vertically falling water drops equipment (IPX1) TDS Page 1	i) Yes
j) Stainless steel/fiber work surface	j) Fiber work surface	j) Fiber work surface	j) Work Surface (Stainless steel) TDS Page 1	j) Fiber work Surface
k) Absorber bag support arm	k) SP200 IKG CO2 Absorber complete with valve for bag/ventilator	k) Absorber bag support arm	k) Bag Arm TDS Page 1, Operational Manual Page 1-20, 1-21	k) Yes
l) Three gas digital flow meters for precise control and monitoring of gases.	l) Three Gas Digital Flowmeter with digital display and virtual tubes for precise control and monitoring of gases each for 1xO2, 1xN2O and 1xAir	l) Three gas digital flow meters for precise control and monitoring of gases  Isoflurane and Sevoflurane vaporizer Model: Vaporizer Agents: Isoflurane & Sevoflurane	l) Three gas digital flow meters for precise control and monitoring of gases. TDS Page 2	l) Electronic gas mixing electronically controlled flow
m) Pre-calibrated two	m) Pre-calibrated two	m) Pre-calibrated		








TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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	<p>m) Pre calibrated two Vaporizers of Isoflorane &amp; Sevoflorane; temperature and flow compensated.</p>	<p>Vaporizers of Isoflorane &amp; Sevoflorane; temperature and flow compensated.</p>	<p>m) Pre calibrated Vaporizer for Sevoflurane. Temperature and Flow compensated</p>	<p>two Electronic Vaporizers of Isoflorane &amp; Sevoflorane; temperature and flow compensated.</p>	<p>m) Yes</p>
<p>n) 2xDrawer units not less than 6" high</p>	<p>n) 2xDrawer units less than 6" high</p>	<p>n) 2xDrawer units 6" high</p>	<p>n) 2x drawer for patient circuit storage</p>	<p>n) 2xDrawer units 6" high</p>	<p>n) 1 drawer Unit</p>
<p>a) Power outlet with 3/4 socket outlets to connect the auxiliary equipment</p>	<p>a) Power outlet 4 socket outlets to connect the auxiliary equipment.</p>	<p>a) Power outlet with 3 socket outlets to connect the auxiliary equipment.</p>	<p>a) 3x Power outlets to connect auxiliary equipments</p>	<p>a) Auxiliary Electrical Outlets Number of Outlets: 4 Output Current: 3 A for each outlet, 5 A for total TDS Page 1</p>	<p>a) Yes</p>
<p>p) CO2 absorber, around 1kg. Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece.</p>	<p>p) CO2 absorber, around 1.5kg. Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece. Additional connector</p>	<p>p) CO2 absorber, 1kg. Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece. Additional piece.</p>	<p>p) CO2 absorber, around 1kg. Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece. Additional piece.</p>	<p>p) CO2 absorber, around 1kg. Complete with valve for bag/ventilator, manometer, breathing bags, breathing tube, mounts and Y-piece.</p>	<p>p) 1.5 kg</p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/H/MIC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/H/MIC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/H/MIC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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<p>piece. Additional breathing hose and connector.</p>	<p>q) Scavenging system passive type</p>	<p>Additional breathing hose / circuit and connector / adaptor will be provided TDS Page 3</p>	<p>q) Yes</p>
<p>r) Automatic air-oxygen blending mechanism for precise delivery.</p>	<p>r) Automatic electronic servo controlled air-oxygen blending mechanism for precise delivery.</p>	<p>q) Anesthetic Gas Scavenging System (AGSS) passive type will be provided TDS Page 1</p>	<p>r) Yes</p>
<p>s) Machine should be capable of holding two vaporizers at least</p>	<p>s) Machine capable of holding two vaporizers at least</p>	<p>r) Electronic Flow control system (Electronic Mixer) TDS Page 3</p>	<p>s) Yes</p>
<p>t) Automatic shut down the gas hose in case of machine failure.</p>	<p>t) Automatic shut down the gas hose in case of machine failure.</p>	<p>s) The A7 comes standard with a two vaporizer mount. TDS Page 1, Operational Manual Page 1-5</p>	<p>t) Yes</p>
<p></p>	<p>• The ventilator will be supplied with complete drive hose and power cable.</p>	<p>t) Automatic shut down the gas hose in case of machine failure. Operational Manual Page 7-3</p>	<p></p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color LCD/TFT Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color TFT Screen</p>	<ul style="list-style-type: none"> <li>1x O2, 1x N2O Gauges for Cylinders</li> <li>Pin indexed cylinder yokes for O2 and N2O (1 Each)</li> <li>Swivel Absorber mounting Arm</li> <li>Manometer</li> <li>Breathing bags</li> <li>Passive Scavenging System</li> <li>Automatically blends air and oxygen for precise delivery</li> <li>Capability to hold 2x Vaporizer simultaneously</li> <li>Automatic shut down gas hose in case of machine failure</li> </ul>	<p>220V, 50 Hz operated.</p> <ul style="list-style-type: none"> <li>The lightweight electronic injector vaporizers ensure accurate delivery of anesthetic agent even in low flow anesthesia, and switching between agents is easily achieved simply by touching the intuitive system display.</li> </ul>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" color LED Touch Screen.</p>
<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" or more color LCD/TFT Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" color LED Touch Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" color LED Touch Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" color LED Touch Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with 15" color LED Touch Screen.</p>
<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color LCD/TFT Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color TFT Screen</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>
<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color LCD/TFT Screen.</p>	<p>ANESTHESIA VENTILATOR: 6.4 Anesthesia Ventilator with minimum 15" or more color TFT Screen</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>	<p>ANESTHESIA VENTILATOR MODEL PENLON AV-S 6.4 AV-S with 15" TFT Color Touchscreen display monitor</p>
<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>
<p>Signatures</p>	<p>Signature</p>	<p>Signature</p>	<p>Signature</p>	<p>Signature</p>

<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
<p>53   49</p>							

<p>6.5 The ventilator shall also be capable of ventilating pediatric patients.</p> <p>6.6 The ventilator shall have following features as a minimum requirement:</p> <p>a) Volume Preset Time Cycled Ventilator (IPPV Mode)</p> <p>b) Pressure Controlled and pressure support Modes.</p>	<p>6.5 The ventilator is capable of ventilating pediatric patients.</p> <p>6.6 The ventilator shall have following features as a minimum requirement:</p> <p>a) Volume Preset Time Cycled Ventilator (IPPV Mode)</p> <p>b) Pressure Controlled and pressure support Modes.</p>	<p>6.5 The Ventilator is capable to ventilate Adult and Pediatric patients</p> <p>6.6 Modes of ventilation:</p> <p>a) Volume Control</p> <p>b) Pressure controlled and Support Mode.</p>	<p>6.5 The ventilator capable of ventilating pediatric patients.</p> <p>6.6 The ventilator have following features as a minimum requirement</p> <p>a) Volume Preset Time Cycled Ventilator (IPPV Mode)</p> <p>b) Pressure Controlled and Pressure support Modes</p> <p>c) Breathing mode Selection (standby / Volume /</p>	<p>6.5 The ventilator is capable of ventilating pediatric patients.</p> <p>TDS Page 1</p> <p>6.5</p>	<p>with touch screen. The ventilator is capable of ventilating pediatric patients.</p>	<p>6.5 All three adult, peds and neonates.</p> <p>6.6 yes</p> <p>a) yes</p> <p>b) yes</p>
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<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p><b>In-Charge Purchase &amp; Procurement</b> MTI/H/MC Peshawar</p>	<p><b>Project Director</b> KICH Peshawar</p>	<p><b>Director Finance</b> MTI/H/MC Peshawar</p>	<p><b>Director Admin/Finance</b> KICH Peshawar</p>	<p><b>Bic-Medical Engineer</b> MTI/H/MC Peshawar</p>	<p><b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.</p>	<p><b>End User</b></p>
<p><b>Signatures</b></p>							

c) Breathing Mode Selection (Standby / Volume / Spontaneous and Pressure)	Spontaneous and Pressure)	c) Spontaneous / Volume / Standby & Pressure.	Breathing Mode Selection (Standby / Volume / Spontaneous and Pressure)	TDS Page 2 c) Breathing Mode Selection (Standby / Volume / Spontaneous and Pressure) TDS Page 2, Operational Manual Page 3-2, 3-3	c) yes
d) Built in Oxygen Monitor	Built in oxygen Monitor	d) Built in Oxygen Monitor	Built in Oxygen Monitor	d) Built in Oxygen Monitor Galvanic fuel cell TDS Page 4, Operational Manual Page 12 - 26	d) yes
e) Inverse I:E ratio Capability	Inverse I:E ratio Capability	e) Inverse I:E Ratio Capability	Inverse I:E ratio Capability	e) Inverse I: E Ratio Capability. I:E Range: 4:1 - 1:8 (increments of 0.5) TDS Page 2	e) from 1:10 to 4:1
f) Gas Specific Input Connectors (Air or Oxygen ISO or ANSI Standards)	gas Specific input Connectors (air or oxygen ISO or ANSI Standards)	f) ISO Standard gas specific input connector (Air or Oxygen)	Gas Specific Input Connectors (Air or Oxygen ISO Standards)	f) Gas Configuration: O2, N2O and Air Pipeline input range: 280 to 600 kPa (40 to	f) yes

TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/HMC Peshawar	Project Director KICH Peshawar	Director Finance MTI/HMC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/HMC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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Signatures

*[Handwritten signatures in blue ink]*

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	<p>g) Tidal Volume from 10ml to 1400ml</p> <p>h) Rate or Frequency 4 to 60 bpm or better</p> <p>i) PEEP</p> <p>j) Inspiratory Pressure Limit</p>	<p>g) Tidal Volume from 3ml to 1600ml</p> <p>h) Rate or Frequency 4 to 80 bpm</p> <p>i) PEEP</p> <p>j) Inspiratory Pressure Limit</p>	<p>g) Tidal volume : 20 - 1600 ml (Volume Control)</p> <p>h) Frequency : 4 - 100 breath /min.</p> <p>i) PEEP : 4 - 30 cmH2O.</p> <p>j) Pressure limit : 10-80 cm H2O.</p>	<p>g) Tidal Volume from 5 ml to 2000ml</p> <p>h) Rate or Frequency 4 to 100 bpm</p> <p>i) PEEP</p> <p>j) Inspiratory Pressure Limit</p>	<p>87 psi) Pipeline connections: DISS or NIST TDS Page 2</p> <p>g) Tidal Volume Range: 5-1500ml 20 -1500ml 20 - 1500 ml(Volume Mode) 5 -1500 ml (Pressure Mode) TDS Page 2</p> <p>h) Rate or frequency 4 to 100 bpm TDS Page 2</p> <p>i) Electronically controlled PEEP Range: OFF, 3 to 30 cmH2O TDS Page 2</p> <p>j) Inspiratory Pressure Limit Pressure (Plimit) Range: 10 -100 cmH2O TDS Page 2</p>	<p>g) 2 to 1500ml</p> <p>h) 4 to 150 bpm</p> <p>i) From OFF, 2 to 30 cmH2</p> <p>j) PInsp: from 2 to 80 cmH2O</p>
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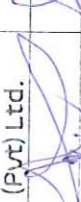






<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MITI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MITI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MITI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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*[Handwritten signatures in blue ink]*

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<p>k) Pressure and Volume Loops</p> <p>l) Power Supply 220 VAC, 50 Hz</p> <p>m) Battery Backup (100 Minutes)</p> <p>n) Low / High FIO2 Alarm</p>	<p>k) Pressure and Volume Loops</p> <p>l) General: AC 220 V/50Hz Built-in rechargeable battery for at least 1 - 2-hour AC powerfailure at full parameter</p> <p>j) Power Supply : 220 VAC, 50 HZ</p> <p>m) Battery back time for 60min.</p> <p>n) Low / High FIO2 Alarm</p>	<p>k) Spirometry Loops: Pressure Volume, Flow-Volume, Pressure-Flow TDS Page 1</p> <p>l) Power Supply Input Voltage: 100-240 VAC, 50/60 Hz, 7A max</p> <p>TDS Page 1</p> <p>m) Battery Run-time: New battery: minimum 90 minutes under typical operating conditions TDS Page 1</p> <p>n) Low / High FIO2 Alarm FIO2 High: The greater of 2) and (FIO Low+ 1)</p>	<p>k) Yes</p> <p>l) &gt;30 min</p> <p>m) Yes</p> <p>n) Yes</p>
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<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
<p>Signatures</p>							

	<p>a) Incorrect Rate or Ratio alarm</p> <p>b) Mains Failure alarm</p> <p>c) Low battery alarm,</p>	<p>a) Incorrect Rate or ratio alarm</p> <p>b) Mains Failure alarm</p> <p>c) Low Battery alarm</p>	<p>a) Incorrect Rate or Ratio Alarm</p> <p>b) MAIN Failure Alarm</p> <p>c) Low battery alarm</p> <p>• Hypoxic Guard</p>			<p>to 100%</p> <p>H<sub>2</sub>O<sub>2</sub> Low: 18 to the lesser of 98 and (FIO High-1)%</p> <p>TDS Page 3</p> <p>a) Incorrect rate or Ratio indication while setting values TDS Page 3, Operational Manual 6-3</p> <p>b) Time to Shutdown from Lower Battery Alarm: 5 minutes minimum (new fully-charged battery)</p> <p>TDS Page 1 and Operational manual Page 12-5</p> <p>c) Low battery alarm. Operational Manual Page 1-7</p>	<p>o) Yes</p> <p>p) Yes</p> <p>q) Yes</p>
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<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement</p> <p>MITI/HMC</p> <p>Peshawar</p>	<p>Project Director</p> <p>KICH</p> <p>Peshawar</p>	<p>Director Finance</p> <p>MITI/HMC</p> <p>Peshawar</p>	<p>Director Admin/Finance</p> <p>KICH</p> <p>Peshawar</p>	<p>Bio-Medical Engineer</p> <p>MITI/HMC</p> <p>Peshawar</p>	<p>Consultant</p> <p>Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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*[Handwritten Signature]*

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	<p>6.7 The ventilator shall be supplied with complete drive hose and power cable. 220V, 50 Hz operated.</p>	<p>6.7 The ventilator shall be supplied with complete drive hose and power cable. 220V, 50 Hz operated.</p>	<p>6.7 The ventilator shall be supplied with complete drive hose and power cable. Power Supply Input Voltage: 100-240 VAC, 50/60 Hz, 7A max TDS Page</p>	<p>6.7 yes 220 v .50Hz</p>			
<p>Pressure and Volume Spirometry Loops High / Low Pressure Alarm The Ventilator will be supplied with complete drive hose and power cable SIMV</p>	<p>6.7 The ventilator supplied with complete drive hose and power cable. 220V, 50 Hz operated.</p>	<p>PATIENT MONITOR (NEONATE &amp; PAEDS) Model: IM-80 Make: EDAN Instruments INC. Country of Origin: China 6.8 Screen size: min. 15" TFT/LCD color display. Parameters: a) ECG b) NON-INVASIVE BLOOD PRESSURE (NIBP):</p>	<p>PATIENT MONITOR (NEONATE &amp; PAEDS) Umecl5 Minday</p>	<p>6.8 yes 15"</p>			
<p>• Pressure and Volume Spirometry Loops • High / Low Pressure Alarm • The Ventilator will be supplied with complete drive hose and power cable • SIMV</p>	<p>PENLON MODULAR VITAL SIGN MONITOR MODEL (Annayue 4000)</p> <p>6.8 17" LCD/TFT touch screen for display of vital sign parameters a) ECG with 5 Leads</p>	<p>Vital sign monitor. Model: Efficia CM-150 Make: Philips, Netherlands Supplied by GETINGE CRITICAL CARE d 6.8 Screen size: 15" TFT LCD Touch color display. Parameters: a) ECG b) NON-INVASIVE BLOOD PRESSURE</p>	<p>PATIENT MONITOR (NEONATE &amp; PAEDS) Umecl5 Minday</p>	<p>6.8 yes 15"</p>			
<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KIC Peshawar</p>	<p>Project Director KIC Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
<p>Signatures</p>							

<p>c) Pulse Oximetry</p> <p>d) INVASIVE BLOOD PRESSURE (IBP): IBP Dual Channel /Three Channel</p>	<p>c) Pulse Oximetry</p> <p>d) INVASIVE BLOOD PRESSURE (IBP): IBP Dual Channel</p>	<p>b) NIBP with reusable single hose cuffs for adults</p> <p>c) SpO2 (Equivalent motion tolerance technology for reusable cable and sensors for adult)</p> <p>d) HR</p>	<p>BLOOD PRESSURE (NIBP):</p> <p>c) Pulse Oximetry</p> <p>d) INVASIVE BLOOD PRESSURE (IBP): BP 2 Channel, BP 2 Channel TDS Page 1</p> <p>e) Capnography (EtCO2)</p> <p>f) Side stream measurement Printer</p>	<p>(NIBP) TDS Page 1</p> <p>c) Pulse Oximetry (SPO2), TDS Page 1</p> <p>d) INVASIVE BLOOD PRESSURE (IBP) TDS Page 1</p> <p>e) CAPNOGRAPHY (EtCO2):</p> <p>f) Sidestream measurement TDS Page 1</p>	<p>yes</p> <p>yes</p> <p>yes</p>
<p>e) CAPNOGRAPHY (EtCO2)</p> <p>f) Main or side Stream measurement Printer</p>	<p>e) CAPNOGRAPHY (EtCO2) (available in anaesthesia machine)</p> <p>f) Side Stream measurement Printer</p>	<p>e) HR</p>	<p>Operating Requirements:</p>	<p>Operating Requirements:</p>	<p>yes</p>
<p>Operating Requirements:</p>	<p>Operating Requirements:</p>	<p>Operating Requirements:</p>	<p>Operating Requirements:</p>	<p>Operating Requirements:</p>	<p>yes</p>







<p>TECHNICAL COMMITTEE MEMBERS</p>	<p>In-Charge Purchase &amp; Procurement MTI/HMC Peshawar</p>	<p>Project Director KICH Peshawar</p>	<p>Director Finance MTI/HMC Peshawar</p>	<p>Director Admin/Finance KICH Peshawar</p>	<p>Bio-Medical Engineer MTI/HMC Peshawar</p>	<p>Consultant Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
<p>Signatures</p>							

<p><b>Operating Requirements:</b> 6.8 AC 220 V/50Hz Built-in rechargeable battery for at least 1 - 2-hour AC power failure at full parameter.</p> <p><b>Note:</b> The system must be complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters for neonates and Pediatrics: reusable type.</p>	<p>AC 220 V/50Hz Built-in rechargeable battery for at least 6.5-hour AC power failure at full parameter.</p> <p><b>Note:</b> OK</p> <p><b>Additional Features</b></p> <ul style="list-style-type: none"> <li>Minimal tidal volume range in VCV 3ml</li> <li>Patient Module Plug &amp; Play</li> <li>Patient Module autochargeable</li> </ul>	<ul style="list-style-type: none"> <li>TEMP with Nasal Probe</li> <li>RESPIRATION</li> </ul> <p>2 hours battery back-up 220V, 50Hz operated</p> <p><b>Note:</b> The system must be complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters for neonates and pediatric: reusable type</p>	<p><b>Note:</b> The system is complete with all sensors, probes, cables or any other accessories required for measuring all the above selected parameters for neonates and Pediatrics: reusable type</p> <p><b>ADDITIONAL FEATURES</b></p> <ul style="list-style-type: none"> <li>Electronic vaporizer: The lightweight electronic injector vaporizers ensure accurate delivery of</li> </ul>	<p><b>Operating Requirements:</b> AC voltage: 100 to 240 VAC, 50/60Hz Built-in chargeable Lithium-ion battery Run time: 2.5 hrs (2500mAh) TDS Page 1</p> <p><b>Note:</b> The system will be complete with all sensors, probes, cables and other accessories required for measuring all the above selected parameters for neonates and Pediatrics: reusable type and as per manufacturer provision and recommendation</p>	<p>220v, 120min</p>		
<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p><b>In-Charge Purchase &amp; Procurement</b> MTI/HMC Peshawar</p>	<p><b>Project Director</b> KICH Peshawar</p>	<p><b>Director Finance</b> MTI/HMC Peshawar</p>	<p><b>Director Admin/Finance</b> KICH Peshawar</p>	<p><b>Bio-Medical Engineer</b> MTI/HMC Peshawar</p>	<p><b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.</p>	<p><b>End User</b></p>
<p><b>Signatures</b></p>							<p>41   49</p>

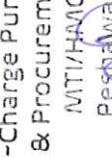

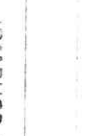




	<ul style="list-style-type: none"> <li>• Universal ventilator bellow for all patient category</li> <li>• Electronic Gas Mixing</li> <li>• Integrated Suction System</li> <li>• Flow sensor plug &amp; play and autoclavable</li> </ul>			<p>anesthetic agent even in low flow anesthesia, and switching between agents is easily achieved simply by touching the intuitive system display.</p> <ul style="list-style-type: none"> <li>• Vaporizers can be refilled while slotted in the machine — even when one is still in use.</li> <li>• Time-consuming calibration is eliminated as the vaporizers are fully tested during the system checkout.</li> <li>• Additionally, there is no need to heat the Desflurane vaporizer prior to use.</li> <li>• DISPLAY : Touch Screen</li> <li>• FLOW- features the innovative VOLUME REFLECTOR technology ensuring that the breathing circuit will never be empty and ventilation will remain uninterrupted regardless of surgical</li> </ul>	
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TECHNICAL COMMITTEE MEMBERS	In-Charge Purchase & Procurement MTI/H/MC Peshawar	Project Director KICH Peshawar	Director Finance MTI/H/MC Peshawar	Director Admin/Finance KICH Peshawar	Bio-Medical Engineer MTI/H/MC Peshawar	Consultant Summit Healthcare Consultants (Pvt) Ltd.	End User
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							<p>constraints, changing conditions, or patient position.</p> <ul style="list-style-type: none"> <li>• FLOW-i reacts quickly to changing parameters. The low inhaled system volume enables rapid changes in gas concentration when needed, and facilitates fast wash-in and wash-out of anesthetic agent.</li> <li>• FLOW-i high-performance ventilation features: Set tidal volume is accurately delivered in spite of high abdominal and thoracic pressure, helping to avoid hypoventilation.</li> <li>• Fast rise time and high flow rates adapt to varying inspiratory demand in the presence of increasing airway pressure.</li> <li>• Sensitive triggering improves synchrony in pediatric patients and</li> </ul>	
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<b>Signatures</b>							

							those with decreased respiratory drive.	
							<ul style="list-style-type: none"> <li>Controlled pressure drop during expiration decreases expiratory resistance and work of breathing, in addition to minimizing auto PEEP at higher respiratory rates.</li> <li>Maintains consistent and accurate PEEP levels.</li> <li>Cost effective agent delivery FLOW i minimizes waste and unnecessary use of agent through precise delivery technology.</li> <li>The set fresh gas volume, during automatic ventilation, is delivered during the inspiration phase and the fresh gas flow is limited to set minute volume.</li> <li>Reading lamp</li> <li>Adjustable LED light integrated into the display arm</li> <li>Battery: Operating time Approx. 90 minutes</li> </ul>	

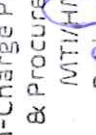
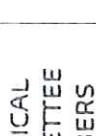
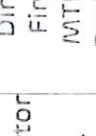
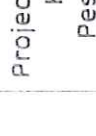
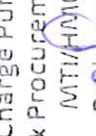
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<b>Signatures</b>							

				<ul style="list-style-type: none"> <li>Respiratory monitoring</li> <li>Administrative breaths (1-100:1)</li> <li>breath/minute</li> <li>Tidal Volume: from 5 ml to 2000ml</li> <li>Automatic Electronic gas blending ensures precise and accurate gas mixing</li> </ul>	
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<b>Additional Features</b>	M/s Total Technologies OPERATING TABLE FOR VARIOUS SPECIALTIES & SUB SPECIALTIES Model: SC 330 Make: Lojer Country of Origin: Finland weight bearing capacity of 450 Kg while required is 250 kg.	M/s EASTEN MEDICAL TECHNOLOGY SERVICES	M/s KASBN INTERNATIONAL	M/s RADIANT MEDICAL OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM (Compatible with Laminar Flow) MODEL: 160L/160L	M/s MEDILAND PAKISTAN OT table: Model: OPX Mobilis RC 40 Make: Schmitz Country of Origin: Germany Battery charge indicator Activation key Backlit control key Zero pollution	M/s FRIENDS TRADERS	M/s POPULAR INTERNATIONAL	M/s ELATE C.C
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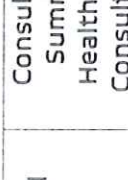
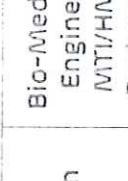
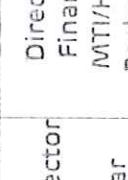
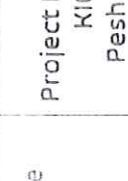
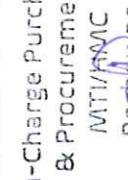
<b>TECHNICAL COMMITTEE MEMBERS</b>	<b>In-Charge Purchase &amp; Procurement</b> MTI/HMC Peshawar	<b>Project Director</b> KICH Peshawar	<b>Director Finance</b> MTI/HMC Peshawar	<b>Director Admin/Finance</b> KICH Peshawar	<b>Bio-Medical Engineer</b> MTI/HMC Peshawar	<b>Consultant</b> Summit Healthcare Consultants (Pvt) Ltd.	<b>End User</b>
<b>Signatures</b>							

<p>Leg positions can be rotate at 90 degree up and 90 degrees downward. This table is modular solution, all the parts are detachable easily.</p> <p><b>OPERATING LAMPS WITH CEILING MOUNTED WITH BUILT IN CAMERA AND RECORDING SYSTEM</b> (Compatible with Laminar Flow) Model: 560 /560 Make: Emaled Country of Origin: Germany The Dome design is hollow that do not disrupt the clean air flow of air from laminar air flow.</p>	<p><b>MANUFACTURER:</b> MEDICINOS, LITHUANIA <b>COUNTRY OF ORIGIN:</b> LITHUANIA <b>Additional Features:</b> a. Illumination depth (L1 + L2) (mm) &gt;1000 b. Light intensity control 10% - 100% c. Diameter of spot (mm) 160 - 300 d. Increase of Temperature at Head Light (°C) ≤2 e. ENDO Mode</p> <p><b>OPERATING LAMP WITH CEILING MOUNTED LIGHT</b></p>	<p>5th Directional castors Mobile base in shock resistant material Three way paddle <b>OT light Model: E91 + E91 and E91</b> Make: KLS MARTIN Country of Origin: Germany Anti-drifting system in cardiac joint arm to prevent free motion. Red rendering index 99 Endo mode Mar touch remote control to control all lights and camera.</p>			
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<p>Signatures</p>	<p style="text-align: right;">46   49</p>						



	<p>We offered battery backup from manufacturer, tested and certified while UPS are supplied locally that is not certified and tested.</p> <p>Each dome consist 70 Nos. of LED's that provides a uniform intensity of lights.</p> <p>Low head release of the light heads High flexibility.</p> <p>360° rotation horizontal Endoscopic mode Macro mode</p> <p><b>OPERATING LAMP WITH CEILING MOUNTED LIGHT</b> (Compatible with Laminar Flow) Model: 560</p>			<p>(Compatible with Laminar Flow) MODEL: 160L MANUFACTURER: MEDICINOS, LITHUANIA COUNTRY OF ORIGIN: LITHUANIA Additional Features: a. Illumination depth (L x H) (mm) &gt;1000 b. Light intensity control 10%-100% c. Diameter of spot (mm) 160 - 300 d. Increase of Temperature at Head Height (°C) ≤2 e. ENDO Mode.</p>		
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**Signatures**

	<p><b>Make: Emiled</b>  <b>Country of Origin: Germany</b>          The Dome design is hollow that do not disrupt the clean air flow of air from laminar air flow.          Each dome consist 70 Nos. of LED's that provides a uniform intensity of lights.          Natural color rendering grants a great light quality          Adjustable illumination in 10 steps          High flexibility: 360° rotation horizontal          Endoscopic mode          Macro mode</p>	<p><b>OPERATING LAMPS MOBILE</b></p>	<p><b>OPERATING LAMPS MOBILE (WITH EMERGENCY BATTERY CHARGER)</b>          MODEL: 130EMA  <b>MANUFACTURER: MEDICINOS, LITHUANIA</b>  <b>COUNTRY OF ORIGIN: LITHUANIA</b></p> <p><b>Additional Features:</b>          a. Increase of Temperature of Head Light is 2          b. Type of field focusing control          Sterilizable Handles          c. Minimal heat production          guaranteed, cool</p>	
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<p><b>TECHNICAL COMMITTEE MEMBERS</b></p>	<p>In-Charge Purchase &amp; Procurement          MTI/HMC          Peshawar</p>	<p>Project Director          KICH          Peshawar</p>	<p>Director Finance          MTI/HMC          Peshawar</p>	<p>Director Admin/Finance          ce KICH          Peshawar</p>	<p>Bio-Medical Engineer          MTI/HMC          Peshawar</p>	<p>Consultant          Summit Healthcare Consultants (Pvt) Ltd.</p>	<p>End User</p>
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					light with no UV or IR radiation. d. High standard of LAF requirement					
	(WITH EMERGENCY BATTERY CHARGER) Model: 300M+ Make: Emiled Country of Origin: Germany With a battery back-up can be used without power connection up to 5 hours. 4-step focusing via the control panel with LCD display Adjustable illumination in 10 steps Two autoclavable handles are included									

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